Supplementary Information (SI) for Natural Product Reports.

Supporting Information for:

Sesterterpenoids: sources, structural diversity, biological activity, and data management

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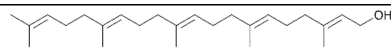
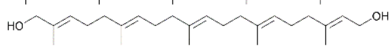
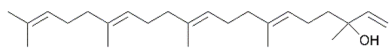
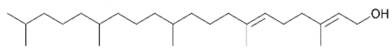
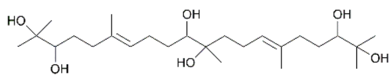
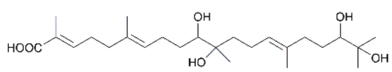
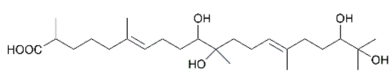
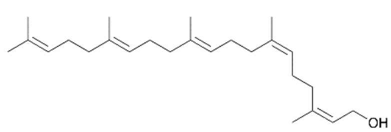
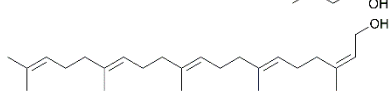
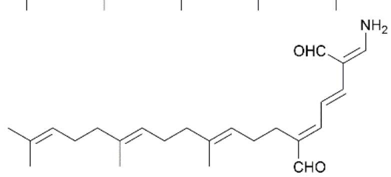
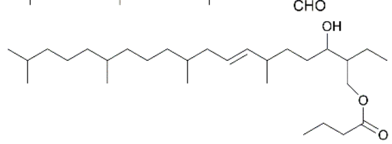
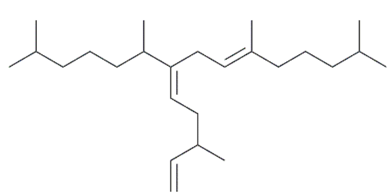
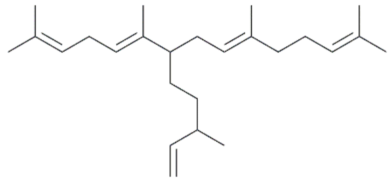
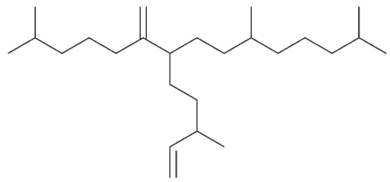
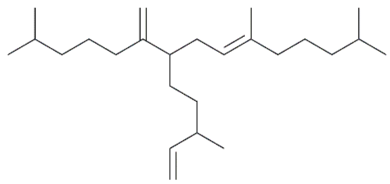
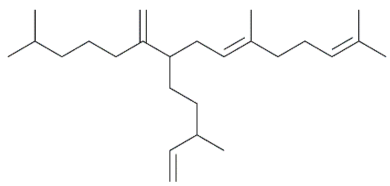
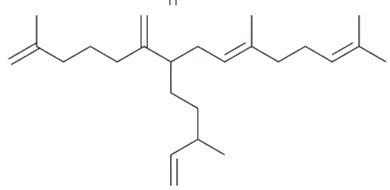
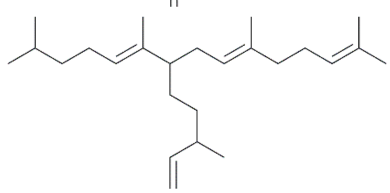
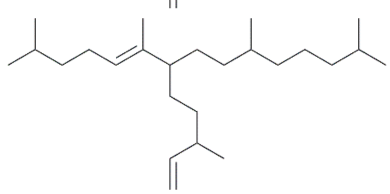
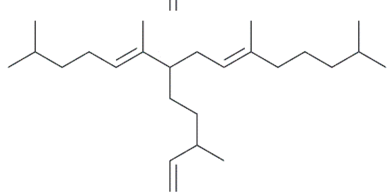
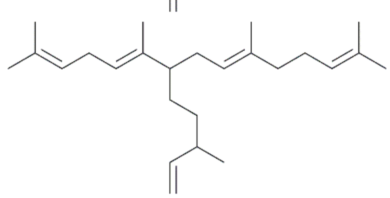
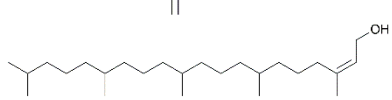
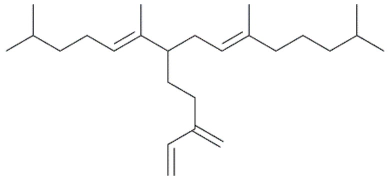
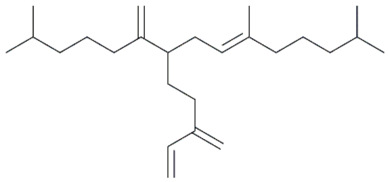
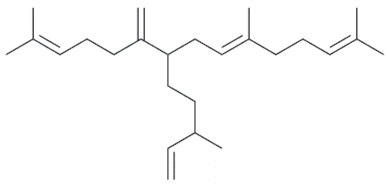
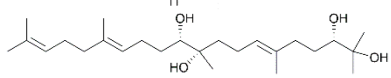
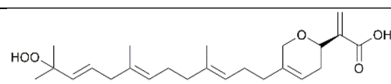
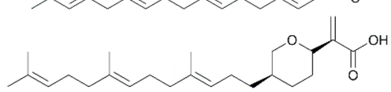
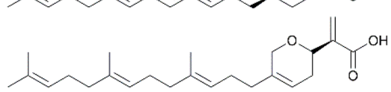
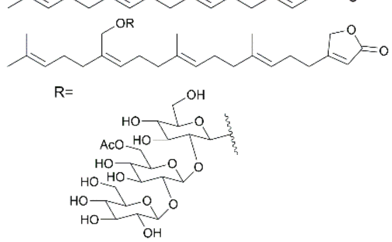
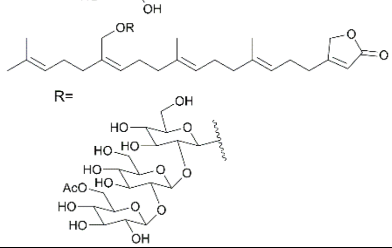
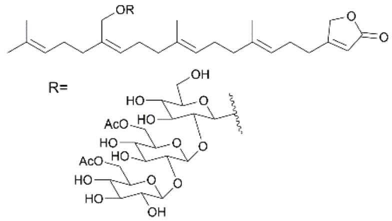
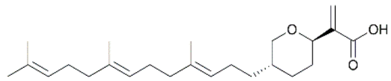
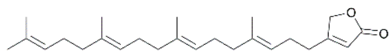
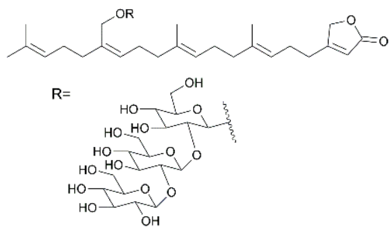
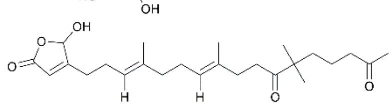
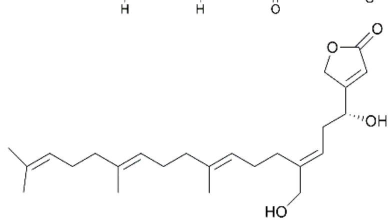
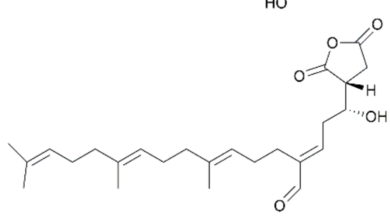
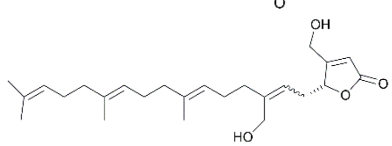
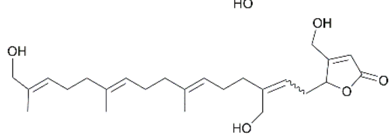
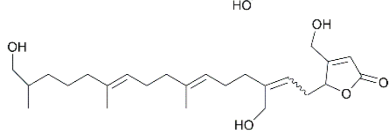
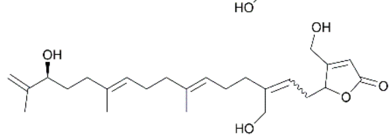
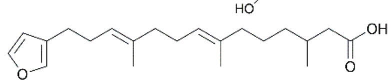
Table S1. Structures of sesterterpenoids (all the structures are reported as depicted in the cited papers)

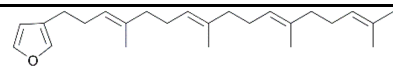
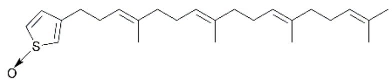
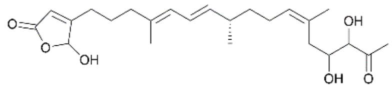
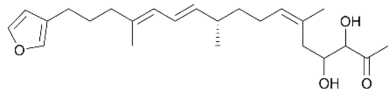
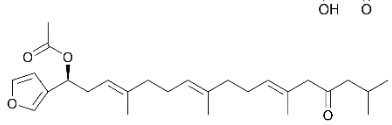
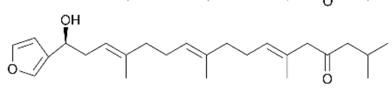
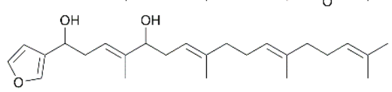
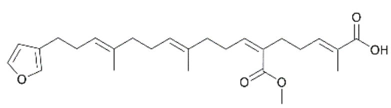
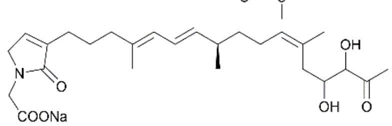
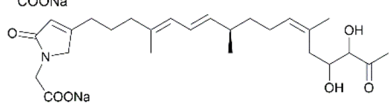
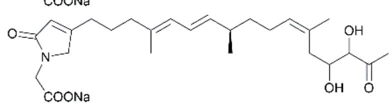
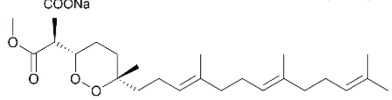
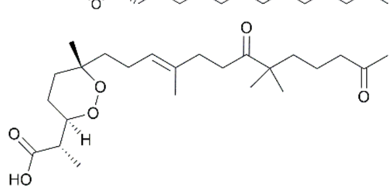
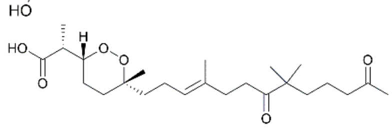
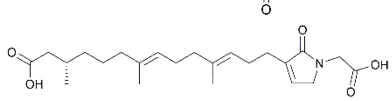
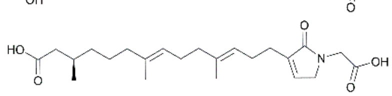
Section 1.1 Structures of linear acyclic (Al) sesterterpenoids lacking heterocyclic rings			
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference
Al-1	geranylfarnesol		*Ceroplastes albolineatus* [1]
Al-2	ω-hydroxygeranylfarnesol		*Fasciospongia fovea* [2] *Ceroplastes albolineatus* [3]
Al-3	geranylnerolidol		*Cochliobolus heterostrophus* [4]
Al-4	3,7,11,15,19-pentamethyl-2-cis-6-trans-eicosadien-1-ol		*Solanum tuberosum* [5]
Al-5	postrediene A (2,6,11,15,19-pentamethyl-6*E*,14*E*-eicosadiene2,3,10,11,18,19-hexanol)		*Pleurotus ostreatus* and *Trametes robiniophila* (coculture) [6]
Al-6	postrediene B (2,6,11,15,19-pentamethyl-10,11,18,19-tetrahydroxyl-2*E*,6*E*,14*E*-eicosatrienoic acid)		*Pleurotus ostreatus* and *Trametes robiniophila* (coculture) [6]
Al-7	postrediene C (2,6,11,15,19-pentamethyl-10,11,18,19-tetrahydroxyl-6*E*,14*E*-eicosadienoic acid)		*Pleurotus ostreatus* and *Trametes robiniophila* (coculture) [6]
Al-8	(2*Z*,6*Z*,10*E*,14*E*)-geranylfarnesol		*Triticum aestivum* [7]
Al-9	(2*Z*,6*E*,10*E*,14*E*)-geranylfarnesol		*Croton hieronymi* [8]
Al-10	unnamed acyclic sesterterpene (reported as compound 5)		*Hippospongia lachne* [9]
Al-11	2,6,10,14-tetramethyl-18-butanecarboxymethylene-henecos-12-en-17β-ol		*Oryza sativa* [10]
Al-12	unnamed acyclic sesterterpene (reported as compound 3)		*Rhizosolenia setigera* [11]

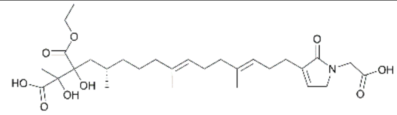
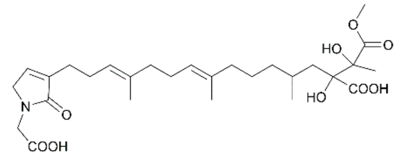
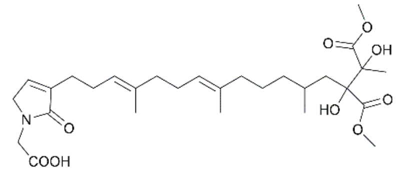
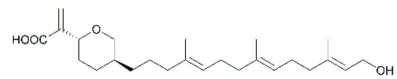
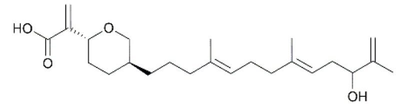
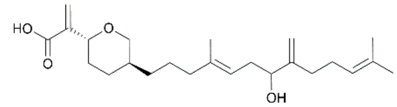
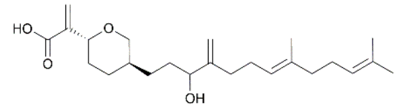
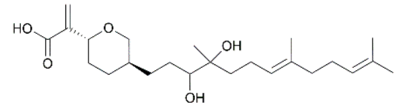
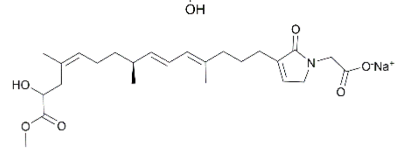
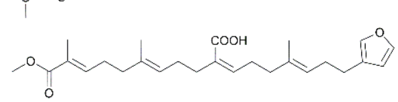
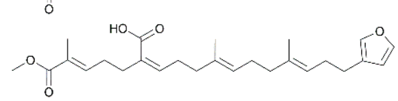
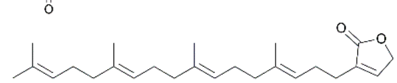
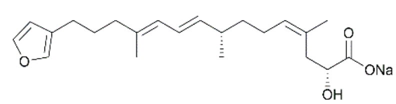
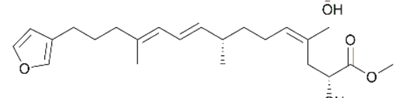
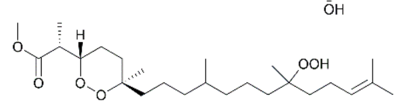
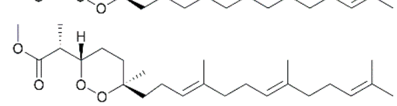
AI-13	unnamed acyclic sesterterpene (reported as compound 4)		*Rhizosolenia setigera* [11]
AI-14	hasla-6(17),23-diene		*Haslea ostrearia* [12, 13]
AI-15	hasla-6(17),9,23-triene		*Haslea ostrearia* [12, 13]
AI-16	hasla-6(17),9,13,23-tetraene		*Haslea ostrearia*, *Haslea saltstonica, Haslea crucigera* [12, 13]
AI-17	hasla-2,6(17),9,13,23-pentaene		*Haslea ostrearia* [12, 13]
AI-18	hasla-5,9,13,23-tetraene		*Haslea ostrearia, Haslea pseudostrearia* [12, 13]
AI-19	hasla-5,23-diene		*Haslea ostrearia* [12, 13]
AI-20	hasla-5,9,23-triene		*Haslea ostrearia* [12, 13]
AI-21	hasla-2,5,9,13,23-pentaene		*Haslea ostrearia* [12, 13]
AI-22	2*E*-3,7,11,15,19-pentamethyleicos-2-en-1-ol (*Z* isomer		*Croton hieronymi* [8]

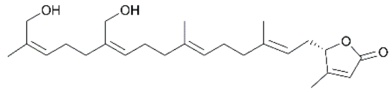
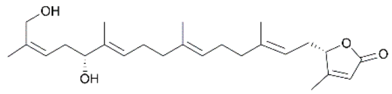
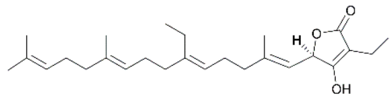
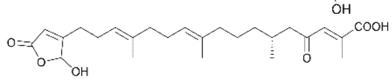
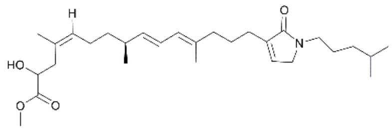
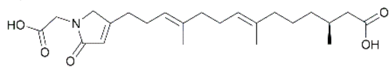
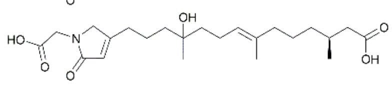
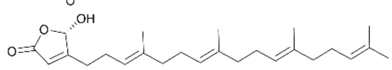
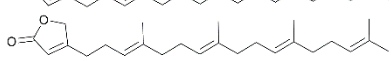
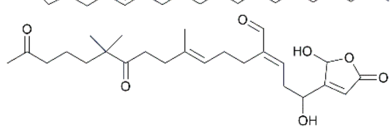
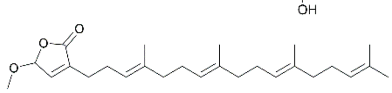
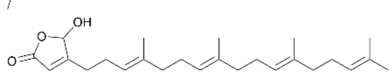
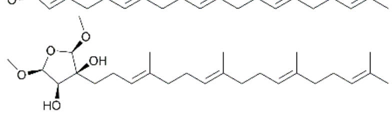
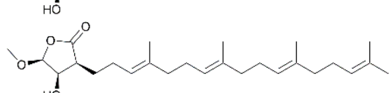
	reported in the structure)		
AI-23	2,6,10,14-tetramethyl-7-(3-methylenepent-4-enyl)pentadec-5,9-diene		*Haslea ostrearia* [13]
AI-24	2,6,14-trimethyl-10-methylene-9-(3methylenepent-4-enyl)pentadec-6-diene		*Haslea ostrearia* [13]
AI-25	pentaene VIII		*Haslea crucigera* [12, 13]
AI-26	postrediene D		*Pleurotus ostreatus* SY10 [14]

Section 1.2. Structures of linear monoheterocyclic (MH) sesterterpenoids			
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference
MH-1	rhopaloic acid H		*Hippospongia* sp. [15]
MH-2	rhopaloic acid B		*Rhopaloeides* sp. [16]
MH-3	rhopaloic acid C		*Rhopaloeides* sp. [16] *Hippospongia* sp. [15]
MH-4	6′′-*O*-acetylbalibaloside		*Oscarella balibaloi* [17]
MH-5	6′′′-*O*-acetylbalibaloside		*Oscarella balibaloi* [17]

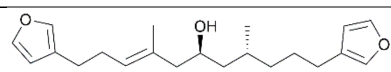
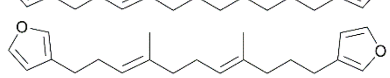
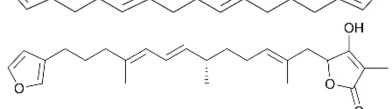
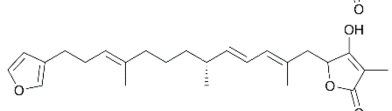
MH-6	6",6"'-*O*-diacetylbalibaloside		*Oscarella balibaloi* [17]
MH-7	rhopaloic acid A		*Rhopaloeides* sp. [18] *Hippospongia* sp. [15]
MH-8	luffarin Q		*Thorecta horridus* [19] *Luffariella geometrica* [20]
MH-9	balibaloside		*Oscarella balibaloi* [17]
MH-10	acantholide C		*Acanthodendrilla* sp. [21] *Hyrtios communis* [22]
MH-11	hippolide C		*Hippospongia lachne* [23]
MH-12	hippolide D		*Hippospongia lachne* [23]
MH-13	hippolide E		*Hippospongia lachne* [23]
MH-14	hippolide F		*Hippospongia lachne* [23]
MH-15	hippolide G		*Hippospongia lachne* [23]
MH-16	hippolide H		*Hippospongia lachne* [23]
MH-17	unnamed monoheterocyclic sesterterpene (reorted as C21-furanoterpene)		*Sarcotragus* sp. [24]

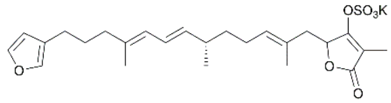
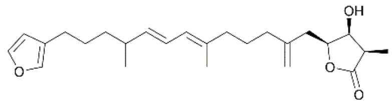
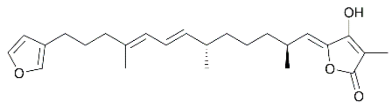
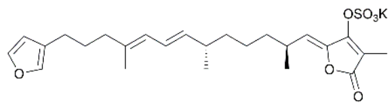
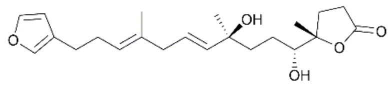
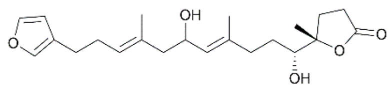
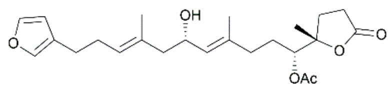
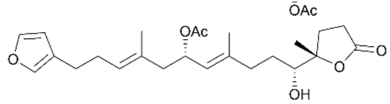
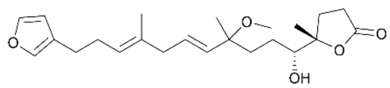
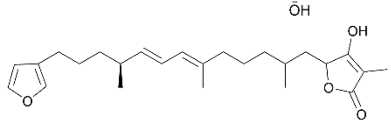
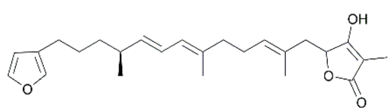
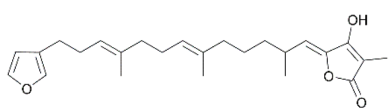
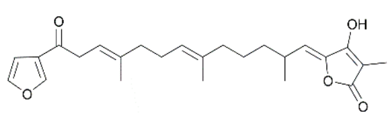
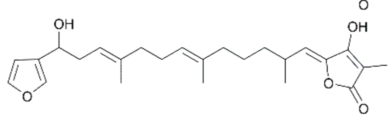
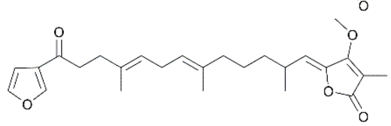
MH-18	furospinosulin-1		*Fasciospongia fovea* [2] *Ircinia spinosula* [25] *Spongia idia* [26] *Dactylospongia elegans* [27] *Xestospongia* sp. [28] *Thorecta* sp. [29]
MH-19	3-(4,8,12,16-tetramethylheptadeca-3,7,11,15-tetraenyl)-thiophene-1-oxide		*Xestospongia* sp. [28]
MH-20	sarcotin O		*Sarcotragus* sp. [30]
MH-21	sarcotin P		*Sarcotragus* sp. [31]
MH-22	4-acetoxy-9-deoxoidiadione		*Smenospongia* sp. [32]
MH-23	4-hydroxy-9-deoxoidiadione		*Smenospongia* sp. [32, 33]
MH-24	5,10-dihydroxylfurospinulosine-1		*Hyrtios erectus* [34]
MH-25	isofurospongin-4		*Spongia officinalis* [35]
MH-26	sarcotrine F		*Sarcotragus* sp. [30]
MH-27	isosarcotrine F		*Sarcotragus* sp. [30]
MH-28	idiadione		*Cadlina marginata* [26] *Spongia idia* [26]
MH-29	unnamed cyclic peroxide ester		*Latrunculia* sp. [36]
MH-30	aikupikoxide A		*Diacarnus erythraenus* [sic!] [37]
MH-31	muqubilone B		*Latrunculia* sp. [36]
MH-32	ircinialactam C		*Ircinia* sp. CMB-03363 [38]
MH-33	*ent*-ircinialactam C		*Psammocinia* sp. CMB-03231 [38]

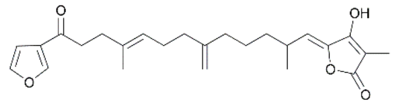
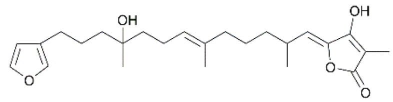
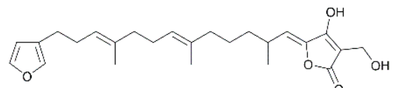
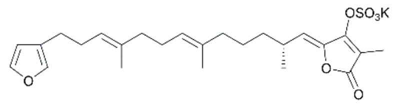
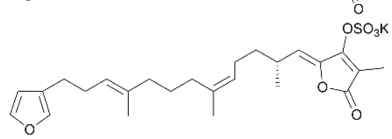
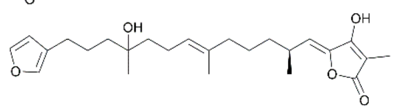
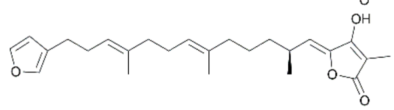
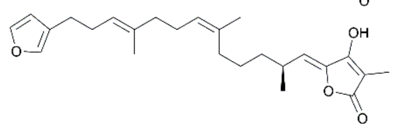
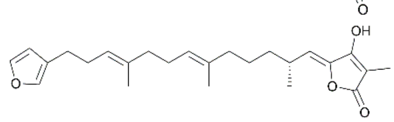
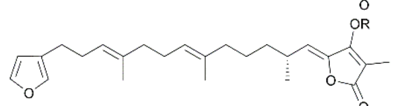
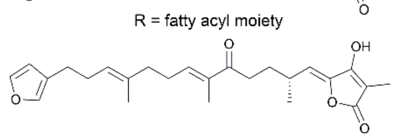
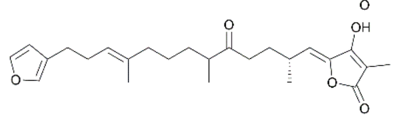
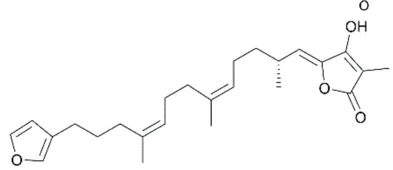
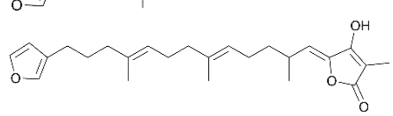
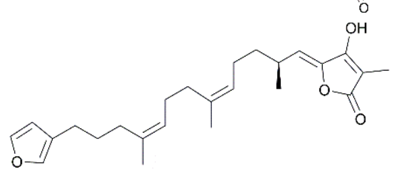
MH-34	ircinialactam D		*Ircinia* sp. CMB-03363 [38]
MH-35	unnamed monoheterocyclic sesterterpene (reported as compound 1)		*Ircinia* sp. [39]
MH-36	unnamed monoheterocyclic sesterterpene (reported as compound 3)		*Ircinia* sp. [39]
MH-37	barangcadoic acid		*Hippospongia* sp. [40]
MH-38	rhopaloic acid D		*Hippospongia* sp. [40]
MH-39	rhopaloic acid E		*Hippospongia* sp. [40]
MH-40	rhopaloic acid F		*Hippospongia* sp. [40]
MH-41	rhopaloic acid G		*Hippospongia* sp. [40]
MH-42	sarcotragin B		*Sarcotragus* sp. [41]
MH-43	furospongin-3		*Spongia officinalis* [42]
MH-44	furospongin-4		*Spongia officinalis* [42]
MH-45	unnamed monoheterocyclic sesterterpene (reported as compound 2)		*Thorecta horridus* [19]
MH-46	sarcotin I		*Sarcotragus* sp. [43]
MH-47	sarcotin J		*Sarcotragus* sp. [43]
MH-48	sigmosceptrellin D methyl ester		*Sigmosceptrella* sp. [44]
MH-49	sigmosceptrellin E methyl ester		*Sigmosceptrella* sp. [44]

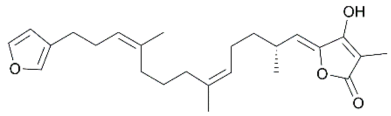
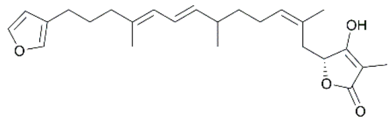
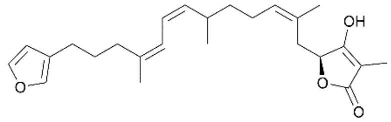
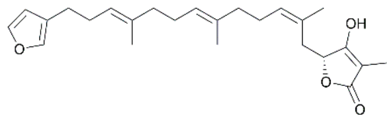
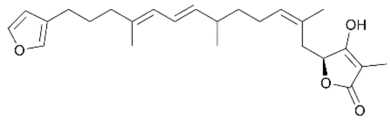
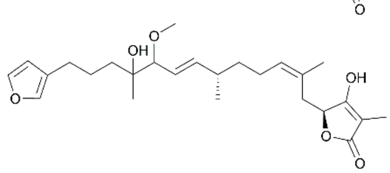
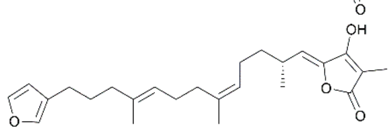
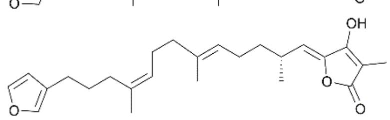
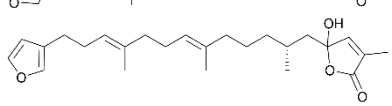
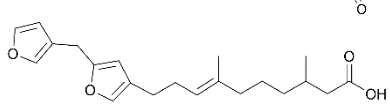
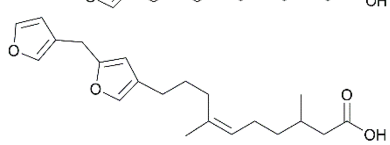
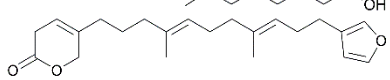
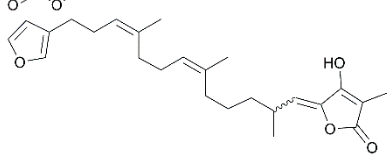
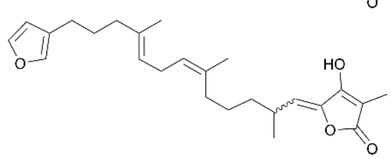
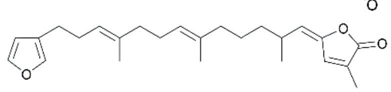
MH-50	coleifolide A		*Scutellaria coleifolia* [45]
MH-51	coleifolide B		*Scutellaria coleifolia* [45]
MH-52	granuloside		*Charcotia granulosa* [46]
MH-53	cacolic acid A		*Cacospongia* sp. CMB-03404 [47]
MH-54	sarcotragin C		*Sarcotragus* sp. [48]
MH-55	ircinialactam G		*Sarcotragus* sp. and *Psammocinia* sp. [49]
MH-56	8-hydroxy ircinialactam G		*Sarcotragus* sp. and *Psammocinia* sp. [49]
MH-57	dactylospene A		*Dactylospongia elegans* [50]
MH-58	furospinosulin B		*Dactylospongia elegans* [50]
MH-59	fasciospongide C		*Fasciospongia* sp. [51]
MH-60	hippotulosa A		*Hippospongia fistulosa* [52]
MH-61	hippotulosa B		*Hippospongia fistulosa* [52]
MH-62	hippotulosa C		*Hippospongia fistulosa* [52]
MH-63	hippotulosa D		*Hippospongia fistulosa* [52]

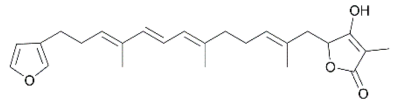
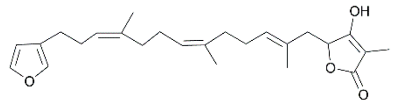
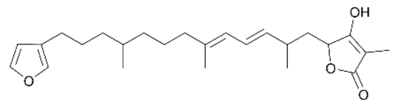
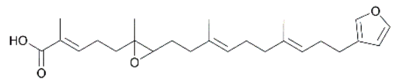
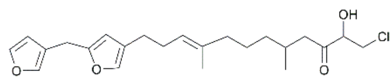
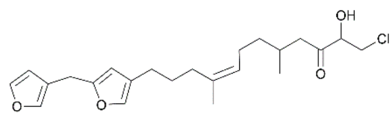
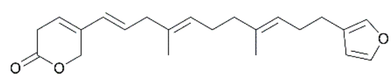
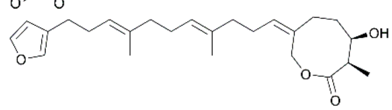
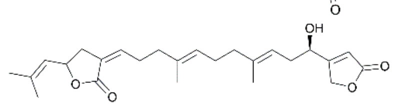
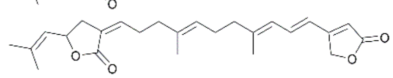
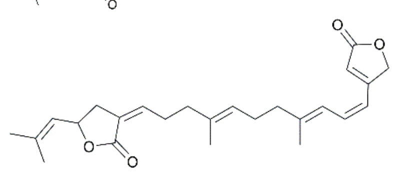
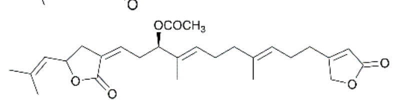
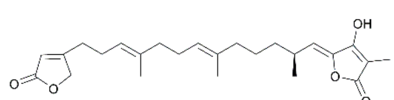
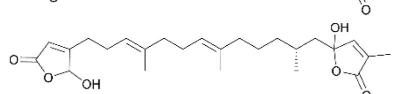
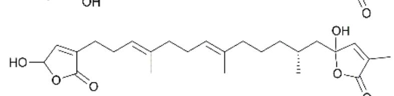
Section 1.3. Structures of linear diheterocyclic (DH) sesterterpenoids

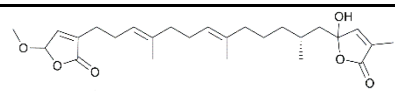
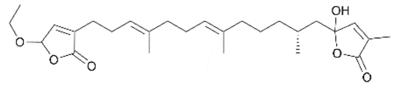
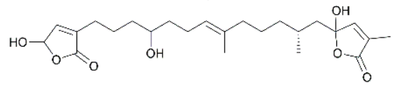
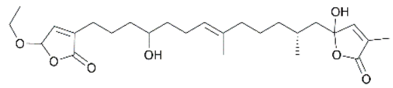
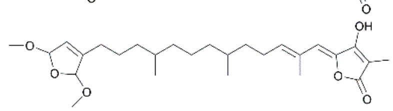
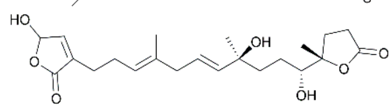
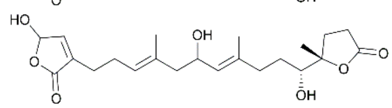
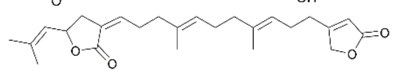
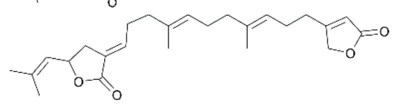
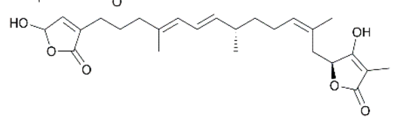
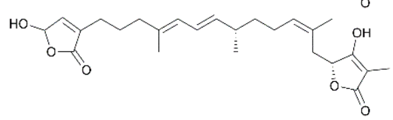
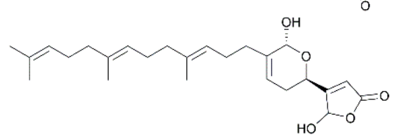
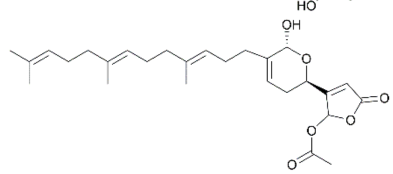
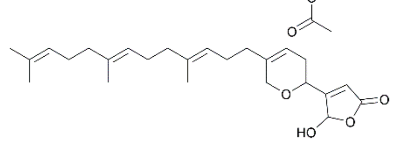
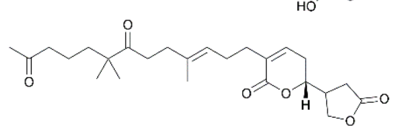
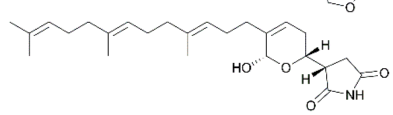
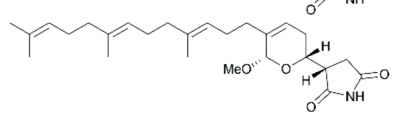
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference
DH-1	furospongin-1		*Spongia officinalis* [53] *Hippospongia communis* [53]
DH-2	anhydrofurospongin-1		*Spongia officinalis* [53] *Hippospongia communis* [53]
DH-3	palinurin		*Ircinia variabilis* [54]
DH-4	isopalinurin		*Psammocinia* sp. [55, 56]

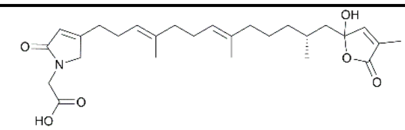
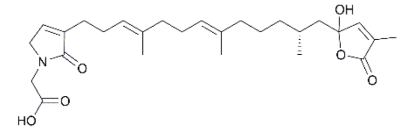
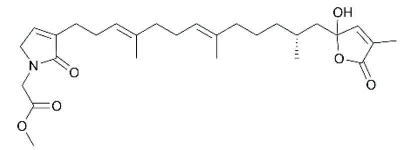
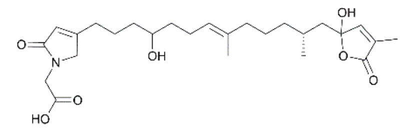
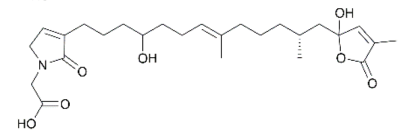
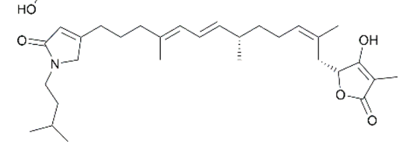
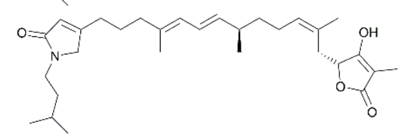
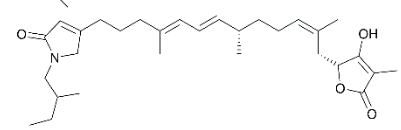
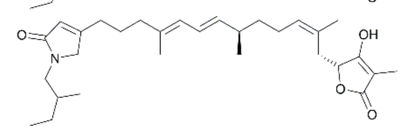
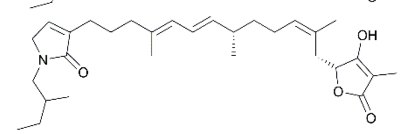
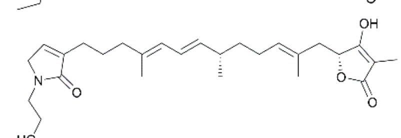
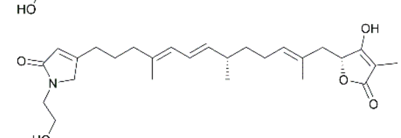
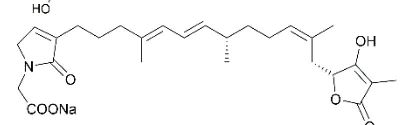
DH-5	palinurin sulfate ester		*Ircinia variabilis* [57]
DH-6	okinonellin B		*Spongionella* sp. [58]
DH-7	fasciculatin		*Ircinia fasciculata* [59] *Ircinia variabilis* [54]
DH-8	fasciculatin sulfate ester		*Ircinia fasciculata* [57]
DH-9	irciformonin A* (revised as **TH-19**)		*Ircinia formosana* [60]
DH-10	irciformonin B		*Ircinia formosana* [60]
DH-11	15-acetyl-irciformonin B		*Ircinia* sp. [61]
DH-12	10-acetyl-irciformonin B		*Ircinia* sp. [61]
DH-13	irciformonin I		*Ircinia formosana* [60]
DH-14	5-(13-(3-furanyl)-2,6, 10-trimethyl-6,8-tridecadienyl)-4-hydroxy-3-methyl-2(5H)-furanone		*Ircinia* sp. [62]
DH-15	5-(13-(3-furanyl)-2,6, 10-trimethyl-2,6,8-tridecatrienyl)-4-hydroxy-3-methyl-2(5H)-furanone		*Psammocinia rugosa* [63]
DH-16	variabilin		*Fasciospongia* sp. [64] *Ircinia* sp. [65] *Ircinia dendroides* [66] *Ircinia strobilina* [67] *Ircinia variabilis* [68] *Sarcotragus* sp. [24] *Semitaspongia bactriana* [69]
DH-17	5-oxo-7*E*,12*E*,20*Z*-variabilin		*Ircinia* sp. [70]
DH-18	5-hydroxy-7*E*,12*E*,20*Z*-variabilin		*Ircinia* sp. [70]
DH-19	5-oxo-8(10)*E*,12*E*,20*Z*-variabilin		*Ircinia* sp. [70]

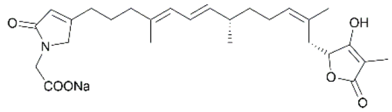
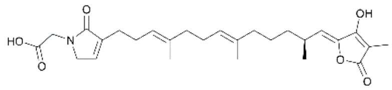
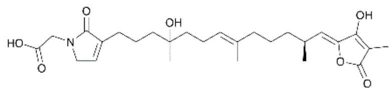
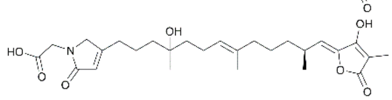
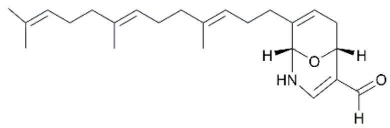
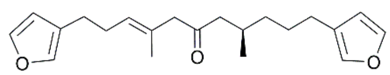
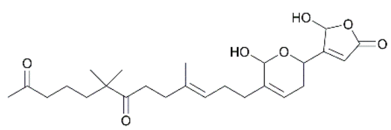
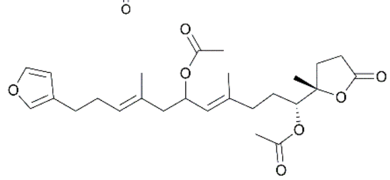
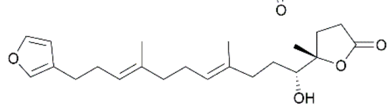
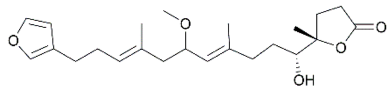
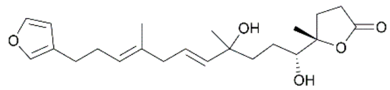
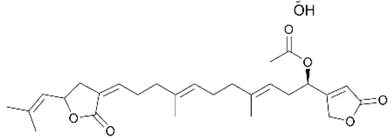
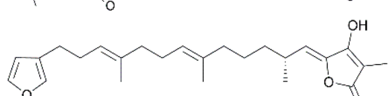
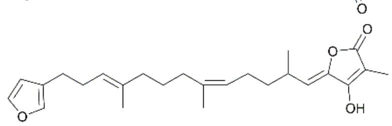
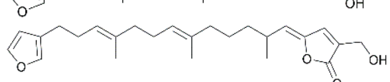
DH-20	5-oxo-8(10)*E*,13,20*Z*-variabilin		*Ircinia* sp. [70]
DH-21	8-hydroxy-12*E*,20*Z*-variabilin		*Ircinia* sp. [70] *Sarcotragus* sp. [70]
DH-22	25-hydroxy-variabilin		*Fasciospongia* sp., *Hypselodoris capensis* [71]
DH-23	(18*R*)-variabilin sulfate ester		*Ircinia variabilis* [72]
DH-24	(13*Z*,18*R*)-variabilin sulfate ester		*Ircinia variabilis* [72]
DH-25	(12*E*,18*S*,20*Z*)-8-hydroxyvariabilin		*Ircinia* sp. CMB-01064 [38] *Ircinia* sp. CMB-03363 [38]
DH-26	(7*E*,12*E*,18*S*,20*Z*)-variabilin		*Ircinia* sp. CMB-01064 [38] *Ircinia* sp. CMB-03363 [38] *Sarcotragus* sp. [24]
DH-27	(7*E*,12*Z*,18*S*,20*Z*)-variabilin		*Ircinia* sp. CMB-01064 [38] *Ircinia* sp. CMB-03363 [38] *Ircinia oros* [73]
DH-28	(7*E*,12*E*,18*R*,20*Z*)-variabilin		*Psammocinia* sp. [56] *Sarcotragus* sp. [24] *Ircinia dendroides* [66]
DH-29	variabilin fatty acid esters	 R = fatty acyl moiety	*Ircinia felix* [74]
DH-30	psammocinin A_1		*Psammocinia* sp. [56]
DH-31	psammocinin A_2		*Psammocinia* sp. [56]
DH-32	strobilinin		*Ircinia strobilina* [67] *Ircinia oros* [73]
DH-33	(8*Z*,13*Z*,20*Z*)-strobilinin		*Ircinia felix, Ircinia strobilina, Ircinia campana* [67] *Ircinia oros* [73]
DH-34	(8Z,13*Z*,18*S*,20*Z*)-strobilinin		*Ircinia oros* [73]

DH-35	(7*Z*,13*Z*,20*Z*)-felixinin		*Ircinia felix, Ircinia strobilina, Ircinia campana* [75]
DH-36	sarcotin A		*Sarcotragus* sp. [76]
DH-37	sarcotin B		*Sarcotragus* sp. [76]
DH-38	sarcotin C		*Sarcotragus* sp. [76]
DH-39	*epi*-sarcotin A		*Sarcotragus* sp. [43]
DH-40	sarcotin M		*Sarcotragus* sp. [43]
DH-41	(8*E*,13*Z*,18*R*,20*Z*)-strobilin		*Ircinia* sp. [77]
DH-42	(8*Z*,13*E*,18*R*,20*Z*)-strobilin		*Ircinia* sp. [77]
DH-43	cacolide A		*Cacospongia* sp. CMB-03404 [47]
DH-44	ircinin-3		*Spongia officinalis* [42]
DH-45	ircinin-4		*Spongia officinalis* [42]
DH-46	furodendin		*Phyllospongia dendyi* [78]
DH-47	unnamed diheterocyclic sesterterpene (reported as compound 6a)		*Ircinia dendroides* [66]
DH-48	unnamed diheterocyclic sesterterpene (reported as compound 8a)		*Ircinia dendroides* [66]
DH-49	22-deoxyvariabilin		*Thorecta* sp. [29] *Hypselodoris capensis* and *Fasciospongia* sp. [71]

DH-50	ircinic acid		*Ircinia* sp. [79]
DH-51	palomin		*Ircinia* sp. [80]
DH-52	unnamed diheterocyclic sesterterpene (reported as compound 5)		*Psammocinia* sp. [81]
DH-53	unnamed diheterocyclic sesterterpene (reported as epoxide 12)		*Spongia* sp. [82]
DH-54	unnamed diheterocyclic sesterterpene (reported as compound 1)		*Ircinia oros* [83]
DH-55	unnamed diheterocyclic sesterterpene (reported as compound 3)		*Ircinia oros* [83]
DH-56	dehydrofurodendin		*Lendenfeldia* sp. [84]
DH-57	astakolactin		*Cacospongia scalaris* [85]
DH-58	luffarin R		*Luffariella geometrica* [20] *Thorectandra* sp. [86]
DH-59	luffarin T		*Luffariella geometrica* [20]
DH-60	luffarin U		*Luffariella geometrica* [20]
DH-61	unnamed diheterocyclic sesterterpene (reported as compound 1a)		*Fasciospongia cavernosa* [87]
DH-62	ircinialactone A		*Sarcotragus* sp. [49]
DH-63	cacolide B		*Cacospongia* sp. CMB-03404 [47]
DH-64	cacolide C		*Cacospongia* sp. CMB-03404 [47]

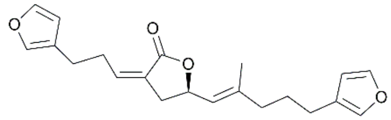
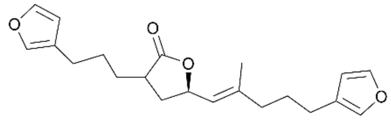
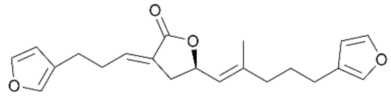
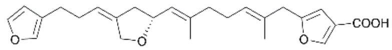
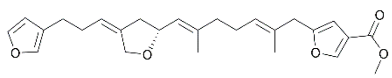
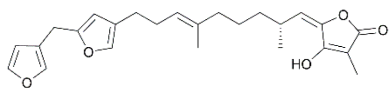
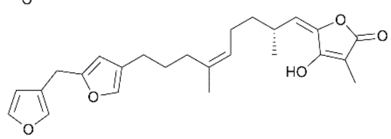
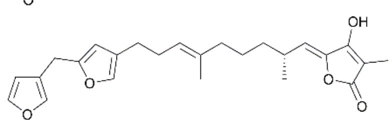
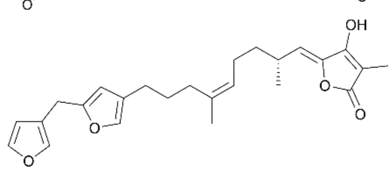
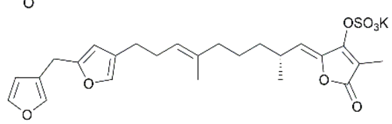
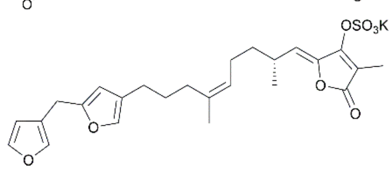
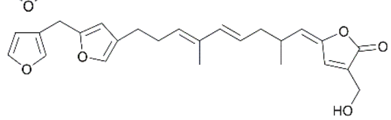
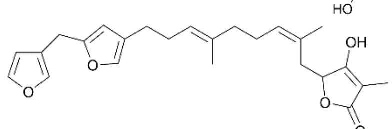
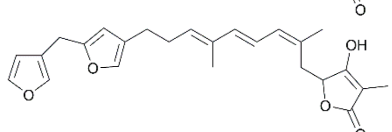
DH-65	cacolide D		*Cacospongia* sp. CMB-03404 [47]
DH-66	cacolide E		*Cacospongia* sp. CMB-03404 [47]
DH-67	cacolide F		*Cacospongia* sp. CMB-03404 [47]
DH-68	cacolide G		*Cacospongia* sp. CMB-03404 [47]
DH-69	psammocinin B		*Psammocinia* sp. [56]
DH-70	irciformonin C		*Ircinia formosana* [60]
DH-71	irciformonin D		*Ircinia formosana* [60]
DH-72	(6*Z*)-luffarin-V		*Fasciospongia cavernosa* [88]
DH-73	luffarin V		*Thorectandra* sp. [86] *Luffariella geometrica* [20]
DH-74	sarcotin F		*Sarcotragus* sp. [43]
DH-75	*epi*-sarcotin F		*Sarcotragus* sp. [30]
DH-76	thorectolide		*Hyrtios* sp. [89]
DH-77	thorectolide monoacetate		*Thorectandra excavatus* [90] *Hyrtios* sp. [89]
DH-78	cacospongionolide D		*Fasciospongia cavernosa* [88]
DH-79	erectusolide		*Hyrtios* sp. [91]
DH-80	hippolide A		*Hippospongia lachne* [23]
DH-81	hippolide B		*Hippospongia lachne* [23]

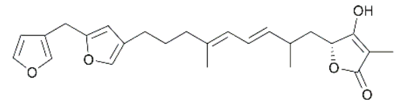
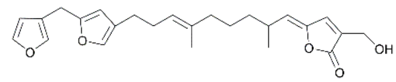
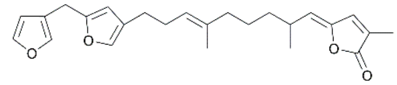
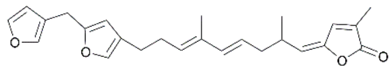
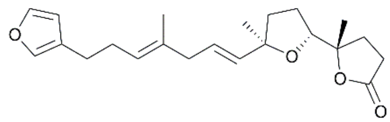
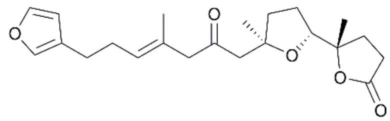
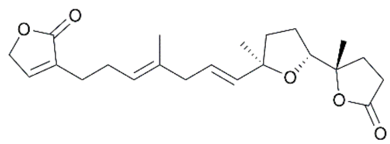
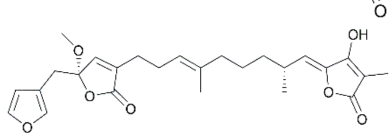
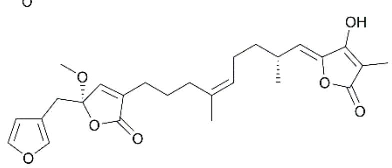
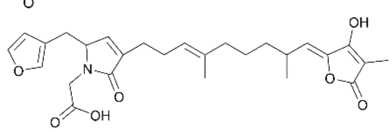
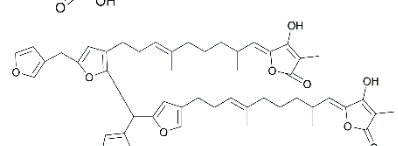
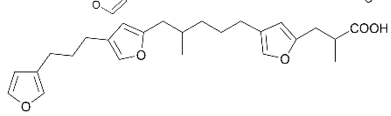
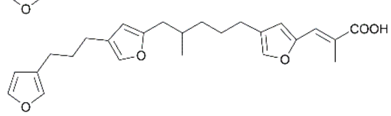
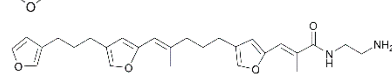
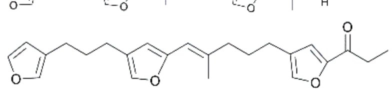
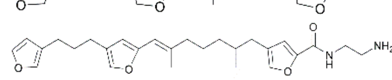
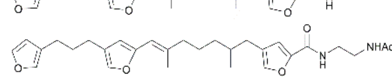
DH-82	cacolide H		*Cacospongia* sp. CMB-03404 [47]
DH-83	cacolide I		*Cacospongia* sp. CMB-03404 [47]
DH-84	cacolide J		*Cacospongia* sp. CMB-03404 [47]
DH-85	cacolide K		*Cacospongia* sp. CMB-03404 [47]
DH-86	cacolide L		*Cacospongia* sp. CMB-03404 [47]
DH-87	sarcotrine A		*Sarcotragus* sp. [43]
DH-88	*epi*-sarcotrine A		*Sarcotragus* sp. [43]
DH-89	sarcotrine C		*Sarcotragus* sp. [43]
DH-90	*epi*-sarcotrine C		*Sarcotragus* sp. [43]
DH-91	sarcotrine D		*Sarcotragus* sp. [43]
DH-92	palinurine A		*Cunninghamella* sp. [92]
DH-93	palinurine B		*Cunninghamella* sp. [92]
DH-94	sarcotrine E		*Sarcotragus* sp. [30]

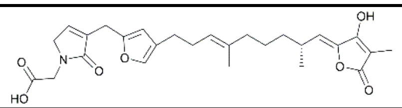
DH-95	isosarcotrine E		*Sarcotragus* sp. [30]
DH-96	ircinialactam A		*Ircinia* sp. CMB-01064 [38] *Ircinia* sp. CMB-03363 [38] *Ircinia* sp. [39]
DH-97	8-hydroxyircinialactam A		*Ircinia* sp. CMB-01064 [38]
DH-98	8-hydroxyircinialactam B		*Ircinia* sp. CMB-01064 [38] *Ircinia* sp. CMB-03363 [38]
DH-99	unnamed diheterocyclic sesterterpene (reported as compound 1)		*Hippospongia lachne* [9]
DH-100	dihydrofurospongin-2		*Phyllospongia foliascens* [93] *Spongia officinalis* [53]
DH-101	fasciospongide B		*Fasciospongia* sp. [51]
DH-102	irciformonin F		*Ircinia formosana* [94] *Ircinia* sp. [61]
DH-103	irciformonin G		*Ircinia formosana* [94]
DH-104	irciformonin H		*Ircinia formosana* [94]
DH-105	irciformonin J		*Ircinia formosana* [94]
DH-106	luffarin S		*Luffariella geometrica* [20]
DH-107	(18*R*)-variabilin		*Hypselodoris capensis* and *Fasciospongia* sp. [71]
DH-108	(7*E*,13*Z*,18*S*,20*Z*)-variabilin		*Sarcotragus* sp. [24] *Ircinia oros* [73]
DH-109	22-deoxy-23-hydroxymethylvariabilin		*Hypselodoris capensis* and *Fasciospongia* sp. [71]

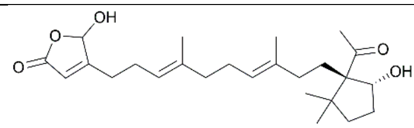
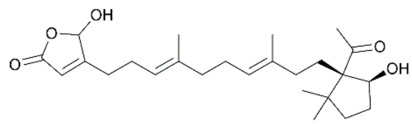
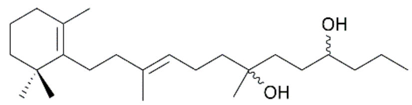
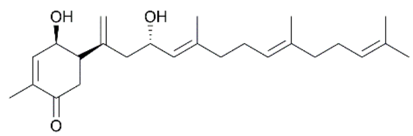
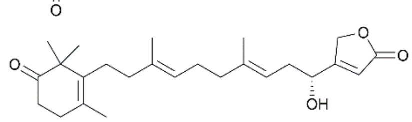
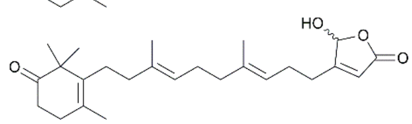
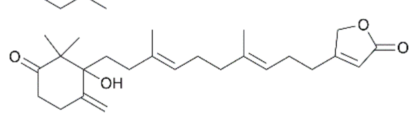
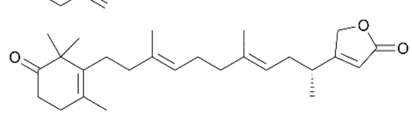
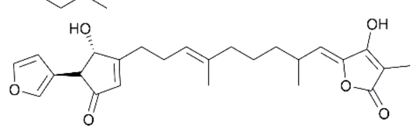
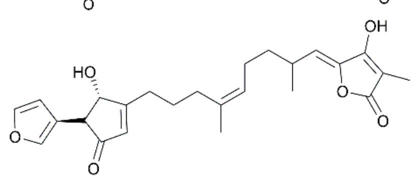
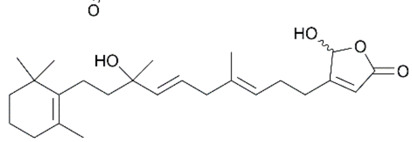
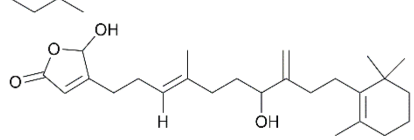
Section 1.4. Structures of linear triheterocyclic (TH) sesterterpenoids and related dimers

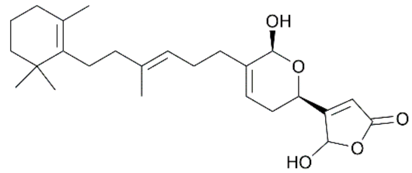
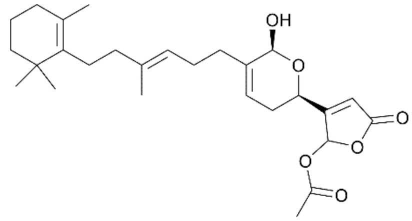
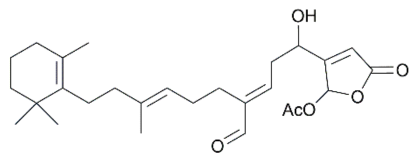
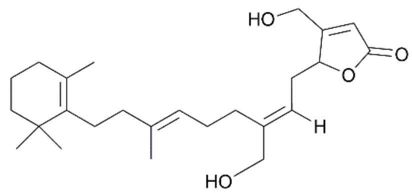
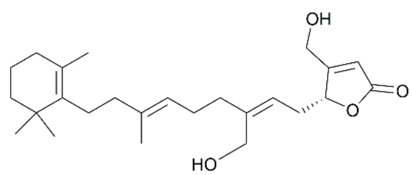
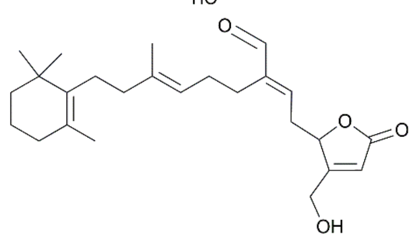
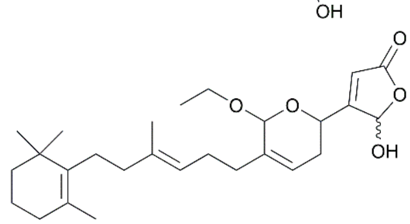
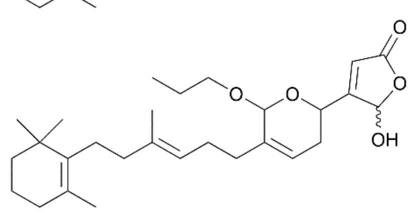
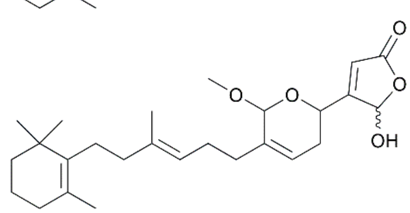
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference

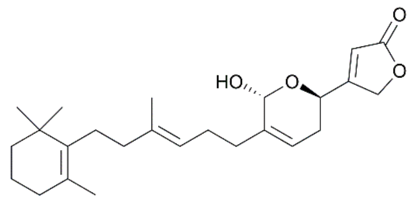
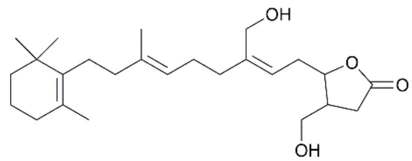
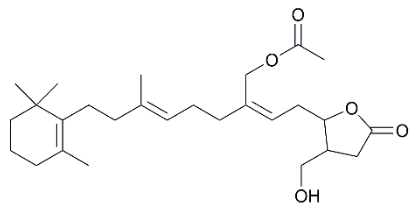
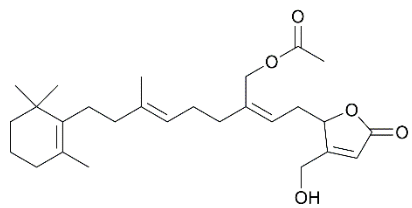
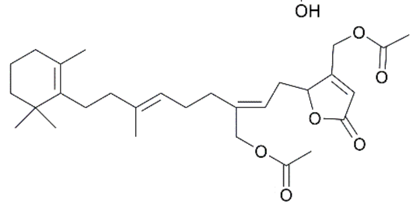
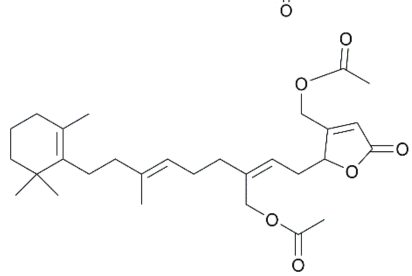
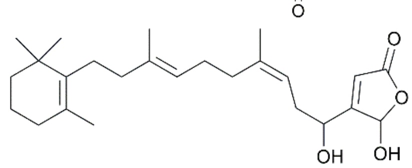
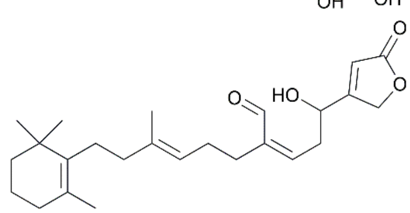
TH-1	nitenin		*Spongia nitens* [95]
TH-2	dihydronitenin		*Spongia nitens* [95]
TH-3	isonitenin		*Spongia officinalis* [96]
TH-4	unnamed triheterocyclic sesterterpene (reported as compound 1)		*Luffariella variabilis* [97]
TH-5	unnamed triheterocyclic sesterterpene (reported as compound 3)		*Luffariella variabilis* [97]
TH-6	sarcotin D		*Sarcotragus* sp. [76]
TH-7	sarcotin E		*Sarcotragus* sp. [76]
TH-8	ircinin-1		*Ircinia oros* [98, 99] *Sarcotragus* sp. [76] *Psammocinia* sp. [100]
TH-9	ircinin-2		*Ircinia oros* [98] *Sarcotragus* sp. [76] *Psammocinia* sp. [100]
TH-10	ircinin-1 sulfate ester		*Ircinia oros* [72]
TH-11	ircinin-2 sulfate ester		*Ircinia oros* [72]
TH-12	24-hydroxyircinolide		*Thorecta marginalis* [2]
TH-13	spongionellin		*Spongionella* sp. [101]
TH-14	dehydro-spongionellin		*Spongionella* sp. [101]

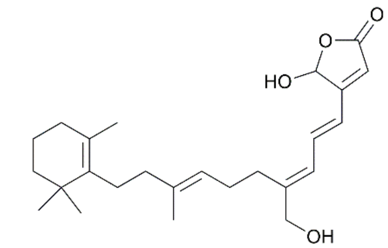
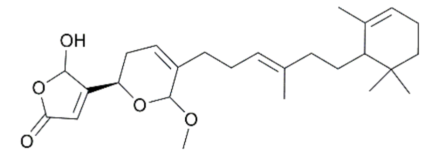
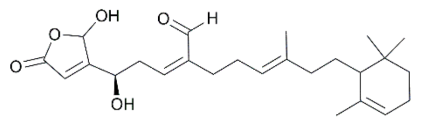
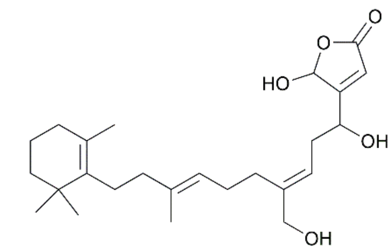
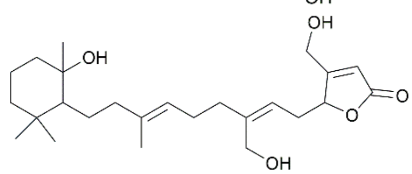
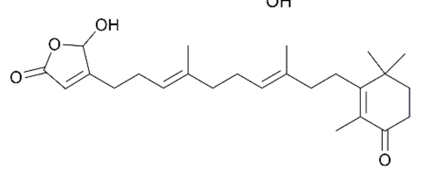
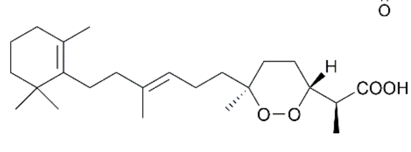
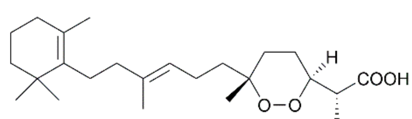
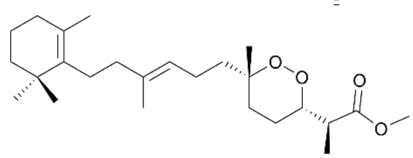
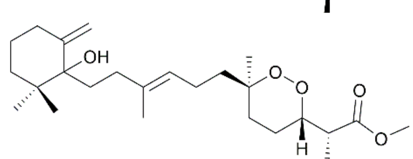
TH-15	cometin A		*Spongia* sp. [102]
TH-16	cometin B		*Spongia* sp. [102]
TH-17	cometin C		*Spongia* sp. [102]
TH-18	ircinolide		*Thorecta marginalis* [2]
TH-19	irciformonin A (revised structure of **DH-19**)		*Ircinia formosana* [60, 94]
TH-20	irciformonin E		*Ircinia formosana* [94]
TH-21	irciformonin K		*Ircinia formosana* [94]
TH-22	sarcotin G		*Sarcotragus* sp. [43]
TH-23	sarcotin H		*Sarcotragus* sp. [43]
TH-24	ircinialactam F		*Ircinia oros* [99]
TH-25	sulawesin C		*Psammocinia* sp. [100]
TH-26	hippospongin A		*Hippospongia* sp. [103]
TH-27	hippospongin B		*Hippospongia* sp. [103]
TH-28	hippospongin C		*Hippospongia* sp. [103]
TH-29	hippospongin D		*Hippospongia* sp. [103]
TH-30	hippospongin E		*Hippospongia* sp. [103]
TH-31	hippospongin F		*Hippospongia* sp. [103]

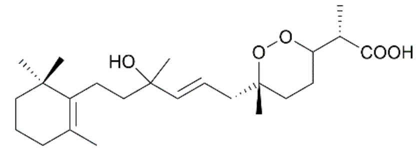
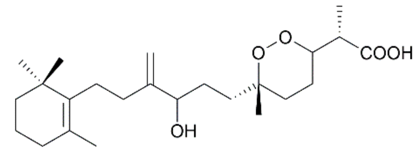
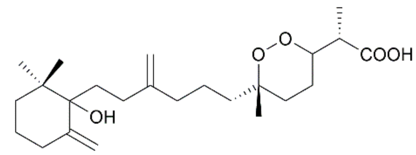
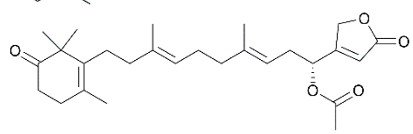
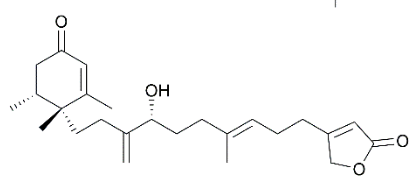
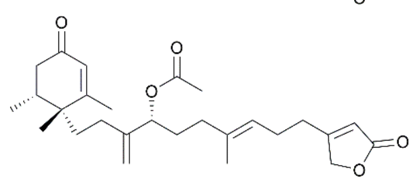
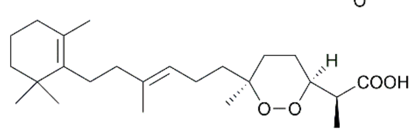
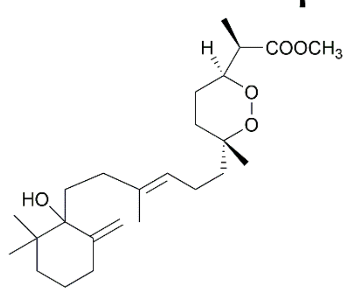
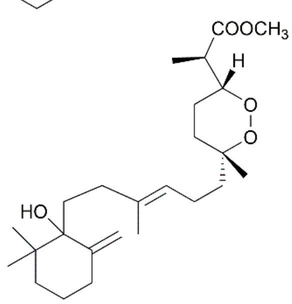
TH-32	(12*E*,18*R*,20*Z*)-ircinialactam E		*Ircinia oros* [99]

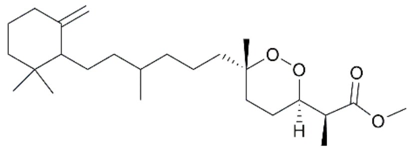
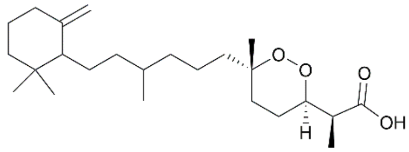
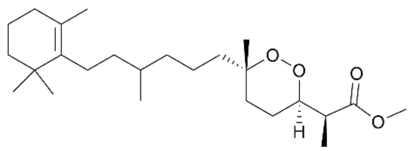
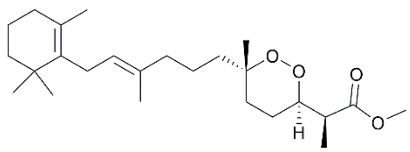
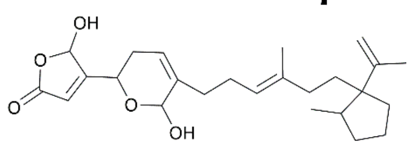
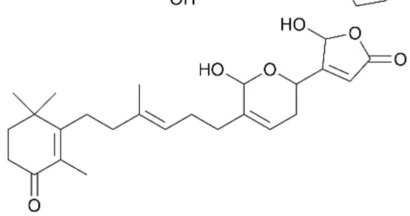
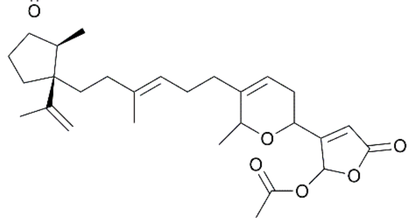
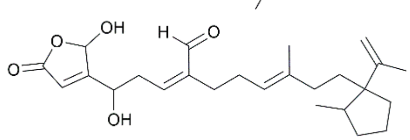
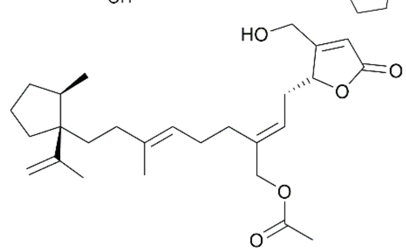
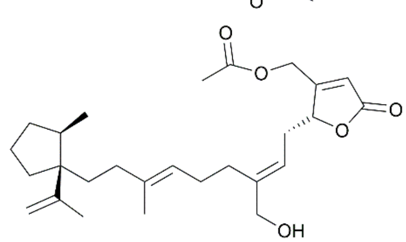
Section 1.5. Structures of monocarbocyclic (MC) sesterterpenoids (with or without hetherocycles)			
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference
MC-1	acantholide E		*Acanthodendrilla* sp. [21]
MC-2	acantholide D		*Acanthodendrilla* sp. [21]
MC-3	diacardiol A		*Diacarnus megaspinorhabdosa* [sic!] [104]
MC-4	phorbin A		*Monanchora* sp. [105]
MC-5	thorectidaeolide A		*Hyrtios communis* [22]
MC-6	thorectidaeolide B		*Hyrtios communis* [22]
MC-7	thorectidaeolide D		*Hyrtios communis* [22]
MC-8	thorectidaeolide E		*Hyrtios communis* [22]
MC-9	sulawesin A		*Psammocinia* sp. [100]
MC-10	sulawesin B		*Psammocinia* sp. [100]
MC-11	thorectidaeolide C		*Hyrtios communis* [22]
MC-12	acantholide A		*Hyrtios communis* [22]

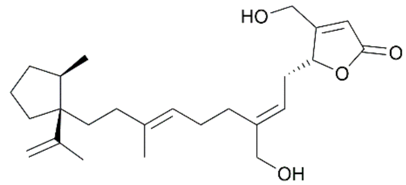
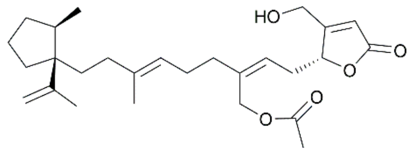
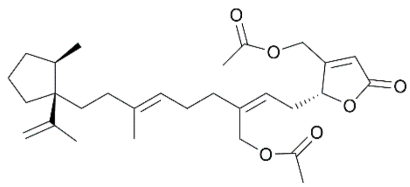
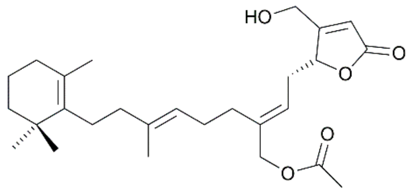
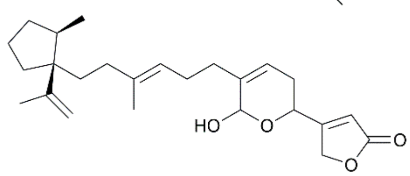
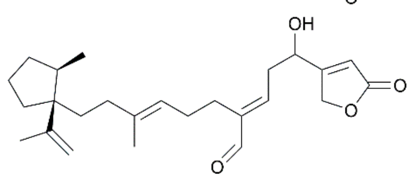
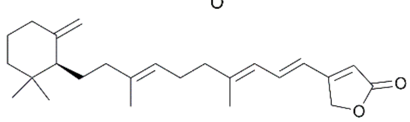
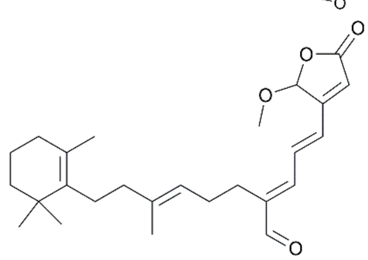
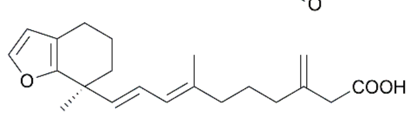
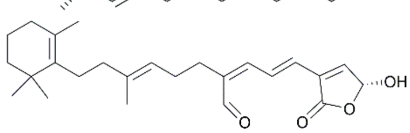
MC-13	manoalide		*Luffariella variabilis* [106-109] *Luffariella* cf. *variabilis* [110]
MC-14	manoalide 25-monoacetate		*Thorectandra excavatus* [90] *Brachiaster* sp. [111] *Luffariella variabilis* [108, 112] *Luffariella* cf. *variabilis* [110]
MC-15	25-acetoxyseco-manoalide		*Luffariella variabilis* [108]
MC-16	(6*E*)-neomanoalide		*Luffariella variabilis* [106] *Hippospongia lachne* [23]
MC-17	(6*Z*)-neomanoalide		*Hippospongia lachne* [23]
MC-18	*E*-neomanoalide-24-al		*Luffariella* sp. [113]
MC-19	24-*O*-ethylmanoalide		*Luffariella* cf. *variabilis* [110]
MC-20	24-*O*-propylmanoalide		*Luffariella* sp. [114]
MC-21	24-*O*-methylmanoalide		*Luffariella* cf. *variabilis* [110]

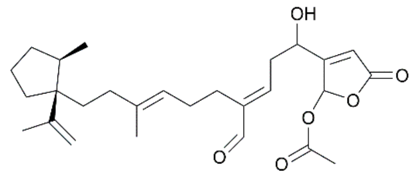
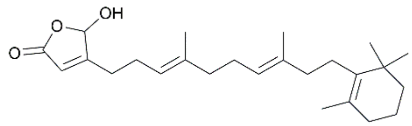
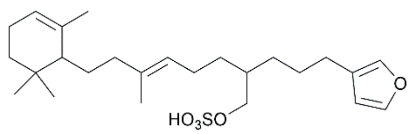
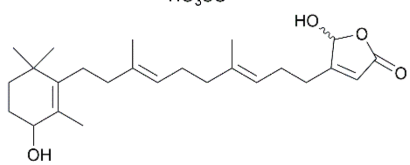
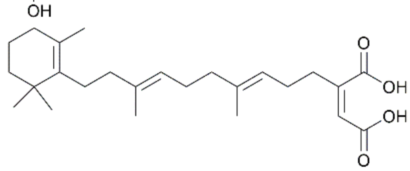
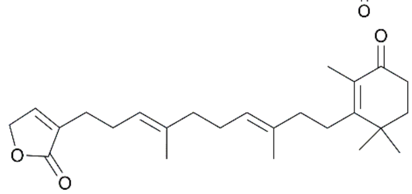
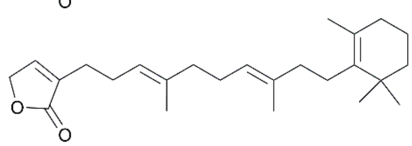
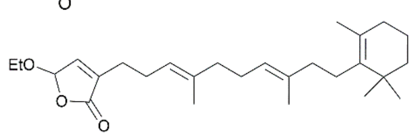
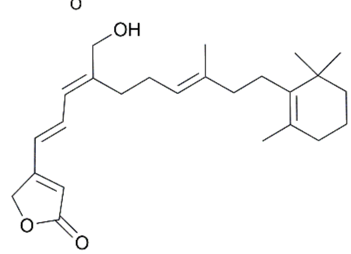
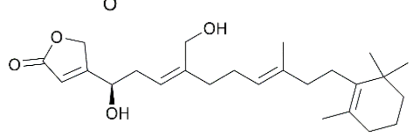
MC-22	deoxymanoalide		*Chromodoris willani* [115]
MC-23	*Z*-2,3-dihydroneomanoalide		*Luffariella* sp. [113]
MC-24	Z-24-acetoxy-2,3-dihydroneomanoalide		*Luffariella* sp. [113]
MC-25	*Z*-24-acetoxyneomanoalide		*Luffariella* sp. [113]
MC-26	6*E*-neomanoalide-24,25-diacetate		*Brachiaster* sp. [111] *Luffariella* sp. [116]
MC-27	6*Z*-neomanoalide-24,25-diacetate		*Brachiaster* sp. [111]
MC-28	secomanoalide		*Luffariella variabilis* [106, 108, 109] *Luffariella* cf. *variabilis* [110]
MC-29	deoxysecomanoalide		*Chromodoris willani* [115]

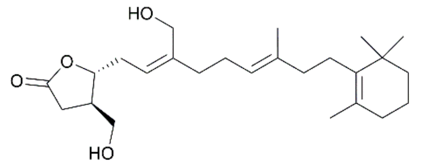
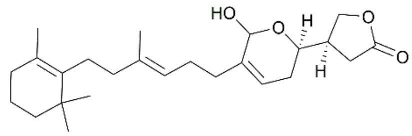
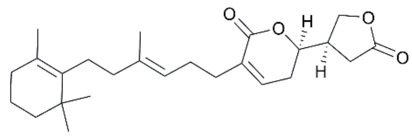
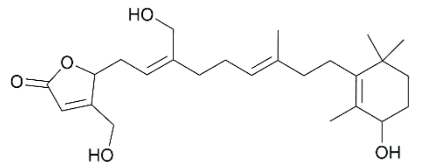
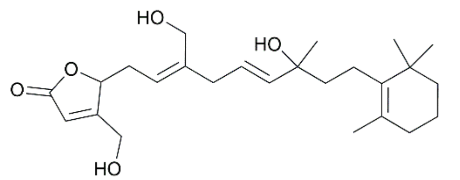
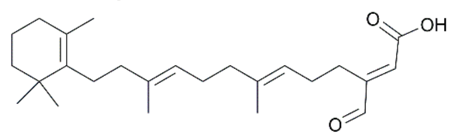
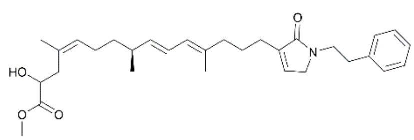
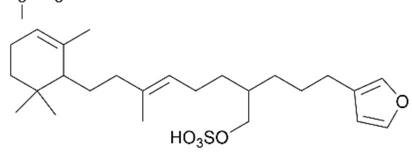
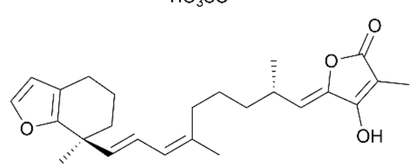
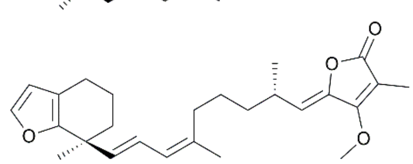
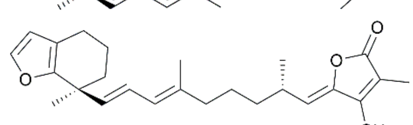
MC-30	aplysinoplide A		*Aplysinopsis digitata* [117]
MC-31	luffariolide H		*Luffariella* sp. [116]
MC-32	luffariolide J		*Luffariella* sp. [116]
MC-33	aplysinoplide B		*Aplysinopsis digitata* [117]
MC-34	aplysinoplide C		*Aplysinopsis digitata* [117]
MC-35	acantholide B		*Hyrtios communis* [22]
MC-36	(+)-muqubilin (= prianicin A)		*Prianos* sp. [118-120] Unidentified sponge [121] *Diacarnus spinopoculum* [122] *Diacarnus erythraenus* [sic!] [37] *Diacarnus erythraeanus* [123] *Diacarnus megaspinorhabdosa* [sic!] [104] Synthesis [124]
MC-37	(−)-muqubilin ((−)-muqubilin A)		*Diacarnus spinopoculum* [122]
MC-38	muqubilin ester		*Prianos* sp. [118-120]
MC-39	hurghaperoxide		*Haplosclerida* sp. [125]

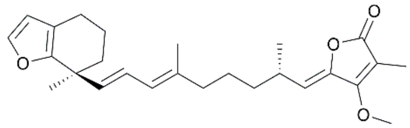
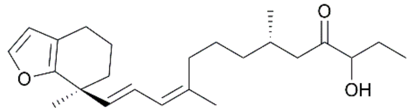
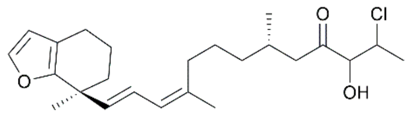
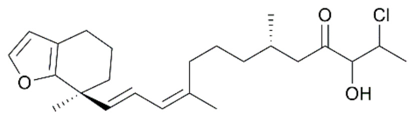
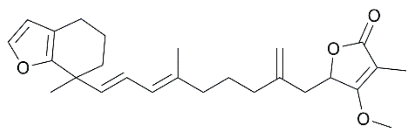
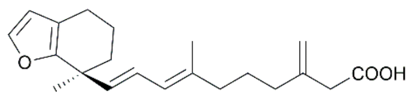
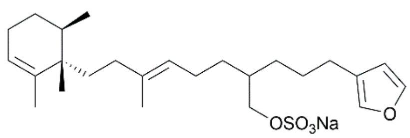
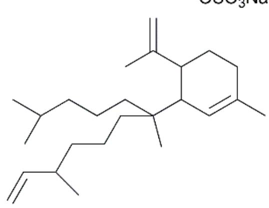
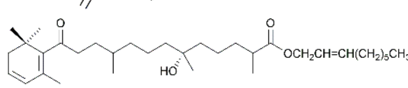
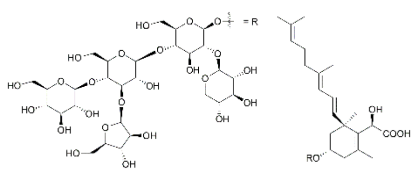
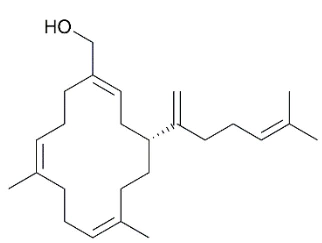
MC-40	tasnemoxide A		*Diacarnus erythraenus* [sic!] [126]
MC-41	tasnemoxide B		*Diacarnus erythraenus* [sic!] [126]
MC-42	tasnemoxide C		*Diacarnus erythraenus* [sic!] [126]
MC-43	4-acetoxythorectidaeolide A		*Hyrtios communis* [22]
MC-44	cyclolinteinol		*Cacospongia* cf. *linteiformis* [127]
MC-45	cyclolinteinol acetate		*Cacospongia* cf. *linteiformis* [127]
MC-46	*epi*-muqubilin A (dubious configurational assignment)		*Diacarnus* cf. *spinopoculum* [122] *Latrunculia* sp. [36]
MC-47	muqubilin B (dubious configurational assignment)		*Diacarnus* cf. *spinopoculum* [122]
MC-48	*epi*-muqubilin B (dubious configurational assignment)		*Diacarnus* cf. *spinopoculum* [122] *Latrunculia* sp. [36] *Diacarnus megaspinorhabdosa* [sic!] [104]

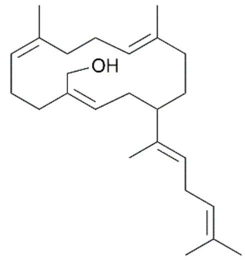
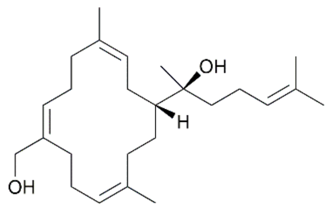
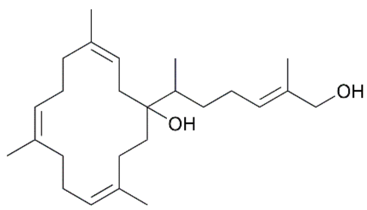
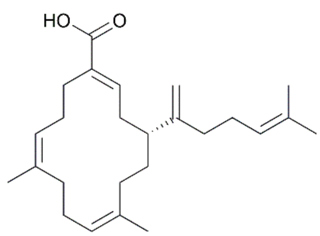
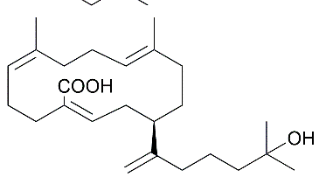
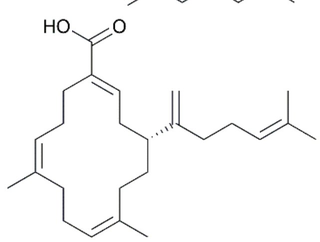
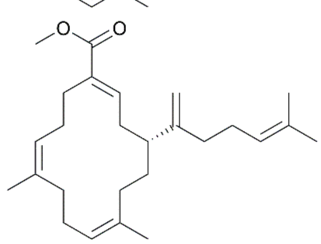
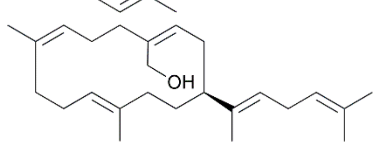
MC-49	diacarnoxide A		*Diacarnus levii* [128]
MC-50	diacarnoxide B		*Diacarnus levii* [128]
MC-51	diacarnoxide C		*Diacarnus levii* [128]
MC-52	diacarnoxide D		*Diacarnus levii* [128]
MC-53	luffariellin A		*Luffariella variabilis* [108, 109]
MC-54	fasciospongide A		*Fasciospongia* sp. [51]
MC-55	25-acetoxyluffariellin A		*Luffariella variabilis* [108]
MC-56	luffariellin B		*Luffariella variabilis* [109]
MC-57	luffalide A		*Luffariella* sp. [129]
MC-58	luffalide B		*Luffariella* sp. [129]

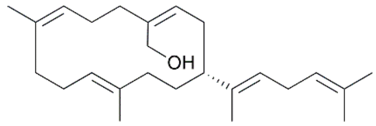
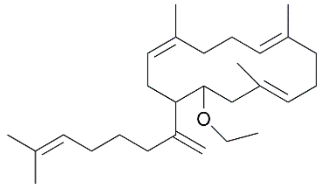
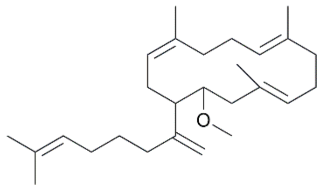
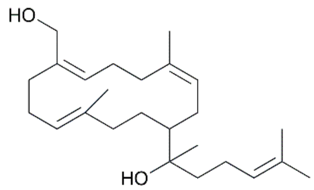
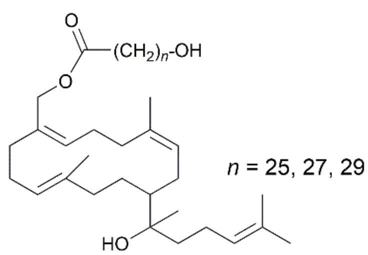
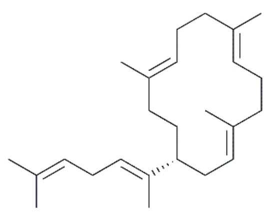
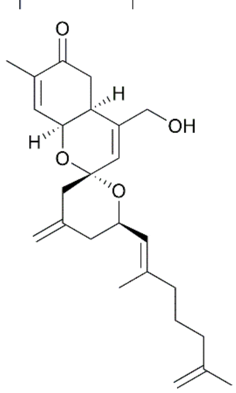
MC-59	luffalide C		*Luffariella* sp. [129]
MC-60	luffalide D		*Luffariella* sp. [129]
MC-61	luffalide E		*Luffariella* sp. [129]
MC-62	luffalide F		*Luffariella* sp. [129]
MC-63	luffariellin C		*Chromodoris funerea* [130]
MC-64	luffariellin D		*Chromodoris funerea* [130]
MC-65	luffarin P		*Luffariella geometrica* [20]
MC-66	(4*E*,6*E*)-dehydro-25-*O*-methylmanoalide		*Luffariella variabilis* [112]
MC-67	untenic acid		Sponge NSOO9 [131]
MC-68	(4*E*,6*E*)-dehydromanoalide		*Luffariella variabilis* [132]

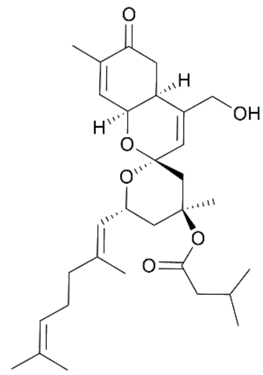
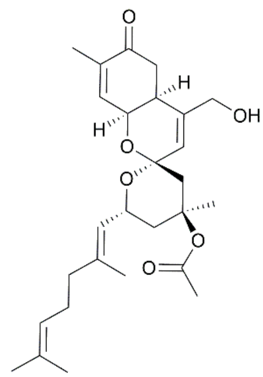
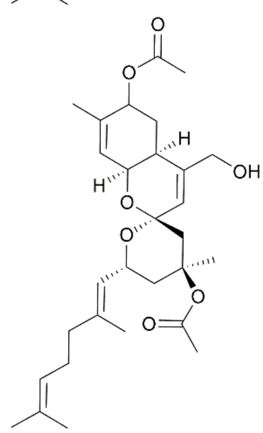
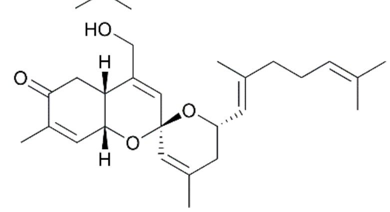
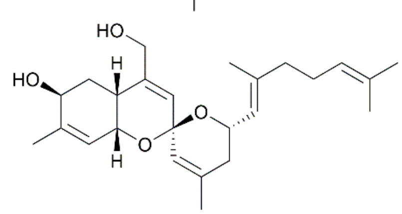
MC-69	25-acetoxyluffariellin B		*Luffariella variabilis* [108]
MC-70	luffariellolide		*Luffariella* sp. [107] *Hyrtios communis* [22] *Fascaplysinopsis* sp. [133] *Dactylospongia elegans* [50] *Suberea* sp. [134] *Acanthodendrilla* sp. [21] *Cacospongia* sp. [135] *Thorectandra* sp. [136] *Spongia irregularis* [137]
MC-71	igernellin		*Igernella* sp. [138]
MC-72	16-hydroxyluffariellolide		*Hyrtios communis* [22] *Thorectandra* sp. [136]
MC-73	dehydroluffariellolide diacid		*Fascaplysinopis reticulata* [139] *Thorectandra* sp. [136]
MC-74	isodehydrouffariellolide		*Fascaplysinopis reticulata* [139] *Hyrtios* cf. *erecta* [sic!] [140]
MC-75	unnamed monocarbocyclic sesterterpene (reported as compound 1)		*Hyrtios* cf. *erecta* [sic!] [140]
MC-76	unnamed monocarbocyclic sesterterpene (reported as compound 2)		*Hyrtios* cf. *erecta* [sic!] [140]
MC-77	luffariolide A		*Luffariella* sp. [141]
MC-78	luffariolide B		*Luffariella* sp. [141]

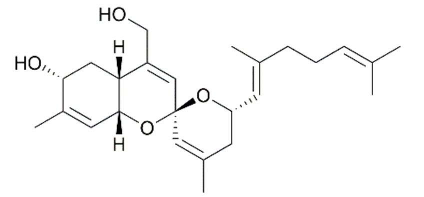
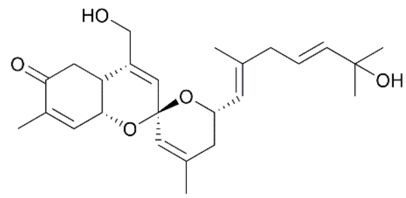
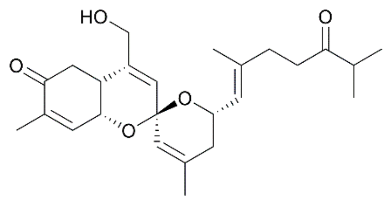
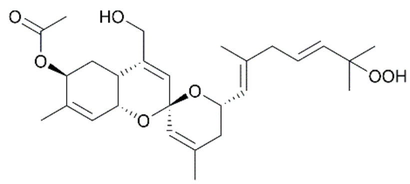
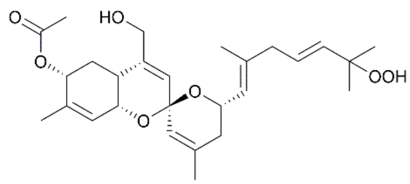
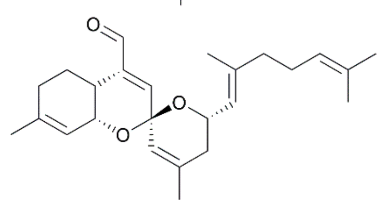
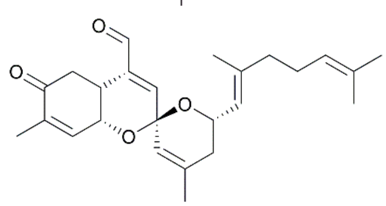
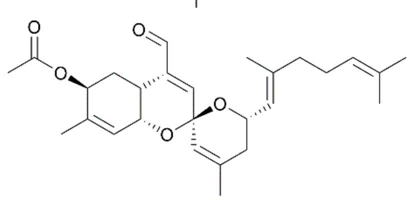
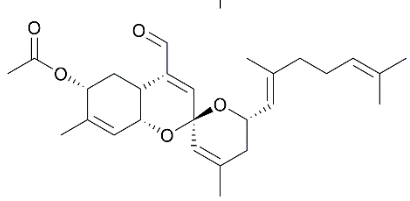
MC-79	luffariolide C		*Luffariella* sp. [141]
MC-80	luffariolide D		*Luffariella* sp. [141]
MC-81	luffariolide E		*Luffariella* sp. [141]
MC-82	luffariolide F		*Luffariella* sp. [142]
MC-83	luffariolide G		*Luffariella* sp. [142]
MC-84	(2*E*,6*E*,10*E*)-3-formyl-7,11-dimethyl-13-(2,6,6-trimethylcyclohex-1-enyl)trideca-2,6,10-trienoic acid		*Thorectandra* sp. [136]
MC-85	sarcotragin A		*Sarcotragus* sp. [41]
MC-86	hipposulfate C		*Spongia irregularis* [137]
MC-87	unnamed monocarbocyclic sesterterpene (reported as compound 1)		*Ircinia* sp. [143]
MC-88	unnamed monocarbocyclic sesterterpene (reported as compound 2)		*Ircinia* sp. [143]
MC-89	unnamed monocarbocyclic sesterterpene (reported as compound 3)		*Ircinia* sp. [143]

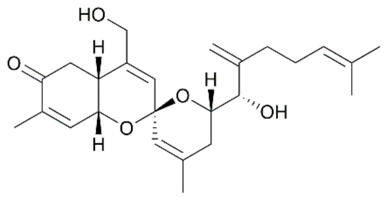
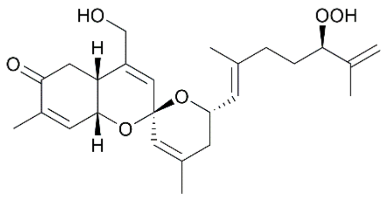
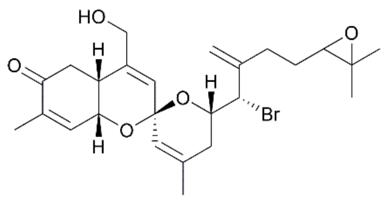
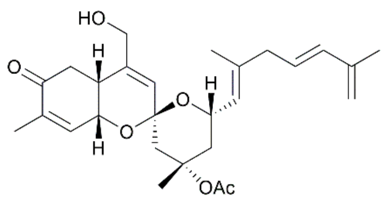
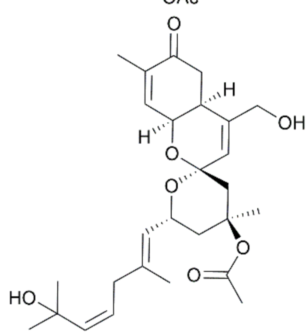
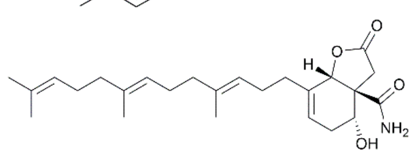
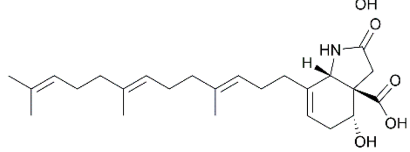
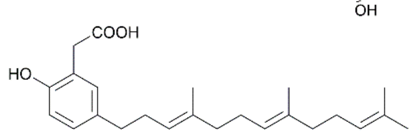
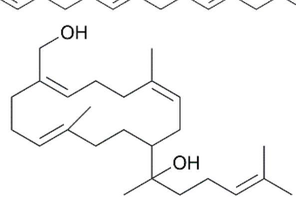
MC-90	unnamed monocarbocyclic sesterterpene (reported as compound 4)		*Ircinia* sp. [143]
MC-91	unnamed monocarbocyclic sesterterpene (reported as compound 5)		*Ircinia* sp. [143]
MC-92	unnamed monocarbocyclic sesterterpene (reported as compound 6)	 22,23 anti	*Ircinia* sp. [143]
MC-93	unnamed monocarbocyclic sesterterpene (reported as compound 7)	 22,23 syn	*Ircinia* sp. [143]
MC-94	unnamed monocarbocyclic sesterterpene (reported as compound 8)		*Ircinia* sp. [143]
MC-95	unnamed monocarbocyclic sesterterpene (reported as compound 9)		*Ircinia* sp. [143]
MC-96	halisulfate 2		Halichondriidae sp. [144] *Dysidea* sp. [145]
MC-97	polyunsaturated sesterterpene I		*Rhizosolenia setigera* [11]
MC-98	*n*-non-2'-en-1'-yl-13(15,19,19-trimethyl-cyclohex-14, 16-dienyl)-2,6,10-trimethyl-tetradec-6-ol-13-on-1-oate		*Hemidesmus indicus* [146]
MC-99	3-[6-(4,8-dimethyl-nona-1,3,7-trienyl)-4-hydroxy2,6-dimethyl-cyclohex-1-enyl]-3-hydroxypropionic acid 1 glucoside		*Woodwardia virginica* [147]
MC-100	cericerol-I		*Ceroplastes ceriferus* [148-151]

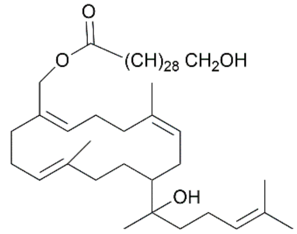
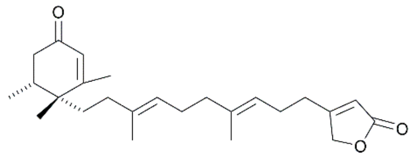
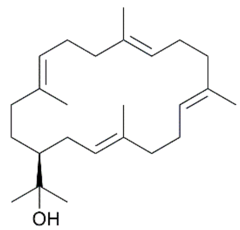
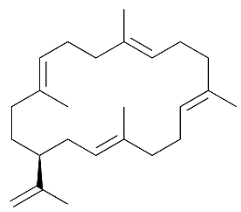
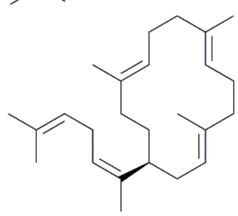
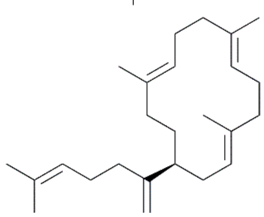
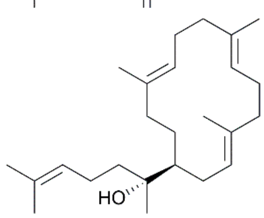
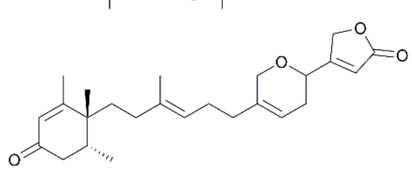
MC-101	α-cericerol-I		*Ceroplastes ceriferus* [149]
MC-102	cericerol-II		*Ceroplastes ceriferus* [149]
MC-103	albocerol		*Ceroplastes albolineatus* [152]
MC-104	cericeroic acid		*Ceroplastes ceriferus* [149, 151, 153]
MC-105	18-dihydro-19-hydroxycericeroic acid		*Ceroplastes ceriferus* [151, 153]
MC-106	ceriferic acid		*Ceroplastes ceriferus* [151, 153-155]
MC-107	ceriferic acid-I		*Ceroplastes ceriferus* [151]
MC-108	ceriferol		*Ceroplastes ceriferus* [151, 153, 156]

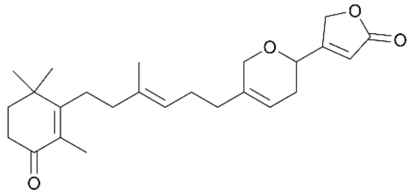
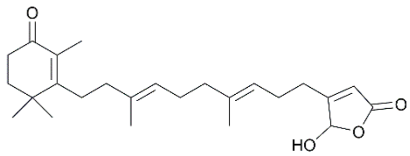
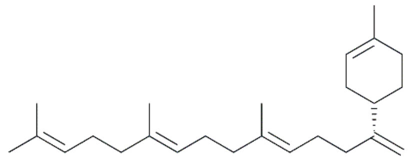
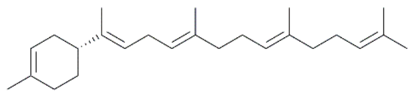
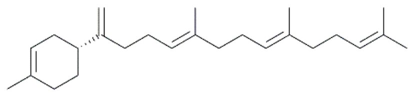
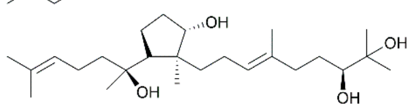
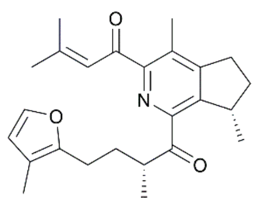
MC-109	ceriferol-I		*Ceroplastes ceriferus* [151]
MC-110	13-ethoxycericerene		*Ceroplastes ceriferus* [149, 151]
MC-111	13-methoxycericerene		*Ceroplastes ceriferus* [149, 151]
MC-112	(2*Z*,6*Z*,10*E*)-cericerene-15,24-diol		*Ceroplastes pseudoceriferus* [157]
MC-113	24-(ω-hydroxy fatty acid) ester of (2*Z*,6*Z*,10*E*)-cericerene-15,24-diol		*Ceroplastes pseudoceriferus* [157]
MC-114	(2*E*)-α-cericerene		*Emericella variecolor* [158, 159] *Escherichia coli* [160] *Leucosceptrum canum* [159]
MC-115	(-)-alotaketal A		*Hamigera* sp. [161]

MC-116	alotaketal B		*Hamigera* sp. [161]
MC-117	alotaketal C		*Hamigera* sp. [161] *Phorbas* sp. [162, 163]
MC-118	alotaketal D		*Hamigera* sp. [161] *Phorbas* sp. [163]
MC-119	phorbaketal A		*Monanchora* sp. [105] *Phorbas* sp. [164]
MC-120	phorbaketal B		*Monanchora* sp. [105] *Phorbas* sp. [164]

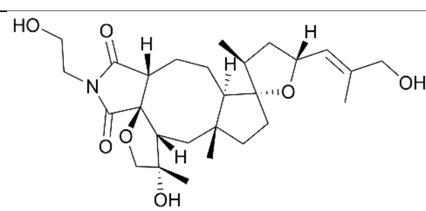
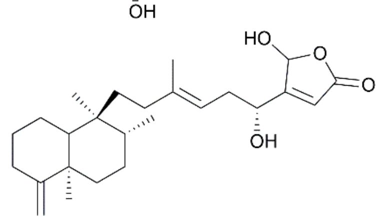
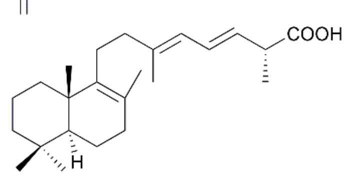
MC-121	phorbaketal C		*Monanchora* sp. [105] *Phorbas* sp. [164]
MC-122	phorbaketal D		*Monanchora* sp. [105]
MC-123	phorbaketal E		*Monanchora* sp. [105]
MC-124	phorbaketal F		*Monanchora* sp. [105]
MC-125	phorbaketal G		*Monanchora* sp. [105]
MC-126	phorbaketal H		*Monanchora* sp. [105]
MC-127	phorbaketal I		*Monanchora* sp. [105]
MC-128	phorbaketal J		*Monanchora* sp. [105]
MC-129	phorbaketal K		*Monanchora* sp. [105]

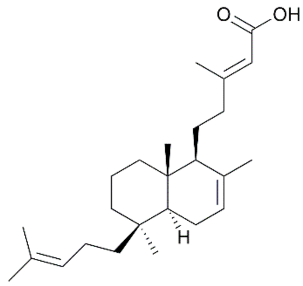
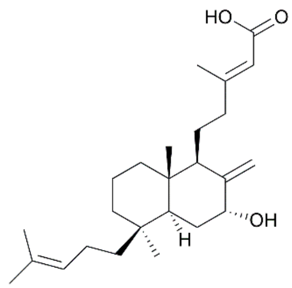
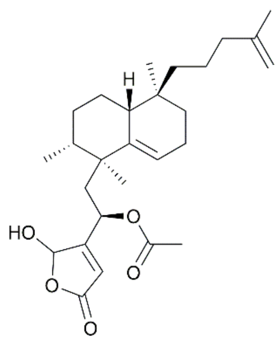
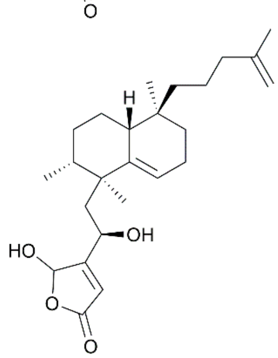
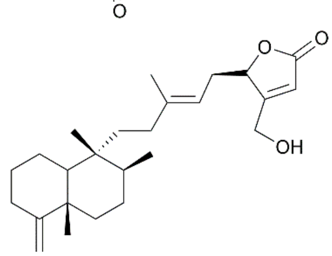
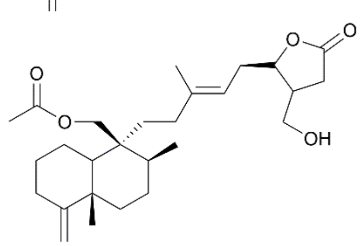
MC-130	phorbaketal L		*Phorbas* sp. [165]
MC-131	phorbaketal M		*Phorbas* sp. [165]
MC-132	phorbaketal N		*Phorbas* sp. [165]
MC-133	unnamed spiroketal sesterterpene (reported as spiroketal)		*Monanchora* sp. [166]
MC-134	alotaketal E		*Phorbas* sp. [163]
MC-135	unnamed monocarbocyclic sesterterpene (reported as compound 2)		*Hippospongia lachne* [9]
MC-136	unnamed monocarbocyclic sesterterpene (reported as compound 3)		*Hippospongia lachne* [9]
MC-137	unnamed monocarbocyclic sesterterpene (reported as compound 4)		*Hippospongia lachne* [9]
MC-138	2*Z*,6*Z*,10*E*-cericerene-15,24-diol		*Ceroplastes pseudoceriferus* [157]

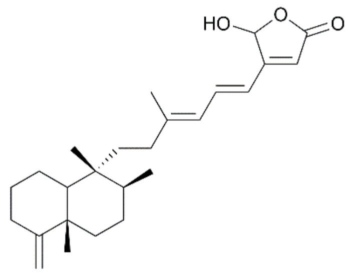
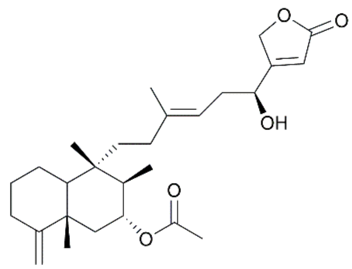
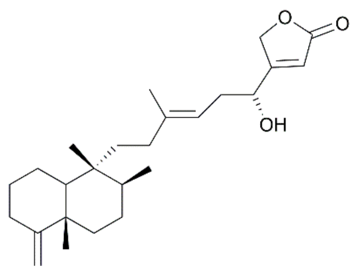
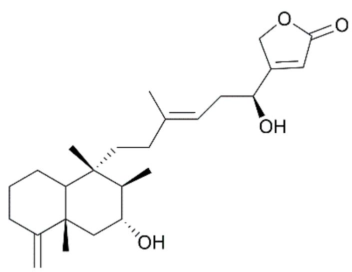
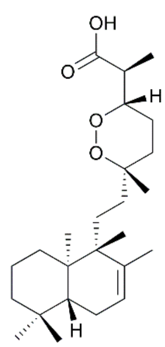
MC-139	2*Z*,6*Z*,10*E*-cericerene-15,24-diol-30-triacontanoate		*Ceroplastes pseudoceriferus* [157]
MC-140	cyclolinteinon		*Cacospongia* cf. *linteiformis* [167]
MC-141	(*S*,2*E*,6*E*,10*E*,14*E*)-3,7,11,15-tetramethyl-18-(1-hydroxyisopropyl)cyclooctadecatetraene		*Leucosceptrum canum/Nicotiana benthamiana* [168]
MC-142	(S,2*E*,6*E*,10*E*,14*E*)-3,7,11,15-tetramethyl-18-(1-methylethenyl)cyclooctadecatetraene		*Leucosceptrum canum/Nicotiana benthamiana* [168]
MC-143	(*S*,2*E*,15*Z*)-α-cericerene		*Leucosceptrum canum/Nicotiana benthamiana* [168]
MC-144	(*S*,2*E*)-cericerene		*Leucosceptrum canum/Nicotiana benthamiana* [168]
MC-145	(14*S*,15*R*,2*E*)-15-hydroxy-α-cericerene		*Leucosceptrum canum/Nicotiana benthamiana* [168]
MC-146	oshimalide A		*Luffariella* sp. [169]

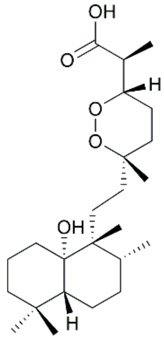
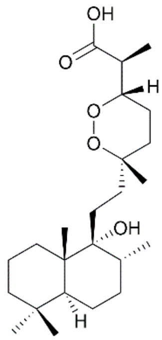
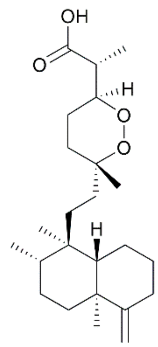
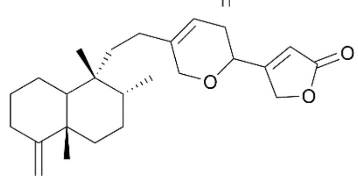
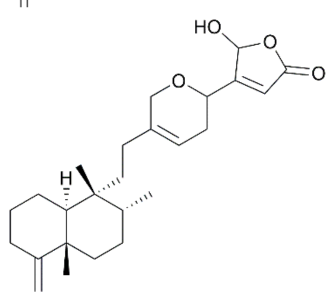
MC-147	oshimalide B		*Luffariella* sp. [169]
MC-148	16-oxoluffariellolide		*Thorectandra* sp. [136]
MC-149	(-)-somaliensene B		*Streptomyces somaliensis* [170]
MC-150	(+)-α-geranylbisabolene		*Colquhounia coccinea var. mollis/Escherichia coli* [171]
MC-151	(+)-somaliensene B		*Colquhounia coccinea var. mollis/Escherichia coli* [171]
MC-152	postrediene F		*Pleurotus ostreatus* SY10 [14]
MC-153	leucosceptrodine		*Leucosceptrum canum* [172]

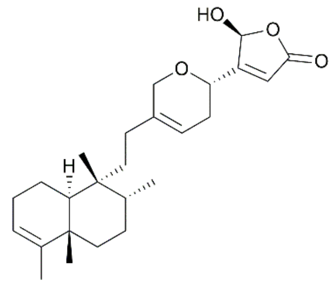
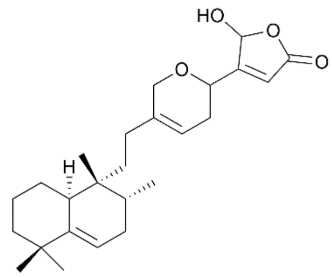
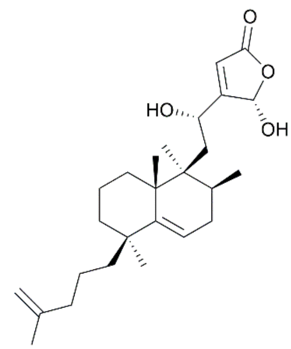
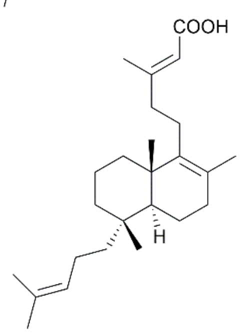
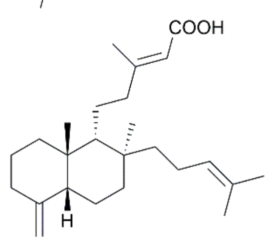
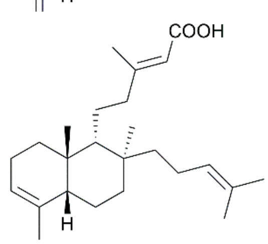
Section 1.6. Structures of dicarbocyclic (DC) sesterterpenoids (with and without hetherocycles)

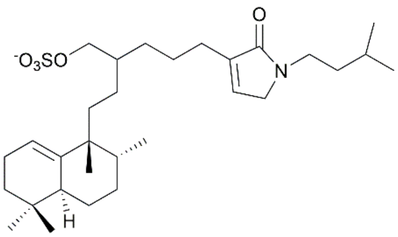
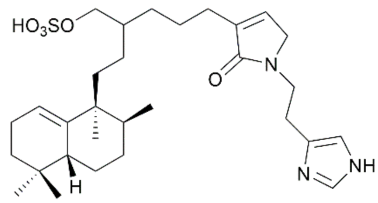
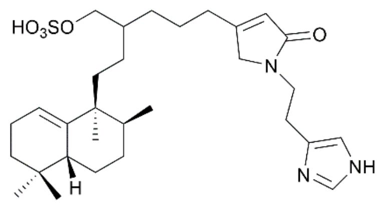
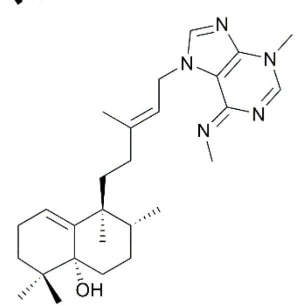
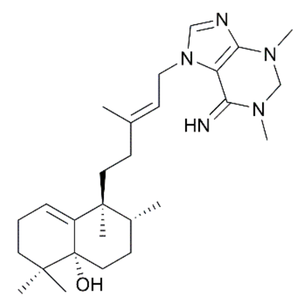
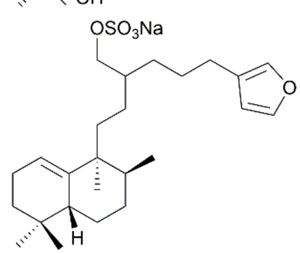
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference
DC-1	bipolarolide E		*Bipolaris* sp. TJ403-B1 [173]
DC-2	palauolol		*Fascaplysinopsis* sp. [174] *Thorectandra* sp. [175]
DC-3	unnamed dicarbocyclic sesterterpene (reported as compound 5)		*Latrunculia brevis* [176]

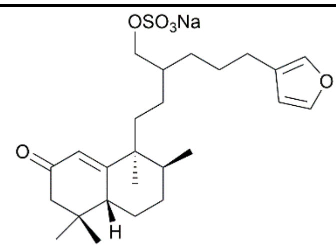
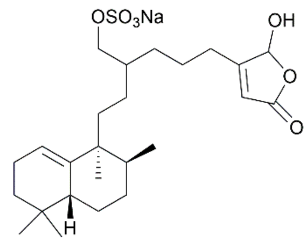
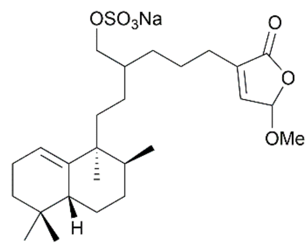
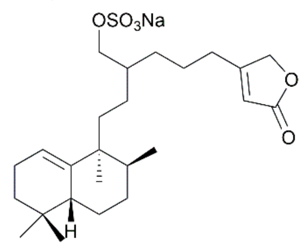
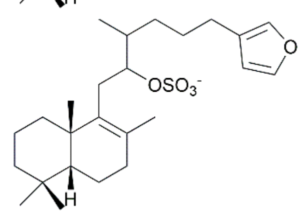
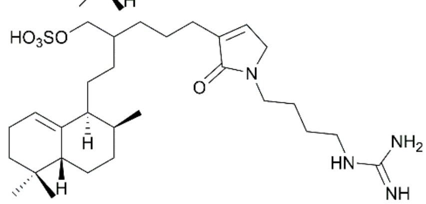
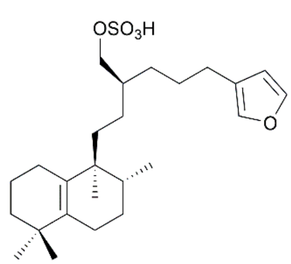
DC-4	kohamaic acid A		*Ircinia* sp. [177]
DC-5	kohamaic acid B		*Ircinia* sp. [177]
DC-6	cladocoran A		*Cladocora cespitosa* [sic!] [178]
DC-7	cladocoran B		*Cladocora cespitosa* [sic!] [178]
DC-8	thorectandrol A		*Thorectandra* sp. [175]
DC-9	thorectandrol B		*Thorectandra* sp. [175]

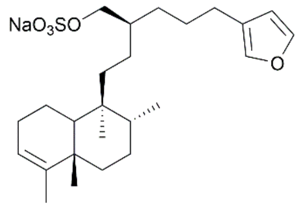
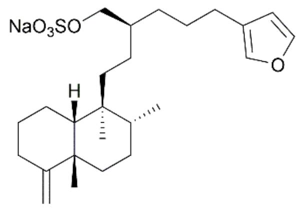
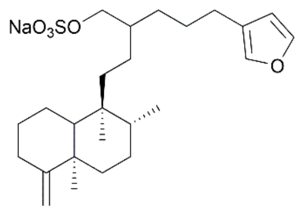
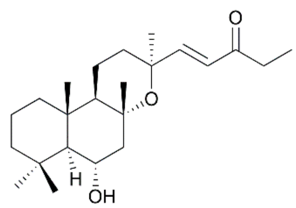
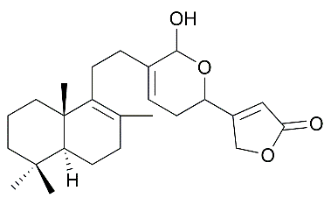
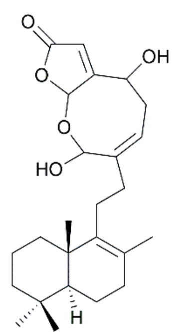
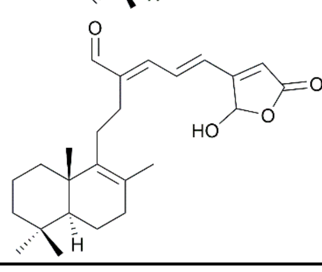
DC-10	palauolide		Unidentified sponge from Palau [179] *Thorectandra* sp. [86]
DC-11	thorectandrol C		*Thorectandra* sp. [86]
DC-12	thorectandrol D		*Thorectandra* sp. [86]
DC-13	thorectandrol E		*Thorectandra* sp. [86]
DC-14	unnamed dicarbocyclic sesterterpene (reported as compound 1)		*Mycale* (*Carmia*) cf. *spongiosa* [180]

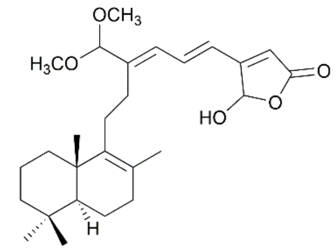
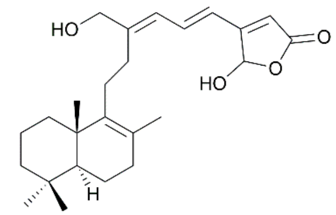
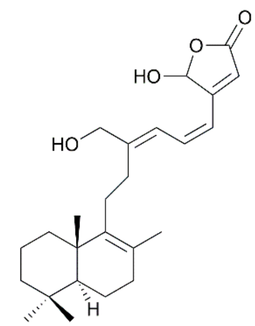
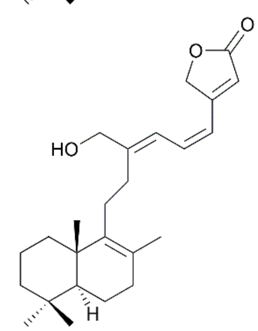
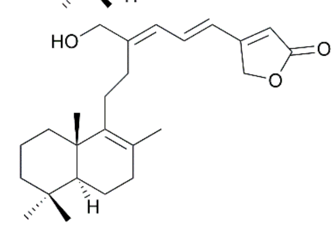
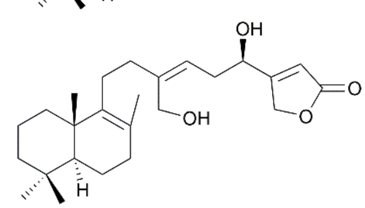
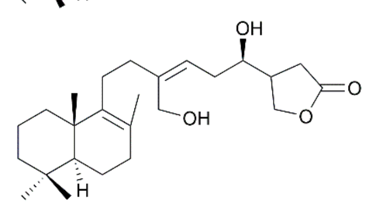
DC-15	mycaperoxide A		*Mycale* sp. [181]
DC-16	mycaperoxide B		*Mycale* sp. [181]
DC-17	sigmosceptrellin B (= prianicin B) (dubious configurational assignment) (reported as compound 2)		*Mycale* (*Carmia*) cf. *spongiosa* [180] *Prianos* sp. [120] *Sigmosceptrella laevis* [121, 182] *Diacarnus erythraeanus* [123]
DC-18	25-deoxycacospongionolide B		*Fasciospongia cavernosa* [183]
DC-19	cacospongionolide B		*Fasciospongia cavernosa* [183]

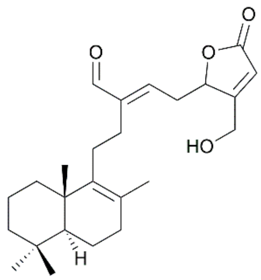
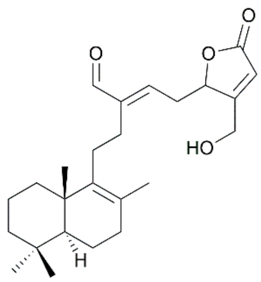
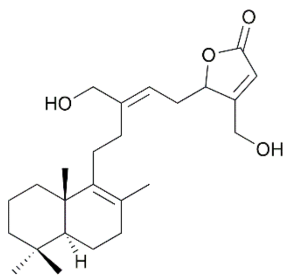
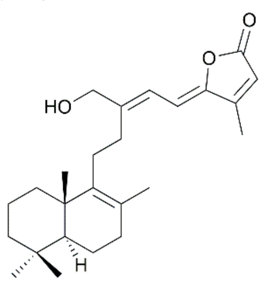
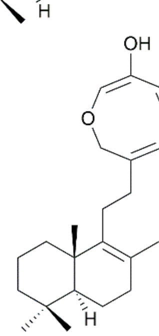
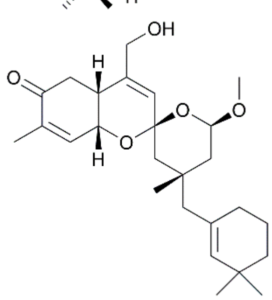
DC-20	cacospongionolide E		*Fasciospongia cavernosa* [184]
DC-21	cacospongionolide F		*Fasciospongia cavernosa* [185]
DC-22	dysidiolide		*Dysidea etheria* [186]
DC-23	dysideapalaunic acid		*Dysidea* sp. [187]
DC-24	bilosespene A		*Dysidea cinerea* [188]
DC-25	bilosespene B		*Dysidea cinerea* [188]

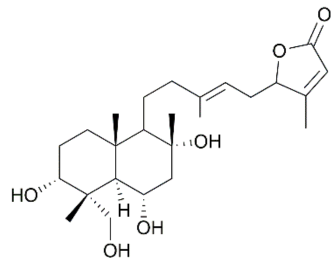
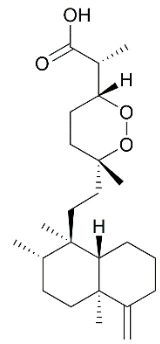
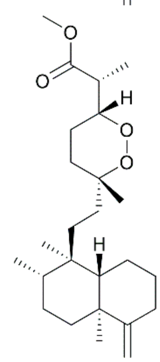
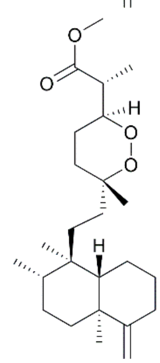
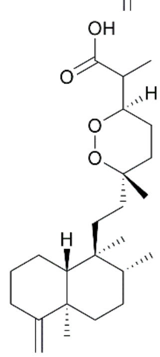
DC-26	irregularasulfate		*Spongia irregularis* [137]
DC-27	fasciospongine A		*Fasciospongia* sp. [189]
DC-28	fasciospongine B		*Fasciospongia* sp. [189]
DC-29	(+)-agelisamine-A		*Agelas mauritiana* [190]
DC-30	(+)-agelisamine-B		*Agelas mauritiana* [190]
DC-31	halisulfate 7		*Spongia irregularis* [137] *Fasciospongia* sp. [191]

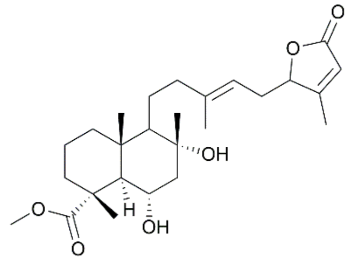
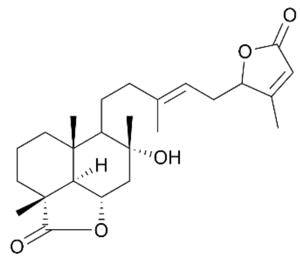
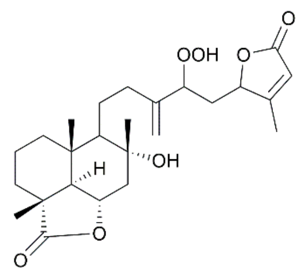
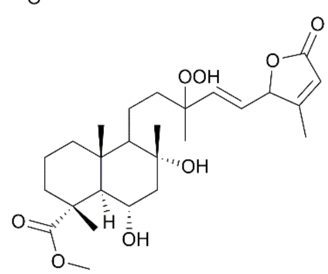
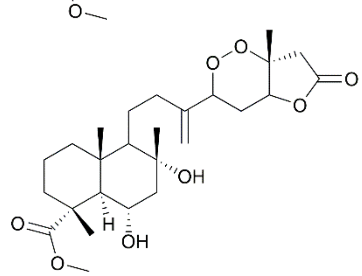
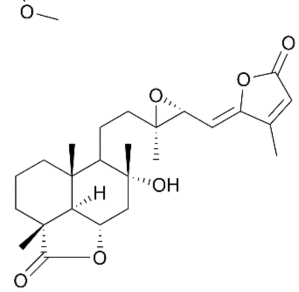
DC-32	halisulfate 8		*Darwinella australensis* [192]
DC-33	25-hydroxyhalisulfate 9		*Fasciospongia* sp. [191]
DC-34	halisulfate 10		*Darwinella australensis* [192]
DC-35	halisulfate 9		*Darwinella australensis* [192] *Fasciospongia* sp. [191]
DC-36	sch 599473		*Ircinia* sp. [193]
DC-37	fasciospongine C		*Fasciospongia* sp. [191]
DC-38	halisulfate 3		Marine sponge of the family Halichondriidae [144] *Igernella* sp. [138] *Dysidea* sp. [145]

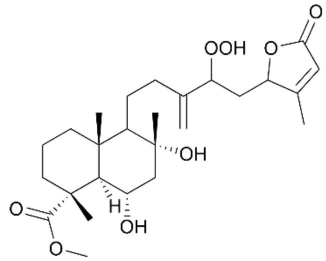
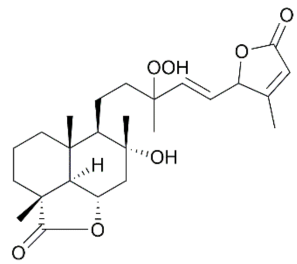
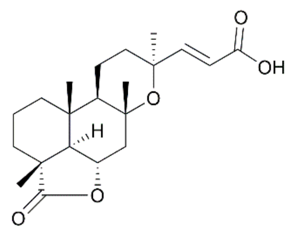
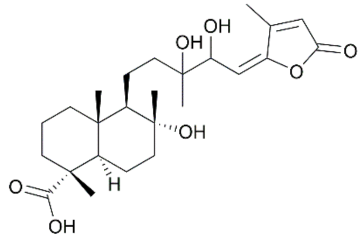
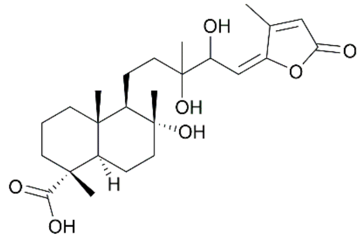
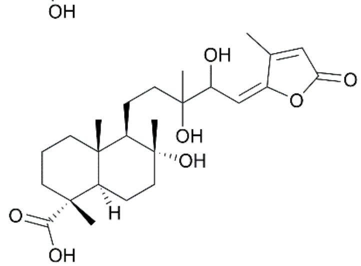
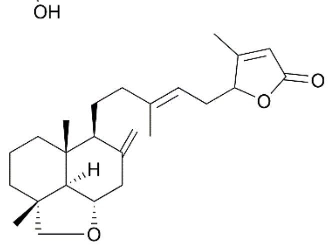
DC-39	halisulfate 4		Marine sponge of the family Halichondriidae [144]
DC-40	halisulfate 5		Marine sponge of the family Halichondriidae [144] *Hippospongia* sp. [194] *Dysidea* sp. [145]
DC-41	halisulfate 6		Marine sponge of the family Halichondriidae [144]
DC-42	13-*epi*-yosgadensenol		*Salvia yosgadensis* [195]
DC-43	luffarin A		*Luffariella geometrica* [20]
DC-44	luffarin B		*Luffariella geometrica* [20]
DC-45	luffarin C		*Luffariella geometrica* [20]

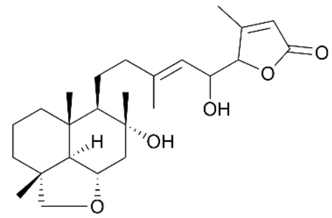
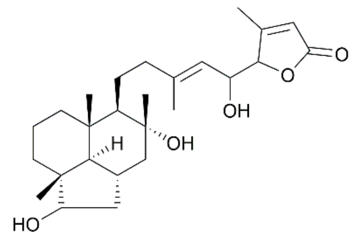
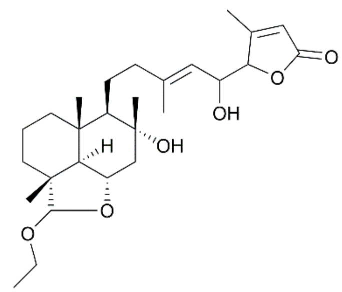
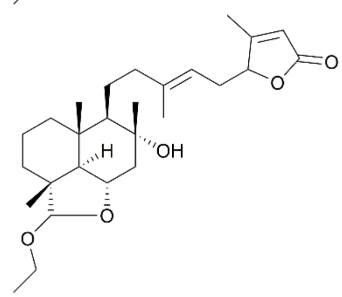
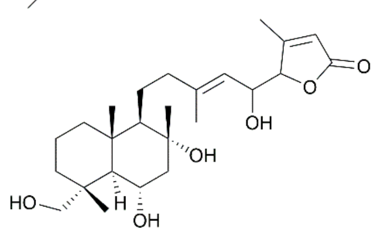
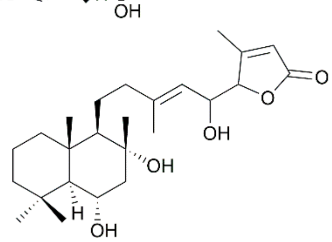
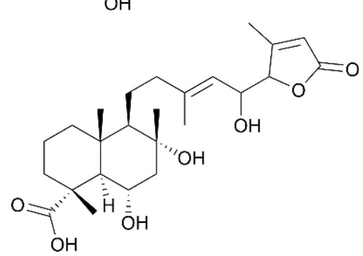
DC-46	luffarin D		*Luffariella geometrica* [20]
DC-47	luffarin E		*Luffariella geometrica* [20]
DC-48	luffarin F		*Luffariella geometrica* [20]
DC-49	luffarin G		*Luffariella geometrica* [20]
DC-50	luffarin H		*Luffariella geometrica* [20]
DC-51	luffarin I		*Luffariella geometrica* [20]
DC-52	luffarin J		*Luffariella geometrica* [20]

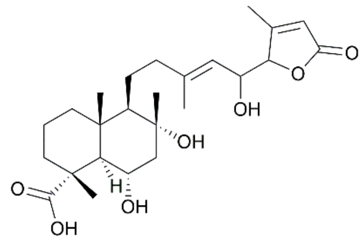
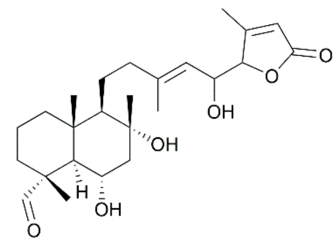
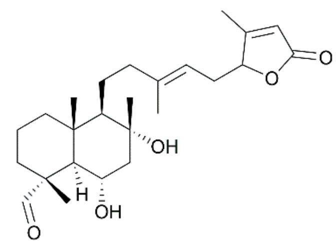
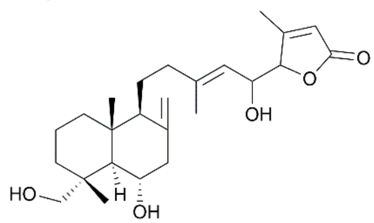
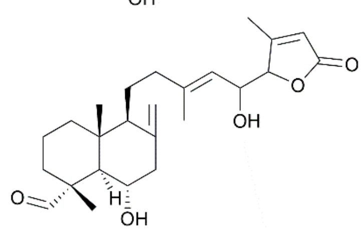
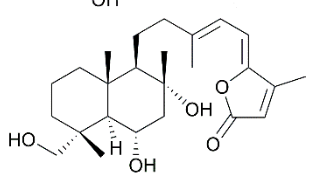
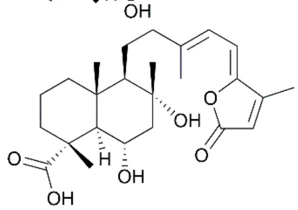
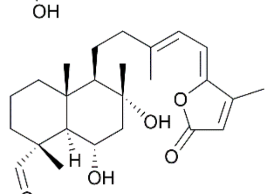
DC-53	luffarin K		*Luffariella geometrica* [20]
DC-54	luffarin M		*Luffariella geometrica* [20]
DC-55	luffarin L		*Luffariella geometrica* [20]
DC-56	luffarin N		*Luffariella geometrica* [20]
DC-57	luffarin O		*Luffariella geometrica* [20]
DC-58	unnamed dicarbocyclic sesterterpene (reported as compound 1)		*Haliclona* sp. [196]

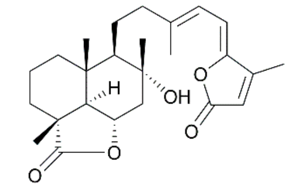
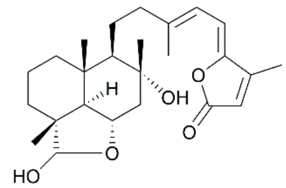
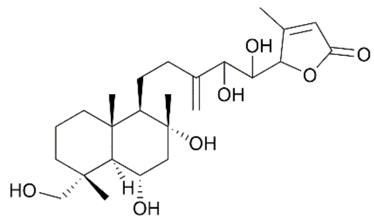
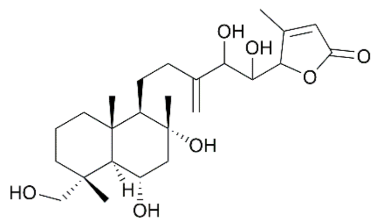
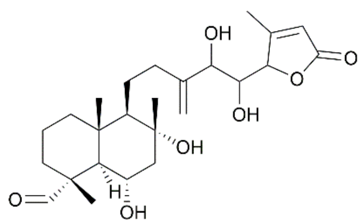
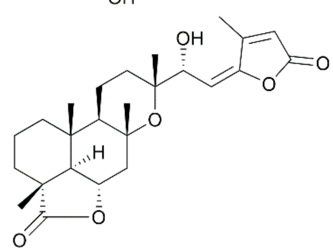
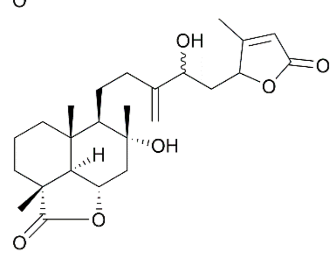
DC-59	salvisyriacolide		*Salvia syriaca* [197]
DC-60	sigmosceptrellin A		*Sigmosceptrella laevis* [182, 198] *Latrunculia* sp. [36] unidentified sponge [62]
DC-61	sigmosceptrellin A methyl ester		*Sigmosceptrella laevis* [198] *Latrunculia* sp. [36]
DC-62	sigmosceptrellin-B methyl ester		*Latrunculia* sp. [36] *Sigmosceptrella laevis* [182] *Prianos* sp. [120] unidentified sponge [62]
DC-63	sigmosceptrellin-C		*Sigmosceptrella laevis* [182]

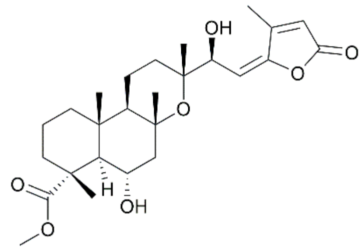
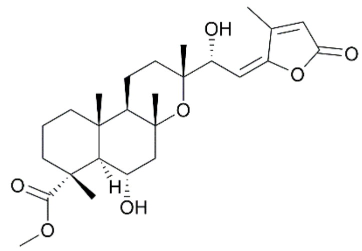
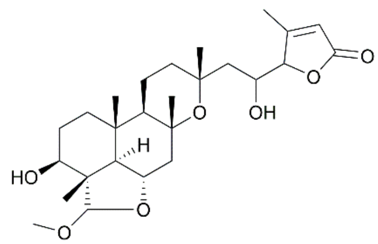
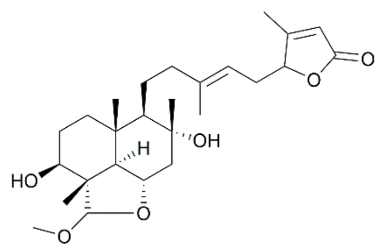
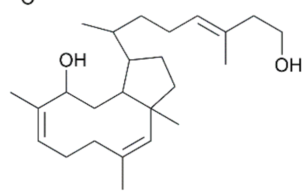
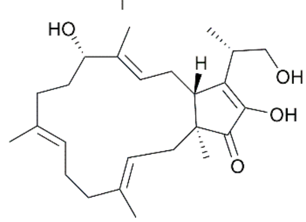
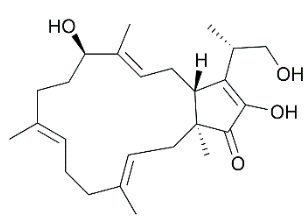
DC-64	salvileucolide methyl ester		*Salvia hypoleuca* [199] *Salvia tingitana* [200]
DC-65	salvileucolide-6,23-lactone		*Salvia hypoleuca* [199] *Salvia tingitana* [200]
DC-66	14-hydroperoxy-13(21)-dehydro-13,14-dihydrosaluileucolide-6,23-lactone		*Salvia hypoleuca* [201]
DC-67	salvileucolide-hydroperoxide 2		*Salvia hypoleuca* [201]
DC-68	salvileucolide-cyclic peroxide		*Salvia hypoleuca* [201]
DC-69	salvileucolide-lactone (15,16-deidrosalvileucolide-6,23-lactone-trans-epoxide)		*Salvia hypoleuca* [201]

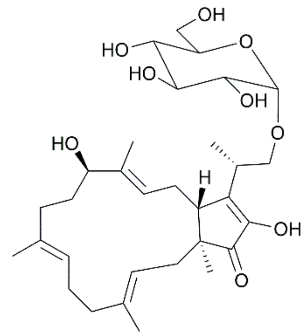
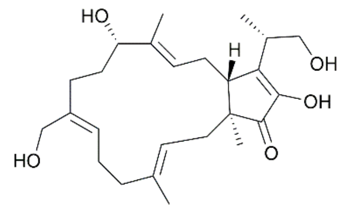
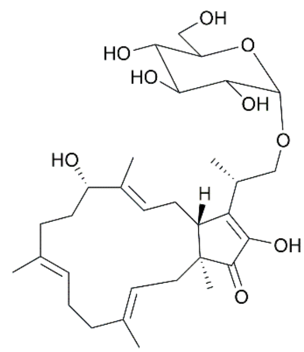
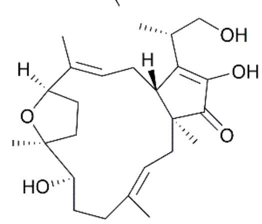
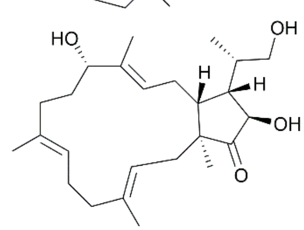
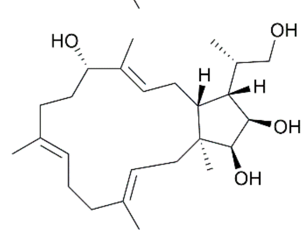
DC-70	unnamed dicarbocyclic sesterterpene (reported as hydroperoxide 4)		*Salvia hypoleuca* [201]
DC-71	8*R*-hydroxy-13-hydroperoxylabd-14,17-dien-19,16,23,6α-di-olide		*Salvia sahendica* [202]
DC-72	17,18,19,20-tetranor-13-*epi*-manoyloxide-14-en-16-oic acid-23,6α-olide		*Salvia sahendica* [202]
DC-73	8α,13,14-threo-trihydroxy-labd-15,17-dien-16,19-olide-23 oic acid		*Salvia palaestina* [203]
DC-74	8α,13,14-erythro-trihydroxy-labd-15,17-dien-16,19-olide-28-oic acid		*Salvia palaestina* [203]
DC-75	3α,8α,13,14-erythro-tetrahydroxy-labd-15,17-dien-16,19-olide		*Salvia palaestina* [203]
DC-76	23,6α-epoxy-labd-8,13(14),17-trien-16(*R*),19-olide		*Salvia dominica* [204]

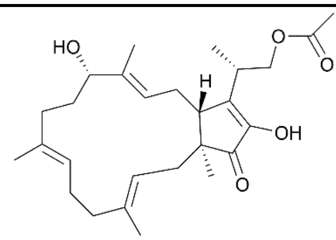
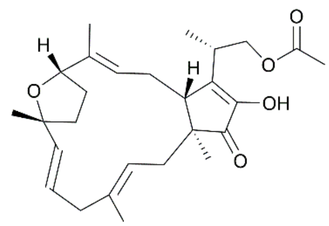
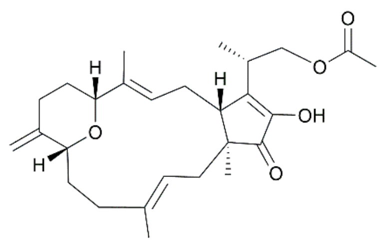
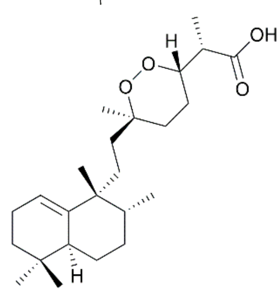
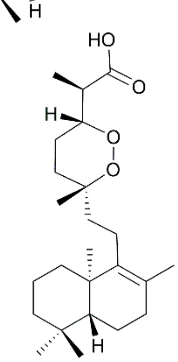
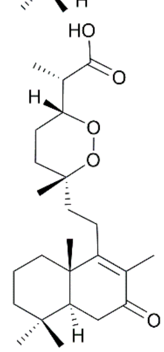
DC-77	8α,15(*S*)-dihydroxy-23,6α-epoxy-labd-13(14),17-dien-16(*S*),19-olide		*Salvia dominica* [204]
DC-78	8α,15(*S*),23α-trihydroxy-23,6α-epoxy-labd-13(14),17-dien-16(*S*),19-olide		*Salvia dominica* [204]
DC-79	8α,15(*S*)-dihydroxy-23α-*O*-ethyl-23,6α-epoxy-labd-13(14),17-dien-16(*S*),19-olide		*Salvia dominica* [204]
DC-80	8α-hydroxy-23α-*O*-ethyl-23,6α-epoxy-labd-13(14),17-dien-16(*R*),19-olide		*Salvia dominica* [204]
DC-81	6α,8α,15(*S*),23-tetrahydroxy-labd-13(14),17-dien-16(*S*),19-olide		*Salvia dominica* [204]
DC-82	6α,8α,15(*S*)-trihydroxy-labd-13(14),17-dien-16(*S*),19-olide		*Salvia dominica* [204]
DC-83	6α,8α,15(*S*)-trihydroxy-23-carbossi-labd-13(14),17-dien-16(*S*),19-olide		*Salvia dominica* [204]

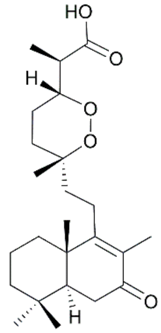
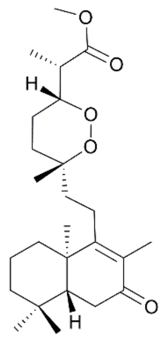
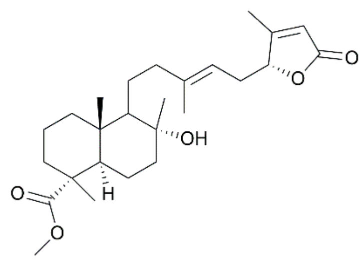
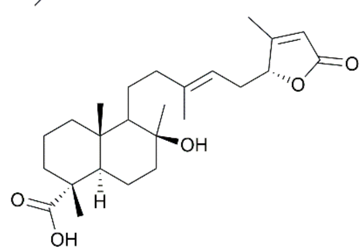
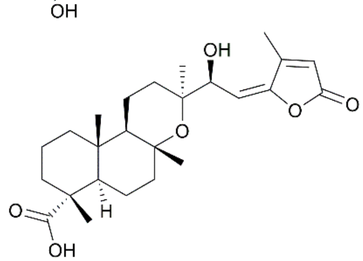
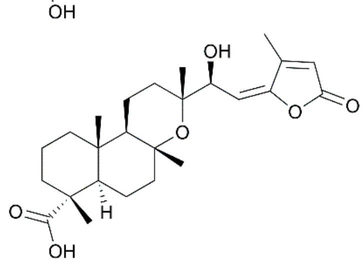
DC-84	6α,8α-dihydroxy-23-carbossi-labd-13(14),17-dien-16,19-olide		*Salvia dominica* [204]
DC-85	6α,8α,15(*S*)-trihydroxy-23-oxo-labd-13(14),17-dien-16(*S*),19-olide		*Salvia dominica* [204]
DC-86	6α,8α-dihydroxy-23-oxo-labd-13(14),17-dien-16(*R*),19-olide		*Salvia dominica* [204]
DC-87	6α,15(*S*),23-trihydroxy-labd-8(22),13(14),17-trien-16(*S*),19-olide		*Salvia dominica* [204]
DC-88	6α,15(*S*)-dihydroxy-23-oxo-labd-8(22),13(14),17-trien-16(*S*),19-olide		*Salvia dominica* [204]
DC-89	6α,8α,23-trihydroxy-labd-13(14),15,17-trien-16,19-olide		*Salvia dominica* [204]
DC-90	6α,8α-dihydroxy-23-carbossi-labd-13(14),15,17-trien-16,19-olide		*Salvia dominica* [204]
DC-91	6α,8α-dihydroxy-23-oxo-13(14),15,17-trien-16,19-olide		*Salvia dominica* [204]

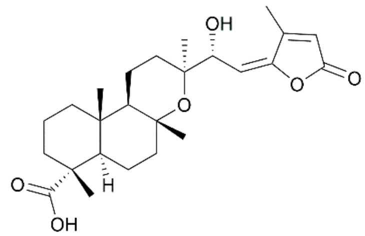
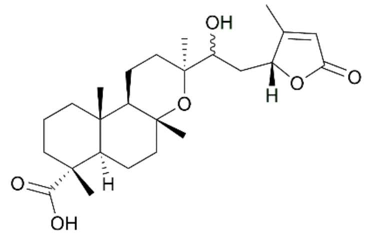
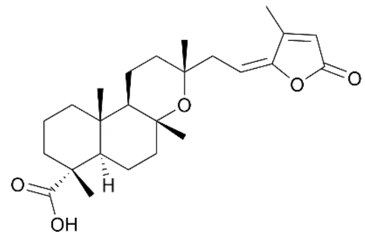
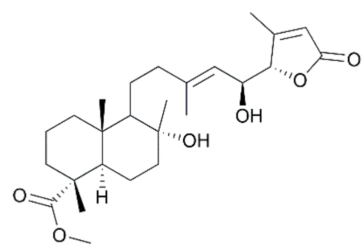
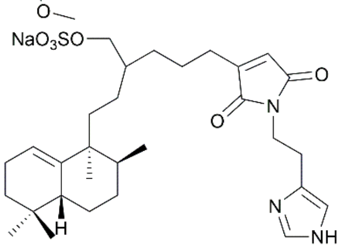
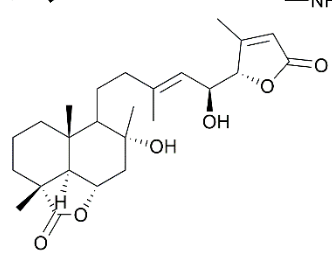
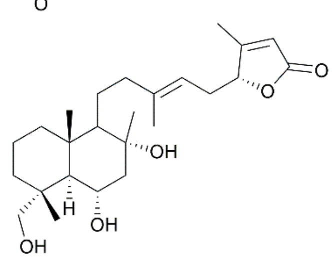
DC-92	8α-hydroxylabd-13(14),15,17-trien-6*R*,23-16,19-diolide		*Salvia dominica* [204]
DC-93	8α-23-dihydroxy-23,6*R*-epoxy-labd-13(14),15,17-trien-16,19-olide		*Salvia dominica* [204]
DC-94	6α,8α,23,14,15-threo-pentahydroxy-labd-13(21),17-dien-16,19-olide		*Salvia dominica* [204]
DC-95	6α,8α,23,14,15-erythro-pentahydroxylabd-13(21),17-dien-16,19-olide		*Salvia dominica* [204]
DC-96	6α,8α,14,15-threotetrahydroxy-23-oxo-labd-13(21),17-dien-16,19-olide		*Salvia dominica* [204]
DC-97	lachnocalyxolide A		*Salvia lachnocalyx* [205]
DC-98	lachnocalyxolide B		*Salvia lachnocalyx* [205]

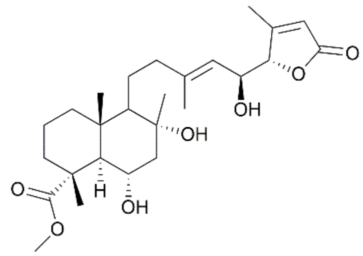
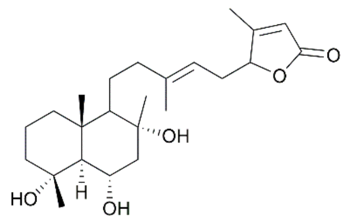
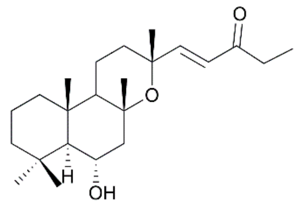
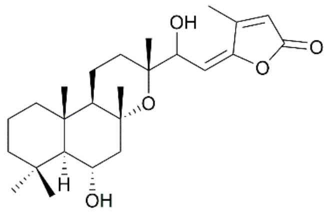
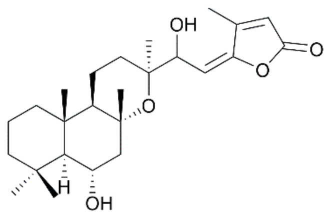
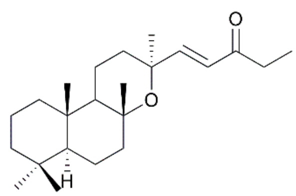
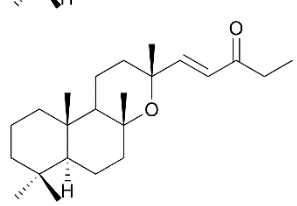
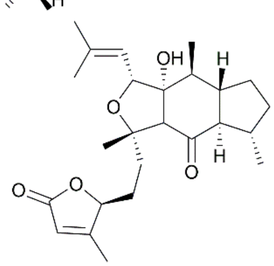
DC-99	lachnocalyxolide C		*Salvia lachnocalyx* [205]
DC-100	lachnocalyxolide C'		*Salvia lachnocalyx* [205]
DC-101	salvidominicolide A		*Salvia dominica* [206]
DC-102	salvidominicolide B		*Salvia dominica* [206]
DC-103	albolineol		*Ceroplastes albolineatus* [207]
DC-104	terpestacin		*Alternaria alternata* [208] *Aplosporella javeedii* [209] *Arthrinium* spp. [210-213] *Bipolaris sorokiniana* BRIP10943 [214] *Fusarium fujikuroi* [215] *Fusarium proliferatum* [216] *Phomopsis* sp. [217] *Tolypocladium inflatum* [218]
DC-105	11-*epi*-terpestacin (siccanol)		*Bipolaris sorokiniana* NSDR-011 [219] *Drechslera siccans* [220]

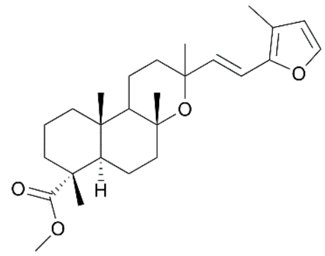
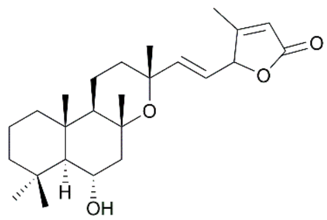
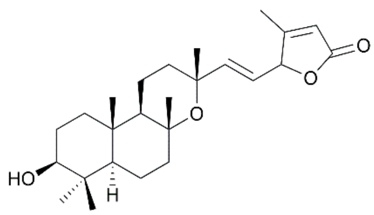
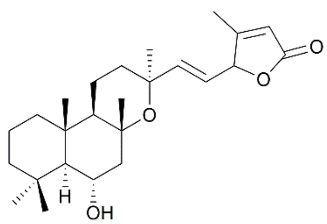
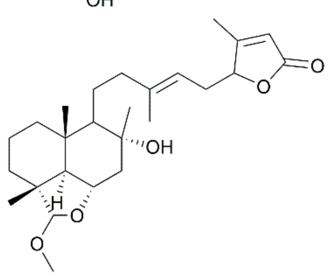
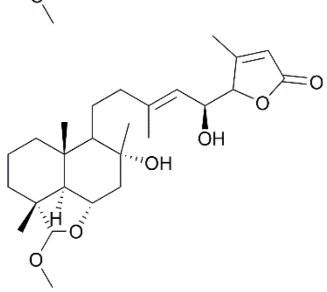
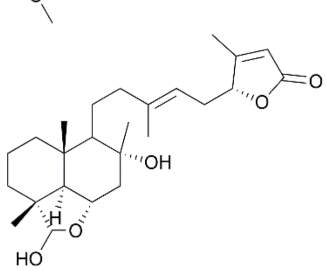
DC-106	11-*epi*-terpestacin glycoside		*Bipolaris sorokiniana* NSDR-011 [221]
DC-107	21-hydroxyterpestacin		*Arthrinium* sp. [213]
DC-108	24-α-D-glucosyl-(−)-terpestacin		*Alternaria alternata* [208]
DC-109	terpestacin B		*Arthrinium* sp. [213]
DC-110	16,17-dihydro-(−)-terpestacin		*Aplosporella javeedii* [209]
DC-111	terpestacin C		*Aplosporella javeedii* [209]

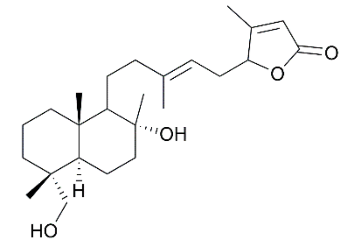
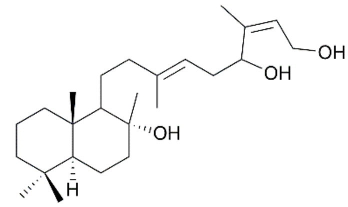
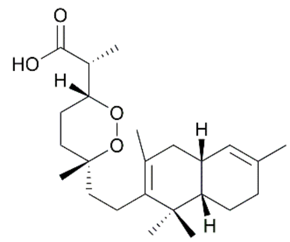
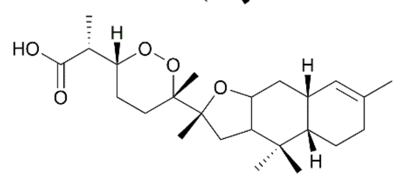
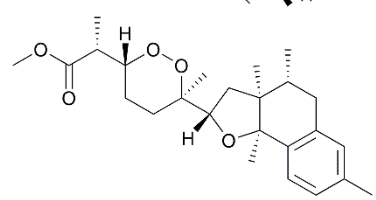
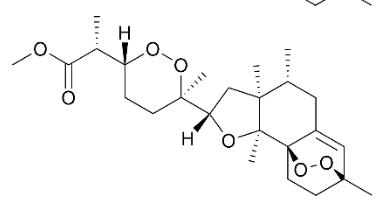
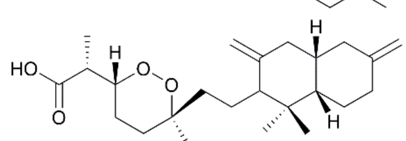
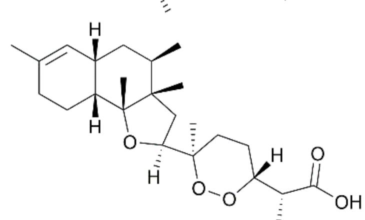
DC-112	fusaproliferin (proliferin)		*Alternaria alternata* [208] *Aplosporella javeedii* [209] *Bipolaris sorokiniana* NSDR-011 [221] *Fusarium proliferatum* [216, 222-224] *Fusarium solani* [225]
DC-113	fusaprolifin A		*Fusarium proliferatum* [216]
DC-114	fusaprolifin B		*Fusarium proliferatum* [216]
DC-115	mycaleperoxide		*Mycale* sp. [226]
DC-116	diacarperoxide D		*Diacarnus megaspinorhabdosa* [sic!] [104]
DC-117	diacarperoxide E		*Diacarnus megaspinorhabdosa* [sic!] [104]

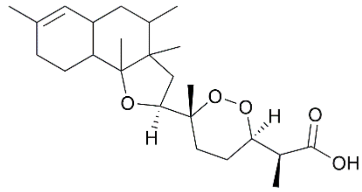
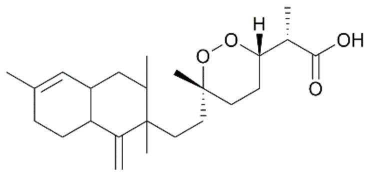
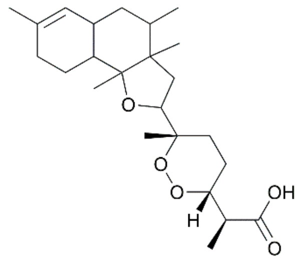
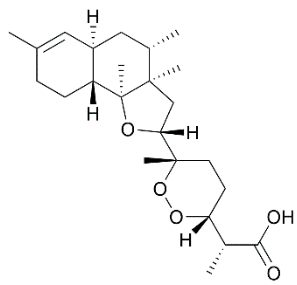
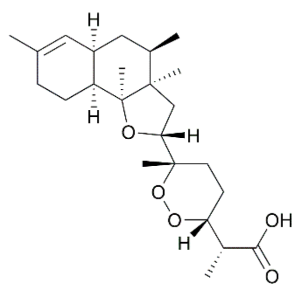
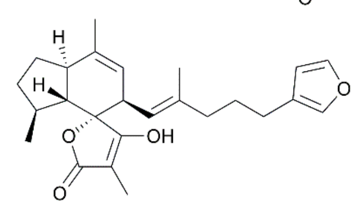
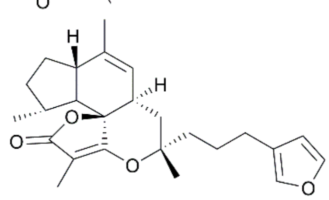
DC-118	diacarperoxide F		*Diacarnus megaspinorhabdosa* [sic!] [104]
DC-119	diacarperoxide G		*Diacarnus megaspinorhabdosa* [sic!] [104]
DC-120	(13*E*)-8α-hydroxy-23-carboxymethyllabd-13(14),17(18)-dien-16,19-olide		*Salvia tingitana* [200]
DC-121	salvimirzacolide		*Salvia mirzayanii* [227]
DC-122	4*R*,5*R*,8*R*,9*R*,10*S*,13*S*,14*S*) -14-hydroxymanoyloxide-15,17-dien-15(*Z*)-16,19-olide		*Salvia mirzayanii* [228]
DC-123	(4*R*,5*R*,8*R*,9*R*,10*S*,13*R*,14*S*)-14-hydroxymanoyloxide-15,17-dien-15(*Z*)-16,19-olide		*Salvia mirzayanii* [228]

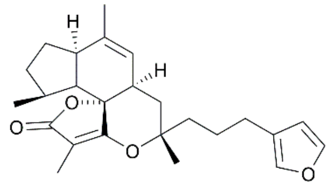
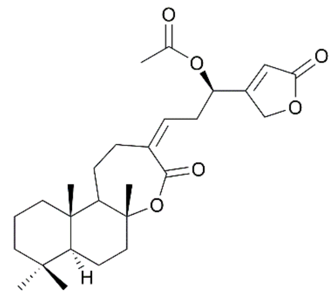
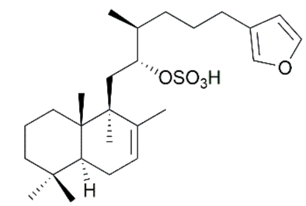
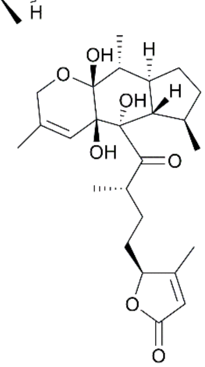
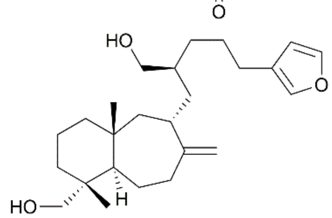
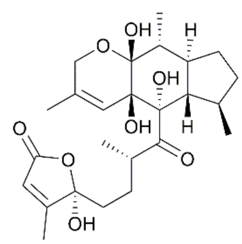
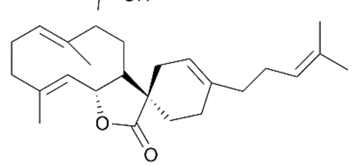
DC-124	(4*R*,5*R*,8*R*,9*R*,10*S*,13*S*,14*R*)-14-hydroxymanoyloxide-15,17-dien-15(*Z*)-16,19-olide		*Salvia mirzayanii* [228]
DC-125	(4*R*,5*R*,8*R*,9*R*,10*S*,13*S*,16*R*)-14-hydroxymanoyloxide-17-en-16,19-olide		*Salvia mirzayanii* [228]
DC-126	(4*R*,5*R*,8*R*,9*R*,10*S*,13*R*)-manoyloxide-15,17-dien-15(*Z*)-16,19-olide		*Salvia mirzayanii* [228]
DC-127	(13*E*)-8α,15-dihydroxy-23-carboxymethyllabd-13(14),17(18)-dien-16,19-olide		*Salvia tingitana* [200]
DC-128	19-oxofasciospongine A		*Fasciospongia* sp. [191]
DC-129	(15*S*,16*S*,13*E*)-8α,15-dihydroxylabd-13(14),17(18)-dien-23,6α-16,19-diolide		*Salvia tingitana* [200] *Salvia dominica* [204]
DC-130	(16*R*,13*E*)-6α,8α,23-trihydroxylabd-13(14),17(18)-dien-16,19-olide		*Salvia tingitana* [200] *Salvia dominica* [204]

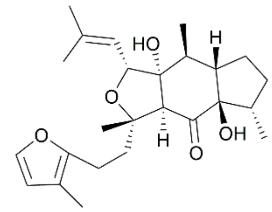
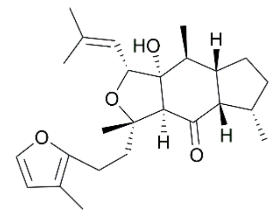
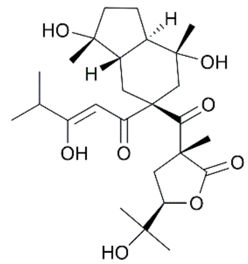
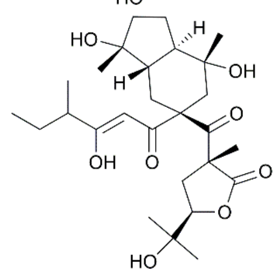
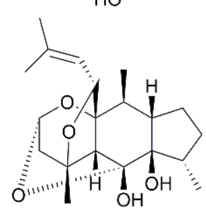
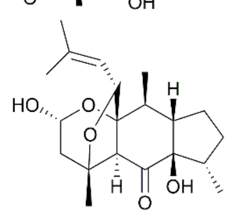
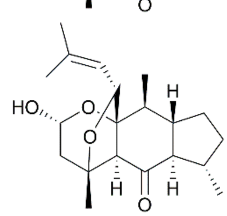
DC-131	(15*S*,16*S*,13*E*)-6α,8α,15-trihydroxy-23-carboxymethyllabd-13(14),17(18)-dien-16,19-olide		*Salvia tingitana* [200] *Salvia dominica* [204]
DC-132	(13*E*)-4α,6α,8α-trihydroxylabd-13(14),17(18)-dien-16,19-olide		*Salvia tingitana* [200]
DC-133	yosgadensenol		*Salvia yosgadensis* [195]
DC-134	yosgadensolide A		*Salvia yosgadensis* [229]
DC-135	yosgadensolide B		*Salvia yosgadensis* [229]
DC-136	6-dehydroxy-13-*epi*-yosgadensenol		*Salvia limbata* [230]
DC-137	6-dehydroxyyosgadensenol		*Salvia limbata* [230]
DC-138	leucosceptroid J		*Leucosceptrum canum* [231]

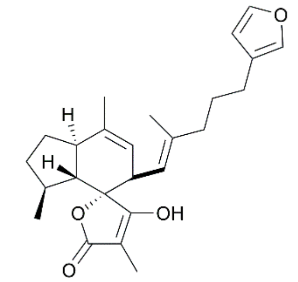
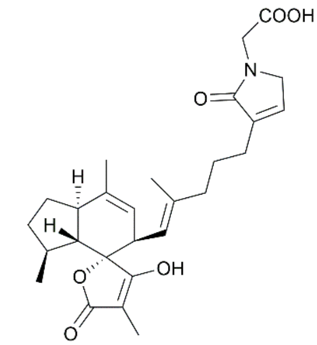
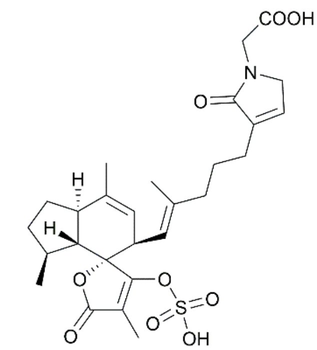
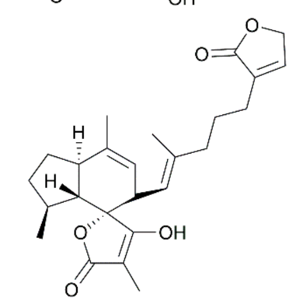
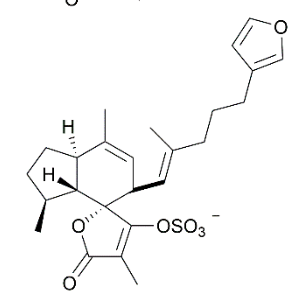
DC-139	(14*E*)-methylmanoyloxide-14,16,18-trien-19,16-oxide-23-carboxylate		*Salvia tingitana* [200]
DC-140	6α-hydroxymanoyloxide-14,17-dien-16,19-olide		*Salvia limbata* [230]
DC-141	3β-hydroxymanoyloxide-14,17-dien-16,19-olide		*Salvia limbata* [230]
DC-142	(13α),6α-hydroxymanoyloxide-14,17-dien-16,19-olide		*Salvia limbata* [230]
DC-143	(13*E*)-8α-hydroxy-23α-*O*-methyl-23,6α-epoxylabd-13(14),17-(18)-dien-16,19-olide		*Salvia tingitana* [200]
DC-144	(13*E*)-8α,15-dihydroxy-23α-*O*-methyl-23,6α-epoxylabd-13(14),17(18)-dien-16,19-olide		*Salvia tingitana* [200]
DC-145	(13*E*)-8α,23α-dihydroxy-23,6α-epoxylabd-13(14),17(18)-dien-16,19-olide		*Salvia tingitana* [200]

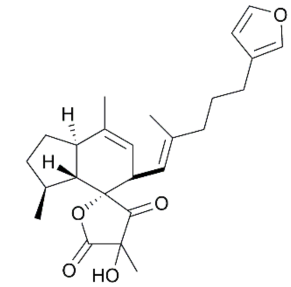
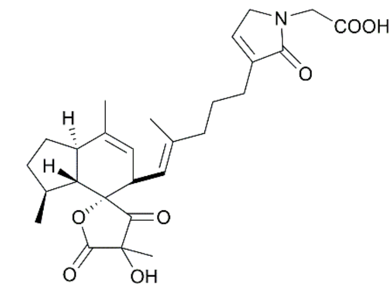
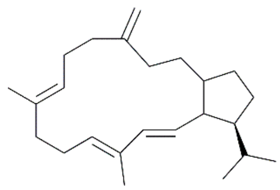
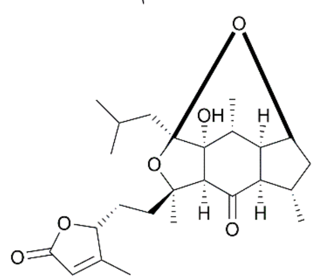
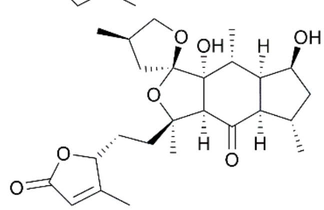
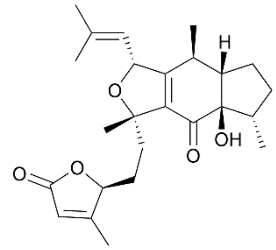
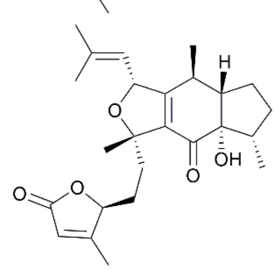
DC-146	(13*E*)-8α,23-dihydroxylabd-13(14),17(18)-dien-16,19-olide		*Salvia tingitana* [200]
DC-147	(13*E*)-labd-13(14),17(18)-dien-8α,16,19-triol		*Salvia tingitana* [200]
DC-148	trunculin A		*Latrunculia brevis* [232]
DC-149	trunculin B		*Latrunculia brevis* [232]
DC-150	trunculin C methyl ester		*Latrunculia brevis* [233]
DC-151	trunculin D methyl ester		*Latrunculia brevis* [233]
DC-152	trunculin E		*Latrunculia brevis* [233]
DC-153	trunculin F		*Latrunculia conulosa* [234]

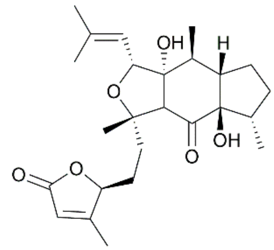
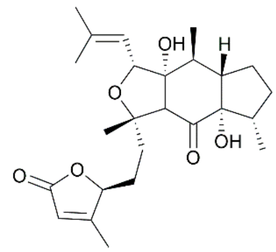
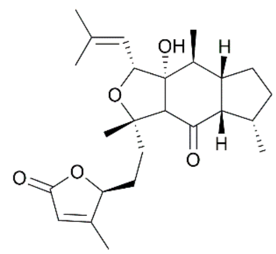
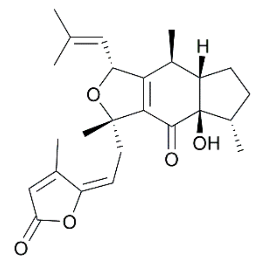
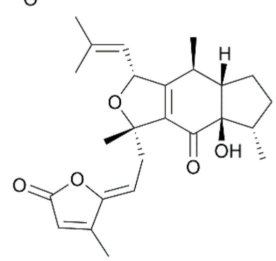
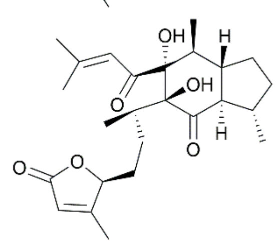
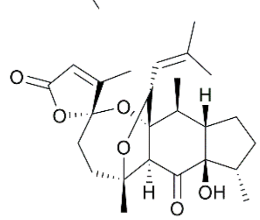
DC-154	trunculin H		*Latrunculia* sp. [235]
DC-155	trunculin G		*Latrunculia* sp. [235]
DC-156	trunculin I		*Latrunculia* sp. [235]
DC-157	trunculin X		*Sigmosceptrella* sp. [236]
DC-158	trunculin Y		*Sigmosceptrella* sp. [236]
DC-159	ircinianin		*Ircinia wistarii* [237, 238]
DC-160	(+)-wistarin		*Ircinia wistarii* [237]

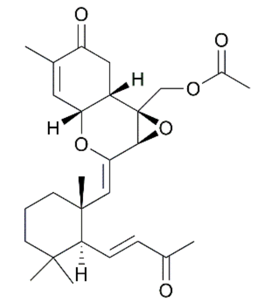
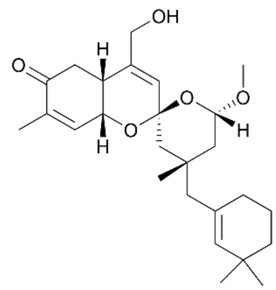
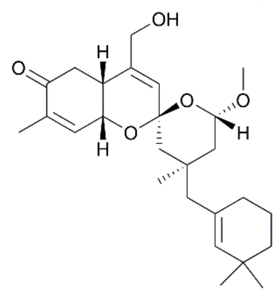
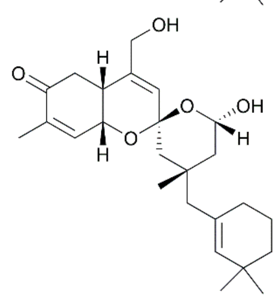
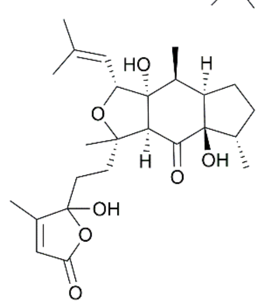
DC-161	(-)-wistarin		*Ircinia* sp. [239]
DC-162	luffalactone		*Luffariella variabilis* [132]
DC-163	sulfircin		*Ircinia* sp. [240]
DC-164	leucosesterlactone		*Leucosceptrum canum* [241]
DC-165	shinsonefuran		*Stoeba extensa* [242]
DC-166	17α-hydroxyleucosceptrine		*Leucosceptrum canum* [243]
DC-167	genepolide		*Artemisia umbelliformis* [244]

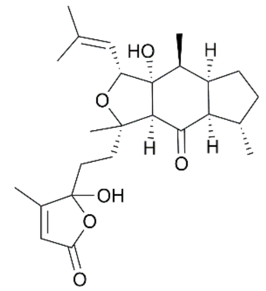
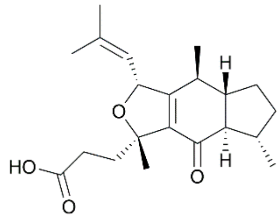
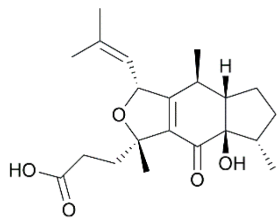
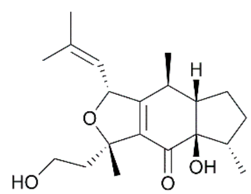
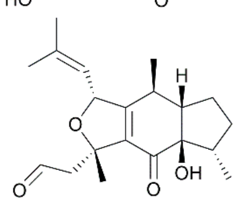
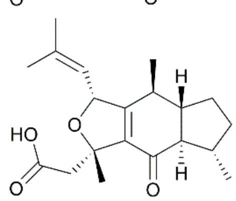
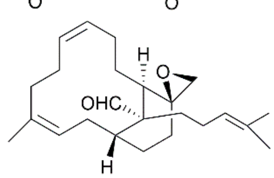
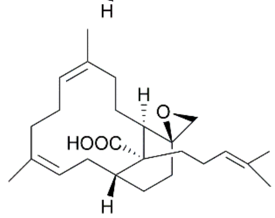
DC-168	leucosceptroid A		*Leucosceptrum canum* [245]
DC-169	leucosceptroid B		*Leucosceptrum canum* [245]
DC-170	biyoulactone D		*Hypericum chinense* [246]
DC-171	biyoulactone E		*Hypericum chinense* [246]
DC-172	norleucosceptroid A		*Leucosceptrum canum* [247]
DC-173	norleucosceptroid B		*Leucosceptrum canum* [247]
DC-174	norleucosceptroid C		*Leucosceptrum canum* [247]

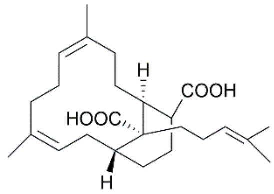
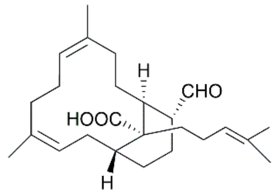
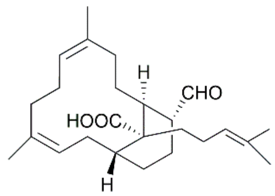
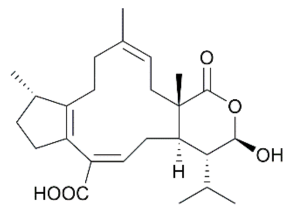
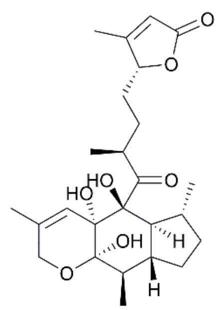
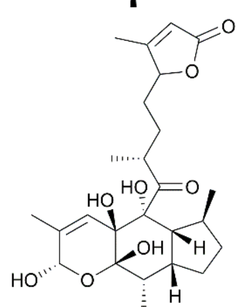
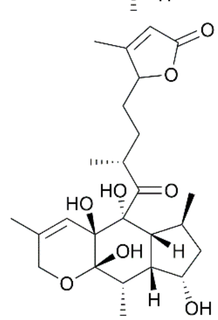
DC-175	(−)-ircinianin		*Ircinia wistarii* [237, 238] *Psammocinia sp.* CMB-01008, *Psammocinia* sp. CMB-03344 [248]
DC-176	(-)-ircinianin lactam A		*Psammocinia* sp. CMB-03344 [248]
DC-177	(−)-ircinianin lactam A sulfate		*Psammocinia* sp. CMB-01008 [248]
DC-178	(−)-ircinianin lactone A		*Psammocinia* sp. CMB-02858 [248]
DC-179	(−)-ircinianin sulfate		*Ircinia wistarii* [249] *Psammocinia* sp. CMB-01008, *Psammocinia* sp. CMB-03344 [248]

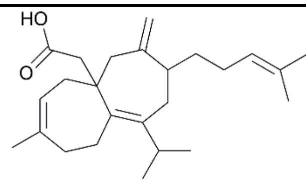
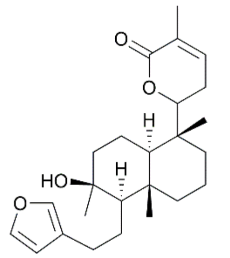
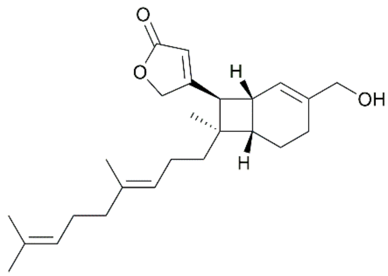
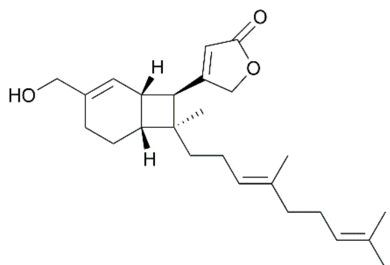
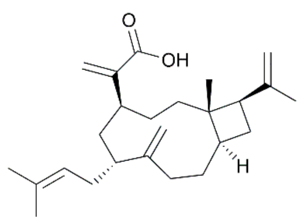
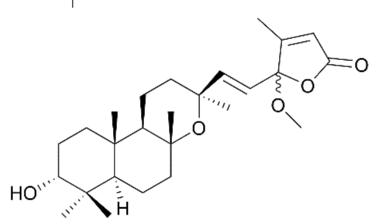
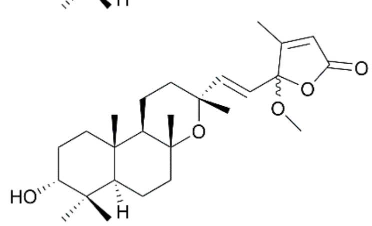
DC-180	(−)-oxoircinianin		*Psammocinia* sp. CMB-03344 [248]
DC-181	(−)-oxoircinianin lactam A		*Psammocinia* sp. CMB-02858 [248]
DC-182	sestermobaraene E		*Streptomyces mobaraensis* [250]
DC-183	colquhounoid B		*Colquhounia coccinea* var. *mollis* [251]
DC-184	colquhounoid C		*Colquhounia coccinea* var. *mollis* [251]
DC-185	leucosceptroid E		*Leucosceptrum canum* [231]
DC-186	leucosceptroid F		*Leucosceptrum canum* [231]

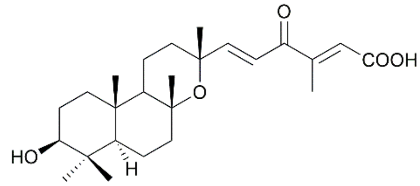
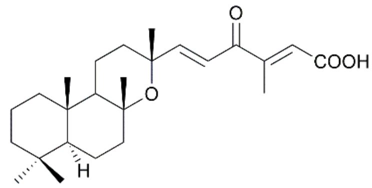
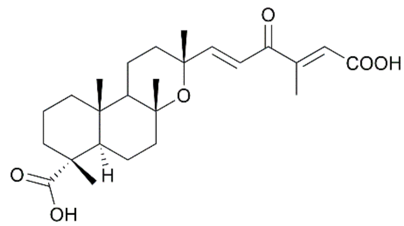
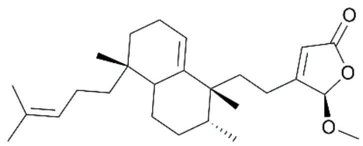
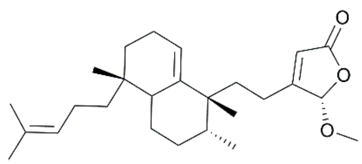
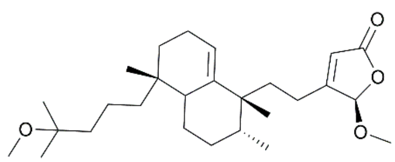
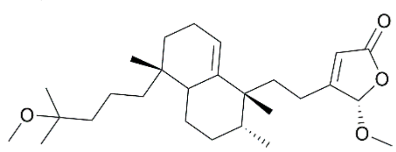
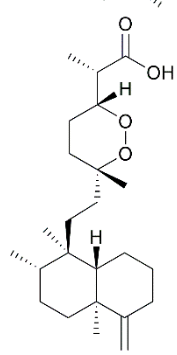
DC-187	leucosceptroid G		*Leucosceptrum canum* [231]
DC-188	leucosceptroid H		*Leucosceptrum canum* [231]
DC-189	leucosceptroid I		*Leucosceptrum canum* [231]
DC-190	leucosceptroid L		*Leucosceptrum canum* [231]
DC-191	leucosceptroid M		*Leucosceptrum canum* [231]
DC-192	leucosceptroid N		*Leucosceptrum canum* [231]
DC-193	leucosceptroid O		*Leucosceptrum canum* [252]

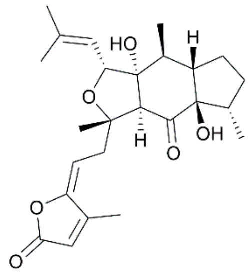
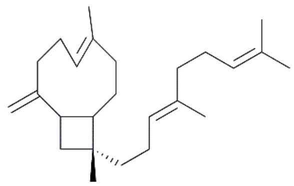
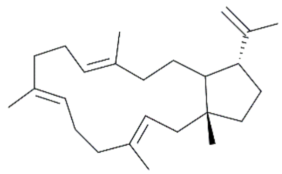
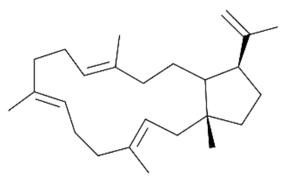
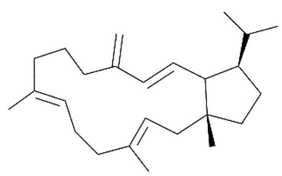
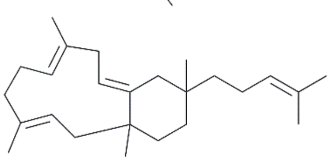
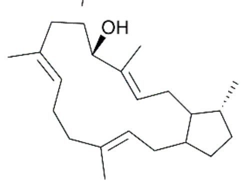
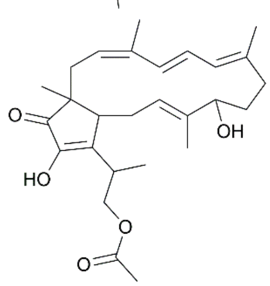
DC-194	secoepoxyansellone A		*Phorbas* sp. [162]
DC-195	gombaspiroketal A		*Clathria gombawuiensis* [253] *Haliclona* sp. [196]
DC-196	gombaspiroketal B		*Clathria gombawuiensis* [253] *Haliclona* sp. [196]
DC-197	gombaspiroketal C		*Clathria gombawuiensis* [253] *Haliclona* sp. [196]
DC-198	leucosceptroid P		*Leucosceptrum canum* [254]

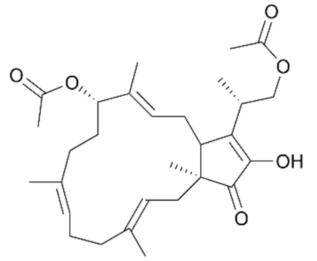
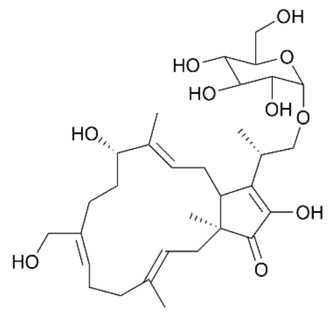
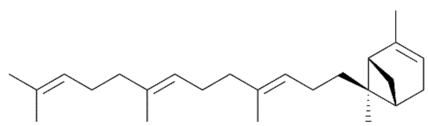
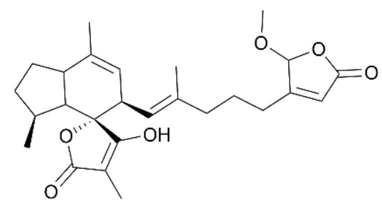
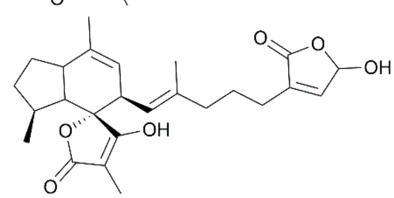
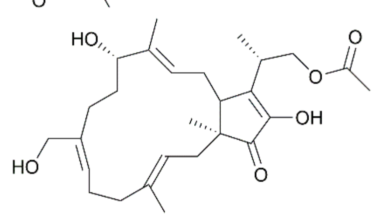
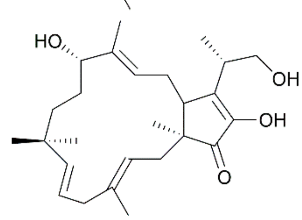
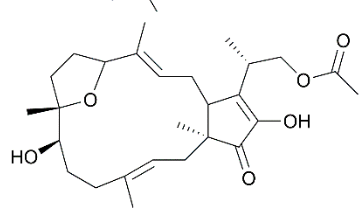
DC-199	leucosceptroid Q		*Leucosceptrum canum* [254]
DC-200	norleucosceptroid D		*Leucosceptrum canum* [254]
DC-201	norleucosceptroid E		*Leucosceptrum canum* [254]
DC-202	norleucosceptroid F		*Leucosceptrum canum* [254]
DC-203	norleucosceptroid G		*Leucosceptrum canum* [254]
DC-204	norleucosceptroid H		*Leucosceptrum canum* [254]
DC-205	emericellene A		*Emericella* sp. AST0036 [255]
DC-206	emericellene B		*Emericella* sp. AST0036 [255]

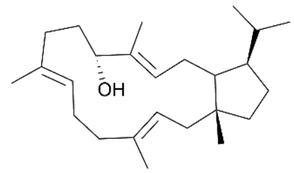
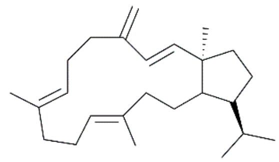
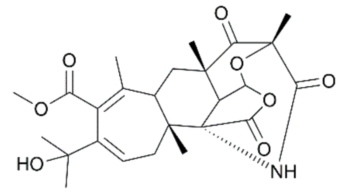
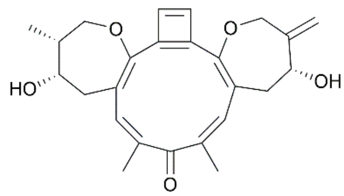
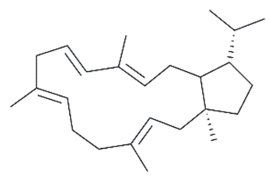
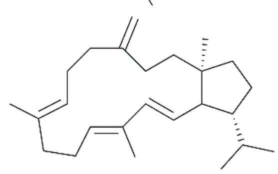
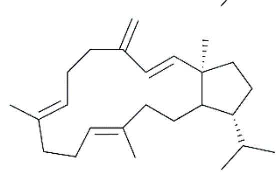
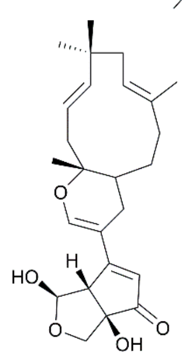
DC-207	emericellene C		*Emericella* sp. AST0036 [255]
DC-208	emericellene D		*Emericella* sp. AST0036 [255]
DC-209	emericellene E		*Emericella* sp. AST0036 [255]
DC-210	bipolarenic acid		*Lophiostoma bipolare* [256]
DC-211	leucosceptrine		*Leucosceptrum canum* [257]
DC-212	1α-hydroxyleucosceptrine		From microbial transformation on leucosceptrine by *Rhizopus stolonifer* [258]
DC-213	8α-hydroxyleucosceptrine		From microbial transformation on leucosceptrine by *Rhizopus stolonifer* [258]

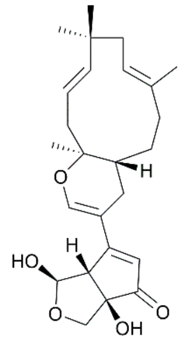
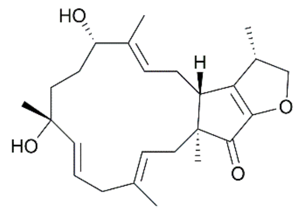
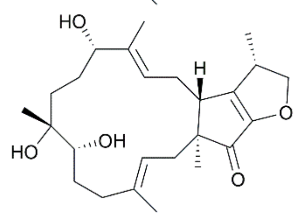
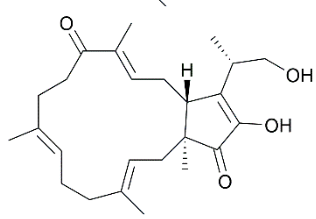
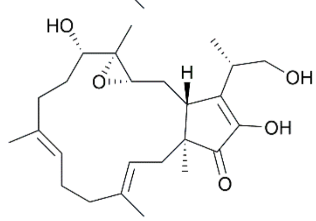
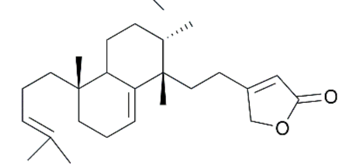
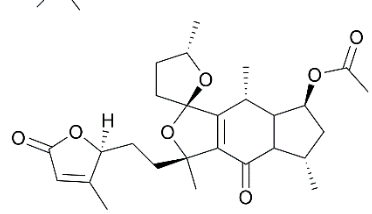
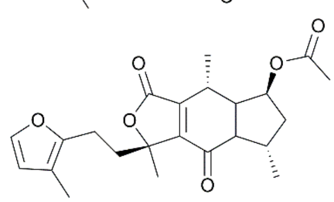
DC-214	goniocarpic acid		*Serjania goniocarpa* [259]
DC-215	unnamed dicarbocyclic sesterterpene (reported as compound 2a)		*Luffariella variabilis* [97]
DC-216	(-)-hippolide J		*Hippospongia lachne* [260]
DC-217	(+)-hippolide J		*Hippospongia lachne* [260]
DC-218	raoulic acid		*Raoulia australis* [261]
DC-219	3-*epi*-salviaethiopisolide and C-16 epimer		*Salvia aethiopis* [262]
DC-220	salviaethiopisolide and C-16 epimer		*Salvia aethiopis* [262]

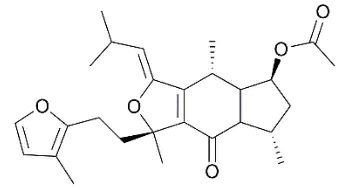
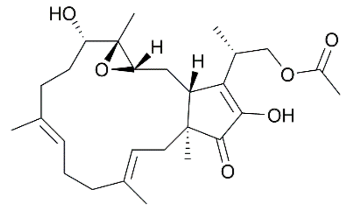
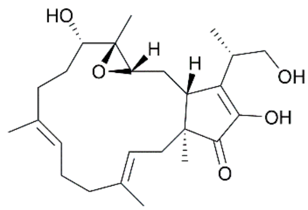
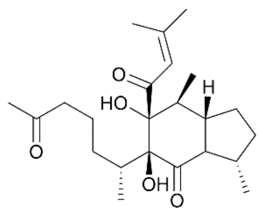
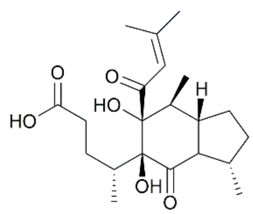
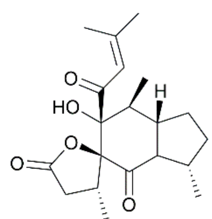
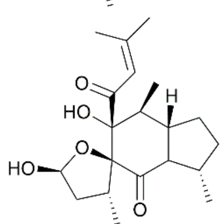
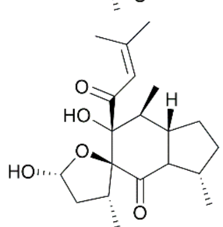
DC-221	3α-hydroxymanoyloxide-14(*E*),17-dien-16-oxo-19-oic acid		*Salvia aethiopis* [263]
DC-222	hydroxymanoyloxide-14,17-dien-16-oxo-19-oic acid		*Salvia aethiopis* [263]
DC-223	hydroxymanoyloxide-14,17-dien-16-oxo-19,23-dioic acid		*Salvia aethiopis* [263]
DC-224	dactylospene B		*Dactylospongia elegans* [50]
DC-225	dactylospene C		*Dactylospongia elegans* [50]
DC-226	dactylospene D		*Dactylospongia elegans* [50]
DC-227	dactylospene E		*Dactylospongia elegans* [50]
DC-228	enantio sigmosceptrellin-A methyl ester		Unidentified sponge [121]

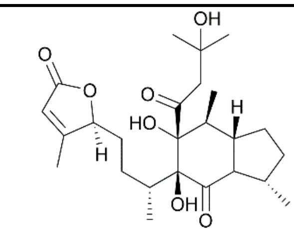
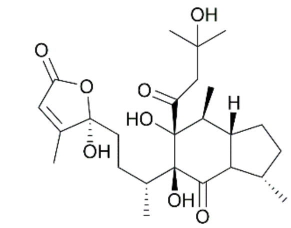
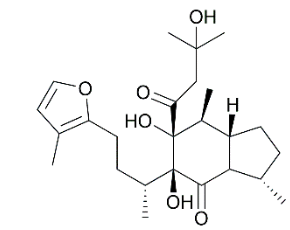
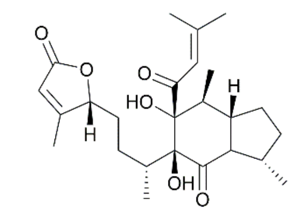
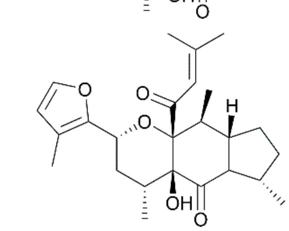
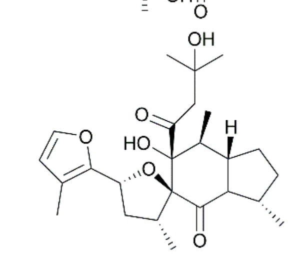
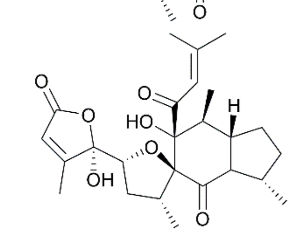
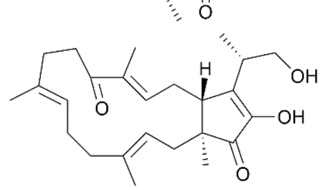
DC-229	leucosceptroid K		*Leucosceptrum canum* [231]
DC-230	clavaphyllene		*Aspergillus clavatus* [264]
DC-231	(+)-brassitetraene A		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
DC-232	(+)-brassitetraene B		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
DC-233	fusaproliferene		*Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
DC-234	variecoltetraene (reported as compound 2)		*Escherichia coli* [160]
DC-235	Bm3		*Bipolaris maydis* [267]
DC-236	fusaproliferin. Wrong structure. See correct structure at DC-112		*Fusarium subglutinans* [268]

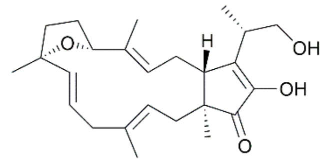
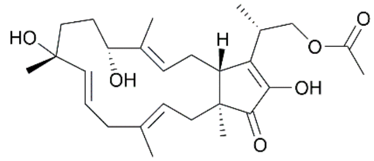
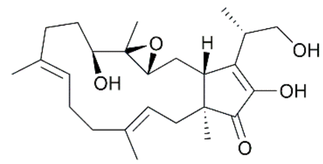
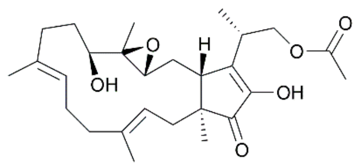
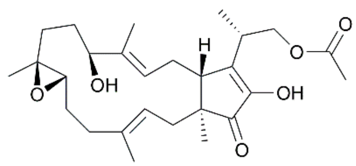
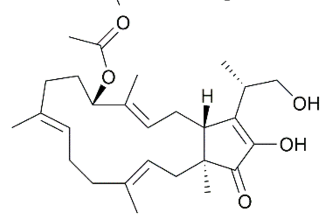
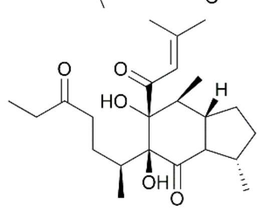
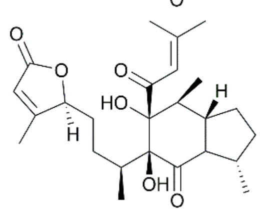
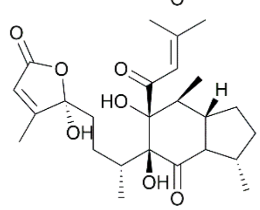
DC-237	sestersorokinicin A		*Bipolaris sorokiniana /Poa pratensis* [269]
DC-238	sestersorokiniside A		*Bipolaris sorokiniana/Poa pratensis* [269]
DC-239	somaliensene A		*Streptomyces somaliensis* [170]
DC-240	ircinianin lactone B		*Ircinia wistarii* [270]
DC-241	ircinianin lactone C		*Ircinia wistarii* [270]
DC-242	bipolariterpene A		*Bipolaris* sp. [271]
DC-243	bipolariterpene B		*Bipolaris* sp. [271]
DC-244	bipolariterpene C		*Bipolaris* sp. [271]

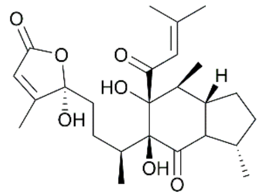
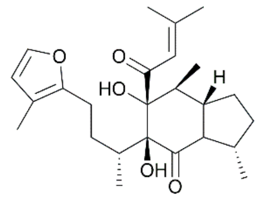
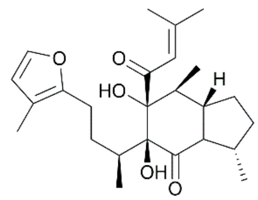
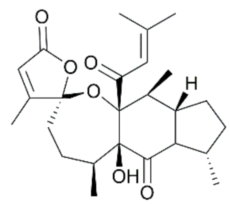
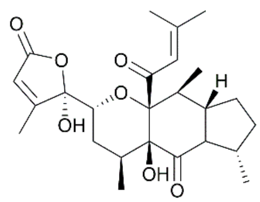
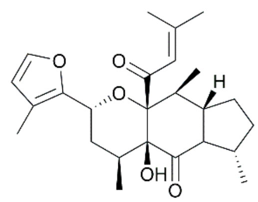
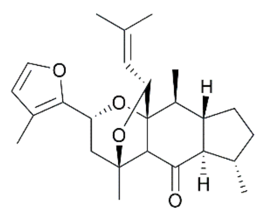
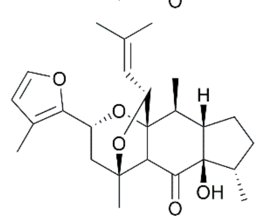
DC-245	preterpestacin I		*Alternaria alternata* MB-30/*Leucosceptrum canum* [272]
DC-246	sesterviolene G		*Streptomyces violens* [273]
DC-247	aspergstressin		*Aspergillus* sp.[274]
DC-248	unnamed dicarbocyclic sesterterpene		*Artemisia frigida* [275]
DC-249	sesterorbiculene		*Escherichia coli* strain DH10B/*Saccharomyces cerevisiae* YZL141 [159]
DC-250	sesterviolene E		*Streptomyces violens* [273]
DC-251	sesterviolene F		*Streptomyces violens* [273]
DC-252	patriniaterpene C		*Patrinia scabra* [276]

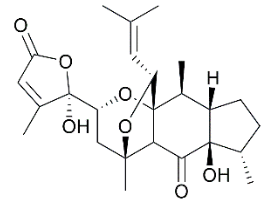
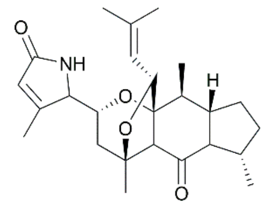
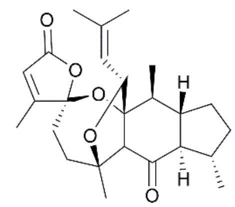
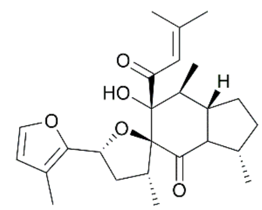
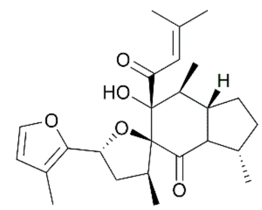
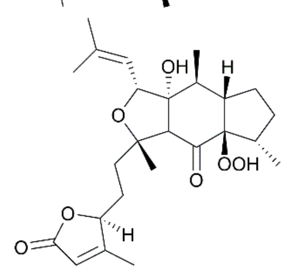
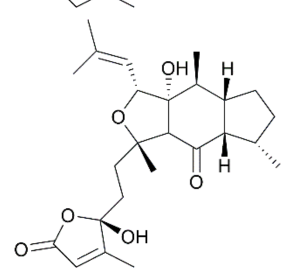
DC-253	patriniaterpene D		*Patrinia scabra* [276]
DC-254	arthproliferin A		*Arthrinium* sp. SCSIO41221 [277]
DC-255	arthproliferin B		*Arthrinium* sp. SCSIO41221 [277]
DC-256	arthproliferin C		*Arthrinium* sp. SCSIO41221 [277]
DC-257	arthproliferin D		*Arthrinium* sp. SCSIO41221 [277]
DC-258	dactylospene F		*Sarcotragus* sp.[278]
DC-259	colquhounoid E		*Colquhounia coccinea var. mollis* [279]
DC-260	norcolquhounoid F		*Colquhounia coccinea var. mollis* [279]

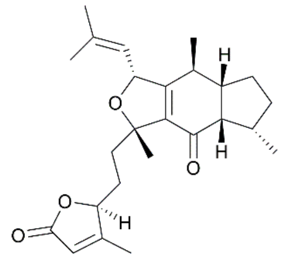
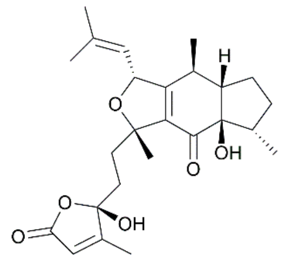
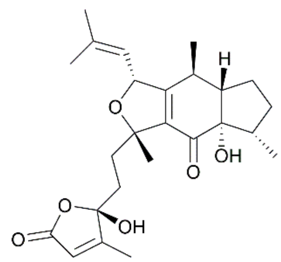
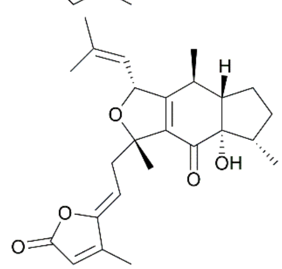
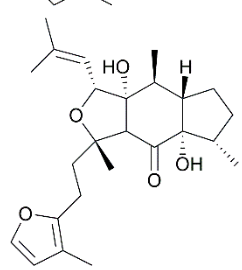
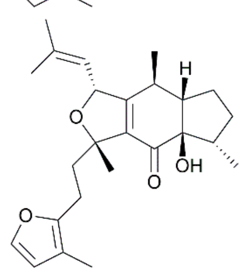
DC-261	colquhounoids F		*Colquhounia coccinea var. mollis* [279]
DC-262	bipolariterpene D		*Bipolaris eleusines* [280]
DC-263	bipolariterpene E		*Bipolaris eleusines* [280]
DC-264	*nor*-leucosceptroid L		*Leucosceptrum canum* [172]
DC-265	*nor*-leucosceptroid M		*Leucosceptrum canum* [172]
DC-266	*epi*-*nor*-leucosceptroid J		*Leucosceptrum canum* [172]
DC-267	*nor*-leucosceptroid N		*Leucosceptrum canum* [172]
DC-268	16-*epi*-*nor*-leucosceptroid N		*Leucosceptrum canum* [172]

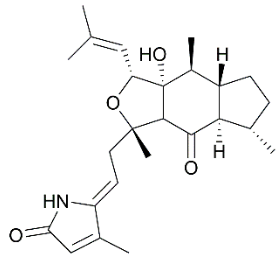
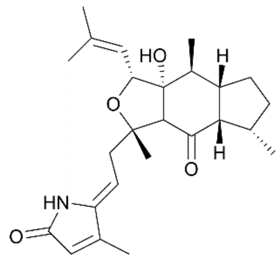
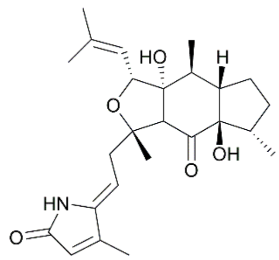
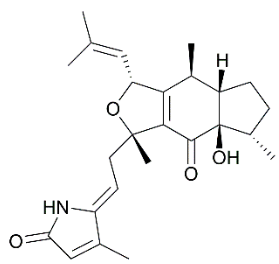
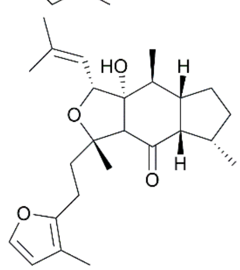
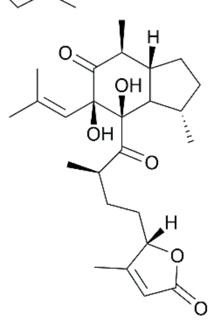
DC-269	3-H-2-hydroxy-leucosceptroid N		*Leucosceptrum canum* [281]
DC-270	3-H-2,17α-dihydroxy-leucosceptroid N		*Leucosceptrum canum* [281]
DC-271	3-H-2-hydroxy-leucosceptroid R		*Leucosceptrum canum* [281]
DC-272	17-*epi*-leucosceptroid N		*Leucosceptrum canum* [281]
DC-273	5α,16α-epoxy-leucosceptroid R		*Leucosceptrum canum* [281]
DC-274	13β,16α-epoxy-3-H-2-hydroxy-leucosceptroid R		*Leucosceptrum canum* [281]
DC-275	13β,16α-epoxy-17α-hydroxy-leucosceptroid N		*Leucosceptrum canum* [281]
DC-276	maydistacin A		*Bipolaris maydis/Hypericum longistylum* [282]

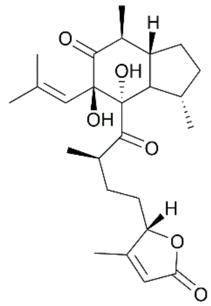
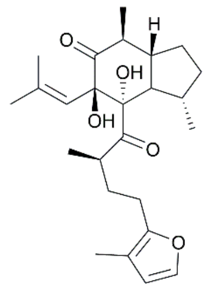
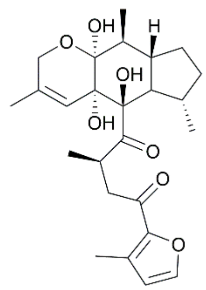
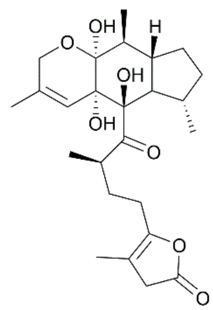
DC-277	maydistacin B		*Bipolaris maydis/Hypericum longistylum* [282]
DC-278	maydistacin C		*Bipolaris maydis/Hypericum longistylum* [282]
DC-279	maydistacin D		*Bipolaris maydis/Hypericum longistylum* [282]
DC-280	maydistacin E		*Bipolaris maydis/Hypericum longistylum* [282]
DC-281	maydistacin F		*Bipolaris maydis/Hypericum longistylum* [282]
DC-282	maydistacin G		*Bipolaris maydis/Hypericum longistylum* [282]
DC-283	norleucosceptroid I		*Leucosceptrum canum* [281]
DC-284	14-*epi*-leucosceptroid N		*Leucosceptrum canum* [281]
DC-285	17α-hydroxy-leucosceptroid N		*Leucosceptrum canum* [281]

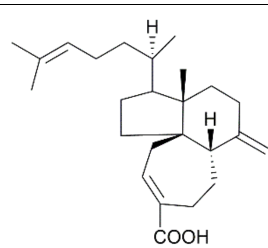
DC-286	17α-hydroxy-14-*epi*-leucosceptroid N		*Leucosceptrum canum* [281]
DC-287	leucosceptroid R		*Leucosceptrum canum* [281]
DC-288	14-*epi*-leucosceptroid R		*Leucosceptrum canum* [281]
DC-289	5α,17β-epoxy-14-*epi*-leucosceptroid N		*Leucosceptrum canum* [281]
DC-290	5α,16α-epoxy-17α-hydroxy-14-*epi*-leucosceptroid N		*Leucosceptrum canum* [281]
DC-291	5α,16α-epoxy-leucosceptroid R		*Leucosceptrum canum* [281]
DC-292	leucosceptroid S		*Leucosceptrum canum* [281]
DC-293	11β-hydroxy-leucosceptroid S		*Leucosceptrum canum* [281]

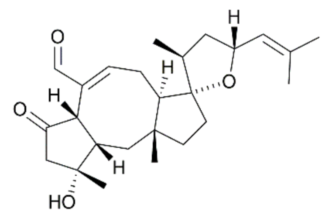
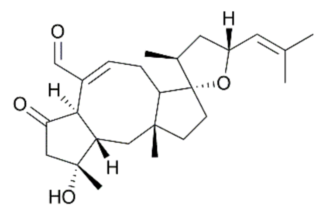
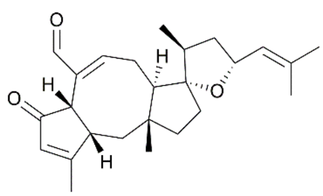
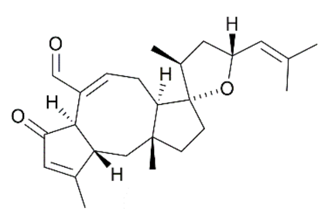
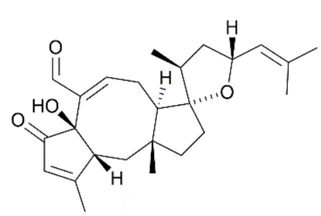
DC-294	leucosceptroid T		*Leucosceptrum canum* [281]
DC-295	leucosceplactam A		*Leucosceptrum canum* [281]
DC-296	5α,17β-epoxy-leucosceptroid J		*Leucosceptrum canum* [281]
DC-297	13β,16α-epoxy-leucosceptroid R		*Leucosceptrum canum* [281]
DC-298	13β,16α-epoxy-14-*epi*-leucosceptroid R		*Leucosceptrum canum* [281]
DC-299	11β-hydroperoxide-leucosceptroid I		*Leucosceptrum canum* [281]
DC-300	11-*epi*-leucosceptroid Q		*Leucosceptrum canum* [281]

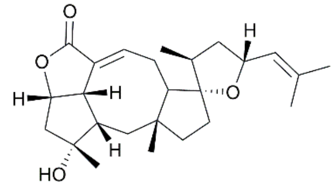
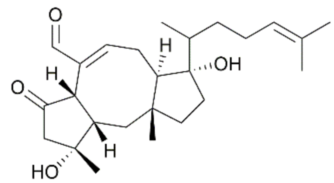
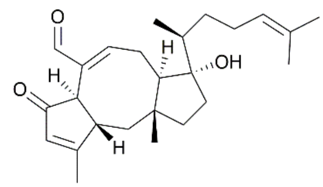
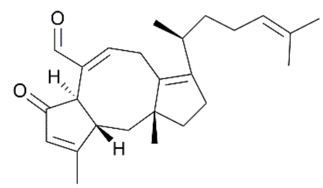
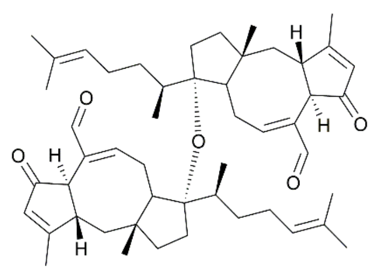
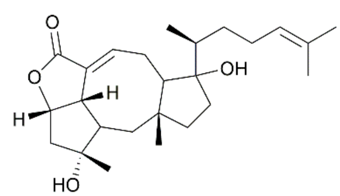
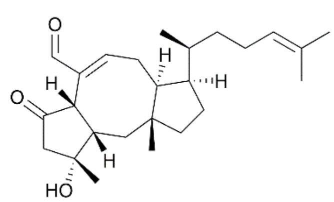
DC-301	13-dehydro-leucosceptroid I		*Leucosceptrum canum* [281]
DC-302	5,13-dehydro-leucosceptroid P		*Leucosceptrum canum* [281]
DC-303	5,13-dehydro-11-*epi*-leucosceptroid P		*Leucosceptrum canum* [281]
DC-304	11-*epi*-leucosceptroid M		*Leucosceptrum canum* [281]
DC-305	11-*epi*-leucosceptroid A		*Leucosceptrum canum* [281]
DC-306	5,13-dehydro-leucosceptroid A		*Leucosceptrum canum* [281]

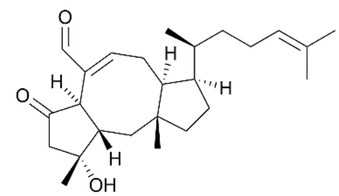
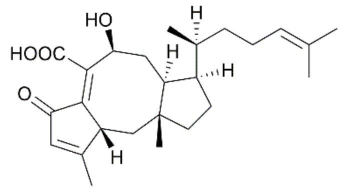
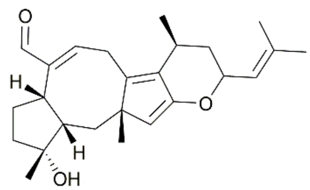
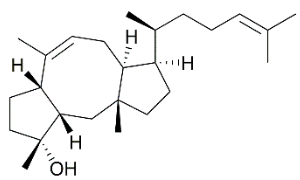
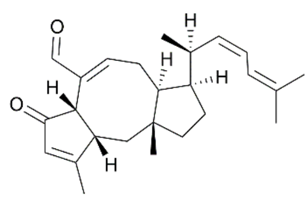
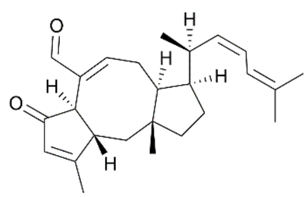
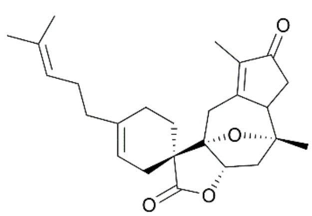
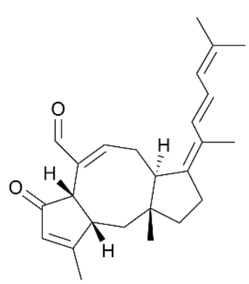
DC-307	leucosceplactam B		*Leucosceptrum canum* [281]
DC-308	leucosceplactam C		*Leucosceptrum canum* [281]
DC-309	leucosceplactam D		*Leucosceptrum canum* [281]
DC-310	leucosceplactam E		*Leucosceptrum canum* [281]
DC-311	11-*epi*-leucosceptroid B		*Leucosceptrum canum* [281]
DC-312	leucosceptrine A		*Leucosceptrum canum* [283]

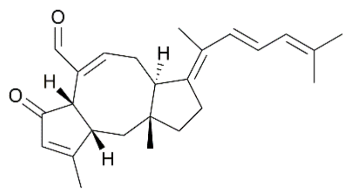
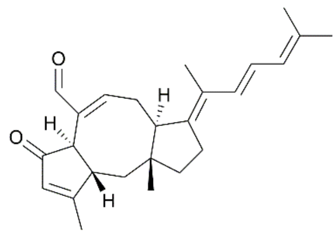
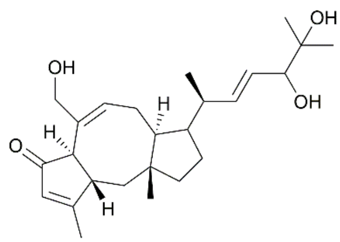
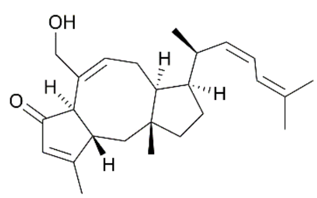
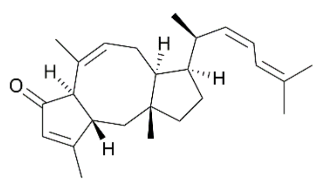
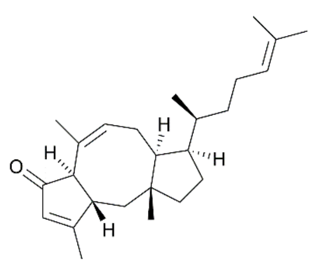
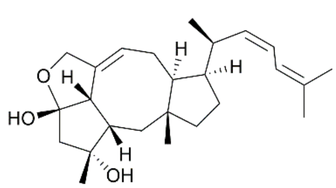
DC-313	leucosceptrine B		*Leucosceptrum canum* [283]
DC-314	leucosceptrine C		*Leucosceptrum canum* [283]
DC-315	leucosceptrine D		*Leucosceptrum canum* [283]
DC-316	leucosceptrine E		*Leucosceptrum canum* [283]

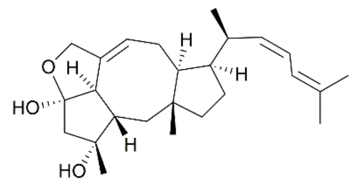
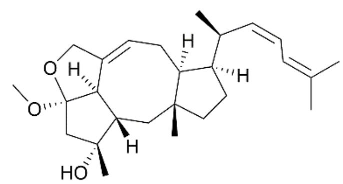
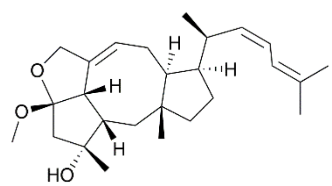
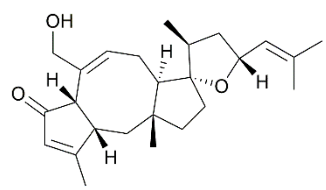
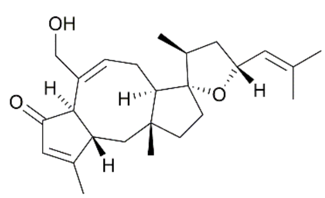
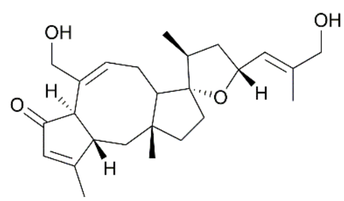
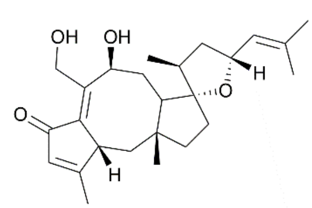
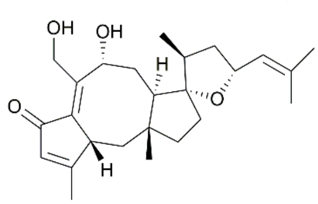
Section 1.7. Structures of tricarbocyclic (TrC) sesterterpenoids (with and without heterocycles)			
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference
TrC-1	gascardic acid		*Ceroplastes madagascariensis* (as *Gascardia madagascariensis*) [284-286]

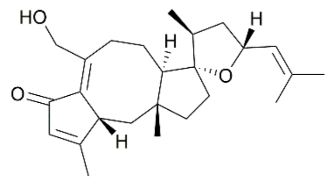
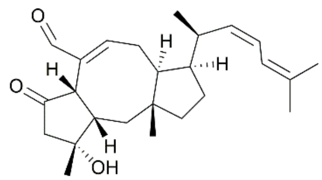
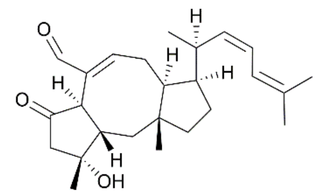
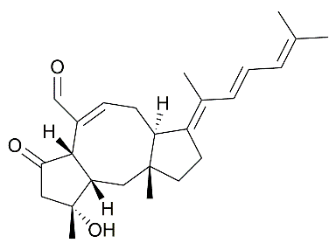
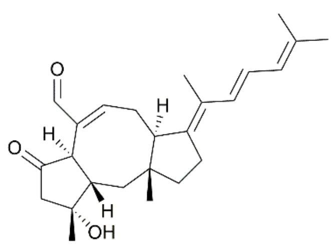
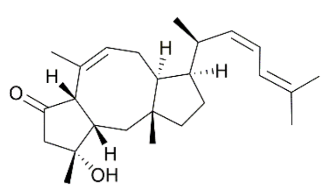
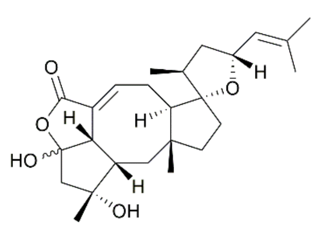
TrC-2	ophiobolin A (ophiobolin, ophiobalin, cochliobolin, cochliobolin A, zizanin) (ophiobola-7,18-dien-21-al-3α-ol-5-one-14α,17-oxide)		*Bipolaris leersiae* (as *Helminthosporium leersii*) [287] *Bipolaris maydis* (as *Ophiobolus heterostrophus, Drechslera maydis*) [287, 288] *Bipolaris oryzae* (as *Drechslera oryzae*, *Helminthosporium oryzae*, *Ophiobolus miyabeanus*) [289-297] *Bipolaris panici-miliacei* (reported as *Helminthosporium panici-miliacei*) [287] *Bipolaris setariae* [298] *Bipolaris sorghicola* (also as *Drechslera sorghicola*) [288, 299] *Cochliobolus heterostrophus* [300, 301] *Cochliobolus miyabeanus* [302] *Drechslera gigantea* (from *Digitaria sanguinalis*) [303, 304] *Drechslera zizaniae* (as *Helminthosporium zizaniae)* [305, 306] *Exserohilum turcicum* (reported as *Helminthosporium turcicum*) [307] *Helminthosporium* spp. [308]
TrC-3	6-*epi*-ophiobolin A		*Bipolaris maydis* (as *Drechslera maydis*) [309] *Bipolaris oryzae* (also as *Drechslera oryzae*) [295-297, 309] *Bipolaris sorghicola* (also as *Drechslera sorghicola*) [288, 299] *Drechslera gigantea* (from *Digitaria sanguinalis*) [303, 304] As microbial metabolite of ophiobolin A by *Penicillium patulum* [300] *Helminthosporium* spp. [310]
TrC-4	3-anhydroophiobolin A		*Bipolaris oryzae* [295, 296, 311] *Bipolaris setariae* [312] *Bipolaris sorghicola* [299] *Cochliobolus heterostrophus* [300, 301] *Helminthosporium* spp. [313]
TrC-5	3-anhydro-6-*epi*-ophiobolin A		*Bipolaris* sp. TJ403-B1 [314] *Bipolaris maydis* (as *Drechslera maydis*) [288, 309] *Bipolaris oryzae* (also as *Drechslera oryzae*) [295, 297, 311] *Bipolaris sorghicola* [299] *Bipolaris sorghicola* (as *Drechslera sorghicola*) [288] *Drechslera gigantea* (from *Digitaria sanguinalis*) [304] *Cochliobolus heterostrophus* [301] *Helminthosporium* spp. [313]
TrC-6	3-anhydro-6-hydroxyophiobolin A		*Bipolaris oryzae* [311]

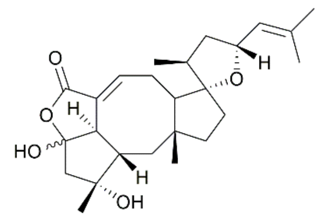
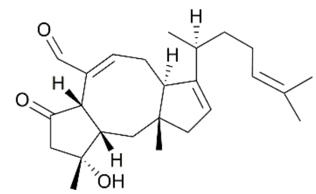
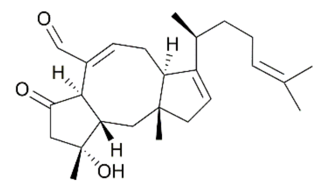
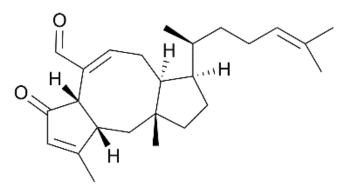
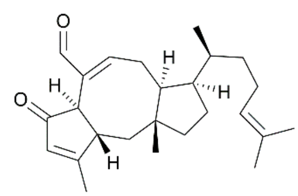
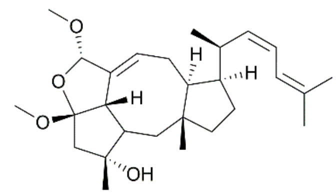
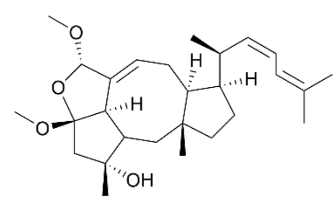
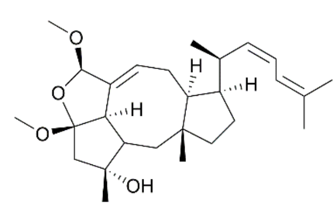
TrC-7	ophiobolin A lactone		As microbial metabolite of ophiobolin A by *Polyangium cellulosum* [300]
TrC-8	ophiobolin B (cochliobolin B, ophiobolosin A, zizanin B) (ophiobola-7,18-dien-21-al-3α,14α -diol-5-one)		*Bipolaris oryzae* (as *Drechslera oryzae*, *H. orizae*) [295, 297, 315, 316] *Cochliobolus heterostrophus* [300, 301] *Cochliobolus miyabeanus* [302] *Drechslera gigantea* [304] *Drechslera zizaniae* (as *Helminthosporium zizaniae*) [306]
TrC-9	3-anhydro-6-*epi*-ophiobolin B		*Cochliobolus heterostrophus* [301] *Drechslera gigantea* (from *Digitaria sanguinalis*) [303, 304]
TrC-10	3-anhydro-6-*epi*-$\Delta^{10(14)}$-ophiobolin B (degradation product)		*Cochliobolus heterostrophus* [301]
TrC-11	di-3-anhydro-6-*epi*-ophiobolin B (degradation product)		*Cochliobolus heterostrophus* [301]
TrC-12	ophiobolin B lactone		As microbial metabolite of ophiobolin A by *Pseudomonas aeruginosa* [300]
TrC-13	ophiobolin C (zizanin A) (ophiobola-7,18-dien-21-al-3α-ol-5-one)		*Aspergillus calidoustus* [317] *Aspergillus insuetus* [317] *Aspergillus flocculosus* [318] *Bipolaris maydis* (as *Drechslera maydis*) [288] *Cochliobolus heterostrophus* (also as *Ophiobolus heterostrophus*) [306, 319] *Drechslera zizaniae* (as *Helminthosporium zizaniae*) [305] *Emericella variecolor* [320] *Mollisia* sp. [321]

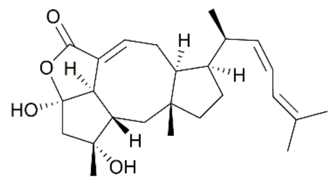
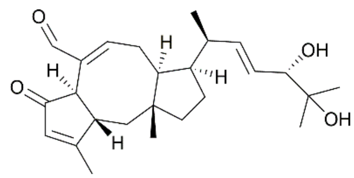
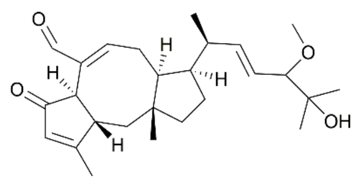
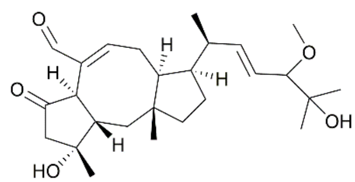
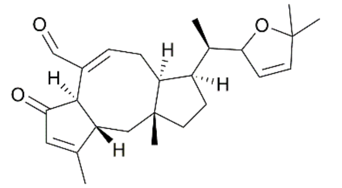
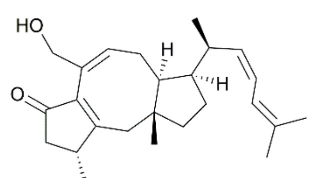
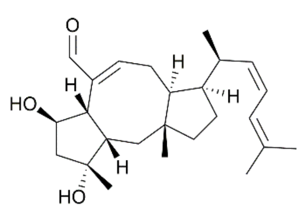
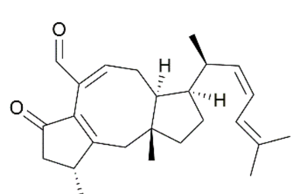
TrC-14	6-*epi*-ophiobolin C		*Aspergillus flocculosus* [318] *Cochliobolus heterostrophus* [319] *Emericella variecolor* [320]
TrC-15	ophiobolin D (cephalonic acid) (ophiobola-3,6,18-trien-8β-ol-21-oic acid)		*Cephalosporium caerulens* [322-324]
TrC-16	ophiobolin E		*Drechslera gigantea* [303, 304]
TrC-17	ophiobolin F		*Bipolaris maydis* (as *Cochliobolus heterostrophus*) [4, 325] *Aspergillus ustus* [326]
TrC-18	ophiobolin G		*Aspergillus* sp. ZJ-68 [327] *Aspergillus* sp. endophytic fungus from the body of *Zoanthus* [328] *Aspergillus ustus* [329, 330] *Emericella variecolor* [320]
TrC-19	6-*epi*-ophiobolin G		*Aspergillus* sp. ZJ-68 [327] *Aspergillus calidoustus* [317] *Aspergillus ustus* [330] *Emericella variecolor* [320, 331] *Ulocladium* sp. isolated from *Everniastrum* sp. [332]
TrC-20	hedyosulide		*Hedyosmum brasiliense* [333]
TrC-21	14,15-dehydro-(*Z*)-14-ophiobolin G		*Aspergillus flocculosus* [318]

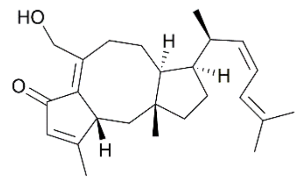
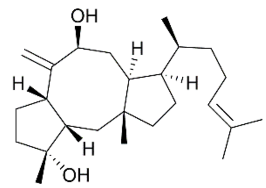
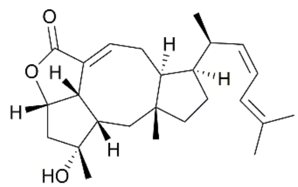
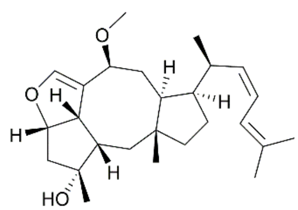
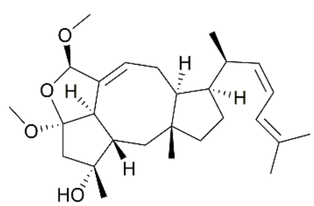
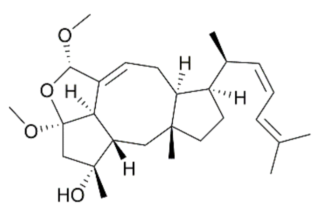
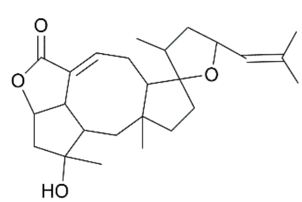
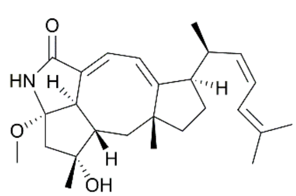
TrC-22	14,15-dehydroophiobolin G		*Aspergillus flocculosus* [318]
TrC-23	14,15-dehydro-6-*epi*-ophiobolin G		*Aspergillus flocculosus* [318]
TrC-24	(6α)-18,19,21,21-*O*-tetrahydro-18,19-dihydroxyophiobolin G		*Aspergillus ustus* [334]
TrC-25	(6α)-21,21-*O*-dihydroophiobolin G or 21-deoxo-21-hydroxy-6-*epi*-ophiobolin G		*Aspergillus ustus* [326, 334] *Aspergillus* sp. ZJ-68 [327] *Ulocladium* sp. isolated from *Everniastrum* sp. [332]
TrC-26	(6α)-21-deoxyophiobolin G		*Aspergillus ustus* [326]
TrC-27	(6α)-16,17-dihydro-21-deoxyophiobolin G		*Aspergillus ustus* [326]
TrC-28	ophiobolin H		*Aspergillus* sp. ZJ-68 [327] *Aspergillus* sp. endophytic fungus from the body of *Zoanthus* [328] *Aspergillus insuetus* [317, 335] *Aspergillus ustus* [326, 329, 330] *Aspergillus ustus* isolated from *Suberites domuncula* [336] *Emericella variecolor* [320]

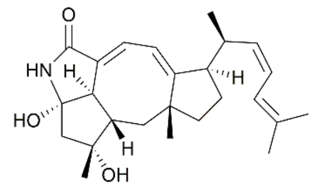
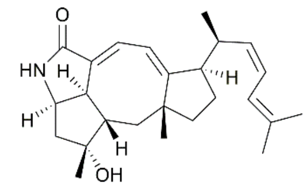
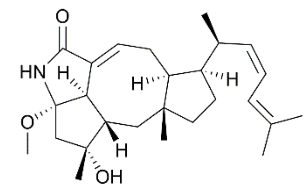
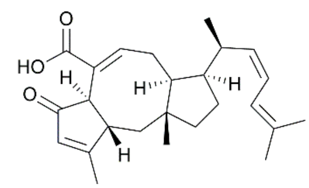
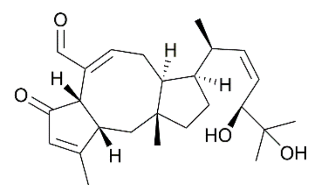
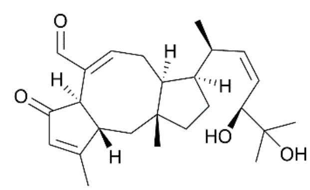
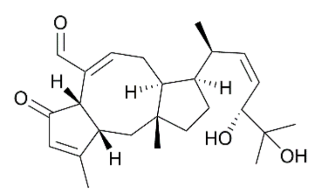
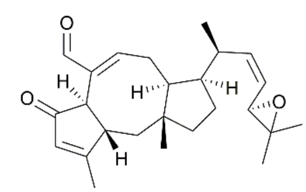
TrC-29	(5α,6α)-ophiobolin H		*Aspergillus ustus* [326, 334] *Aspergillus* sp. ZJ-68 [327] *Aspergillus ustus* [330]
TrC-30	(5α,6α)-5-*O*-methylophiobolin H		*Aspergillus ustus* [334]
TrC-31	5-*O*-methylophiobolin H		*Aspergillus ustus* [334]
TrC-32	ophiobolin I		*Bipolaris oryzae* (also as *Drechslera oryzae*) [295-297, 337] *Bipolaris maydis* (as *Drechslera maydis*) [288] *Bipolaris setariae* [312] *Bipolaris sorghicola* (as *Drechslera sorghicola*) [288] *Cochliobolus heterostrophus* [301] *Drechslera gigantea* (from *Digitaria sanguinalis*) [303, 304] As microbial metabolite of ophiobolin A by *Polyangium cellulosum* [300]
TrC-33	6-*epi*-ophiobolin I		*Bipolaris oryzae* (as *Drechslera oryzae*) [338]
TrC-34	25-hydroxyophiobolin I		*Bipolaris oryzae* (as *Drechslera oryzae*) [297] *Bipolaris maydis* (as *Drechslera maydis*) [288] *Bipolaris sorghicola* (as *Drechslera sorghicola*) [288]
TrC-35	ophiobolin J		*Bipolaris oryzae* (as *Drechslera oryzae*) [338] *Bipolaris* sp. TJ403-B1 [314] *Drechslera gigantea* [304]
TrC-36	8-*epi*-ophiobolin J		*Bipolaris* sp. TJ403-B1 [314] *Drechslera gigantea* [304]

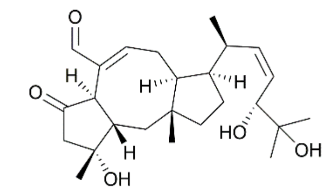
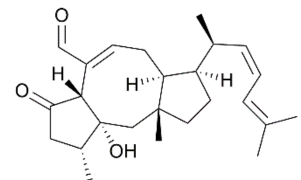
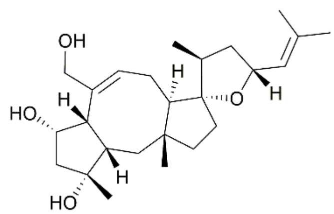
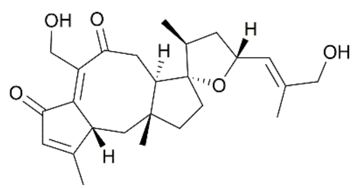
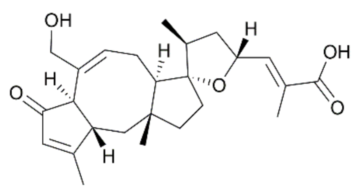
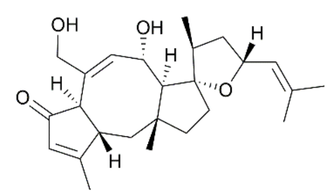
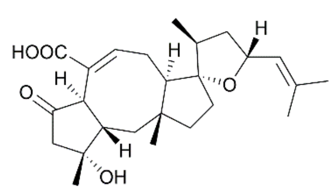
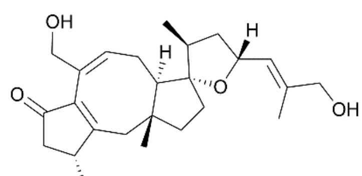
TrC-37	8-deoxyophiobolin J		*Bipolaris oryzae* (as *Drechslera oryzae*) [338] *Bipolaris* sp. TJ403-B1 [339]
TrC-38	ophiobolin K		*Aspergillus* sp. ZJ-68 [327] *Aspergillus calidoustus* [317, 340] *Aspergillus insuetus* [317] *Aspergillus* section *Usti* (IBT 18591) [317] *Aspergillus ustus* [330, 341] *Emericella variecolor* [320, 331] *Aspergillus* sp. endophytic fungus from the body of *Zoanthus* [328]
TrC-39	6-*epi*-ophiobolin K		*Aspergillus* sp. ZJ-68 [327] *Aspergillus* sp. endophytic fungus from the body of *Zoanthus* [328] *Aspergillus calidoustus* [317, 340] *Aspergillus insuetus* [317] *Aspergillus* section *Usti* IBT 18591 [317] *Aspergillus ustus* [330, 341] *Emericella variecolor* [320, 331]
TrC-40	14,15-dehydroophiobolin K		*Aspergillus flocculosus* [318]
TrC-41	14,15-dehydro-6-*epi*-ophiobolin K		*Aspergillus flocculosus* [318]
TrC-42	21-deoxyophiobolin K		*Aspergillus ustus* [330]
TrC-43	ophiobolin L		*Cochliobolus heterostrophus* [300]

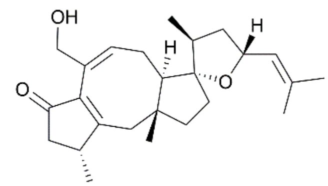
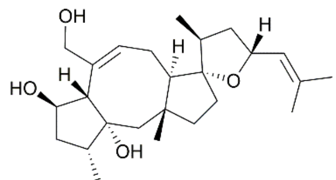
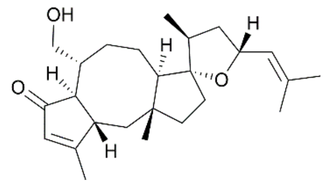
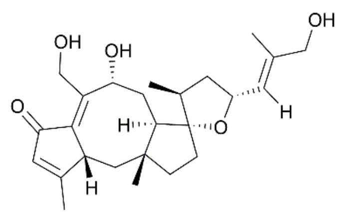
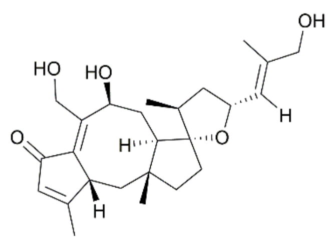
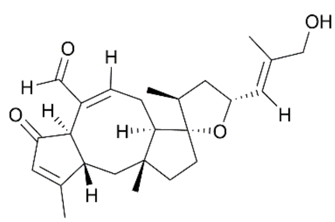
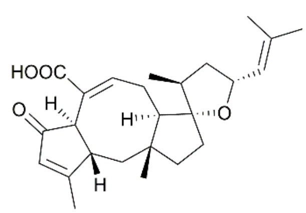
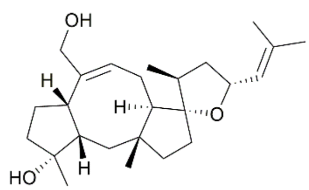
TrC-44	6-*epi*-ophiobolin L		As microbial metabolite of ophiobolin A by *Penicillium patulum* [300]
TrC-45	ophiobolin M		*Cochliobolus heterostrophus* [319]
TrC-46	6-*epi*-ophiobolin M		*Cochliobolus heterostrophus* [319]
TrC-47	ophiobolin N (anhydrozizanin-A)		*Aspergillus flocculosus* [318] *Ophiobolus heterostrophus* (*Bipolaris oryzae*)[306]
TrC-48	6-*epi*-ophiobolin N		*Aspergillus insuetus* [335] *Emericella variecolor* [320] *Aspergillus flocculosus* [318]
TrC-49	ophiobolin O		*Aspergillus* sp. endophytic fungus from the body of *Zoanthus* [328] *Aspergillus ustus* [330, 342] *Cephalosporium caerulens* [294]
TrC-50	6-*epi*-ophiobolin O		*Aspergillus* sp. endophytic fungus from the body of *Zoanthus* [328]
TrC-51	21-*epi*-ophiobolin O		*Aspergillus ustus* [330]

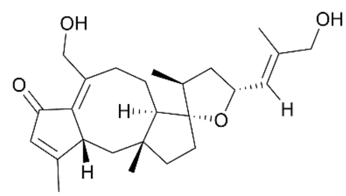
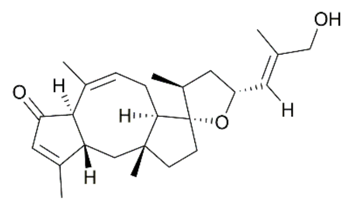
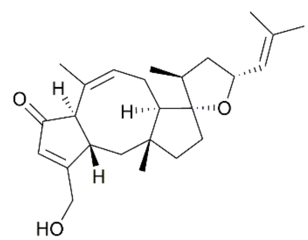
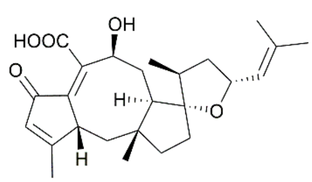
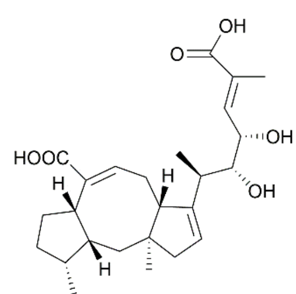
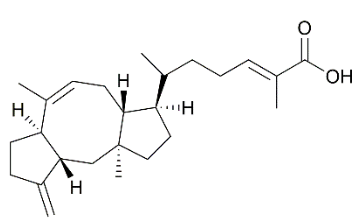
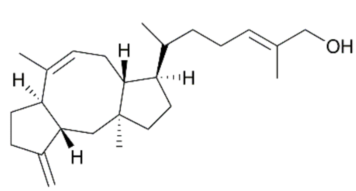
TrC-52	ophiobolin P		*Aspergillus* sp. ZJ-68 [327] *Aspergillus ustus* [330] *Ulocladium* sp. isolated from *Everniastrum* sp. [332]
TrC-53	ophiobolin Q		*Aspergillus* sp. ZJ-68 [327] *Aspergillus ustus* [330] *Ulocladium* sp. isolated from *Everniastrum* sp. [332]
TrC-54	ophiobolin R		*Ulocladium* sp. isolated from *Everniastrum* sp. [332]
TrC-55	ophiobolin S		*Ulocladium* sp. isolated from *Everniastrum* sp. [332]
TrC-56	ophiobolin T		*Ulocladium* sp. isolated from *Everniastrum* sp. [332]
TrC-57	ophiobolin U*		*Aspergillus* sp. ZJ-68 [327] *Aspergillus ustus* [326, 330]
TrC-58	ophiobolin U*		*Aspergillus* sp. ZJ-68 [327] *Aspergillus insuetus* [317, 335]
TrC-59	21-dehydroophiobolin U		*Aspergillus ustus* [330]

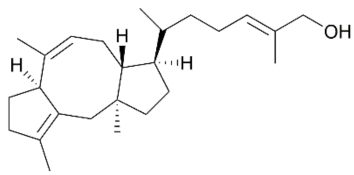
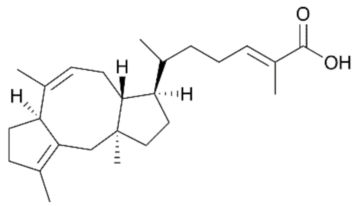
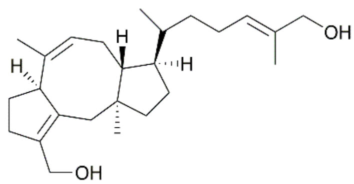
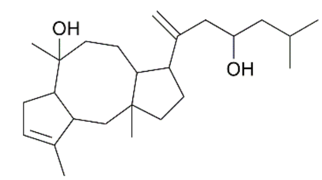
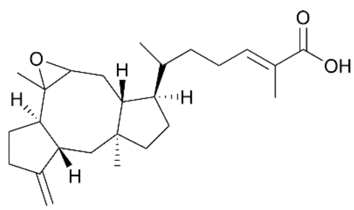
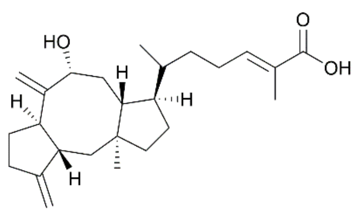
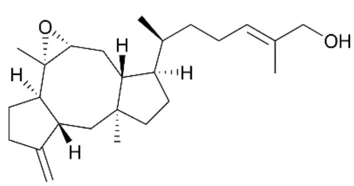
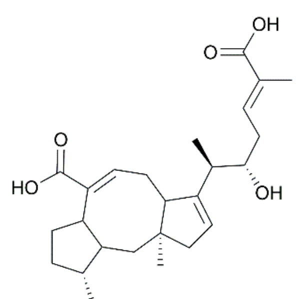
TrC-60	ophiobolin V		*Aspergillus ustus* [326]
TrC-61	ophiobolin W		*Aspergillus ustus* [326]
TrC-62	ophiobolin X		*Aspergillus* sp. ZJ-68 [327] *Aspergillus ustus* [330]
TrC-63	ophiobolin Y		*Aspergillus ustus* [330]
TrC-64	ophiobolin Z		*Aspergillus ustus* [330]
TrC-65	21-*epi*-ophiobolin Z		*Aspergillus ustus* [330]
TrC-66	ophiobola-7,19-dien-25-oic acid (14,18(*R*)-epoxy-3,5-dihydroxy-γ-lactone)		*Cochliobolus miyabeanus* [343]
TrC-67	asperophiobolin A		*Aspergillus* sp. ZJ-68 [327]

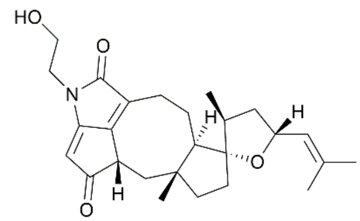
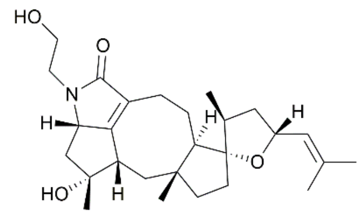
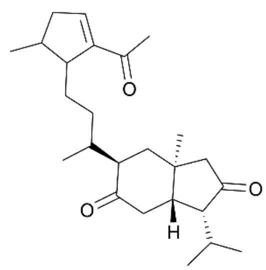
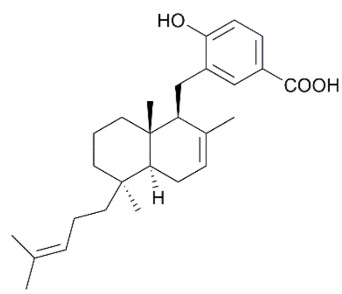
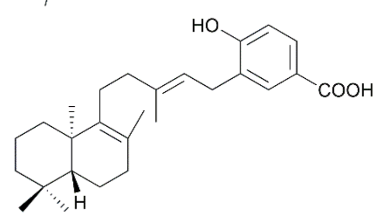
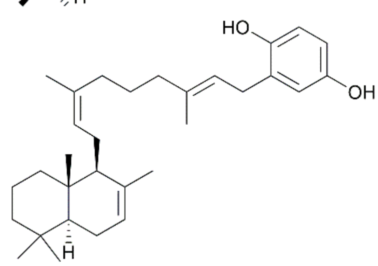
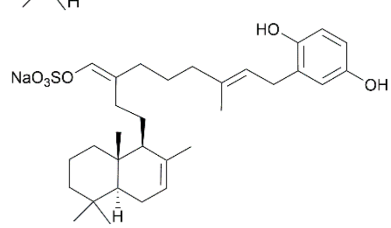
TrC-68	asperophiobolin B		*Aspergillus* sp. ZJ-68 [327]
TrC-69	asperophiobolin C		*Aspergillus* sp. ZJ-68 [327]
TrC-70	asperophiobolin D		*Aspergillus* sp. ZJ-68 [327]
TrC-71	asperophiobolin E		*Aspergillus* sp. ZJ-68 [327]
TrC-72	asperophiobolin F		*Aspergillus* sp. ZJ-68 [327]
TrC-73	asperophiobolin G		*Aspergillus* sp. ZJ-68 [327]
TrC-74	asperophiobolin H		*Aspergillus* sp. ZJ-68 [327]
TrC-75	asperophiobolin I		*Aspergillus* sp. ZJ-68 [327]

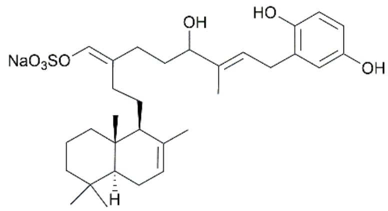
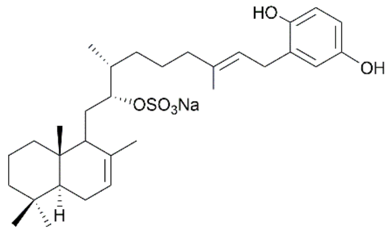
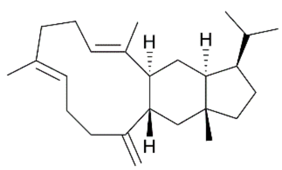
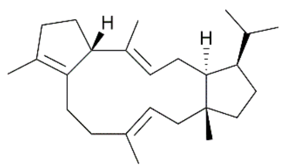
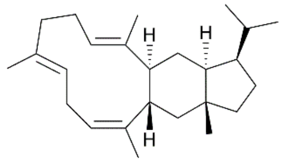
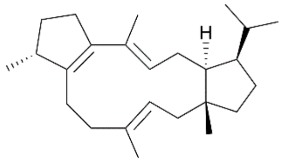
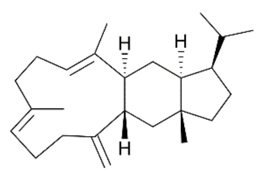
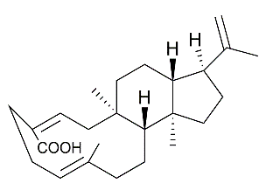
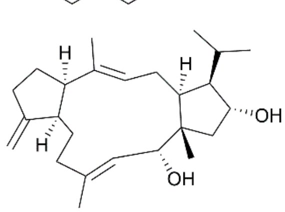
TrC-76	asperophiobolin J		*Aspergillus* sp. ZJ-68 [327]
TrC-77	asperophiobolin K		*Aspergillus* sp. ZJ-68 [327]
TrC-78	ophiobotriol		*Bipolaris* sp. TJ403-B1 [173]
TrC-79	bipolarin A		*Bipolaris* sp. TJ403-B1 [339]
TrC-80	bipolarin B		*Bipolaris* sp. TJ403-B1 [339]
TrC-81	bipolarin C		*Bipolaris* sp. TJ403-B1 [339]
TrC-82	bipolarin D		*Bipolaris* sp. TJ403-B1 [339]
TrC-83	bipolarin E		*Bipolaris* sp. TJ403-B1 [339]

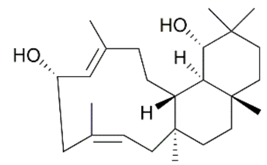
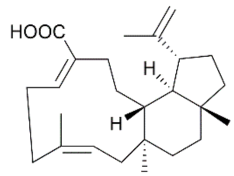
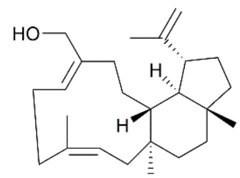
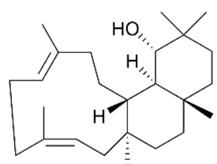
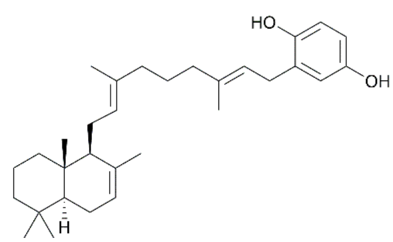
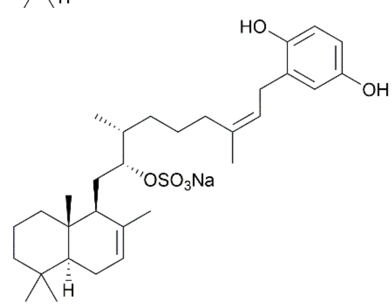
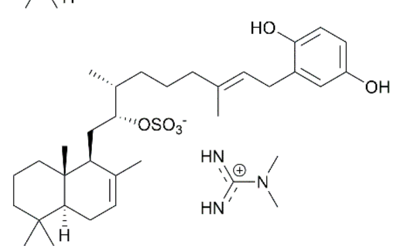
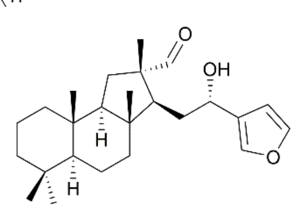
TrC-84	bipolarin F		*Bipolaris* sp. TJ403-B1 [339]
TrC-85	bipolarin G		*Bipolaris* sp. TJ403-B1 [339]
TrC-86	bipolarin H		*Bipolaris* sp. TJ403-B1 [339]
TrC-87	bipolaricin A		*Bipolaris* sp. TJ403-B1[314]
TrC-88	bipolaricin B		*Bipolaris* sp. TJ403-B1[314]
TrC-89	bipolaricin C		*Bipolaris* sp. TJ403-B1 [314]
TrC-90	bipolaricin D		*Bipolaris* sp. TJ403-B1 [314]
TrC-91	bipolaricin E		*Bipolaris* sp. TJ403-B1 [314]

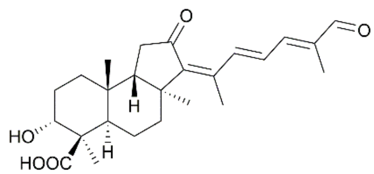
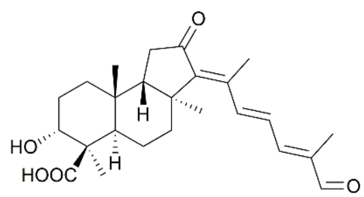
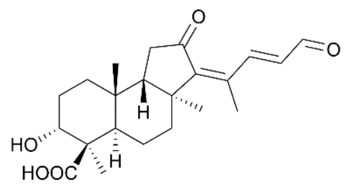
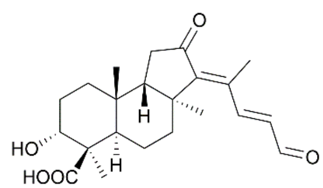
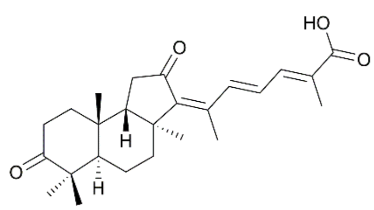
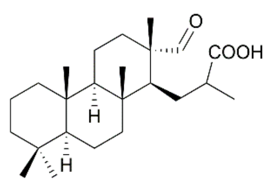
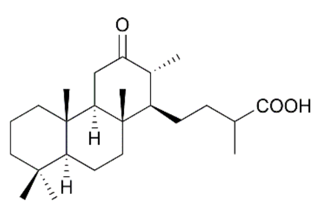
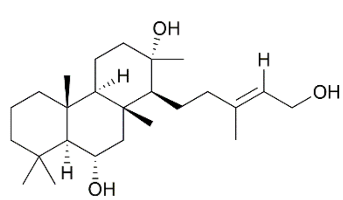
TrC-92	bipolaricin F		*Bipolaris* sp. TJ403-B1 [314]
TrC-93	bipolaricin G		*Bipolaris* sp. TJ403-B1 [314]
TrC-94	bipolaricin H		*Bipolaris* sp. TJ403-B1 [314]
TrC-95	bipolaricin I		*Bipolaris* sp. TJ403-B1 [314]
TrC-96	halorosellinic acid		*Halorosellinia oceanica* [344]
TrC-97	ceroplasteric acid		*Ceroplastes albolineatus* [345, 346]
TrC-98	ceroplastol-I		*Ceroplastes albolineatus* [207, 345]

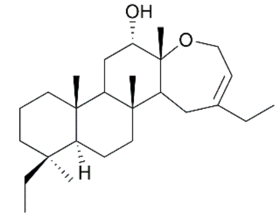
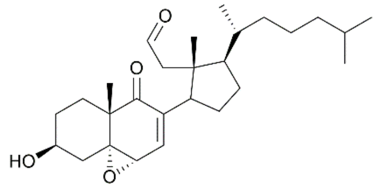
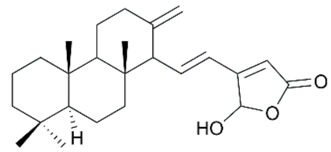
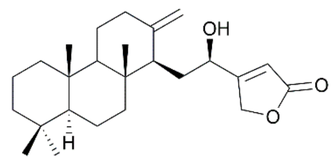
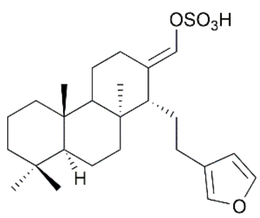
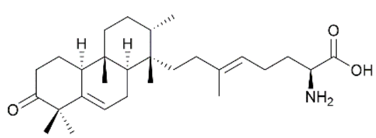
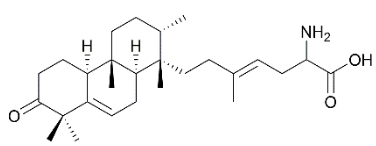
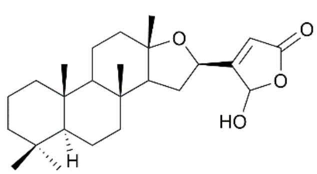
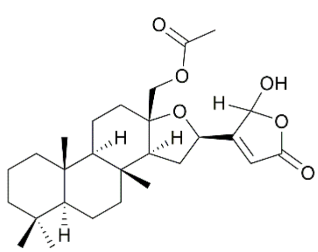
TrC-99	ceroplastol-II		*Ceroplastes albolineatus* [207, 347]
TrC-100	albolic acid		*Ceroplastes albolineatus* [346]
TrC-101	ceroplastodiol		*Ceroplastes albolineatus* [348]
TrC-102	cheilarinosin		*Cheilanthes farinosa* [349]
TrC-103	ceralbic acid I		*Ceroplastes albolineatus* [350]
TrC-104	ceralbic acid II		*Ceroplastes albolineatus* [350]
TrC-105	ceralbol		*Ceroplastes albolineatus* [351]
TrC-106	17-dehydroxyhalorosellinic acid		*Halorosellinia oceanica* [344]

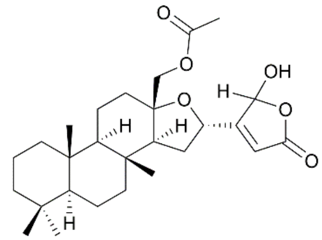
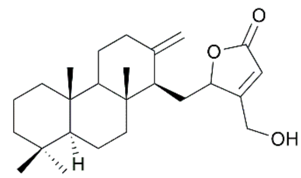
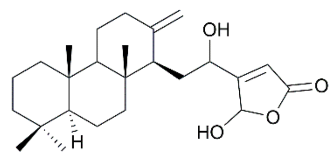
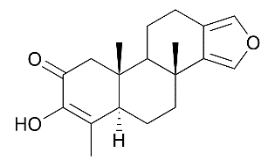
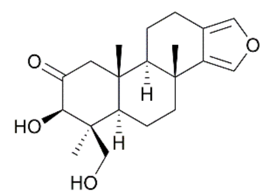
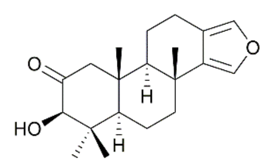
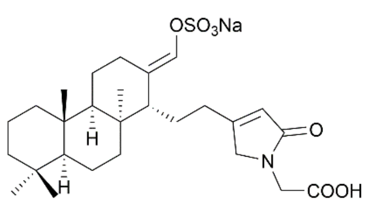
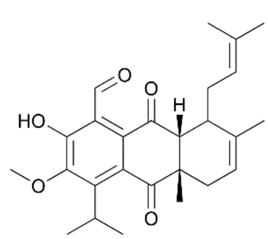
TrC-107	bipolarolide F		*Bipolaris* sp. TJ403-B1 [173]
TrC-108	bipolarolide G		*Bipolaris* sp. TJ403-B1 [173]
TrC-109	alborosin		*Gentianella alborosea* [352]
TrC-110	jaspic acid		*Jaspis* cf. *johnstoni* [353]
TrC-111	(-)-(5*R*,10*R*)-subersic acid		*Suberea* sp. [354]
TrC-112	coscinoquinol		*Coscinoderma* sp. [355] *Dysidea* sp. [145]
TrC-113	hipposulfate A		*Hippospongia* cf. *metachromia* [356]

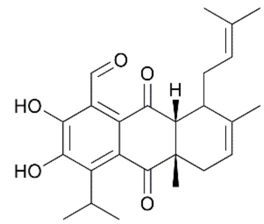
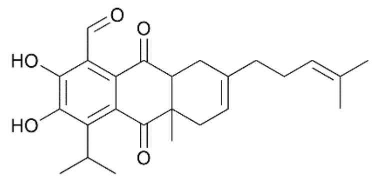
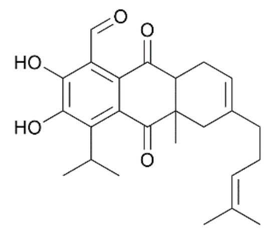
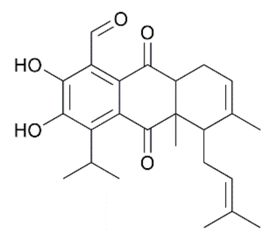
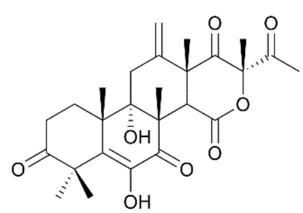
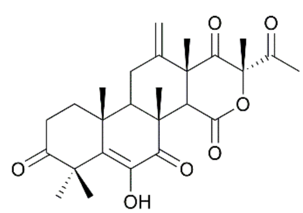
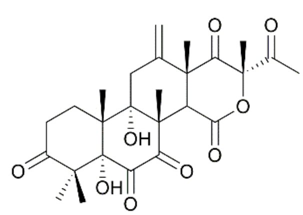
TrC-114	hipposulfate B		*Hippospongia* cf. *metachromia* [356]
TrC-115	halisulfate 1		Marine sponge of the family Halichondriidae [144] *Hippospongia* sp. [194] *Dysidea* sp. [145]
TrC-116	(+)-arathanatriene (reported as (−)-caprutriene A by Huang et al. [265])		*Arabidopsis thaliana* [266] *Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
TrC-117	(−)-variculatriene A		*Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
TrC-118	(−)-caprutriene (reported as (+)-arathanatriene in Huang et al. [265])		*Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
TrC-119	(-)-variculatriene B		*Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
TrC-120	(+)-thalianatriene		*Arabidopsis thaliana/Escherichia coli* [357]
TrC-121	stellatic acid		*Aspergillus stellatus* [358, 359]
TrC-122	variculanol		*Aspergillus variecolor* [360]

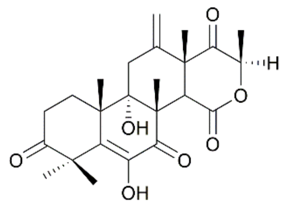
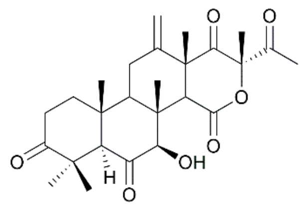
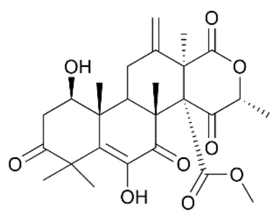
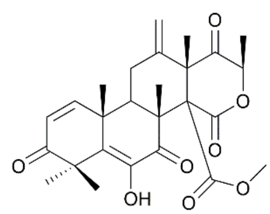
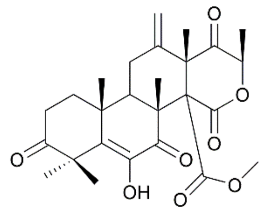
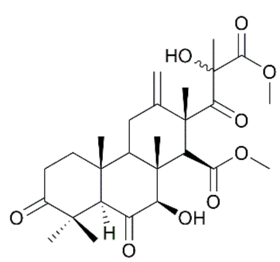
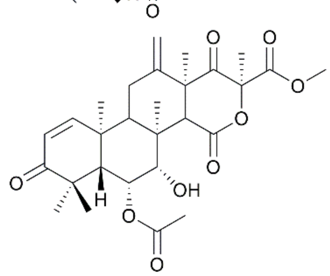
TrC-123	5α-hydroxyfloridenol		*Ceroplastes floridensis* [361]
TrC-124	floceric acid		*Ceroplastes floridensis* [361]
TrC-125	flocerol		*Ceroplastes floridensis* [361]
TrC-126	floridenol		*Ceroplastes floridensis* [361]
TrC-127	(*E*)-halisufate		*Coscinoderma* sp. [362]
TrC-128	(17*Z*)-halisulfate 1		*Coscinoderma* sp. [362]
TrC-129	N,N-dimethylguanidinium halisulfate 1		*Dysidea* sp. [145]
TrC-130	hyrtiosal		*Hyrtios erectus* [363] *Spongia hispida* [364] *Hippospongia* sp. [365]

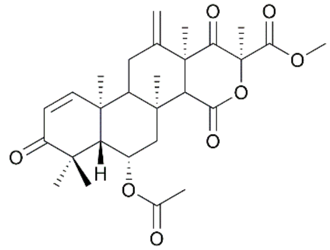
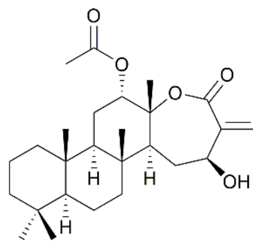
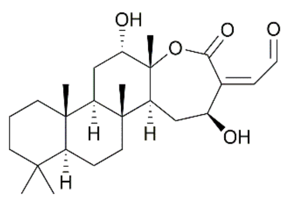
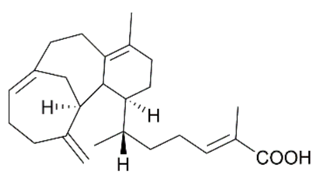
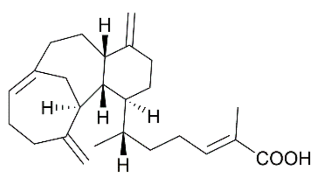
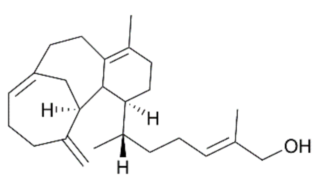
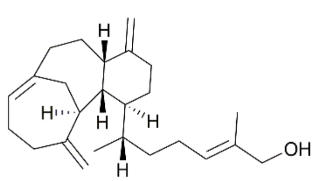
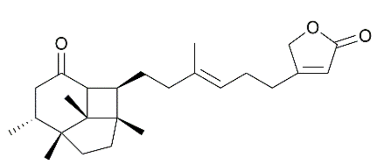
TrC-131	jaspiferal C		*Jaspis stellifera* [366]
TrC-132	jaspiferal D		*Jaspis stellifera* [366]
TrC-133	jaspiferal E		*Jaspis stellifera* [366]
TrC-134	jaspiferal F		*Jaspis stellifera* [366]
TrC-135	jaspolide F		*Jaspis* sp. [367]
TrC-136	conulosin A		*Latrunculia conulosa* [368]
TrC-137	conulosin B		*Latrunculia conulosa* [368]
TrC-138	cheilanthatriol		*Cheilanthes farinosa* [369]

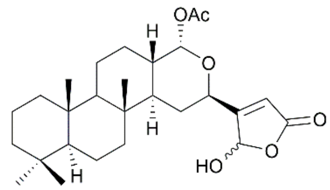
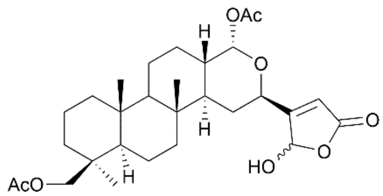
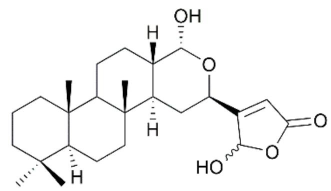
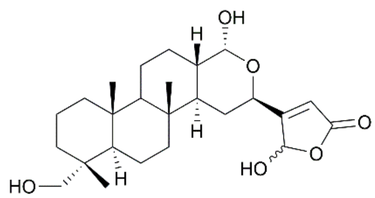
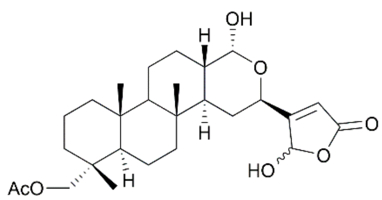
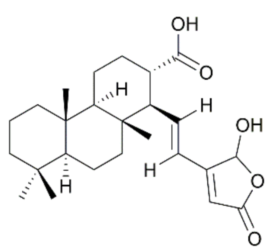
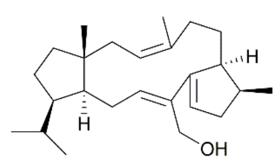
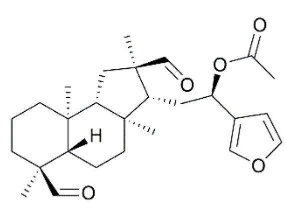
TrC-139	granulosane A		*Dysidea granulosa* [370]
TrC-140	9,11-secosterol-3α-hydroxy-5α,6α-epoxy-9-oxo-9,11-seco-5α -cholest-7-en-11-al		*Spongia matamata* [371]
TrC-141	25-hydroxy-13(24),15,17-cheilanthatrien-19,25-olide		*Ircinia* sp. [372]
TrC-142	hamiltonin E		*Chromodoris hamiltoni* [373]
TrC-143	suvanine		*Ircinia* sp. [374] *Coscinoderma mathewsi* [375]
TrC-144	atolypene A		*Streptomyces albus, Amycolatopsis tolypomycina* [376]
TrC-145	atolypene B		*Streptomyces albus, Amycolatopsis tolypomycina* [376]
TrC-146	13,16-epoxy-25-hydroxy-17-cheilanthen-19,25-olide		*Ircinia* sp. [372]
TrC-147	lintenolide A or spongianolide C		*Cacospongia* cf. *linteiformis* [377] *Spongia* sp. [378] *Semitaspongia bactriana* [69]

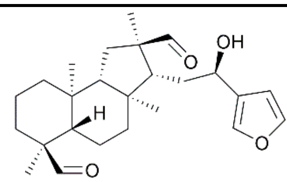
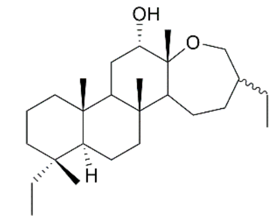
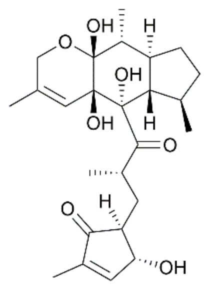
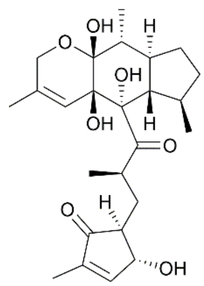
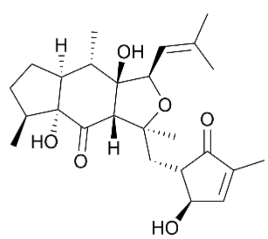
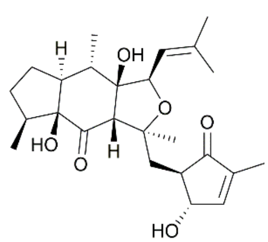
TrC-148	lintenolide B or spongianolide D		*Cacospongia* cf. *linteiformis* [377] *Spongia* sp. [378]
TrC-149	25-hydroxy-13(24),17-cheilanthadien-16,19-olide		*Ircinia* sp. [372]
TrC-150	16,25-dihydroxy-13(24),17-cheilanthadien-19,25-olide		*Ircinia* sp. [372]
TrC-151	19-nor-3-hydroxyspongia-3,13(16),14-trien-2-one		*Spongia tubulifera* [379]
TrC-152	3β,19-dihydroxyspongia-13(16),14-dien-2-one (epispongiadiol)		*Spongia tubulifera* [379]
TrC-153	3β-hydroxyspongia-13(16),14-dien-2-one		*Spongia tubulifera* [379]
TrC-154	coscinolactam B		*Coscinoderma mathewsi* [375]
TrC-155	heliocide B1		*Gossypium hirsutum* [150]

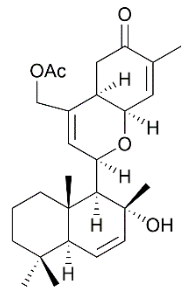
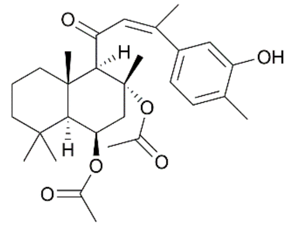
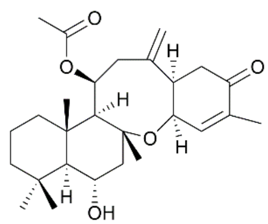
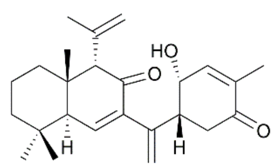
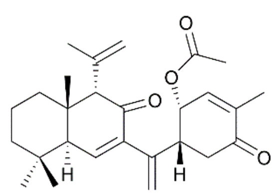
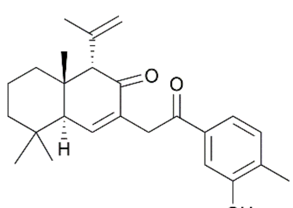
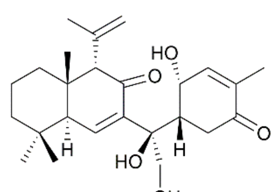
TrC-156	heliocide H1 also reported as heliocide 2 [380]		*Gossypium hirsutum* [150, 381]
TrC-157	heliocide H2 also reported as heliocide 1 [380]		*Gossypium hirsutum* [382]
TrC-158	heliocide H3 also reported as heliocide 4 [380]		*Gossypium hirsutum* [383]
TrC-159	heliocide H4 also reported as heliocide 3 [380]		*Gossypium hirsutum* [381]
TrC-160	terretonin		*Aspergillus terreus* NRRL 6273 [384]
TrC-161	terretonin A		*Aspergillus terreus* [385]
TrC-162	terretonin B		*Aspergillus terreus* [385]

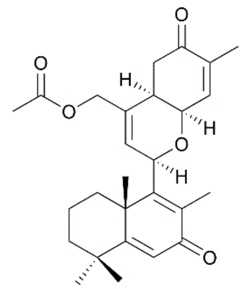
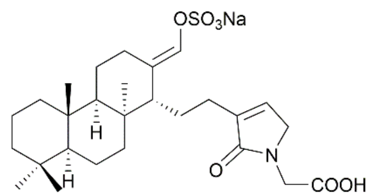
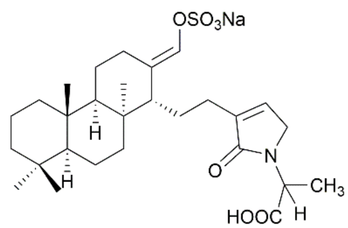
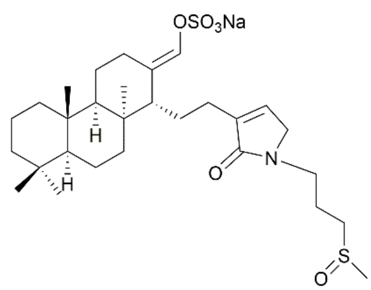
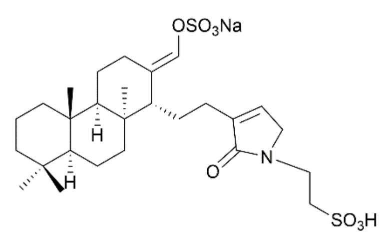
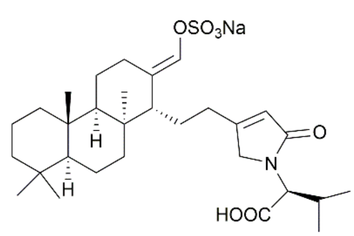
TrC-163	terretonin C		*Aspergillus terreus* [385]
TrC-164	terretonin D		*Aspergillus terreus* [385]
TrC-165	terretonin E		*Aspergillus insuetus* [386] *Aspergillus* sp. *RR-YLW-12* (*Rhodomela confervoides*) [387]
TrC-166	terretonin F		*Aspergillus insuetus* [386] *Aspergillus ustus* [326]
TrC-167	1,2-dihydroterretonin F		*Aspergillus ustus* [326]
TrC-168	terretonin G		*Aspergillus* sp. OPMF00272 [388]
TrC-169	terretonin H		*Aspergillus ustus* [389]

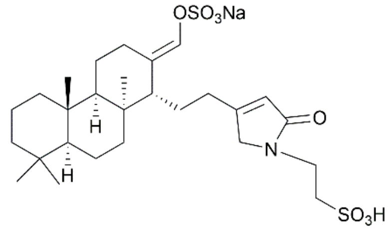
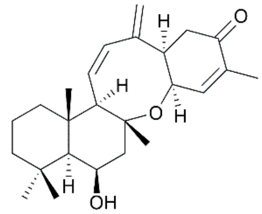
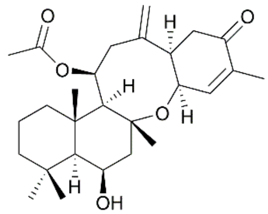
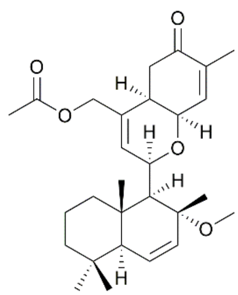
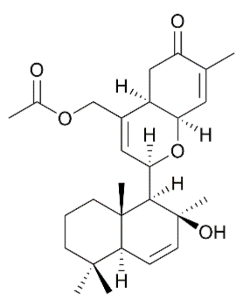
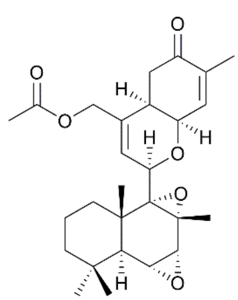
TrC-170	terretonin I		*Aspergillus ustus* [389]
TrC-171	hyatolide A		*Hyattella intestinalis* [390]
TrC-172	hyatolide B		*Hyattella intestinalis* [390]
TrC-173	cerorubenic acid-I		*Ceroplastes rubens* [391]
TrC-174	cerorubenic acid-II		*Ceroplastes rubens* [391]
TrC-175	cerorubenol-I		*Ceroplastes rubens* [391]
TrC-176	cerorubenol-II		*Ceroplastes rubens* [391]
TrC-177	lintenone		*Cacospongia* cf. *linteiformis* [392]

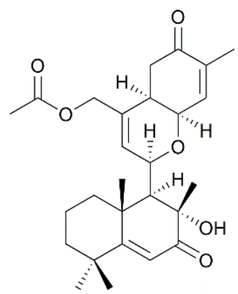
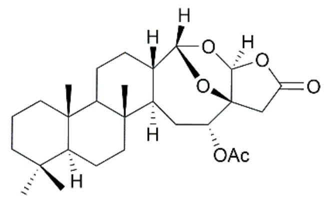
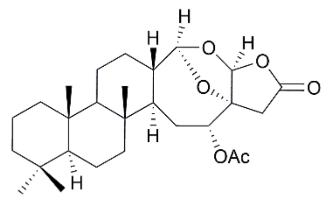
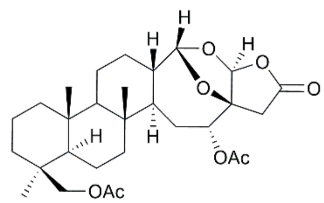
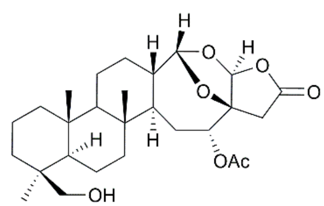
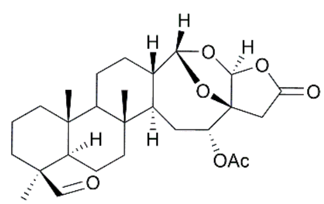
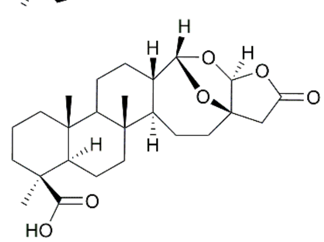
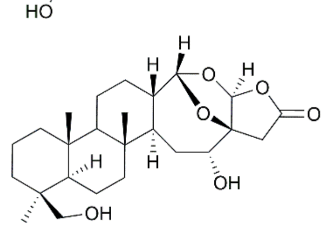
TrC-178	petrosaspongiolide M		*Petrosaspongia nigra* [393]
TrC-179	petrosaspongiolide N		*Petrosaspongia nigra* [393]
TrC-180	petrosaspongiolide P		*Petrosaspongia nigra* [393] *Spongia* sp. [394]
TrC-181	21-hydroxy petrosaspongiolide P		*Spongia* sp. [394]
TrC-182	petrosaspongiolide Q		*Petrosaspongia nigra* [393]
TrC-183	petrosaspongiolide R		*Petrosaspongia nigra* [393]
TrC-184	nitiol		*Gentianella nitida* [395]
TrC-185	(+)-16-*O*-acetyl-20-formylhyrtiosal		*Hyrtios erectus* [34]

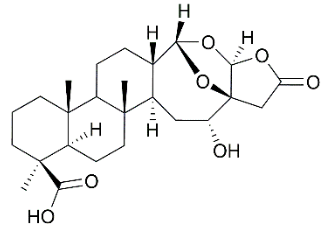
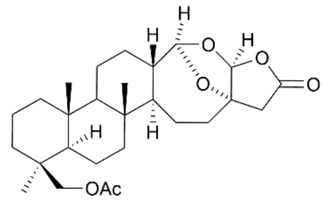
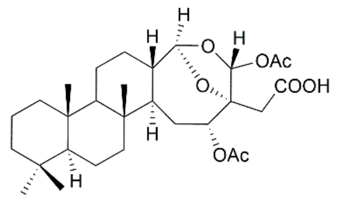
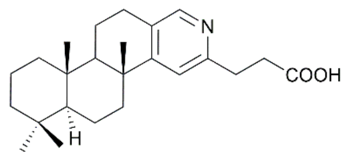
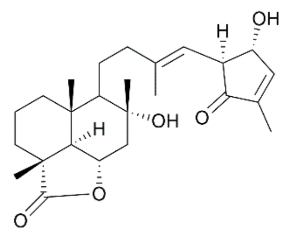
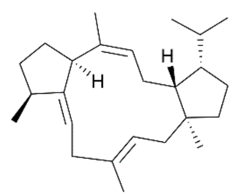
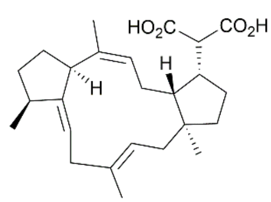
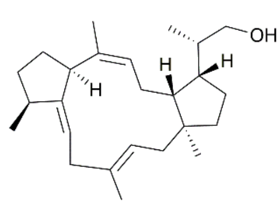
TrC-186	(+)-20-formylhyrtiosal		*Hyrtios erectus* [34]
TrC-187	12β-hydroxy-20,24-dimethyl-13,18-oxa-25-norscalarane		*Phyllospongia madagascarensis* [396]
TrC-188	leucosesterterpenone		*Leucosceptrum canum* [241]
TrC-189	14β-methylleucosesterterpenone		*Leucosceptrum canum* [243]
TrC-190	leucosceptroid C		*Leucosceptrum canum* [397]
TrC-191	leucosceptroid D		*Leucosceptrum canum* [397]

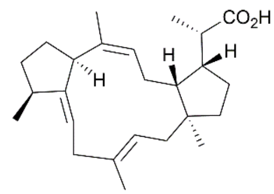
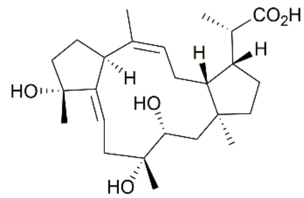
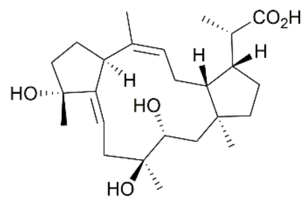
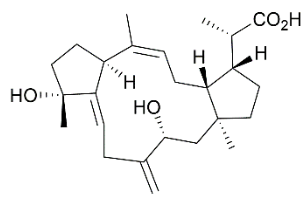
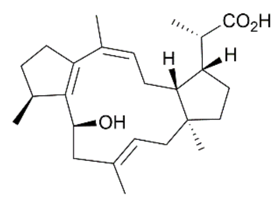
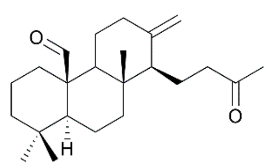
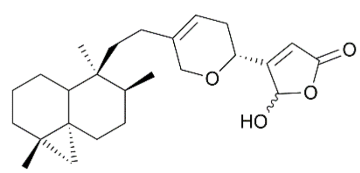
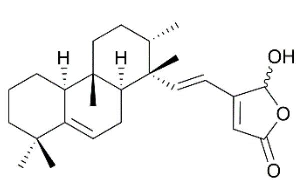
TrC-192	ansellone A		*Cadlina luteomarginata* [398] *Phorbas* sp. [398]
TrC-193	ansellone B		*Phorbas* sp. [162, 399]
TrC-194	ansellone B1		*Phorbas* sp. [162]
TrC-195	phorbasone A		*Phorbas* sp. [400]
TrC-196	phorbasone A acetate		*Phorbas* sp. [399]
TrC-197	isophorbasone A		*Phorbas* sp. [399]
TrC-198	phorbasone B		*Phorbas* sp. [400]

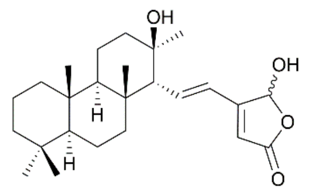
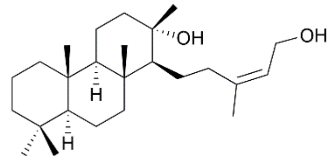
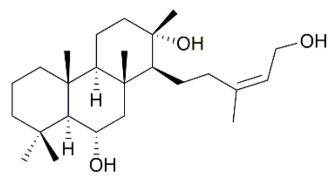
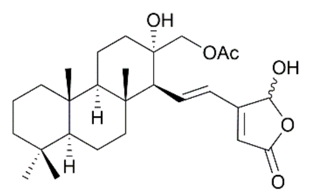
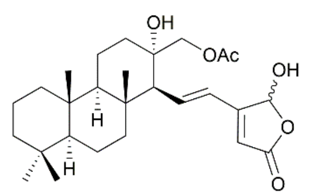
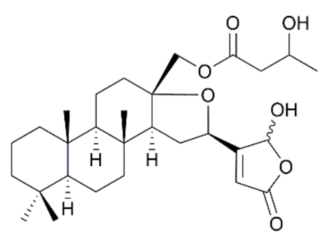
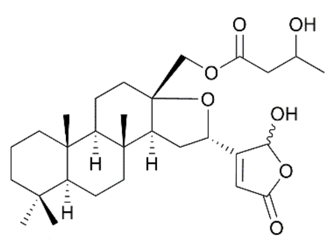
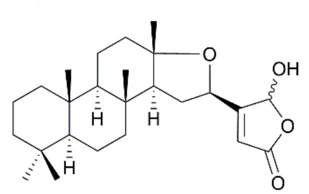
TrC-199	phorbadione		*Phorbas* sp. [162]
TrC-200	coscinolactam A		*Coscinoderma mathewsi* [375] *Coscinoderma* sp. [308]
TrC-201	coscinolactam C		*Coscinoderma* sp. [308]
TrC-202	coscinolactam D		*Coscinoderma* sp. [308]
TrC-203	coscinolactam E		*Coscinoderma* sp. [308]
TrC-204	coscinolactam F		*Coscinoderma* sp. [308]

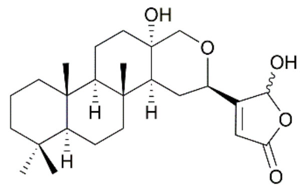
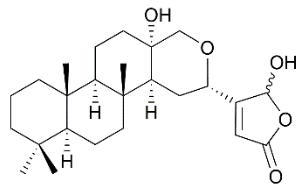
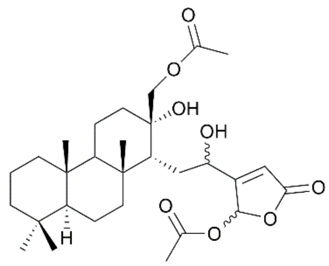
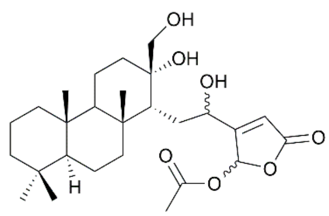
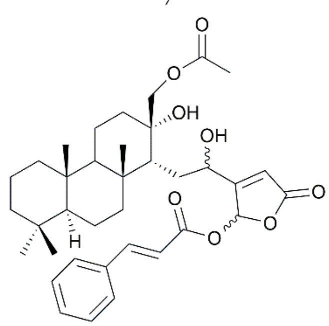
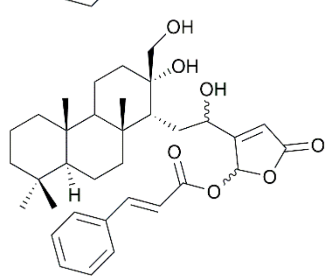
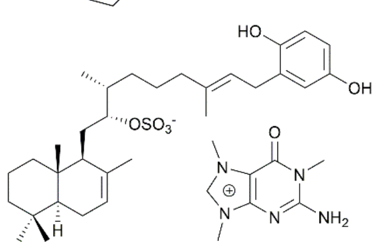
TrC-205	coscinolactam G		*Coscinoderma* sp. [308]
TrC-206	ansellone C*		*Clathria gombawuiensis* [401]
TrC-207	ansellone C*		*Phorbas* sp. [163]
TrC-208	ansellone D		*Phorbas* sp. [163]
TrC-209	ansellone E		*Phorbas* sp. [163]
TrC-210	ansellone F		*Phorbas* sp. [163]

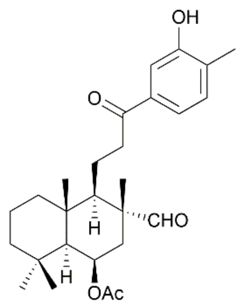
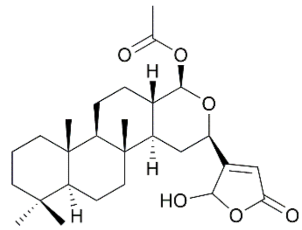
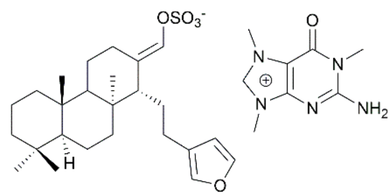
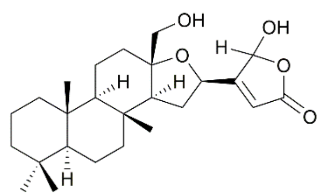
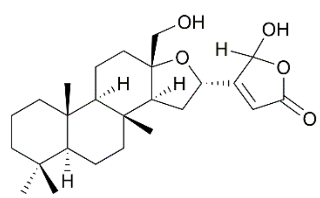
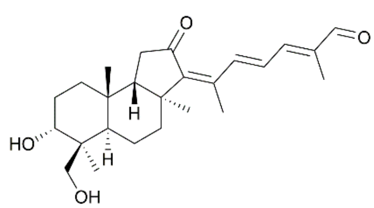
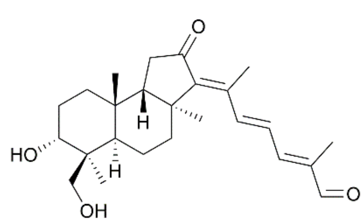
TrC-211	ansellone G		*Phorbas* sp. [163]
TrC-212	petrosaspongiolide A (reported also as unnamed tricarbocyclic sesterterpene, compound 2[402])		*Dactylospongia* sp. [402] *Petrosaspongia nigra* [403] *Spongia* sp. [404]
TrC-213	petrosaspongiolide B (reported also as unnamed tricarbocyclic sesterterpene, compound 1[402])		*Dactylospongia* sp. [402] *Petrosaspongia nigra* [403] *Spongia* sp. [404]
TrC-214	petrosaspongiolide C		*Petrosaspongia nigra* [405]
TrC-215	petrosaspongiolide D		*Petrosaspongia nigra* [405] *Spongia* sp. [394]
TrC-216	petrosaspongiolide E		*Petrosaspongia nigra* [405]
TrC-217	petrosaspongiolide F		*Petrosaspongia nigra* [405]
TrC-218	petrosaspongiolide G		*Petrosaspongia nigra* [405] *Spongia* sp. [394]

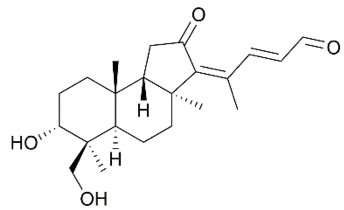
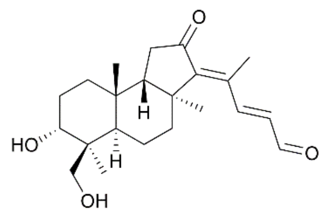
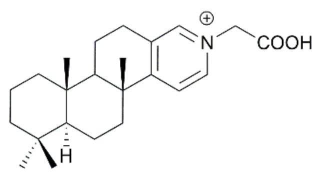
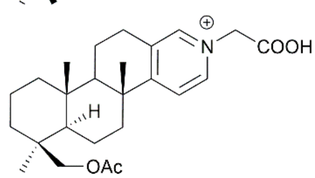
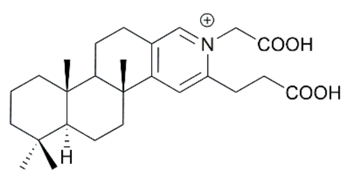
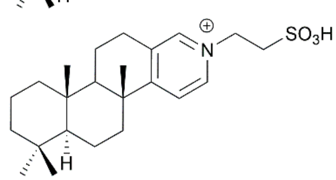
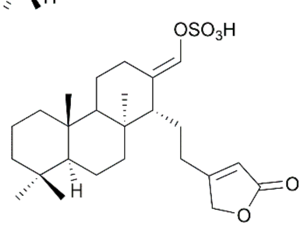
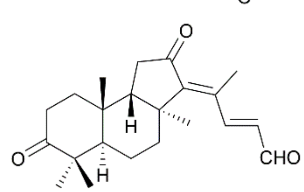
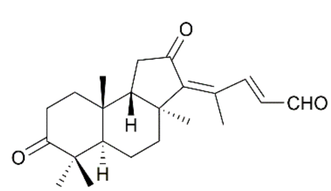
TrC-219	petrosaspongiolide H		*Petrosaspongia nigra* [405]
TrC-220	petrosaspongiolide I		*Petrosaspongia nigra* [405] *Spongia* sp. [404]
TrC-221	petrosaspongiolide J		*Petrosaspongia nigra* [405]
TrC-222	petrosaspongiolide L		*Petrosaspongia nigra* [405]
TrC-223	salvileucolidone		*Salvia hypoleuca* [201]
TrC-224	betaestacin I (Pb1)		*Phoma betae* [267] Genome mining of BFTS against *Phoma betae* and *Colletotrichum orbiculare* [406]
TrC-225	betaestacin II		Genome mining of BFTS against *Phoma betae* and *Colletotrichum orbiculare* [406]
TrC-226	betaestacin III		Genome mining of BFTS against *Phoma betae* and *Colletotrichum orbiculare* [406]

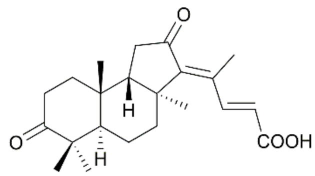
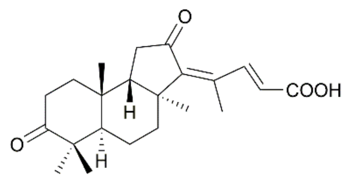
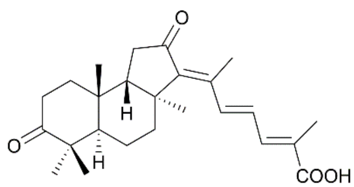
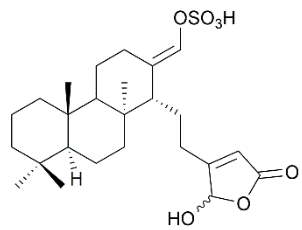
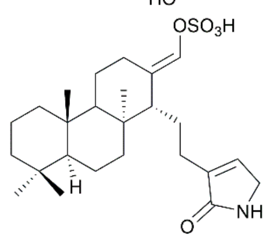
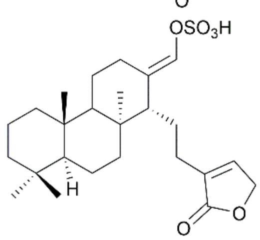
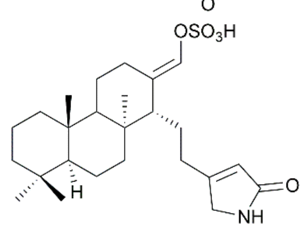
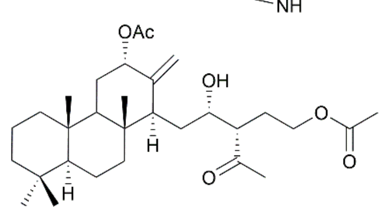
TrC-227	betaestacin IV		Genome mining of BFTS against *Phoma betae* and *Colletotrichum orbiculare* [406]
TrC-228	betaestacin Va		Genome mining of BFTS against *Phoma betae* and *Colletotrichum orbiculare* [406]
TrC-229	betaestacin Vb		Genome mining of BFTS against *Phoma betae* and *Colletotrichum orbiculare* [406]
TrC-230	betaestacin Vc		Genome mining of BFTS against *Phoma betae* and *Colletotrichum orbiculare* [406]
TrC-231	betaestacin VI		Genome mining of BFTS against *Phoma betae* and *Colletotrichum orbiculare* [406]
TrC-232	luteone		*Cadlina luteomarginata* [407]
TrC-233	cacospongionolide		*Cacospongia mollior* [408] *Fasciospongia cavernosa* [409]
TrC-234	aplysolide A and B (25α and 25β)		*Aplysinopsis* sp. [410]

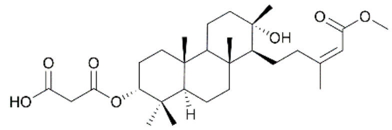
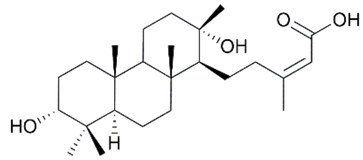
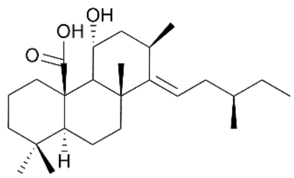
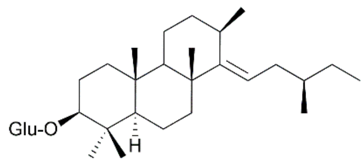
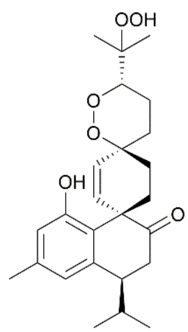
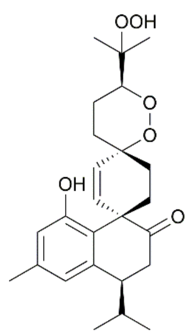
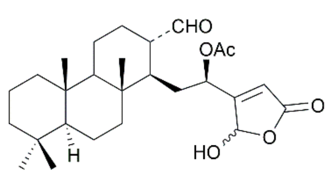
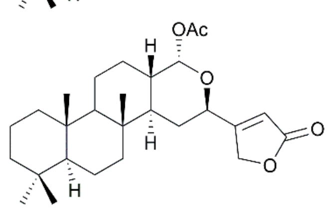
TrC-235	aplyolide		*Aplysinopsis* sp. [410]
TrC-236	cheilanthenediol		*Aleuritopteris khunii* [411]
TrC-237	cheilanthenetriol		*Aleuritopteris khunii* [411]
TrC-238	spongianolide A		*Spongia* sp. [378]
TrC-239	spongianolide B		*Spongia* sp. [378]
TrC-240	spongianolide E		*Spongia* sp. [378]
TrC-241	spongianolide F		*Spongia* sp. [378]
TrC-242	lintenolide C		*Cacospongia* cf. *linteiformis* [412]

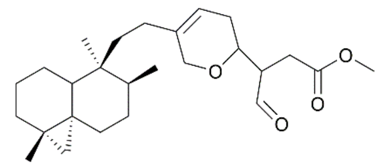
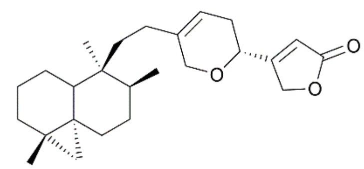
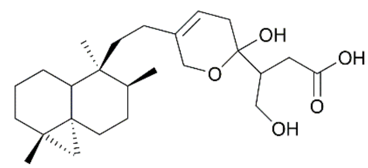
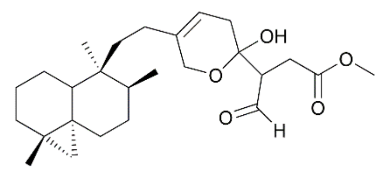
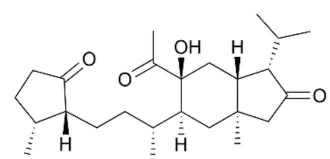
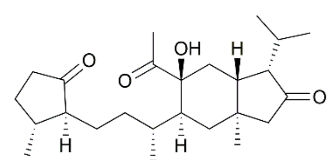
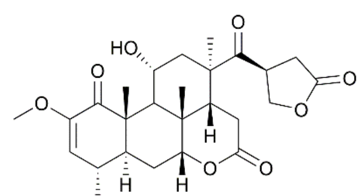
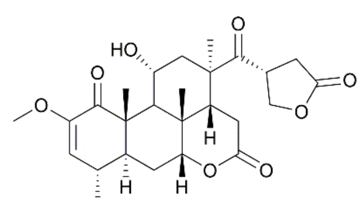
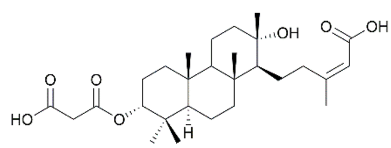
TrC-243	lintenolide D		*Cacospongia* cf. *linteiformis* [412]
TrC-244	lintenolide E		*Cacospongia* cf. *linteiformis* [412]
TrC-245	vulgaroside 1 (24,25-*O*-diacetylvulgaroside)		*Cydonia vulgaris* [413]
TrC-246	vulgaroside 2 (25-*O*-acetylvulgaroside)		*Cydonia vulgaris* [413]
TrC-247	vulgaroside 3 (24-*O*-acetyl-25-*O*-cinnamoylvulgaroside)		*Cydonia vulgaris* [413]
TrC-248	vulgaroside 4 (25-*O*-cinnamoylvulgaroside)		*Cydonia vulgaris* [413]
TrC-249	halisulfate 1 methylherbipoline		*Coscinoderma mathewsi* [414]

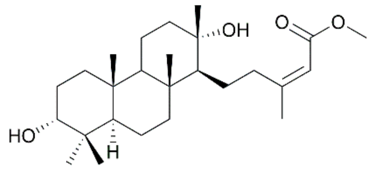
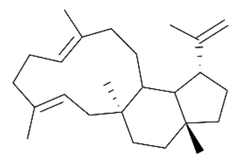
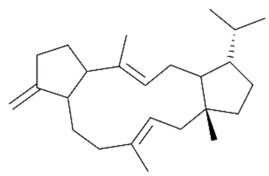
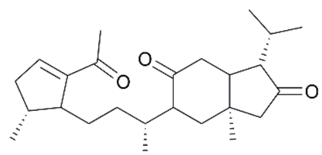
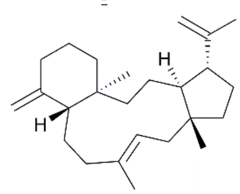
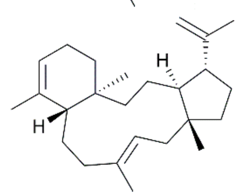
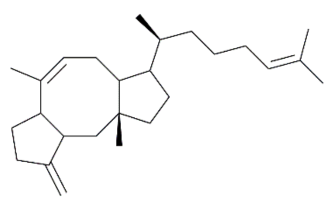
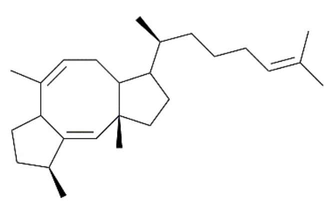
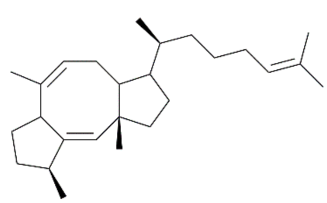
TrC-250	caminatal		*Suberites caminatus* [415]
TrC-251	cavernosolide		*Fasciospongia cavernosa* [416] *Semitaspongia bactriana* [69]
TrC-252	suvanine methylherbipoline		*Coscinoderma mathewsi* [414]
TrC-253	lintenolide F		*Cacospongia* cf. *linteiformis* [417]
TrC-254	lintenolide G		*Cacospongia* cf. *linteiformis* [417]
TrC-255	auroral 1		*Rhabdastrella globostellata* [418]
TrC-256	auroral 2		*Rhabdastrella globostellata* [418]

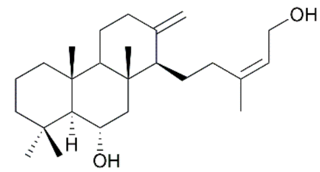
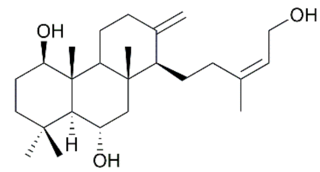
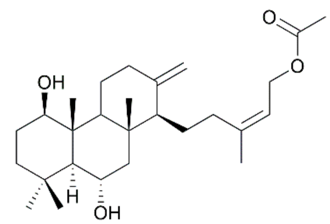
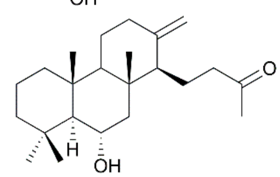
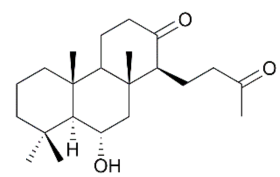
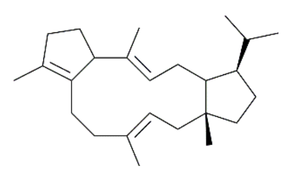
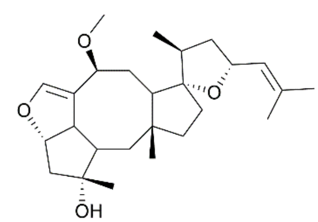
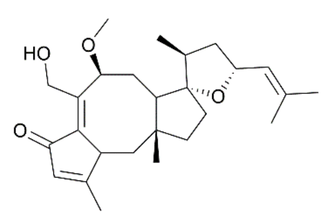
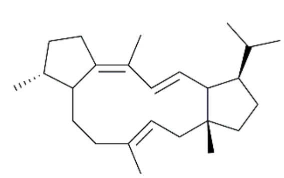
TrC-257	auroral 3		*Rhabdastrella globostellata* [418]
TrC-258	auroral 4		*Rhabdastrella globostellata* [418]
TrC-259	spongidine A		*Spongia* sp. [394]
TrC-260	spongidine B		*Spongia* sp. [394]
TrC-261	spongidine C		*Spongia* sp. [394]
TrC-262	spongidine D		*Spongia* sp. [394]
TrC-263	unnamed tricarbocyclic sesterterpene (reported as compound 10)		*Coscinoderma* sp. [362]
TrC-264	globostelletin C		*Rhabdastrella globostellata* [419]
TrC-265	globostelletin D		*Rhabdastrella globostellata* [419]

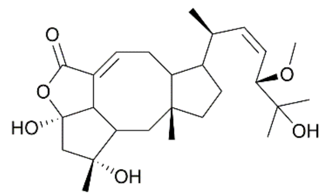
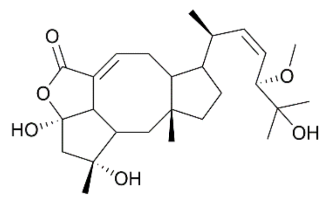
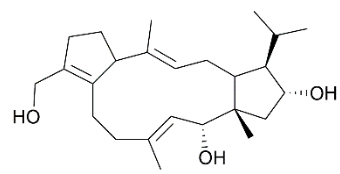
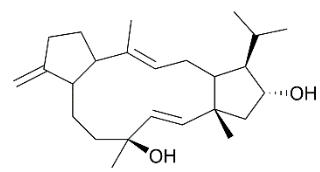
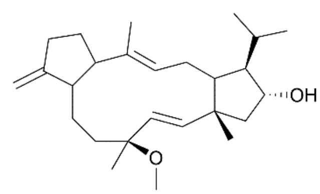
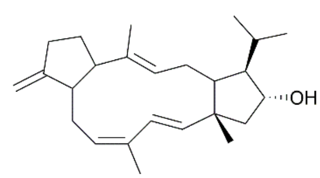
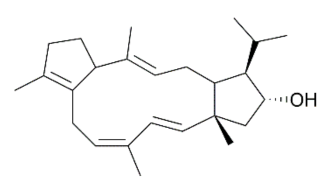
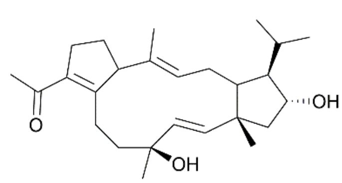
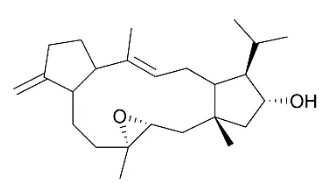
TrC-266	globostelletin E		*Rhabdastrella globostellata* [419]
TrC-267	globostelletin F		*Rhabdastrella globostellata* [419]
TrC-268	globostelletin G		*Rhabdastrella globostellata* [419]
TrC-269	unnamed tricarbocyclic sesterterpene (reported as compound 24)		*Coscinoderma mathewsi* [420]
TrC-270	unnamed tricarbocyclic sesterterpene (reported as compound 25)		*Coscinoderma mathewsi* [420]
TrC-271	unnamed tricarbocyclic sesterterpene (reported as compound 7)		*Coscinoderma* sp. [421]
TrC-272	unnamed tricarbocyclic sesterterpene (reported as compound 8)		*Coscinoderma* sp. [421]
TrC-273	flabelliferin A		*Carteriospongia flabellifera* [422]

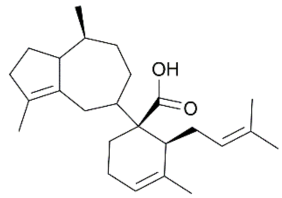
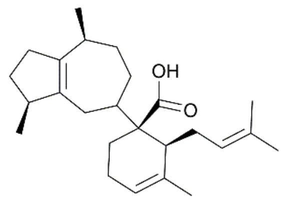
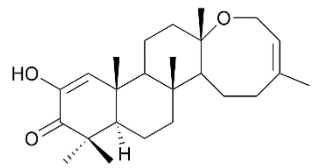
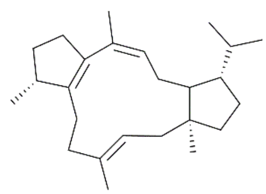
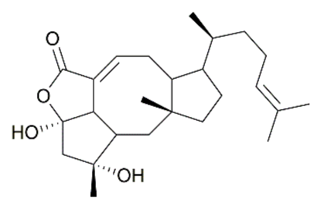
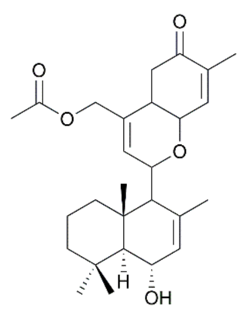
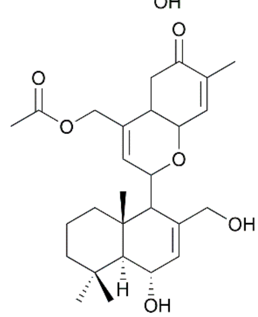
TrC-274	unnamed tricarbocyclic sesterterpene (reported as compound 1)		*Aletris farinosa* [423]
TrC-275	unnamed tricarbocyclic sesterterpene (reported as compound 4)		*Aletris farinosa* [423]
TrC-276	cristasesterterpenoic acid		*Caesalpinia crista* [424]
TrC-277	cristasesterterpinol glucoside		*Caesalpinia crista* [424]
TrC-278	involudispirone A		*Stahlianthus involucratus* [425]
TrC-279	involudispirone B		*Stahlianthus involucratus* [425]
TrC-280	luffolide		*Luffariella* sp. [426]
TrC-281	inorolide C		*Chromodoris inornata* [427]

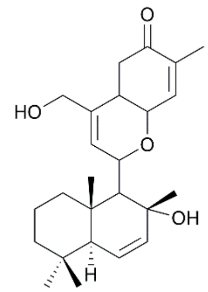
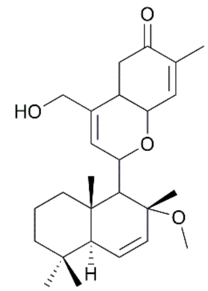
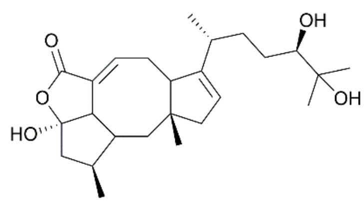
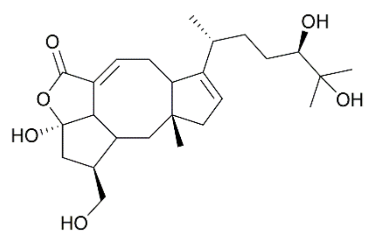
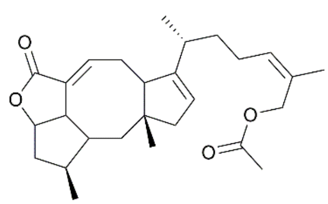
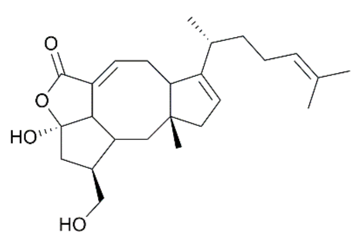
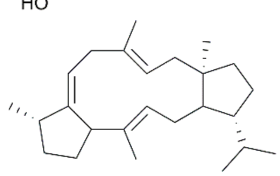
TrC-282	unnamed tricarbocyclic sesterterpene (reported as compound 4)		*Fasciospongia cavernosa* [409]
TrC-283	25-deoxycacospongionolide		*Fasciospongia cavernosa* [409]
TrC-284	unnamed tricarbocyclic sesterterpene (reported as compound 3)		*Fasciospongia cavernosa* [409]
TrC-285	unnamed tricarbocyclic sesterterpene (reported as compound 4)		*Fasciospongia cavernosa* [409]
TrC-286	gentianelloid A		*Gentianella turkestanorum* [428]
TrC-287	gentianelloid B		*Gentianella turkestanorum* [428]
TrC-288	2'-isopicrasin A		*Picrasma quassioides* [429]
TrC-289	picrasin A		*Picrasma quassioides* [430]
TrC-290	unnamed tricarbocyclic sesterterpene (reported as compound 2)		*Aletris farinosa* [431]

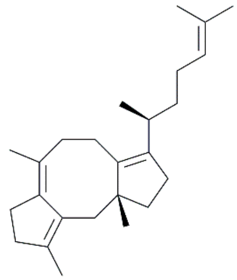
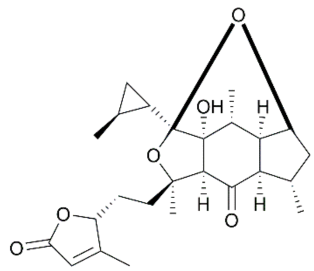
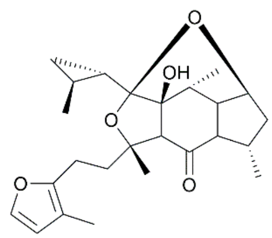
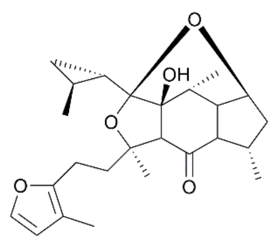
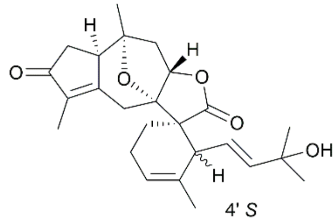
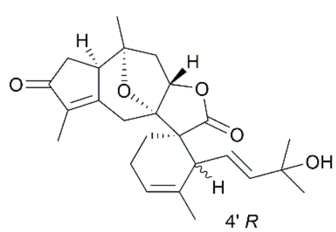
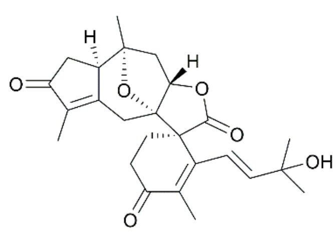
TrC-291	unnamed tricarbocyclic sesterterpene (reported as compound 3)		*Aletris farinosa* [431]
TrC-292	(2*E*)-flocerene		*Arabidopsis thaliana/Escherichia coli* [432]
Trc-293	sesterbrasiliatriene		*Penicillium brasilianum* [433]
TrC-294	18-*epi*-alborosin		*Gentianella turkestanorum* [434]
TrC-295	(-)-caprutriene B		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
TrC-296	(+)-caprutriene C		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
TrC-297	3,20-anhydroophiobolin F (ophiobolane 2)		*Aspergillus clavatus* [264, 435]
TrC-298	ophiobola-1,7,18-triene (ophiobolane 1)		*Aspergillus clavatus* [264, 435]
TrC-299	stellata-2,6,19-triene		*Aspergillus stellatus* [359]

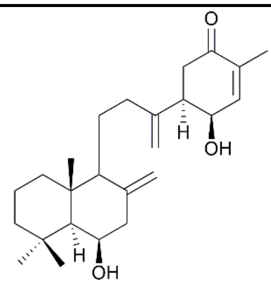
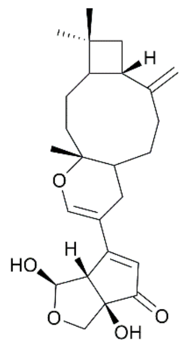
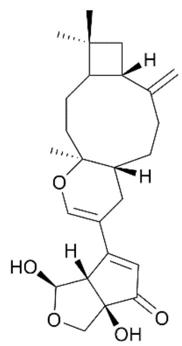
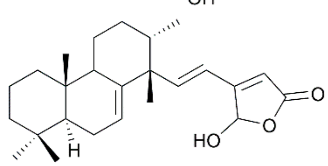
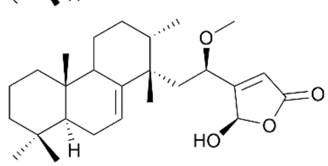
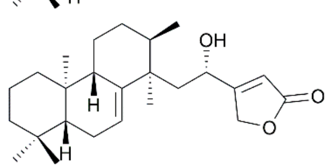
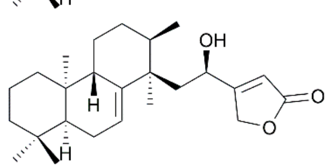
TrC-300	(17*Z*)-cheilantha-13(24),17-diene-6α,19-diol		*Aleuritopteris agetae* [436]
TrC-301	(17*Z*)-cheilantha-13(24),17-diene-1β,6α,19-triol		*Aleuritopteris agetae* [436]
TrC-302	(17*Z*)-19-acetoxycheilantha-13(24),17-diene-1β,6α-diol		*Aleuritopteris agetae* [436]
TrC-303	17-oxo-18,19-bisnorcheilanth-13(24)-en-6α-ol		*Aleuritopteris agetae* [436]
TrC-304	13,17-dioxo-18,19,24-trisnorcheilanth-6α-ol		*Aleuritopteris agetae* [436]
TrC-305	(-)-variculartriene A		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
TrC-306	maydispenoid A		*Bipolaris maydis* [437]
TrC-307	maydispenoid B		*Bipolaris maydis* [437]
TrC-308	Bm1		*Bipolaris maydis* [267] *Aspergillus oryzae* [267]

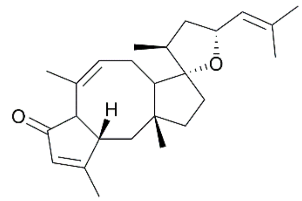
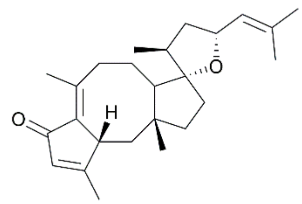
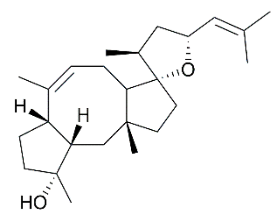
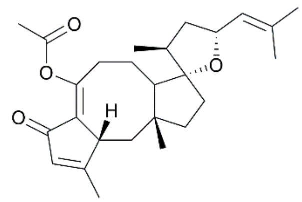
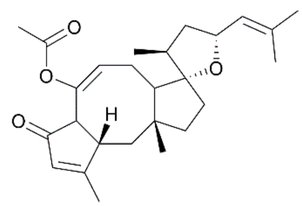
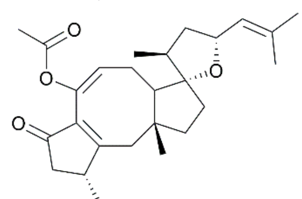
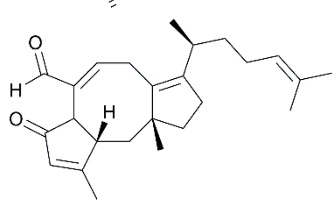
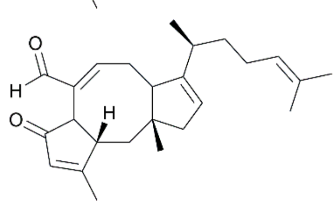
TrC-309	18,19-dihydro-19-hydroxy-18-methoxyophiobolin P		*Aspergillus* sp. RR-YLW-12/*Rhodomela confervoides* [387]
TrC-310	18,19-dihydro-19-hydroxy-18-*epi*-methoxyophiobolin P		*Aspergillus* sp. RR-YLW-12/*Rhodomela confervoides* [387]
TrC-311	spectanoid A		*Aspergillus spectabilis* [438]
TrC-312	spectanoid B		*Aspergillus spectabilis* [438]
TrC-313	spectanoid C		*Aspergillus spectabilis* [438]
TrC-314	spectanoid D		*Aspergillus spectabilis* [438]
TrC-315	spectanoid E		*Aspergillus spectabilis* [438]
TrC-316	spectanoid F		*Aspergillus spectabilis* [438]
TrC-317	spectanoid G		*Aspergillus spectabilis* [438]

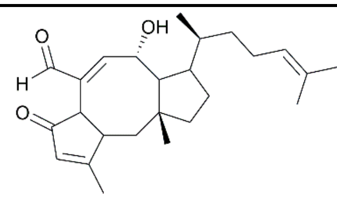
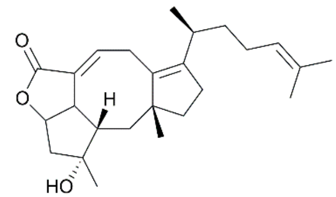
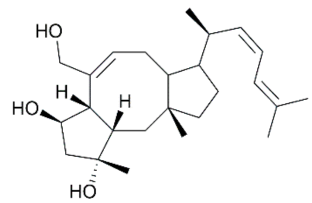
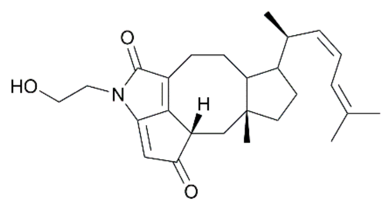
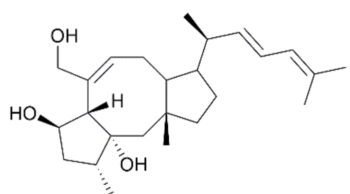
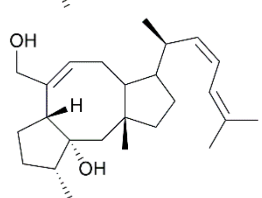
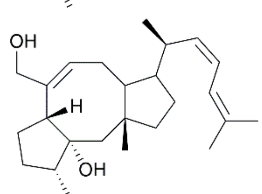
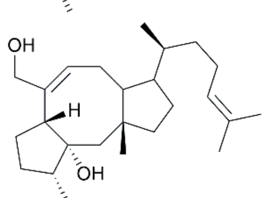
TrC-318	linderasesterterpenoid A		*Lindera glauca* [439]
TrC-319	linderasesterterpenoid B		*Lindera glauca* [439]
TrC-320	ancepsone A		*Aleuritopteris anceps* [440]
TrC-321	schultriene		*Aspergillus oryzae* [441]
TrC-322	ophiobolin P1		*Aspergillus calidoustus* [442]
TrC-323	ansellone H		*Phorbas* sp. [443]
TrC-324	ansellone I		*Phorbas* sp. [443]

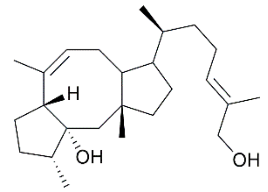
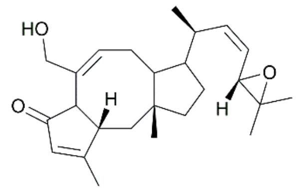
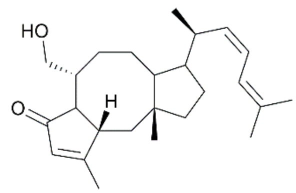
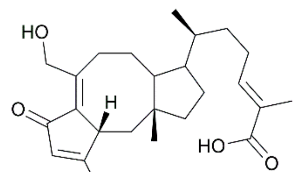
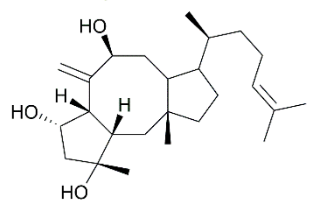
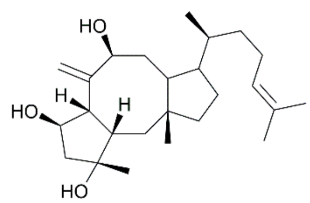
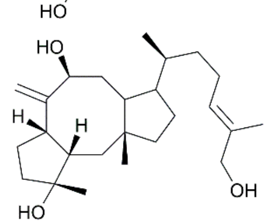
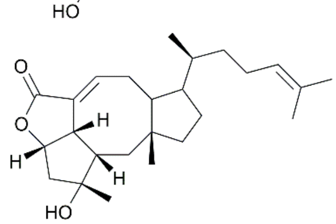
TrC-325	ansellone J		*Phorbas* sp. [443]
TrC-326	ansellone K		*Phorbas* sp. [443]
TrC-327	cyophiobiolin A		*Cytospora rhizophorae* A761/*Gynochthodes officinalis* [444]
TrC-328	cyophiobiolin B		*Cytospora rhizophorae* A761/*Gynochthodes officinalis* [444]
TrC-329	cyophiobiolin C		*Cytospora rhizophorae* A761/*Gynochthodes officinalis* [444]
TrC-330	cyophiobiolin D		*Cytospora rhizophorae* A761/*Gynochthodes officinalis* [444]
TrC-331	sesterviolene B		*Streptomyces violens* [273]

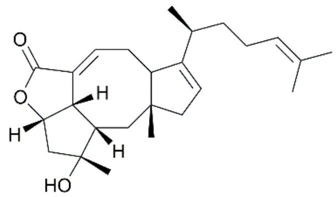
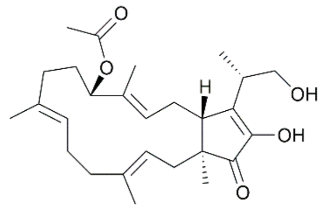
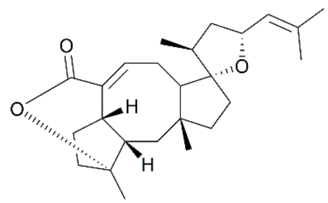
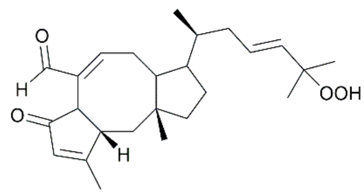
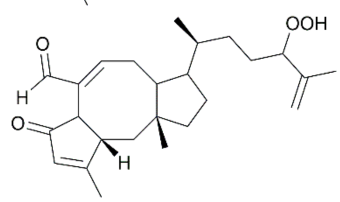
TrC-332	nigtetraene		*Saccharomyces cerevisiae* [441]
TrC-333	colquhounoid A		*Colquhounia coccinea* var. *mollis* [251]
TrC-334	colquhounoid D		*Colquhounia coccinea* var. *mollis* [445]
TrC-335	14-*epi*-colquhounoid D		*Colquhounia coccinea* var. *mollis* [445]
TrC-336	orientanoid A		*Hedyosmum orientale* [446]
TrC-337	orientanoid B		*Hedyosmum orientale* [446]
TrC-338	orientanoid C		*Hedyosmum orientale* [446]

TrC-339	secosuberitenone A		*Suberites* sp. [447]
TrC-340	patriniaterpene A		*Patrinia scabra* [276]
TrC-341	patriniaterpene B		*Patrinia scabra* [276]
TrC-342	sarcotragusolide A		*Sarcotragus* sp. [278]
TrC-343	sarcotragusolide B		*Sarcotragus* sp. [278]
TrC-344	sarcotragusolide C		*Sarcotragus* sp. [278]
TrC-345	sarcotragusolide D		*Sarcotragus* sp. [278]

TrC-346	bipolaricin J		*Bipolaris eleusines* [448]
TrC-347	bipolaricin K		*Bipolaris eleusines* [448]
TrC-348	bipolaricin L		*Bipolaris eleusines* [448]
TrC-349	bipolaricin M		*Bipolaris eleusines* [448]
TrC-350	bipolaricin N		*Bipolaris eleusines* [448]
TrC-351	bipolaricin O		*Bipolaris eleusines* [448]
TrC-352	bipolaricin P		*Bipolaris eleusines* [448]
TrC-353	bipolaricin Q		*Bipolaris eleusines* [448]

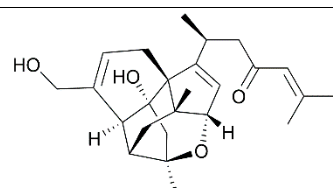
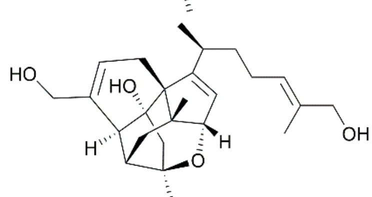
TrC-354	bipolaricin R		*Bipolaris eleusines* [448]
TrC-355	bipolaricin S		*Bipolaris eleusines* [448]
TrC-356	21-deoxo-21-hydroxyophiobolin U		*Aspergillus* sp. RR-YLW-12 [449]
TrC-357	undobolin A		*Aspergillus undulatus* [450]
TrC-358	undobolin B		*Aspergillus undulatus* [450]
TrC-359	undobolin C		*Aspergillus undulatus* [450]
TrC-360	undobolin D		*Aspergillus undulatus* [450]
TrC-361	undobolin E		*Aspergillus undulatus* [450]

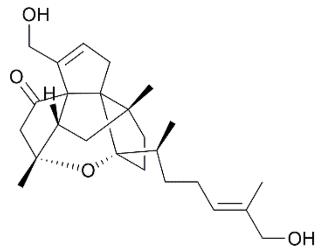
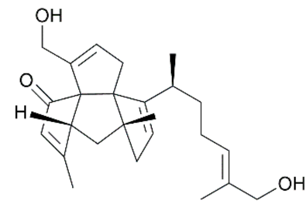
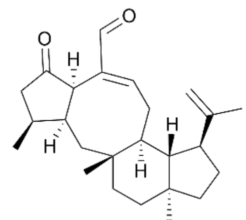
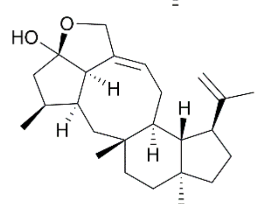
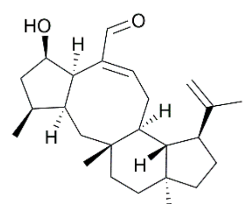
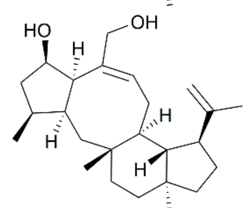
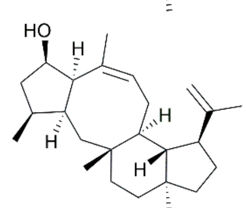
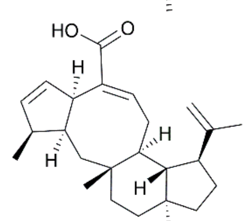
TrC-362	undobolin F		*Aspergillus undulatus* [450]
TrC-363	undobolin G		*Aspergillus undulatus* [450]
TrC-364	undobolin H		*Aspergillus undulatus* [450]
TrC-365	undobolin I		*Aspergillus undulatus* [450]
TrC-366	undobolin J		*Aspergillus undulatus* [450]
TrC-367	undobolin K		*Aspergillus undulatus* [450]
TrC-368	undobolin L		*Aspergillus undulatus* [450]
TrC-369	bipoladien C		*Bipolaris maydis* [451]

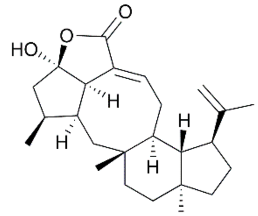
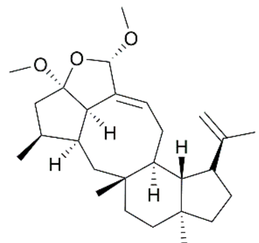
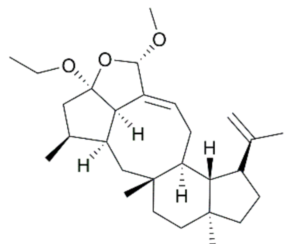
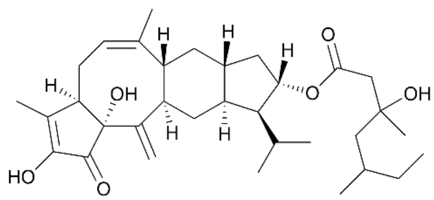
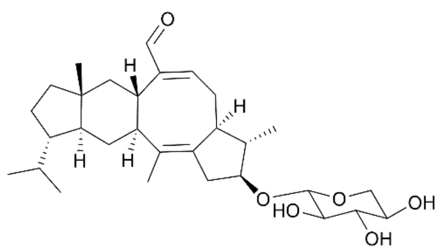
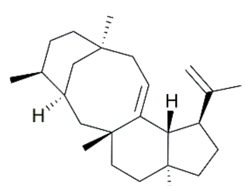
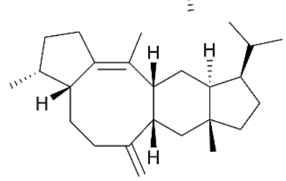
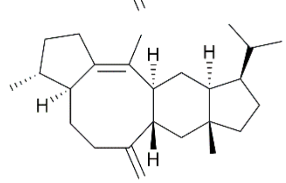
TrC-370	bipoladien D		*Bipolaris maydis* [451]
TrC-371	bipoladien E		*Bipolaris maydis* [451]
TrC-372	unnamed ophiobolin analog		*Bipolaris eleusines* [452]
TrC-373	unnamed ophiobolin analog		*Bipolaris eleusines* [452]
TrC-374	unnamed ophiobolin analog		*Bipolaris eleusines* [452]

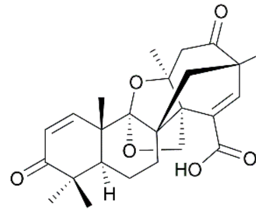
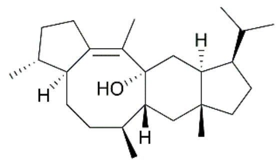
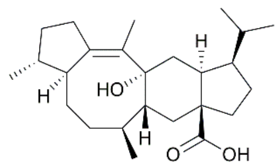
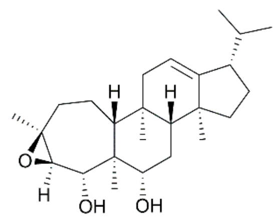
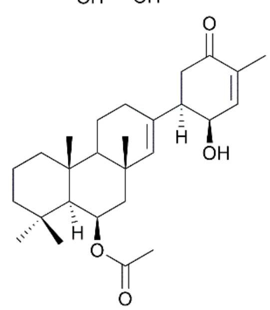
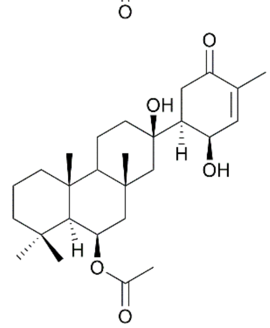
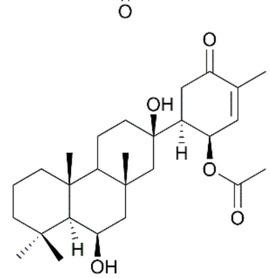
*The same name was used for two different compounds

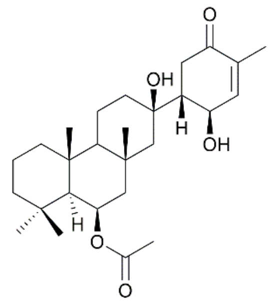
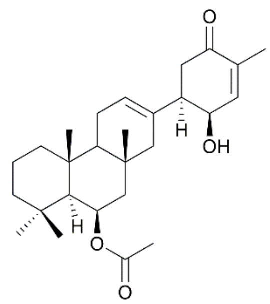
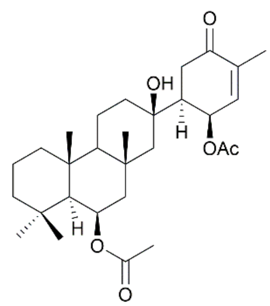
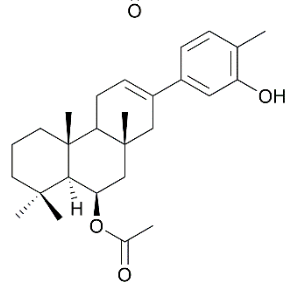
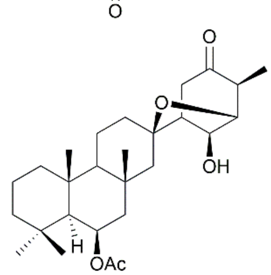
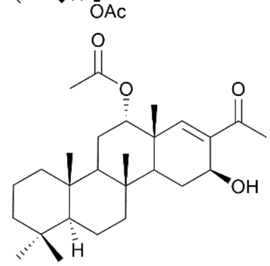
Section 1.8. Structures of tetracarbocyclic (TeC) sesterterpenoids (with and without hetherocycles) and their dimers

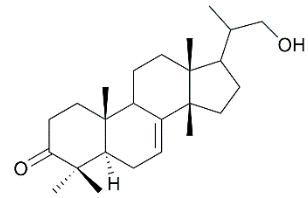
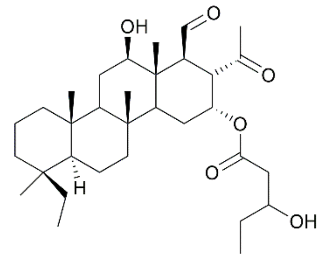
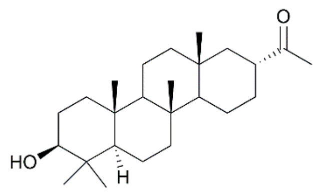
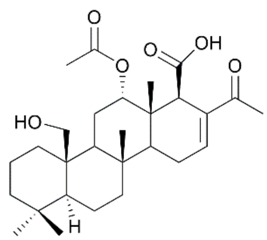
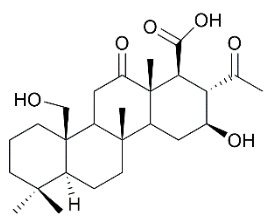
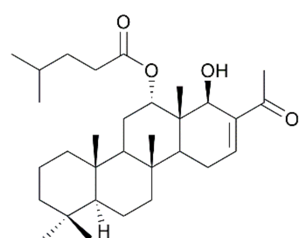
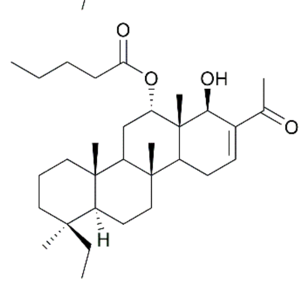
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference (reference)
TeC-1	bipolarolide A		*Bipolaris* sp. TJ403-B1 [173]
TeC-2	bipolarolide B		*Bipolaris* sp. TJ403-B1 [173]

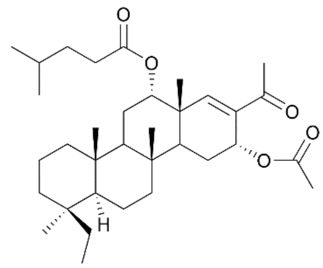
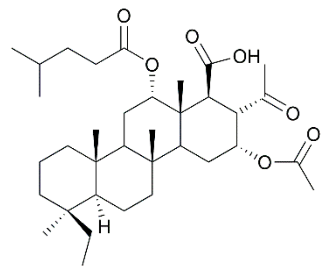
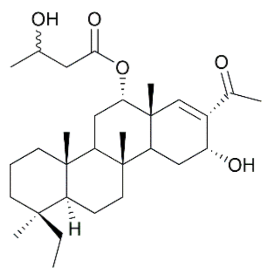
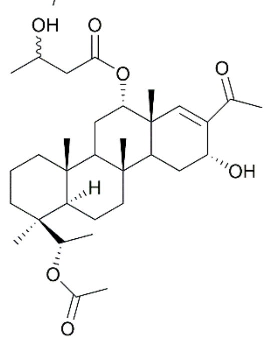
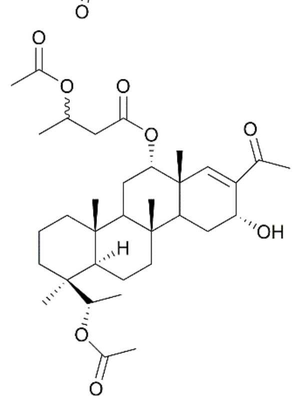
TeC-3	bipolarolide C		*Bipolaris* sp. TJ403-B1 [173]
TeC-4	bipolarolide D		*Bipolaris* sp. TJ403-B1 [173]
TeC-5	variecolin		*Aspergillus variecolor* [453] *Emericella aurantiobrunnea* [454, 455] *Emericella purpurea* [456] *Phoma* sp. [457]
TeC-6	variecolol		*Emericella aurantiobrunnea* [454] *Emericella purpurea* [458]
TeC-7	emericolin A		*Emericella aurantiobrunnea* [454]
TeC-8	emericolin B		*Emericella aurantiobrunnea* [454]
TeC-9	emericolin C		*Emericella aurantiobrunnea* [454]
TeC-10	emericolin D		*Emericella aurantiobrunnea* [454]

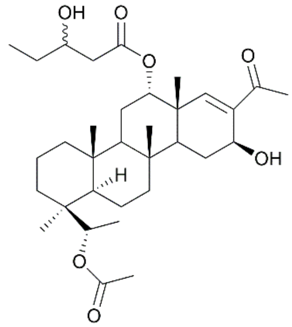
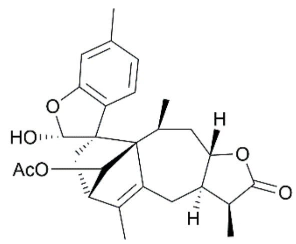
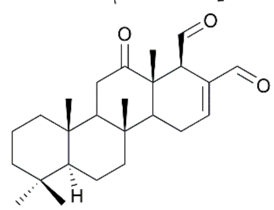
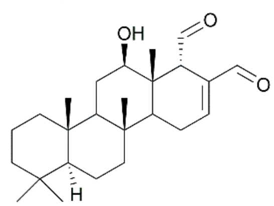
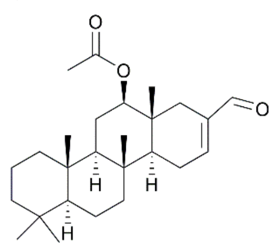
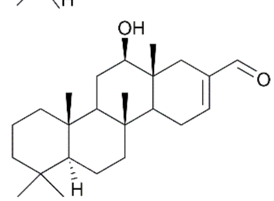
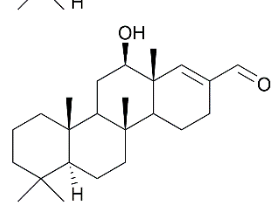
TeC-11	variecolactone		*Emericella aurantiobrunnea* [455, 459] *Emericella purpurea* [458]
TeC-12	variecoacetal A		*Emericella aurantiobrunnea* [455]
TeC-13	variecoacetal B		*Emericella aurantiobrunnea* [455]
TeC-14	YW3699		*Codinaea simplex* [460]
TeC-15	aleurodiscal		*Aleurodiscus mirabilis* [461]
TeC-16	astellifadiene		*Emericella variecolor/Aspergillus oryzae* [462]
TeC-17	(−)-aleurodiscalene A		*Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
TeC-18	(+)-aleurodiscalene B		*Nicotiana benthamiana/Agrobacterium tumefaciens* [266]

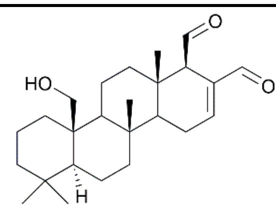
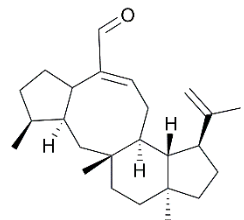
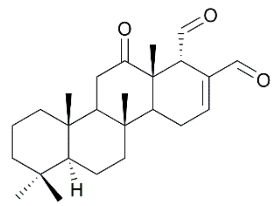
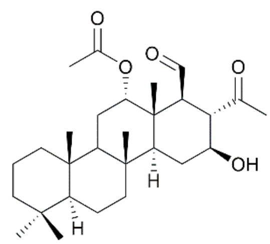
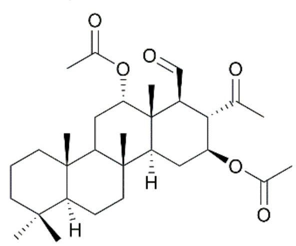
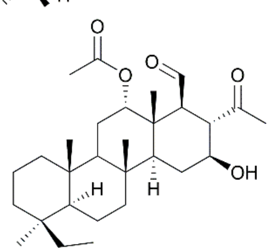
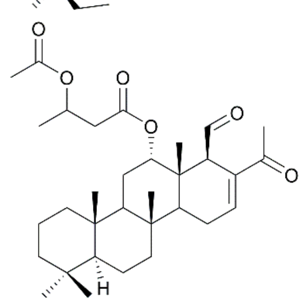
TeC-19	emericellic acid		*Emericella variecolor* [463]
TeC-20	sesterfisherol		*Aspergillus oryzae/Neosartorya fischeri* [464]
TeC-21	sesterfisheric acid		*Aspergillus oryzae/Neosartorya fischeri* [464]
TeC-22	aspergilloxide		*Aspergillus* spp. [465] *Aspergillus unguis* [466]
TeC-23	Suberitenone A		*Phorbas areolatus* [467] *Suberites* sp. [468]
TeC-24	suberitenone B		*Phorbas areolatus* [467] *Suberites* sp. [468]
TeC-25	isosuberitenone B		*Phorbas areolatus* [467]

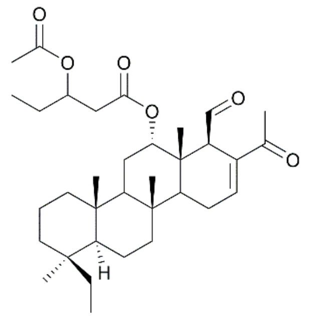
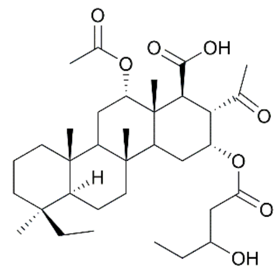
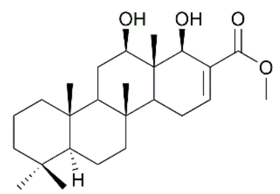
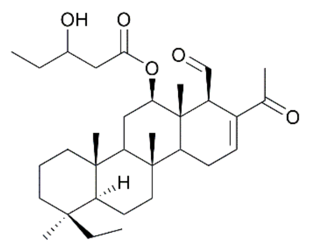
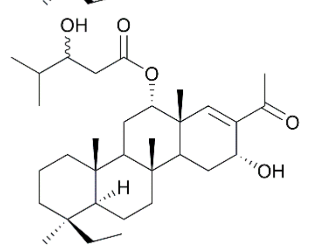
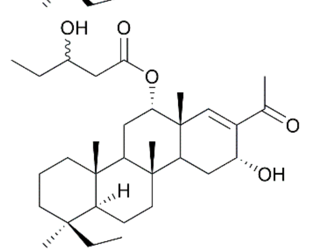
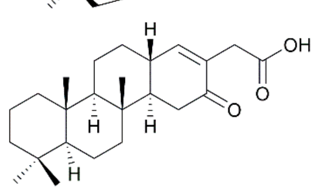
TeC-26	19-*epi*-suberitenone		*Phorbas areolatus* [467] *Suberites caminatus* [469]
TeC-27	suberitenone C		*Suberites* sp. [470]
TeC-28	suberitenone D		*Suberites* sp. [470]
TeC-29	suberiphenol		*Suberites* sp. [470]
TeC-30	oxaspirosuberitenone		*Phorbas areolatus* [467] *Suberites caminatus* [469]
TeC-31	flabelliferin B		*Cateriospongia flabellifera* [422]

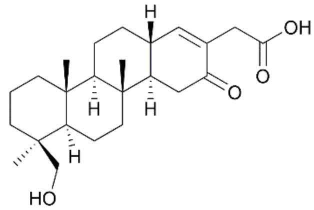
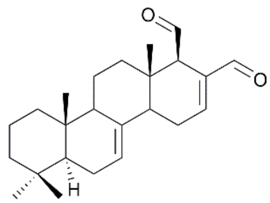
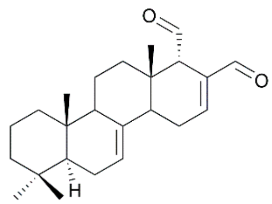
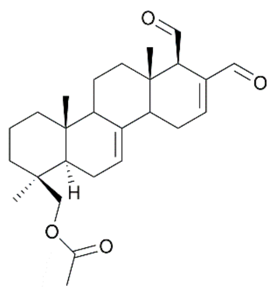
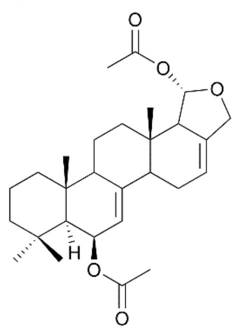
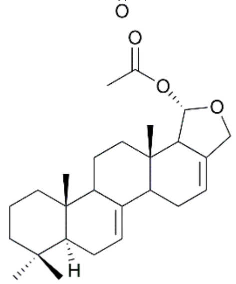
TeC-32	phellogine		*Phellodendron chinense* var. *glabriusculum* [471]
TeC-33	foliaspongin		*Carteriospongia foliascens* [472] reported as *Phyllospongia foliascens* [473]
TeC-34	perisomalien A		*Periploca somaliensis* [474]
TeC-35	lendenfeldarane A		*Lendenfeldia* sp. [475]
TeC-36	lendenfeldarane B		*Lendenfeldia* sp. [475]
TeC-37	carteriofenone A		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
TeC-38	carteriofenone B		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]

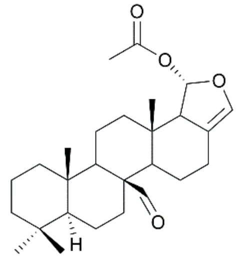
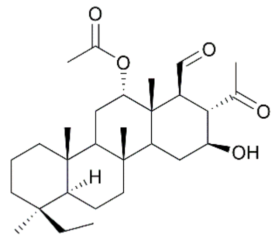
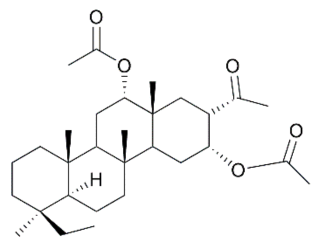
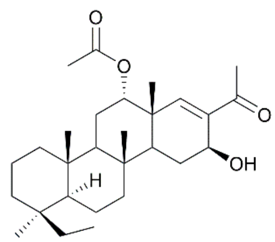
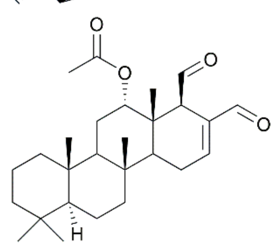
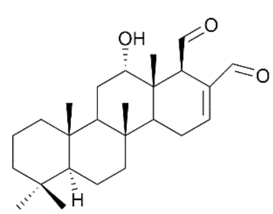
TeC-39	carteriofenone C		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
TeC-40	carteriofenone D		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
TeC-41	unnamed tetracarbocyclic sesterterpene (reported as compound 3)		*Dysidea granulosa* [370]
TeC-42	unnamed tetracarbocyclic sesterterpene (reported as compound 5)		*Dysidea granulosa* [370]
TeC-43	unnamed tetracarbocyclic sesterterpene (reported as compound 6)		*Dysidea granulosa* [370]

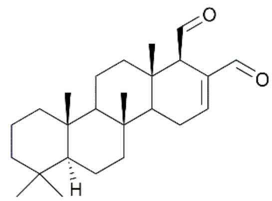
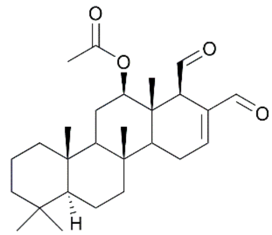
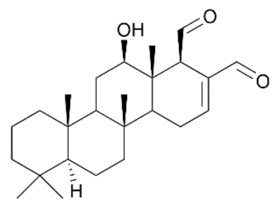
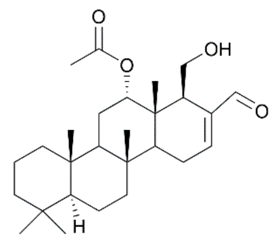
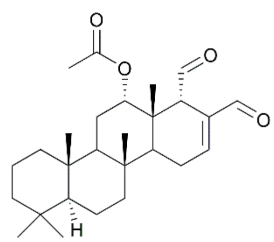
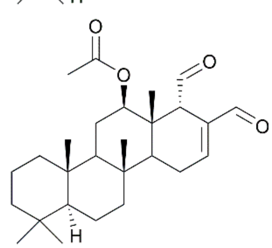
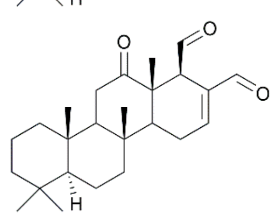
TeC-44	unnamed tetracarbocyclic sesterterpene (reported as compound 7)		*Dysidea granulosa* [370]
TeC-45	dibritannilactone A		*Inula britannica* [477]
TeC-46	12-deacetyl-12-oxoscalaradial		*Glossodoris rufomarginata* [478] *Glossodoris pallida* [479]
TeC-47	12-deacetyl-12,18-di-*epi*-scalaradial		*Spongia idia* [26] *Hyrtios erectus* [480]
TeC-48	hyrtial		*Hyrtios erecta* [sic!] [481]
TeC-49	12-deacetylhyrtial		*Collospongia auris* [482] *Hyrtios erectus* [483]
TeC-50	12-deacetyl-Δ^{17}-hyrtial		*Hyrtios erectus* [483]

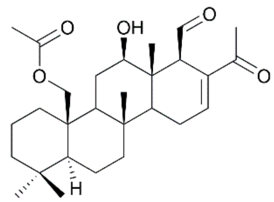
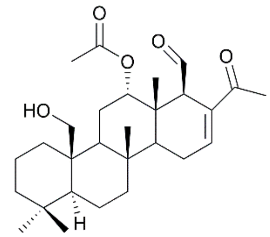
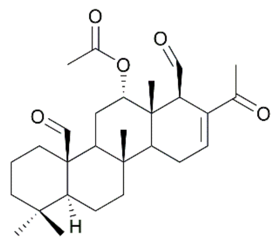
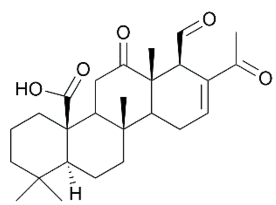
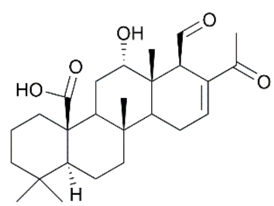
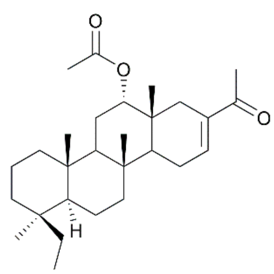
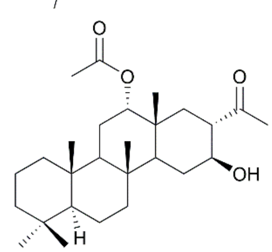
TeC-51	12-deacetoxy-23-hydroxyscalaradial		*Psammocinia* sp. [484]
TeC-52	5-deoxovariecolin		*Aspergillus aegyptiacus* [sic!] [485]
TeC-53	12-deacetyl-18-*epi*-12-oxoscalaradial		*Glossodoris rufomarginata* (= *Chromodoris youngbleuthi*) [486]
TeC-54	unnamed tetracarbocyclic sesterterpene (reported as compound 1)		*Phyllospongia* sp. [487]
TeC-55	unnamed tetracarbocyclic sesterterpene (reported as compound 1a)		*Phyllospongia* sp. [487]
TeC-56	unnamed tetracarbocyclic sesterterpene (reported as compound 2)		*Phyllospongia* sp. [487]
TeC-57	12α-(3'-acetobutanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al		*Strepsichordaia lendenfeldi* [488]

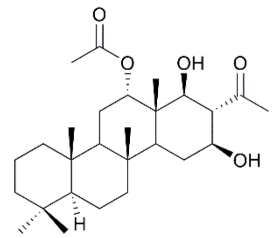
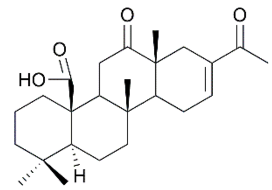
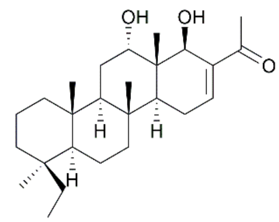
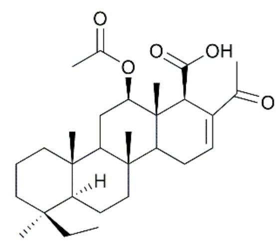
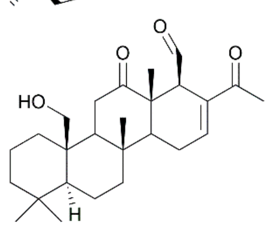
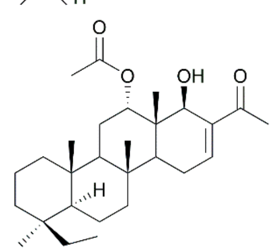
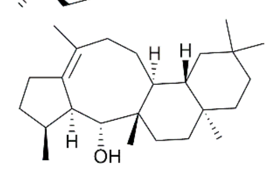
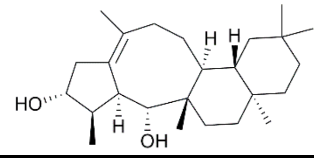
TeC-58	12α -(3'-acetoxypentanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al		*Strepsichordaia lendenfeldi* [488]
TeC-59	12α-acetoxy-16α-(3'-hydroxypentanoyloxy)-20,24-dimethyl-24-oxoscalaran-25β-oic acid		*Phyllospongia papyracea* [489]
TeC-60	methyl 18-hydroxy-19-norscalar-16-en-20-carboxylate		*Collospongia auris* [482] *Spongia* sp. [490]
TeC-61	12β-(3’β-hydroxypentanoyloxy)-20,24-dimethyl-24-oxo-scalara-16-en-25-al		*Carteriospongia* sp. [491]
TeC-62	unnamed tetracarbocyclic sesterterpene (reported as compound 1)		*Carteriospongia foliascens* [492]
TeC-63	unnamed tetracarbocyclic sesterterpene (reported as compound 2)		*Carteriospongia foliascens* [492]
TeC-64	petrosaspongiolide K		*Petrosaspongia nigra* [405]

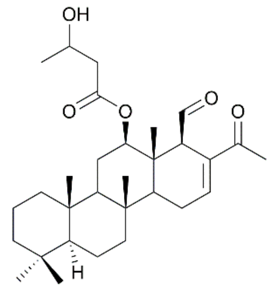
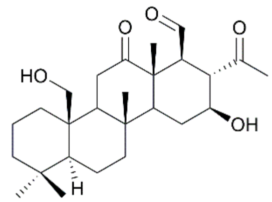
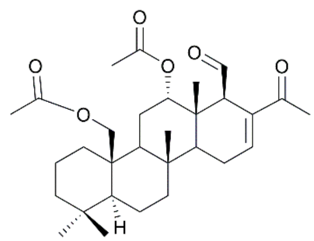
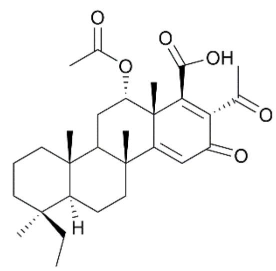
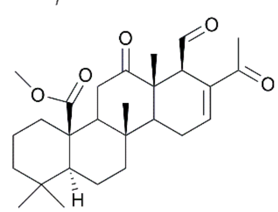
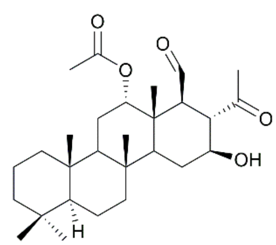
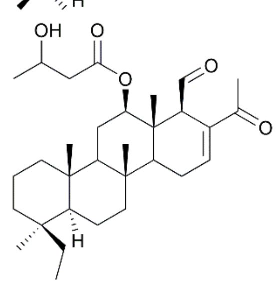
TeC-65	21-hydroxy-petrosaspongiolide K		*Spongia* sp. [394]
TeC-66	mooloolabene A		*Hyattella intestinalis* [493]
TeC-67	mooloolabene B		*Hyattella intestinalis* [493]
TeC-68	mooloolabene C		*Hyattella intestinalis* [493]
TeC-69	mooloolabene D		*Hyattella intestinalis* [493] *Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-70	mooloolabene E		*Hyattella intestinalis* [493]

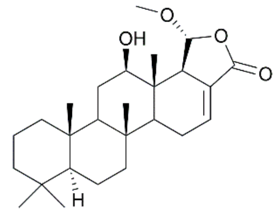
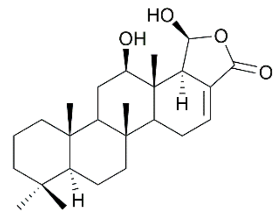
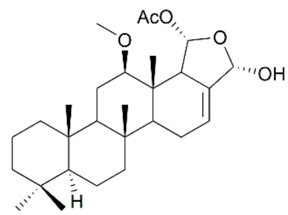
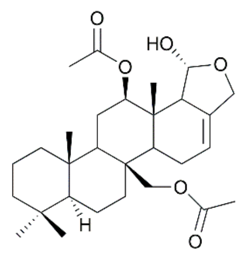
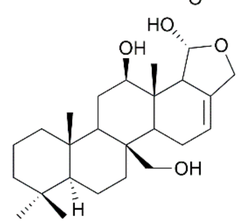
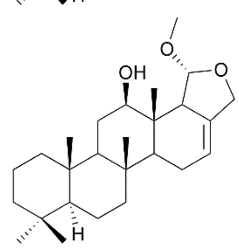
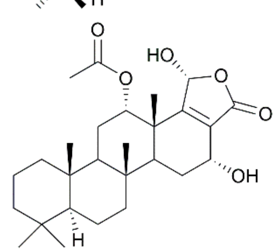
TeC-71	mooloolaldehyde		*Hyattella intestinalis* [493] *Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-72	12α-acetoxy-16β-hydroxy-20,24-dimethyl-24-oxo-25-norscalarane		*Carteriospongia foliascens* [495]
TeC-73	12α,16α-diacetoxy-20,24-dimethyl-25-norsclaran-24-one		*Carteriospongia foliascens* [496]
TeC-74	(12α,16β)-12-acetoxy-16-hydroxy-20,24-dimethyl-25-norscalar-17-en-24-one		*Phyllospongia papyracea* [497]
TeC-75	scalaradial		*Cacospongia mollior* [498, 499] *Cacospongia scalaris* [500, 501] *Dysidea herbacea* [502] *Dysidea* sp. [503] *Glossodoris rufomarginata* [478] *Glossodoris tricolor* [504] *Hyrtios erecta* [sic!] [505] *Chromodoris youngbleuthi* and *Spongia oceanica* [486] *Spongia officinalis* [35] *Glossodoris pallida* [479, 506] *Glossodoris cincta* [506] *Glossodoris hikuerensis* [507] *Glossodoris vespa* [507]
TeC-76	desacetylscalaradial (deacetylsclaradial)		*Cacospongia scalaris* [500] *Dysidea* sp. [503] *Glossodoris pallida* and *Cacospongia* sp. [479]

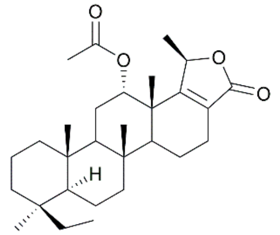
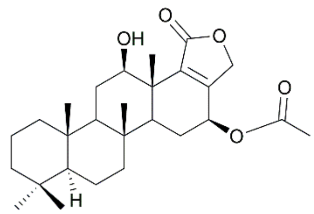
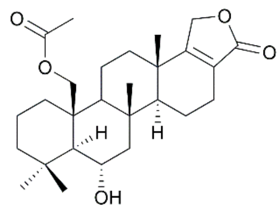
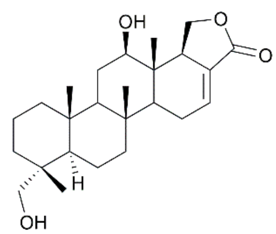
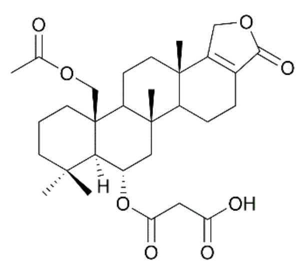
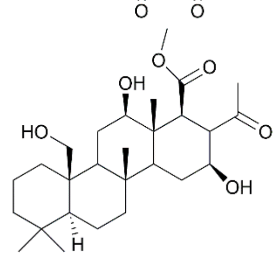
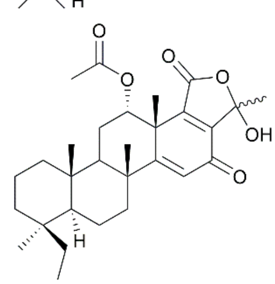
TeC-77	12-deacetoxyscalaradial (scalarenedial)		*Cacospongia mollior* [508] *Cacospongia scalaris* [501] *Dysidea* sp. [503] *Psammocinia* sp. [484]
TeC-78	12-*epi*-scalaradial		*Spongia nitens* [509] *Hyrtios erecta* [sic!] [505] *Collospongia auris* [482] *Glossodoris cincta* [506]
TeC-79	12-deacetyl-12-*epi*-scalaradial		*Chromodoris youngbleuthi* (*Glossodoris rufomarginata*) [486] *Collospongia auris* [482] *Hyrtios erecta* [sic!] [505] *Spongia oceanica* [486]
TeC-80	19-dihydroscalaradial		*Cacospongia scalaris* [501]
TeC-81	18-*epi*-scalaradial		*Cacospongia scalaris* [501]
TeC-82	12,18-di-*epi*-scalaradial		*Collospongia auris* [482] *Spongia nitens* [509] *Hyrtios erecta* [sic!] [505]
TeC-83	12-deacetoxy-12-oxo-scalaradial		*Glossodoris rufomarginata* [478] *Glossodoris pallida* [479] *Glossodoris averni* [479] *Glossodoris vespa* [479] *Glossodoris hikuerensis* [507]

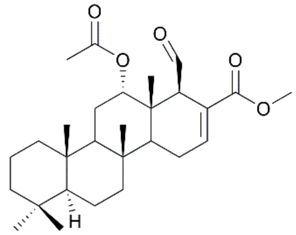
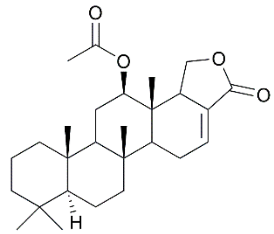
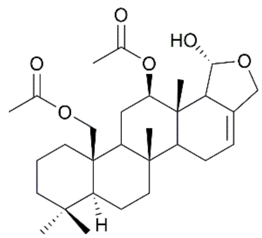
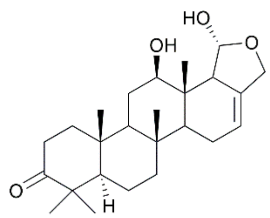
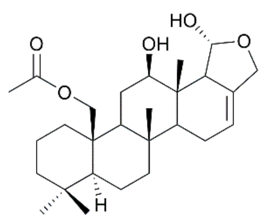
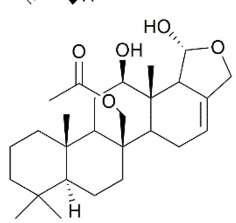
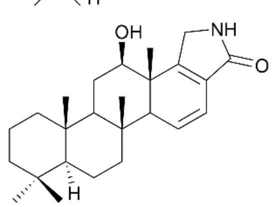
TeC-84	12-deacetyl-23-acetoxy-20-methyl-12-*epi*-scalaradial		*Glossodoris sedna* [510]
TeC-85	12α-acetoxy-22-hydroxy-24-methyl-24-oxoscalar-16-en-25-al or PHC-4		Dictyoceratida sp. and *Halichondria* sp. [511] *Carteriospongia* sp. [512] *Lendenfeldia* sp. [475] *Phyllospongia chondrodes* [513]
TeC-86	12α-acetoxy-24-methyl-24-oxoscalar-16-en-22,25-dial or PHC-2		Dictyoceratida sp. and *Halichondria* sp. [511] *Lendenfeldia chondrodes* [514] *Phyllospongia chondrodes* [513]
TeC-87	24-methyl-12,24,25-trioxoscalar-16-en-22-oic acid or PHC-1		Dictyoceratida sp. and *Halichondria* sp. [511] *Lendenfeldia chondrodes* [514] *Lendenfeldia* sp. [84, 475, 515] *Lendenfeldia* sp. [516] *Phyllospongia chondrodes* [513]
TeC-88	12α-hydroxy-24-methyl-24,25-dioxoscalar-16-en-22-oic acid		Dictyoceratida sp. and *Halichondria* sp. [511]
TeC-89	12α-acetoxy-20,24-dimethyl-25-norscalar-16-en-24-one		*Carteriospongia foliascens* [496] *Phyllospongia lamellosa* [517]
TeC-90	unnamed tetracarbocyclic sesterterpene (reported as compound 6)		*Phyllospongia* sp. [487]

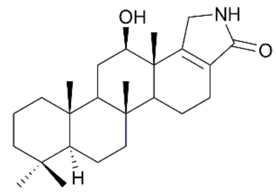
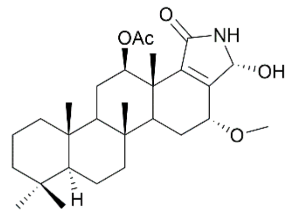
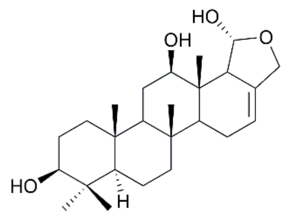
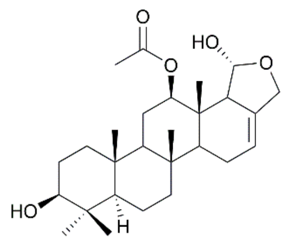
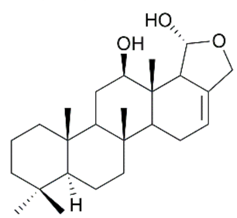
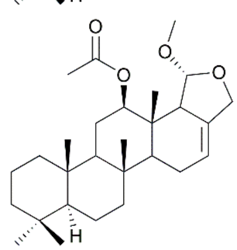
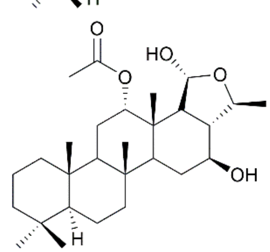
TeC-91	unnamed tetracarbocyclic sesterterpene (reported as compound 7)		*Phyllospongia* sp. [487]
TeC-92	25-nor-24-methyl-12,24-dioxoscalar-16-en-22-oic acid		Dictyoceratida sp. and *Halichondria* sp. [511]
TeC-93	phyllophenone E		*Phyllospongia foliascens* [518]
TeC-94	12α-acetoxy-20,24-dimethyl-24-oxoscalar-16-en-25β-oic acid		*Phyllospongia papyracea* [489]
TeC-95	22-hydroxy-24-methyl-12,24-dioxoscalar-16-en-25-al or PCH-3		*Lendenfeldia* sp. [519] *Phyllospongia chondrodes* [513]
TeC-96	25-nor-12α-acetoxy-20,24-dimethyl-24-oxoscalar-16-en-18β-ol		*Phyllospongia papyracea* [489]
TeC-97	asperterpenol A		*Aspergillus* sp. 085242 [520]
TeC-98	asperterpenol B		*Aspergillus* sp. 085242 [520]

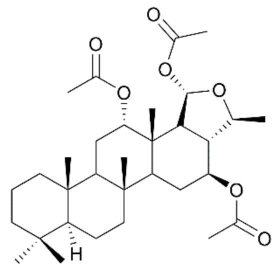
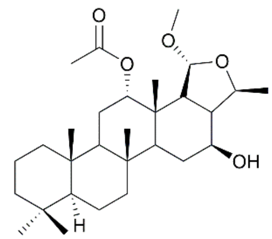
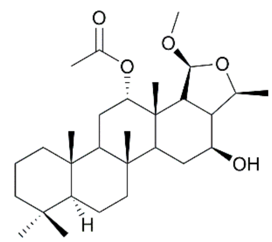
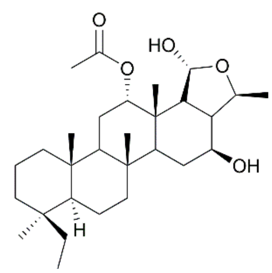
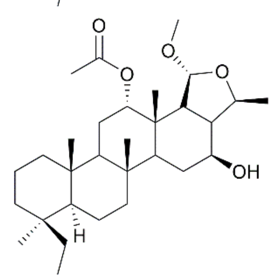
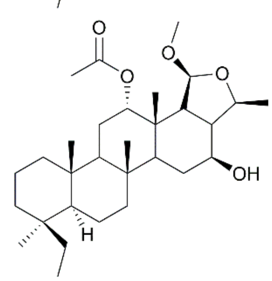
TeC-99	24-methyl-24,25-dioxoscalar-16-en-12β-yl-3-hydroxybutanoate		*Phyllospongia dendyi* [521]
TeC-100	felixin F		*Ircinia felix* [522] *Lendenfeldia* sp. [475]
TeC-101	felixin G		*Ircinia felix* [522]
TeC-102	12α-acetoxy-20,24-dimethyl-16,24-dioxoscalar-14,17-dien-25-oic acid		*Carteriospongia foliascens* [495]
TeC-103	24-methyl-12,24,25-trioxoscalar-16-en-22-oate		*Lendenfeldia* sp. [519]
TeC-104	12α-acetoxy-16β-hydroxy-24-methyl-24-oxoscalarane-25-al		*Lendenfeldia* sp. [84]
TeC-105	12β-(3'β-hydroxybutanoyloxy)-20,24-dimethyl-24-oxo-scalara-16-en-25-al		*Carteriospongia* sp. [491]

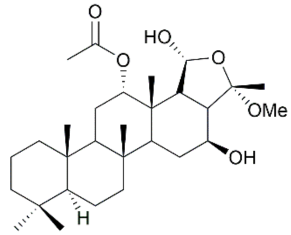
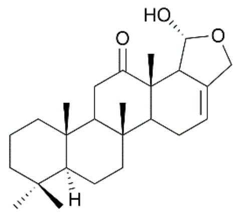
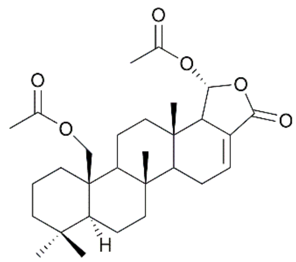
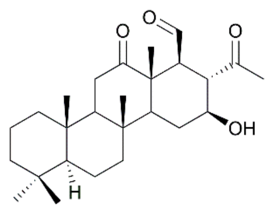
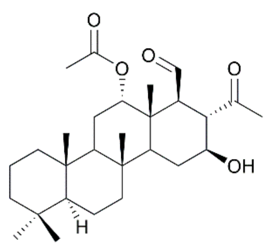
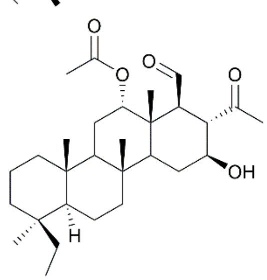
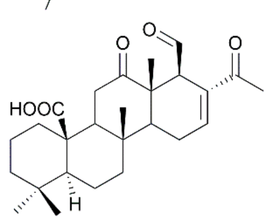
TeC-106	12-*O*-deacetyl-12-*epi*-19-*O*-methylscalarin		*Spongia* sp. [490, 523]
TeC-107	12-*O*-deacetyl-12,19-di-*epi*-scalarin		*Hyrtios erectus* [524]
TeC-108	scalarinol		*Hyrtios erecta* [sic!] [525]
TeC-109	12,24-diacetoxy-deoxoscalarin		*Spongia* sp. [526]
TeC-110	12-*O*-deacetoxyl-24-hydroxyl-deoxoscalarin		*Spongia* sp. [526]
TeC-111	12-*O*-deacetoxyl-19-*O*-methydeoxoscalarin		*Hyattella* sp. [527] *Spongia* sp. [526] *Glossodoris hikuerensis* [528]
TeC-112	12α-*O*-acetylhyrtiolide		*Hyrtios erectus* [34]

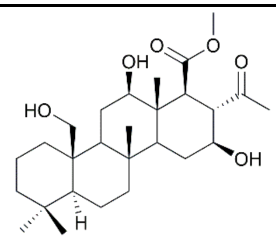
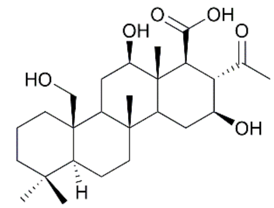
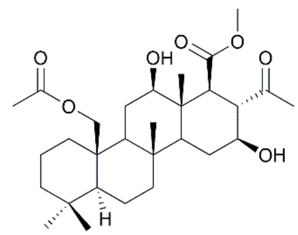
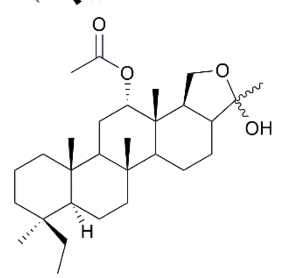
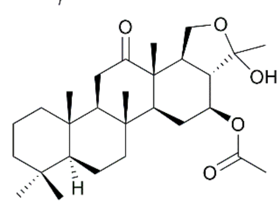
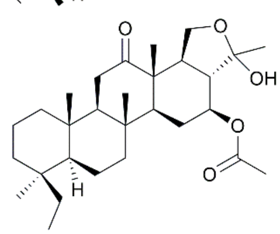
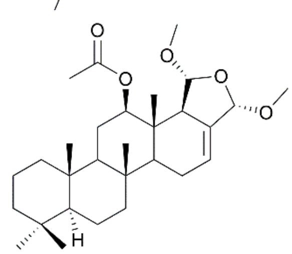
TeC-113	12α-acetoxy-20,24β-dimethylscalar-17-eno-25,24-lactone		*Phyllospongia papyracea* [489]
TeC-114	sesterstatin 7		*Hyrtios erecta* [sic!] [529] *Hyrtios gumminae* [530]
TeC-115	unnamed tetracarbocyclic sesterterpene (reported as compound 1)		*Pleurotus ostreatus* [531]
TeC-116	12-*O*-deacetyl-12-*epi*-19-deoxy-21-hydroxyscalarin		*Hyattella* sp. [527] *Spongia* sp. [523]
TeC-117	unnamed tetracarbocyclic sesterterpene (reported as compound 2)		*Pleurotus ostreatus* [531]
TeC-118	12β,16β,22-trihydroxy-24-methyl-24-oxoscalaran-25-oxo methyl ester		*Lendenfeldia* sp. [84]
TeC-119	12α-acetoxy-20,24-dimethyl-16,24-dioxoscalara-14,17-dien-24-ol-25,24-olide		*Phyllospongia papyracea* [489]

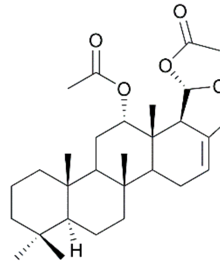
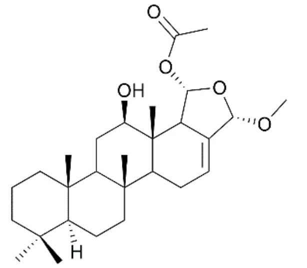
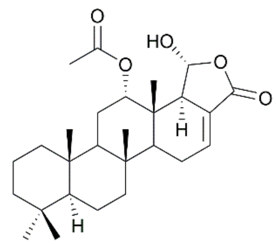
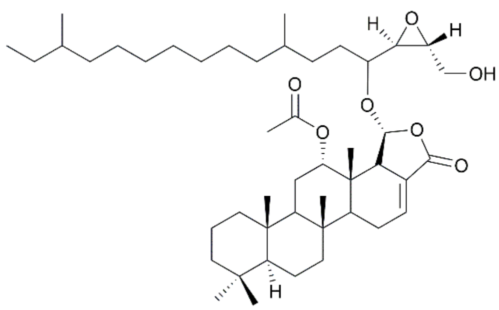
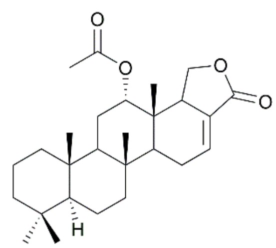
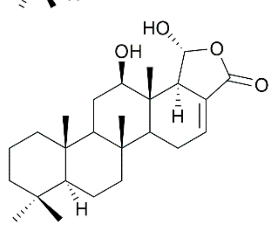
TeC-120	scalarester		*Dysidea* sp. [503]
TeC-121	12-*epi*-19-deoxyscalarin		*Hyrtios erectus* [524] *Brachiaster* sp. [111]
TeC-122	unnamed tetracarbocyclic sesterterpene (reported as compound 7)		*Hyattella* sp. [527]
TeC-123	salmahyrtisol C		*Hyrtios erecta* [sic!] [532]
TeC-124	unnamed tetracarbocyclic sesterterpene (reported as compound 8)		*Hyattella* sp. [527] *Hyrtios erecta* [sic!] [533]
TeC-125	24-acetoxy-12-deacetyl-12-*epi*-deoxoscalarin		*Hyattella intestinalis* [534]
TeC-126	petrosapsongiolactam A		*Petrosaspongia* sp. [535]

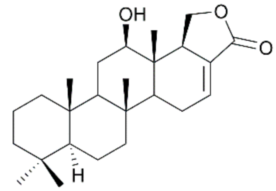
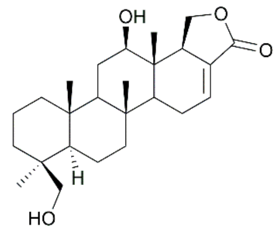
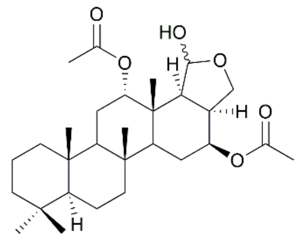
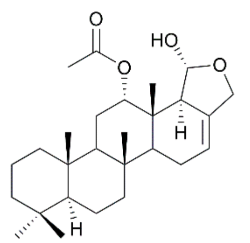
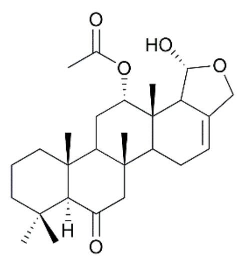
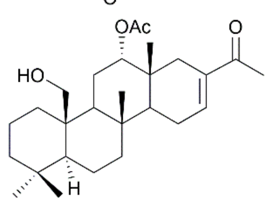
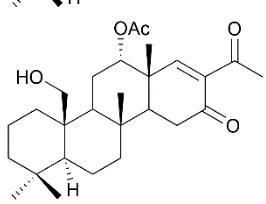
TeC-127	petrosapsongiolactam B		*Petrosaspongia* sp. [535]
TeC-128	petrosapsongiolactam C		*Petrosaspongia* sp. [535]
TeC-129	unnamed tetracarbocyclic sesterterpene (reported as compound 2a and as compound 6)		*Hyrtios erecta* [sic!] [533] *Spongia* sp. [536]
TeC-130	unnamed tetracarbocyclic sesterterpene (reported as compound 2b)		*Hyrtios erecta* [sic!] [533]
TeC-131	unnamed tetracarbocyclic sesterterpene (reported as compound 3)		*Hyrtios erecta* [sic!] [533]
TeC-132	unnamed tetracarbocyclic sesterterpene (reported as compound 9)		*Hyattella* sp. [527]
TeC-133	unnamed tetracarbocyclic sesterterpene (reported as compound 3)		*Phyllospongia* sp. [487]

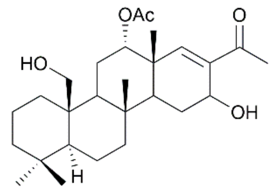
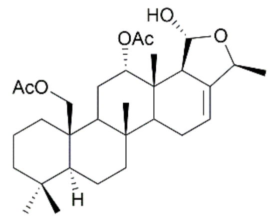
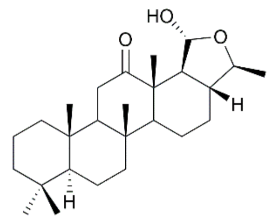
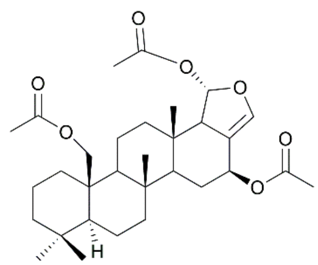
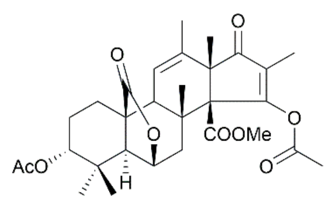
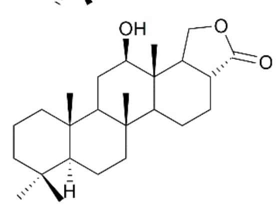
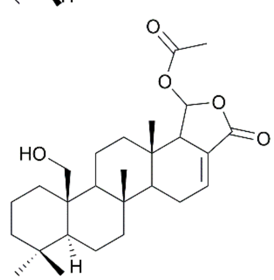
TeC-134	unnamed tetracarbocyclic sesterterpene (reported as compound 3a)		*Phyllospongia* sp. [487]
TeC-135	unnamed tetracarbocyclic sesterterpene (reported as compound 3b)		*Phyllospongia* sp. [487]
TeC-136	unnamed tetracarbocyclic sesterterpene (reported as compound 3c)		*Phyllospongia* sp. [487]
TeC-137	unnamed tetracarbocyclic sesterterpene (reported as compound 4)		*Phyllospongia* sp. [487]
TeC-138	unnamed tetracarbocyclic sesterterpene (reported as compound 4b)		*Phyllospongia* sp. [487]
TeC-139	unnamed tetracarbocyclic sesterterpene (reported as compound 4c)		*Phyllospongia* sp. [487]

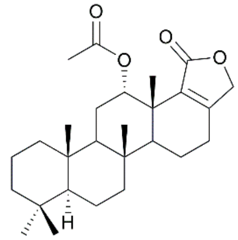
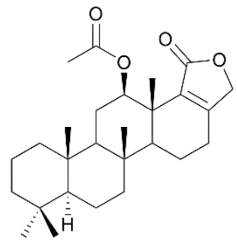
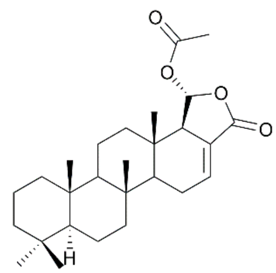
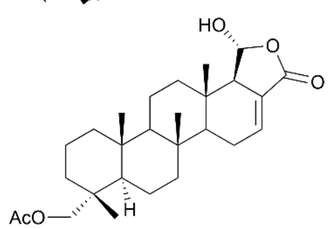
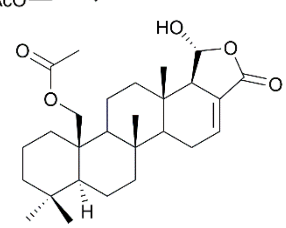
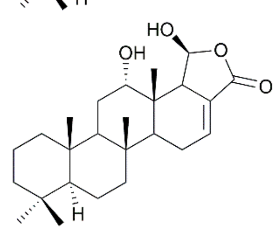
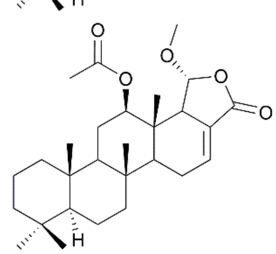
TeC-140	unnamed tetracarbocyclic sesterterpene (reported as compound 5)		*Phyllospongia* sp. [487]
TeC-141	12-deacetoxy-12-oxo-deoxoscalarin		*Glossodoris rufomarginata* [478] *Dorisprismatica* (= *Glossodoris*) *atromarginata* [494] *Glossodoris atromarginata* [537] *Glossodoris pallida* [479] *Glossodoris hikuerensis* [507] *Glossodoris vespa* [507]
TeC-142	12-deacetoxy-23-acetoxy-19-*O*-acetylscalarin		*Smenospongia* sp. [32] *Psammocinia* sp. [484] *Smenospongia* sp. [33]
TeC-143	unnamed tetracarbocyclic sesterterpene (reported as compound 2)		*Lendenfeldia* sp. [84]
TeC-144	unnamed tetracarbocyclic sesterterpene (reported as compound 3)		*Lendenfeldia* sp. [84]
TeC-145	unnamed tetracarbocyclic sesterterpene (reported as compound 4)		*Lendenfeldia* sp. [84]
TeC-146	unnamed tetracarbocyclic sesterterpene (reported as compound 5)		*Lendenfeldia* sp. [84]

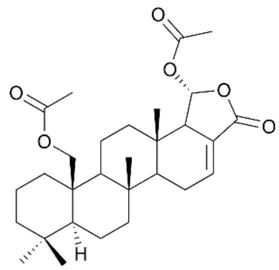
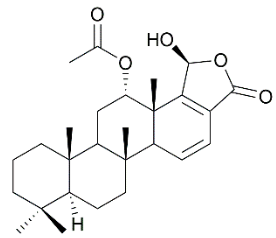
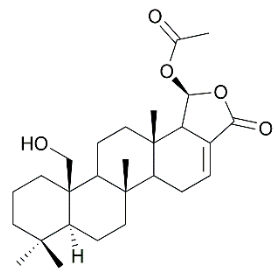
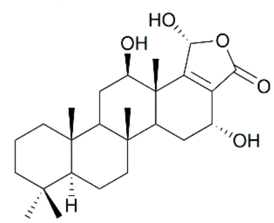
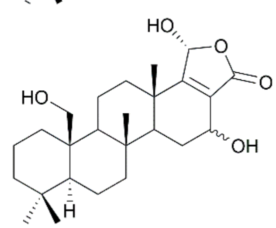
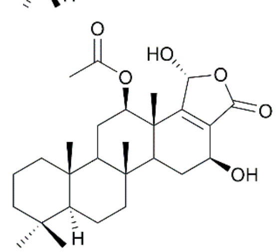
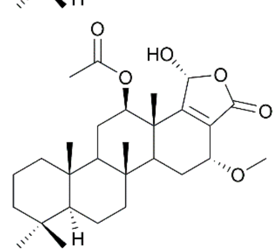
TeC-147	unnamed tetracarbocyclic sesterterpene (reported as compound 6)		*Lendenfeldia* sp. [84]
TeC-148	unnamed tetracarbocyclic sesterterpene (reported as compound 7)		*Lendenfeldia* sp. [84]
TeC-149	unnamed tetracarbocyclic sesterterpene (reported as compound 8)		*Lendenfeldia* sp. [84]
TeC-150	12α-acetoxy-24,25-epoxy-24-hydroxy-20,24-dimethylscalarane		*Carteriospongia foliascens* [495] *Phyllospongia lamellosa* [517]
TeC-151	scalardysin-A		*Dysidea herbacea* [502] *Phyllospongia lamellosa* [517]
TeC-152	scalardysin-B		*Dysidea herbacea* [502]
TeC-153	12-acetyl-19,20-dimethoxy-deoxoscalarin		*Collospongia auris* [482]

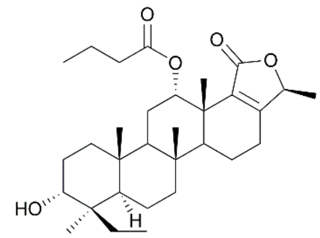
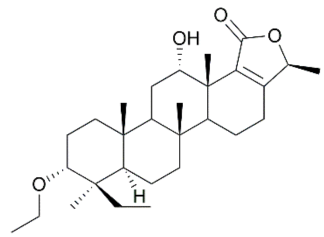
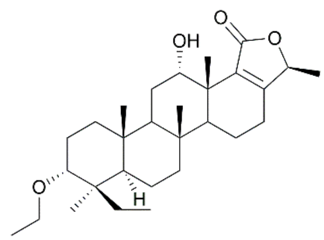
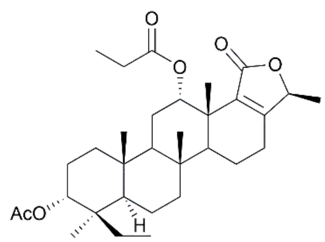
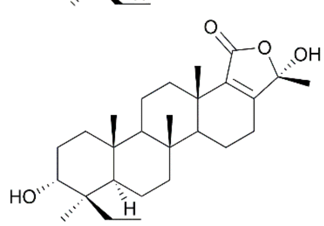
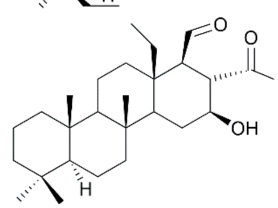
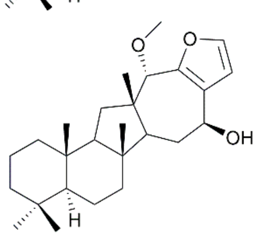
TeC-154	deoxo-scalarin acetate		*Spongia officinalis* [538]
TeC-155	12-*epi*-deacetyl-19α-acetoxy-20α-methoxyscalaran		*Hyrtios* sp. [539]
TeC-156	scalarin		*Cacospongia scalaris* [540] *Dysidea* sp. [503] *Ircinia* sp. [541] *Hyattella intestinalis* [390] *Spongia matamata* [371] *Spongia tubulifera* [379] *Spongia virgultosa* [542] *Hyrtios erectus* [543] *Scalarispongia* sp. [544]
TeC-157	scalarinether		*Hyrtios erectus* [543]
TeC-158	19-deoxyscalarin		*Cacospongia scalaris* [501] *Glossodoris pallida* [506]
TeC-159	12-*O*-deacetyl-12-*epi*-scalarin		*Hyrtios erectus* [545] *Spongia* sp. [526, 536, 546]

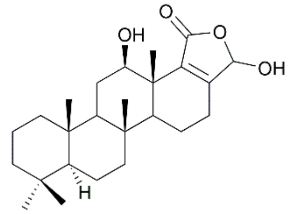
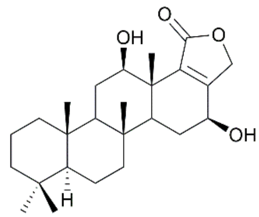
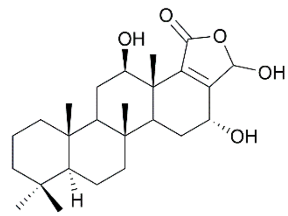
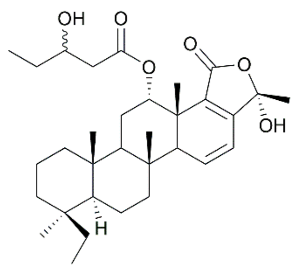
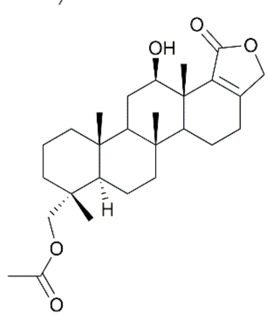
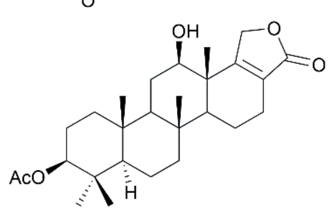
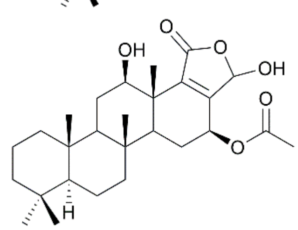
TeC-160	12-deacetyl-12-*epi*-19-deoxyscalarin		*Brachiaster* sp. [111] *Glossodoris dalli* [510] *Hyattella cribriformis* [547] *Hyrtios erecta* [sic!] [548] *Spongia* sp. [526, 536, 546]
TeC-161	12-*O*-deacetyl-12-*epi*-19-deoxy-22-hydroxyscalarin		*Spongia* sp. [523]
TeC-162	16-acetoxy-dihydrodeoxoscalarin		*Cacospongia scalaris* [85]
TeC-163	deoxoscalarin		*Cacospongia mollior* (association with *Hypselodoris orsini* [sic!]) [549] *Cacospongia scalaris* [85] *Glossodoris dalli* [510] *Glossodoris tricolor* [504] *Glossodoris rufomarginata* [478] *Hyattella intestinalis* [390] *Spongia officinalis* [550] *Glossodoris pallida* [479] *Glossodoris averni* [479]
TeC-164	6-keto-deoxoscalarin		*Cacospongia mollior* (association with *Hypselodoris orsini* [sic!]) [549] *Chromodoris funerea* [144]
TeC-165	felixin A		*Ircinia felix* [522]
TeC-166	felixin B		*Ircinia felix* [522]

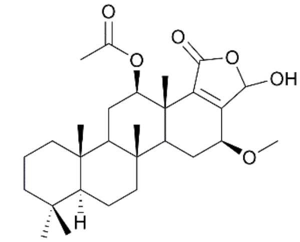
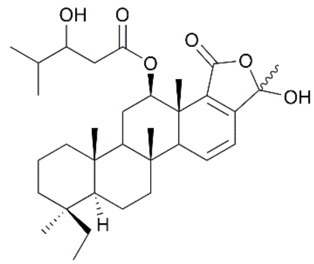
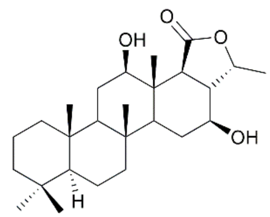
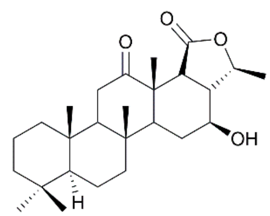
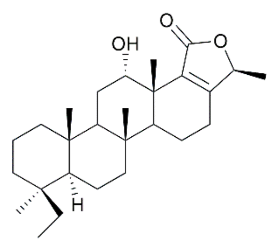
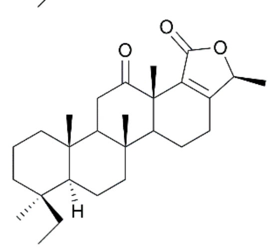
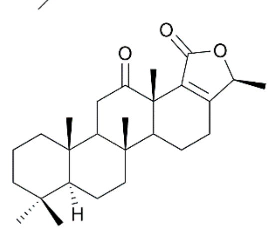
TeC-167	felixin C		*Ircinia felix* [522]
TeC-168	felixin D		*Ircinia felix* [522]
TeC-169	felixin E		*Ircinia felix* [522]
TeC-170	12-deacetoxy-23-*O*-acetoxyheteronemin		*Psammocinia* sp. [484]
TeC-171	citreohybidone A		Hybrid strain KO 0031 derived from *Penicillium citreo-viride* B. IFO 6200 and 4692 [551]
TeC-172	hippospongide B		*Hippospongia* sp. [365]
TeC-173	scalarolide		*Cacospongia* [541] *Hyrtios erectus* [483] *Spongia* sp. [490] *Spongia idia* [26] *Hyrtios gumminae* [530] *Hyattella cribriformis* [547]

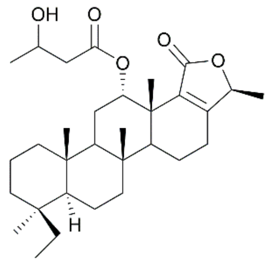
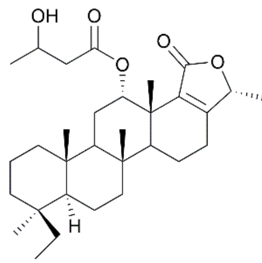
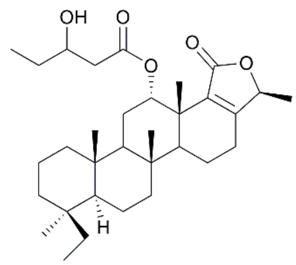
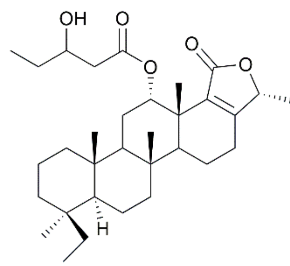
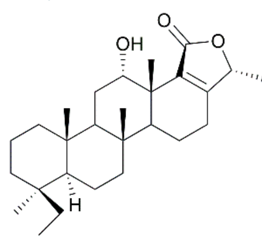
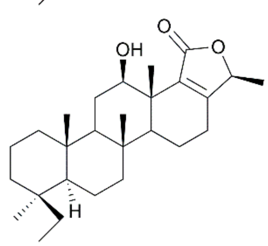
TeC-174	12-*epi*-12-*O*-acetylscalarolide		*Cacospongia scalaris* [501] *Hyattella intestinalis* [390] *Scalarispongia* sp. [544]
TeC-175	scalarolide acetate		*Collospongia auris* [482] *Hyrtios erectus* [480] *Spongia* sp. [490, 536]
TeC-176	12-deacetoxyscalarin 19-acetate		*Hippospongia* sp. [365] *Brachiaster* sp. [111]
TeC-177	12-deacetoxy-21-acetoxyscalarin		*Hyrtios* cf. *erectus* [552]
TeC-178	12-deacetoxy-22-acetoxyscalarin		*Smenospongia* sp. [32]
TeC-179	12-*O*-deacetyl-25-*epi*-scalarin		*Hyattella intestinalis* [390]
TeC-180	12-*epi*-19-*O*-methylscalarin		*Hyattella* sp. [527]

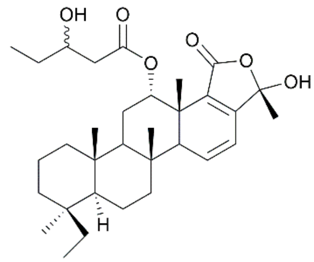
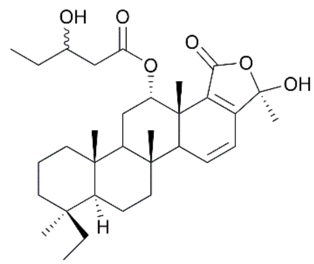
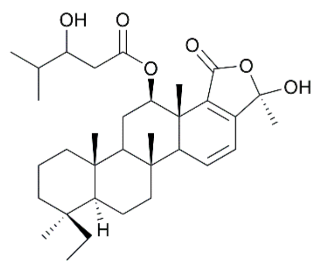
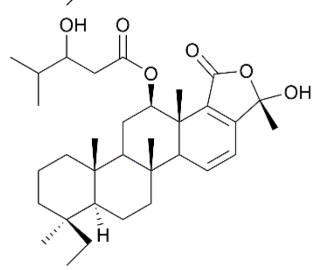
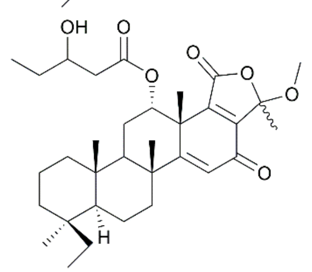
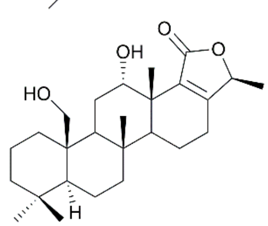
TeC-181	12-deacetoxy-22,25-diacetoxy-scalarin		*Smenospongia* sp. [32]
TeC-182	12α-acetoxy-19β-hydroxyscalara-15,17-dien-20,19-olide		*Spongia matamata* [371] *Hyattella intestinalis* [390]
TeC-183	12-deacetoxy-22-hydroxy-25-acetoxyscalarin		*Smenospongia* sp. [33]
TeC-184	hyrtiolide		*Hyrtios erectus* [483] *Hyrtios gumminae* [530]
TeC-185	12-dehydroxy-23-hydroxyhyrtiolide		*Psammocinia* sp. [484]
TeC-186	12-acetoxy,16-*epi*-hyrtiolide		*Hyrtios erectus* [480, 524]
TeC-187	12-*O*-acetyl-16-*O*-methylhyrtiolide		*Spongia* sp. [546] *Hyattella* sp. [527] *Hyrtios erectus* [524]

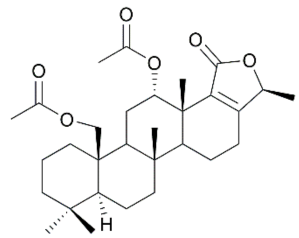
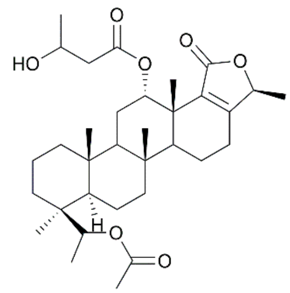
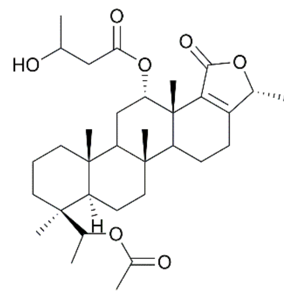
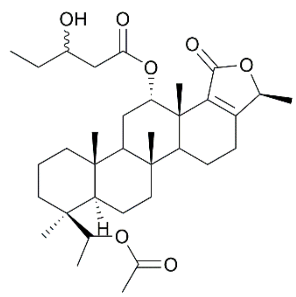
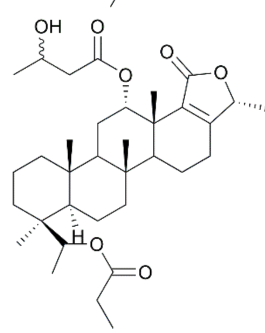
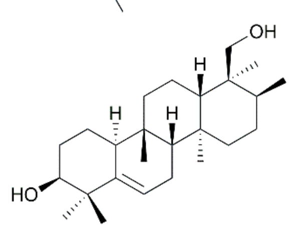
TeC-188	phyllolactone A		*Phyllospongia lamellosa* [553]
TeC-189	phyllolactone B		*Phyllospongia lamellosa* [553, 554]
TeC-190	phyllolactone C		*Phyllospongia lamellosa* [553, 554]
TeC-191	phyllolactone D		*Phyllospongia lamellosa* [553]
TeC-192	phyllolactone E		*Phyllospongia lamellosa* [553]
TeC-193	unnamed tetracarbocyclic sesterterpene (reported as compound 2)		*Cacospongia scalaris* [555]
TeC-194	similan A		*Hyrtios gumminae* [530]

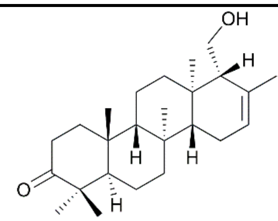
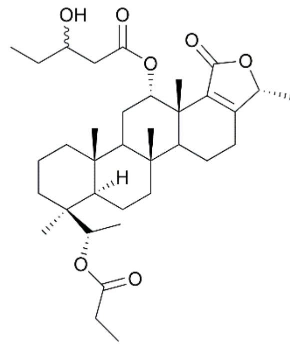
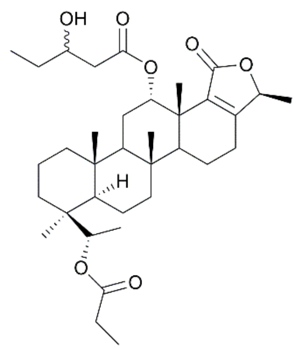
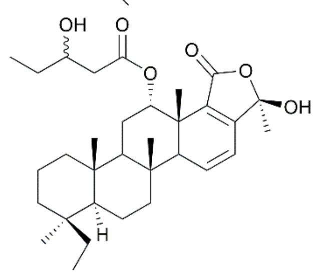
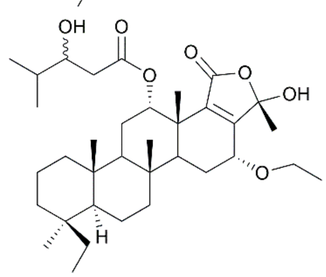
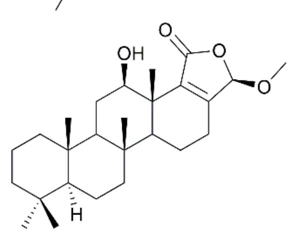
TeC-195	20-hydroxyscalarolide		*Collospongia auris* [482]
TeC-196	16-hydroxyscalarolide		*Hyrtios erectus* [483]
TeC-197	12β16α,20-trihydroxy-17-scalaren-19,20-olide		*Hyrtios gumminae* [530]
TeC-198	(12α,24*S*)-12-[(3-hydroxypentanoyl)oxy]-20,24-dimethyl-25-oxoscalar-15,17-dien-25,24-olide		*Phyllospongia papyracea* [497] *Carteriospongia foliascens* [492]
TeC-199	19-acetylsesterstatin 3		*Hyrtios erecta* [sic!] [532] *Hyrtios erectus* [524]
TeC-200	3-acetylsesterstatin 1		*Hyrtios erecta* [sic!] [532]
TeC-201	12β,20-dihydroxy-16β-acetoxy-17-scalaren-19,20-olide		*Hyrtios erectus* [480]

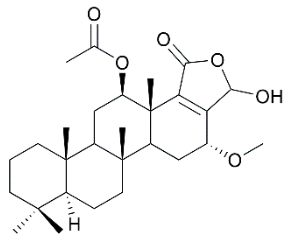
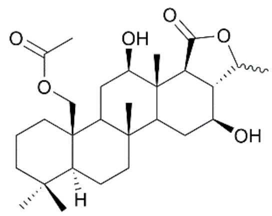
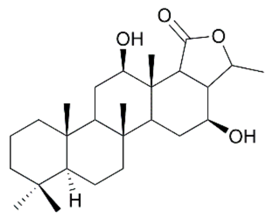
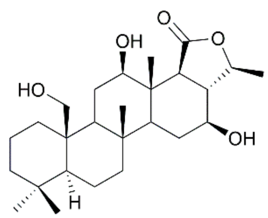
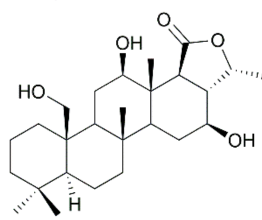
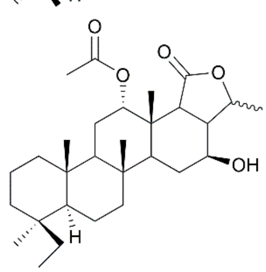
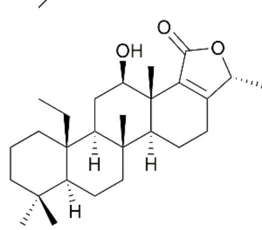
TeC-202	12β-acetoxy,16β-methoxy,20α-hydroxy-17-scalaren-19,20-olide		*Hyrtios erectus* [480]
TeC-203	12α,24-dihydroxy-20,24-dimethyl-15,17-scalaradien-25,24-olide		*Phyllospongia papyracea* [556]
TeC-204	12,16-dihydroxy-24-methylscalaran-25,24-olide		*Lendenfeldia* sp. [515]
TeC-205	phyllofolactone L		*Phyllospongia foliascens* [518]
TeC-206	phyllofolactone B		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [557] *Phyllospongia madagascarensis* [396] *Phyllospongia foliascens* [558]
TeC-207	phyllofolactone C		*Phyllospongia foliascens* [559]
TeC-208	phyllofolactone D		*Phyllospongia foliascens* [559]

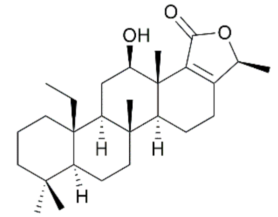
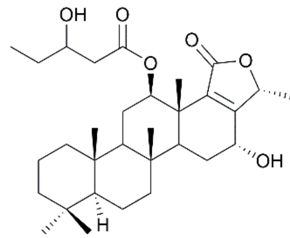
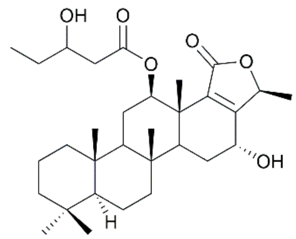
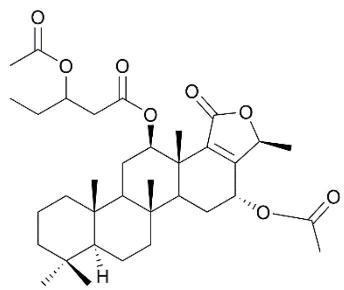
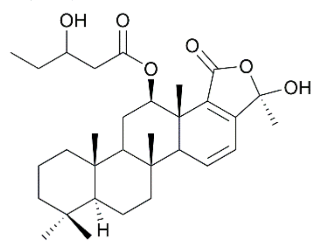
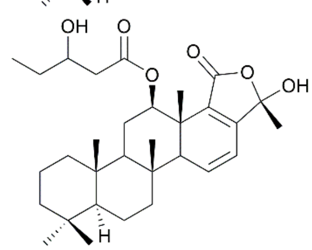
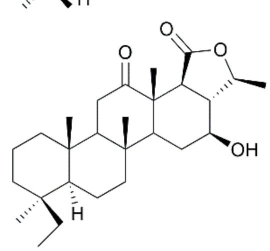
TeC-209	phyllofolactone H		*Strepsichordaia aliena* [560]
TeC-210	phyllofolactone I		*Strepsichordaia aliena* [560]
TeC-211	phyllofolactone J		*Strepsichordaia aliena* [560]
TeC-212	phyllofolactone K		*Strepsichordaia aliena* [560]
TeC-213	phyllofolactone M		*Phyllospongia foliascens* [558]
TeC-214	12-*epi*-phyllofolactone-B		*Phyllospongia foliascens* [561]

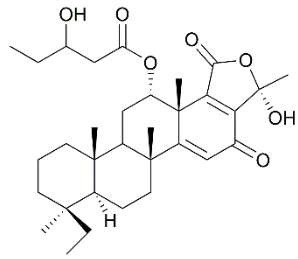
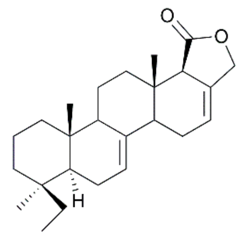
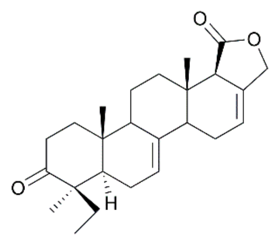
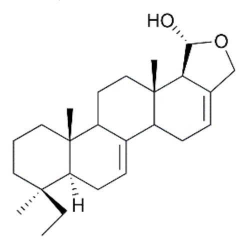
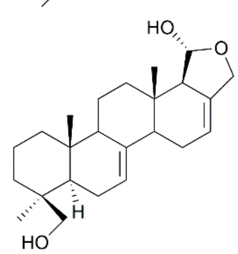
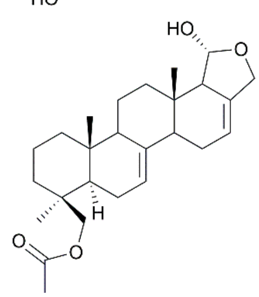
TeC-215	12-*epi*-phyllactone D		*Carteriospongia foliascens* [492]
TeC-216	12-*epi*-phyllactone E		*Carteriospongia foliascens* [492]
TeC-217	phyllactone F		*Phyllospongia foliascens* [562] *Phyllospongia papyracea* [556]
TeC-218	phyllactone G		*Phyllospongia foliascens* [562] *Phyllospongia papyracea* [556]
TeC-219	phyllactone H		*Phyllospongia papyracea* [556]
TeC-220	lendenfeldarane C		*Lendenfeldia* sp. [475]

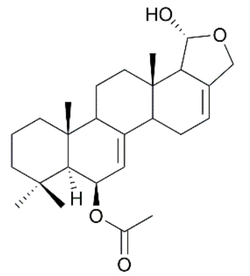
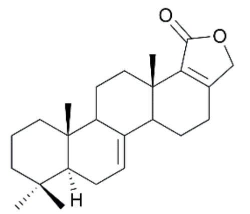
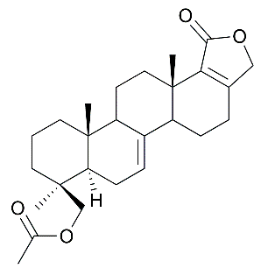
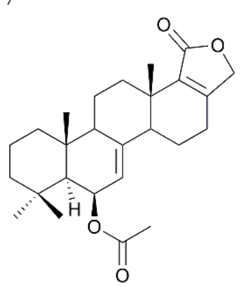
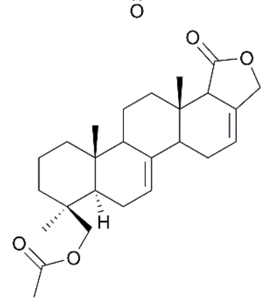
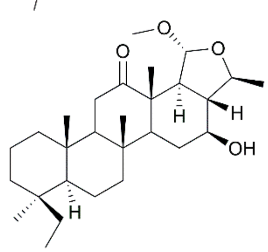
TeC-221	lendenfeldarane D		*Lendenfeldia* sp. [475]
TeC-222	honulactone C		*Strepsichordaia aliena* [560]
TeC-223	honulactone D		*Strepsichordaia aliena* [560]
TeC-224	honulactone I		*Strepsichordaia aliena* [560]
TeC-225	honulactone L		*Strepsichordaia aliena* [560]
TeC-226	unnamed tetracarbocyclic sesterterpene (reported as compound 5)		*Aletris farinosa* [431]

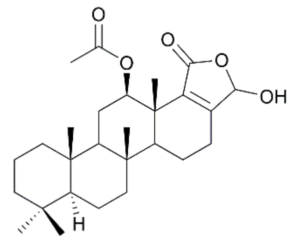
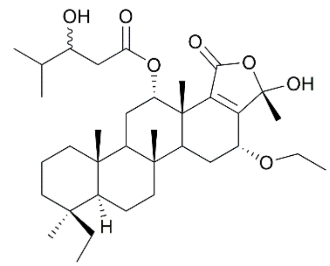
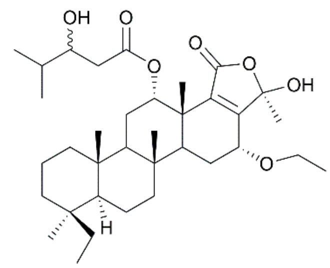
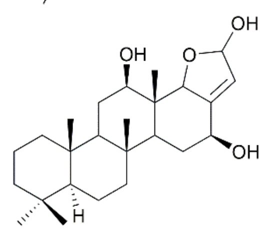
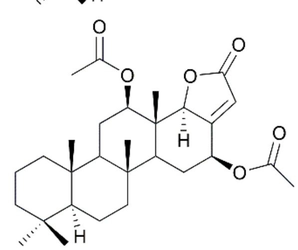
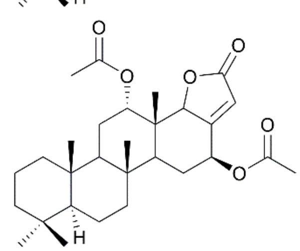
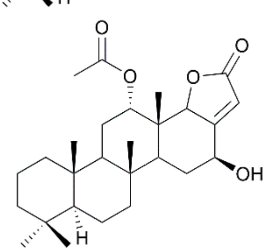
TeC-227	unnamed tetracarbocyclic sesterterpene (reported as compound 6)		*Aletris farinosa* [431]
TeC-228	unnamed tetracarbocyclic sesterterpene (reported as compound 13)		*Dysidea granulosa* [370]
TeC-229	unnamed tetracarbocyclic sesterterpene (reported as compound 14)		*Dysidea granulosa* [370]
TeC-230	(12α,24*R*)-12-[(3-hydroxypentanoyl) oxy]-20,24-dimethyl-25-oxoscalar-15,17-dien-25,24-olide		*Phyllospongia papyracea* [497] *Carteriospongia foliascens* [492]
TeC-231	unnamed tetracarbocyclic sesterterpene (reported as compound 3)		*Carteriospongia foliascens* [492]
TeC-232	24β-methoxyscalarolide		*Hyattella cribriformis* [547]

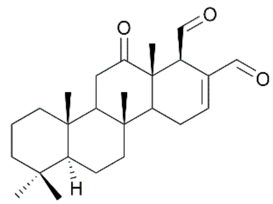
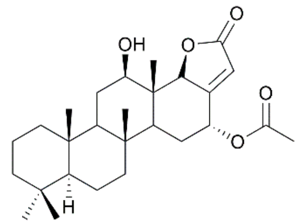
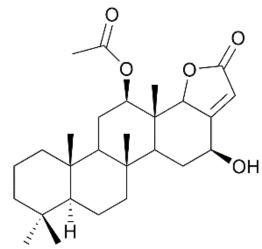
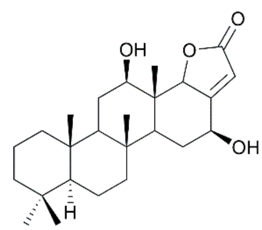
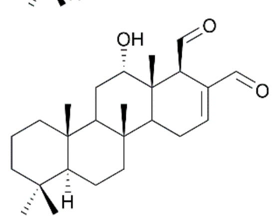
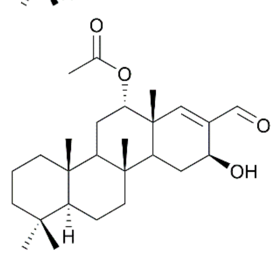
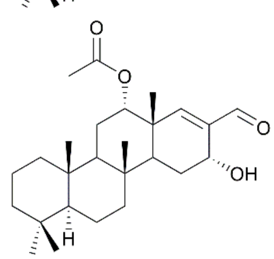
TeC-233	unnamed tetracarbocyclic sesterterpene (reported as compound 10)		*Hyattella* sp. [527]
TeC-234	22-acetoxy-12β,16β-dihydroxy-24-methylscalaran-25,24-olide (reported also as homoscalaralactone IIB [563]		*Lendenfeldia* sp. [516] *Lendenfeldia frondosa* [563]
TeC-235	12β,16β-dihydroxy-24-methylscalaran-25,24-olide		*Phyllospongia dendyi* [564]
TeC-236	12β,16β,22-trihydroxy-24-methylscalaran-25β,24β-olide		*Phyllospongia dendyi* [564] *Lendenfeldia frondosa* [565]
TeC-237	12β,22-dihydroxy-24α-methylscalar-17-*en*-24α,25β-olide		*Lendenfeldia frondosa* [565]
TeC-238	12α-acetoxy-23,25-cyclo-16β,25*Z*-dihydroxy-20,24-dimethyl-24-oxoscalarane		*Carteriospongia foliascens* [495]
TeC-239	hyattellactone A		*Hyattella* sp. [566]

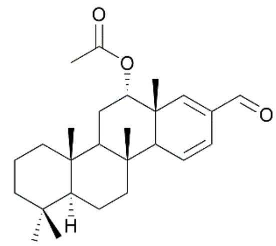
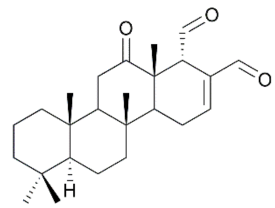
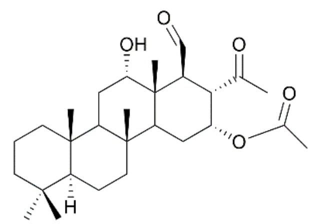
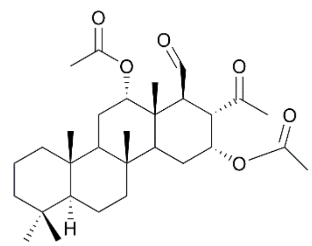
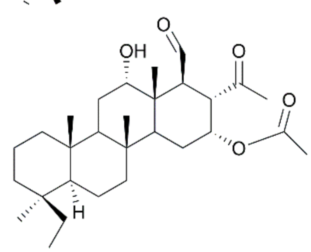
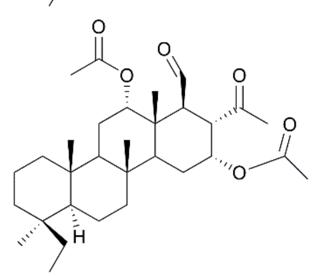
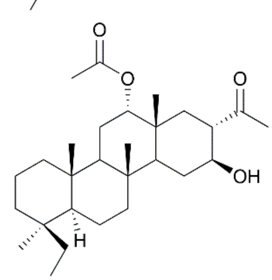
TeC-240	hyattellactone B		*Hyattella* sp. [566]
TeC-241	phyllactone A		*Phyllospongia* (syn. *Carteriospongia*) *foliascens* [567] *Phyllospongia papyracea* [556]
TeC-242	phyllactone B		*Phyllospongia* (syn. *Carteriospongia*) *foliascens* [567] *Phyllospongia papyracea* [556]
TeC-243	phyllactone C		*Phyllospongia* (syn. *Carteriospongia*) *foliascens* [567]
TeC-244	phyllactone D		*Phyllospongia* (syn. *Carteriospongia*) *foliascens* [567] *Phyllospongia papyracea* [556]
TeC-245	phyllactone E		*Phyllospongia* (syn. *Carteriospongia*) *foliascens* [567] *Phyllospongia papyracea* [556]
TeC-246	phyllofolactone A		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [557]

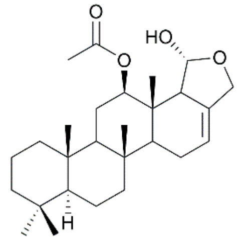
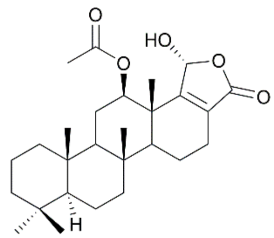
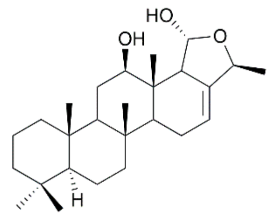
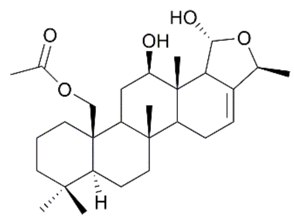
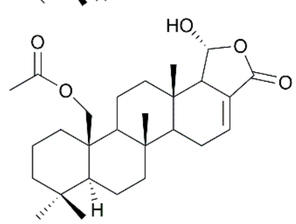
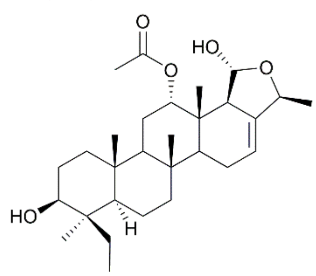
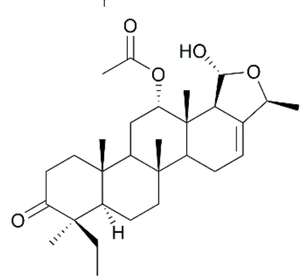
TeC-247	carteriofenone I		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
TeC-248	mooloolabene F		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-249	mooloolabene G		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-250	mooloolabene H		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-251	mooloolabene I		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-252	mooloolabene J		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]

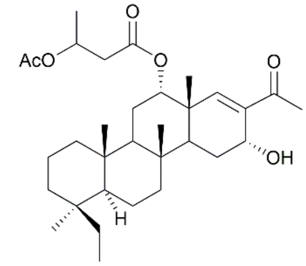
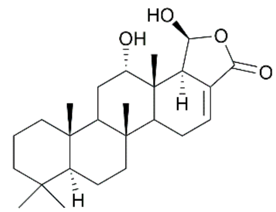
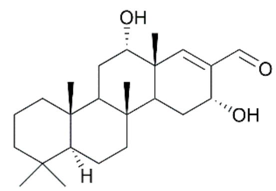
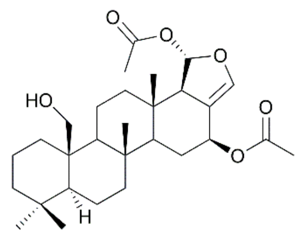
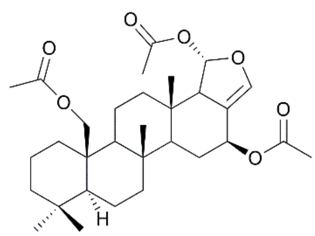
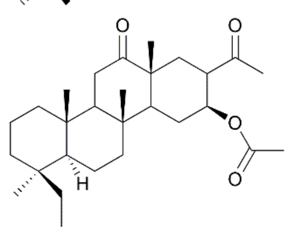
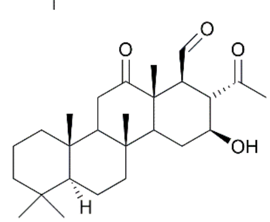
TeC-253	mooloolabene K		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-254	mooloolabene L		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-255	mooloolabene M		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-256	mooloolabene N		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-257	mooloolabene O		*Dorisprismatica* (= *Glossodoris*) *atromarginata* [494]
TeC-258	carteriofenone K		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]

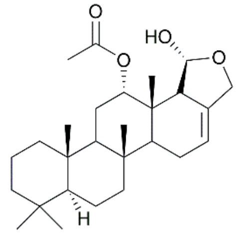
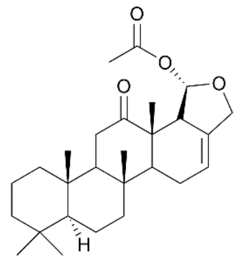
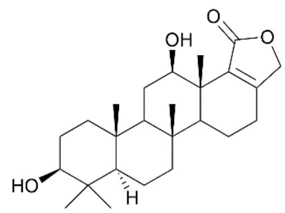
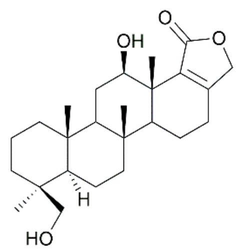
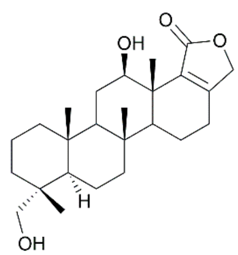
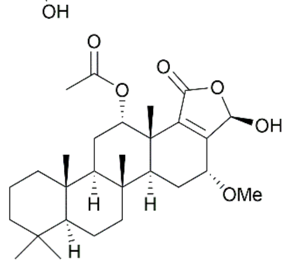
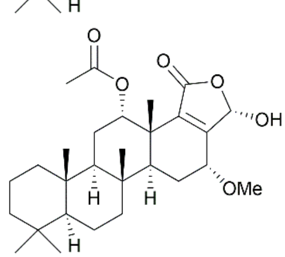
TeC-259	12β-acetoxy-20-hydroxy-17-scalaren-19,20-olide		*Hyrtios gumminae* [530]
TeC-260	unnamed tetracarbocyclic sesterterpene (reported as compound 3)		*Carteriospongia foliascens* [492]
TeC-261	unnamed tetracarbocyclic sesterterpene (reported as compound 4)		*Carteriospongia foliascens* [492]
TeC-262	unnamed tetracarbocyclic sesterterpene (reported as compound 4)		*Hyrtios erecta* [sic!] [533]
TeC-263	12β,16β-diacetoxyscalarolbutenolide		*Hyrtios erectus* [545]
TeC-264	12α,16β-diacetoxyscalarolbutenolide		*Spongia matamata* [371] *Scalarispongia* sp. [544] *Glossodoris pallida* [479]
TeC-265	12α-acetoxy-16β-hydroxyscalarolbutenolide		*Spongia matamata* [371] *Scalarispongia* sp. [544]

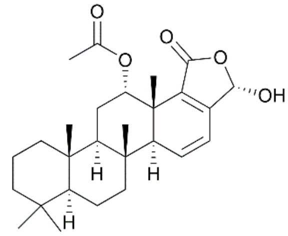
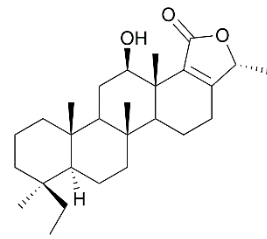
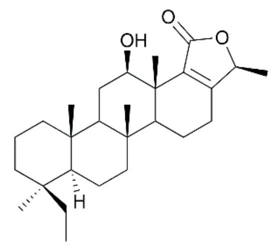
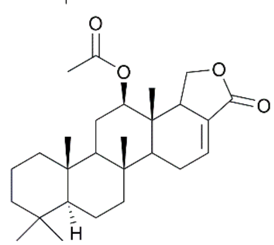
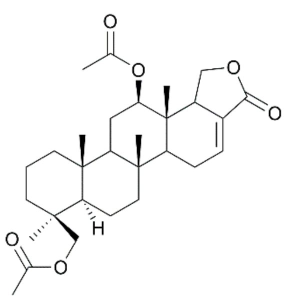
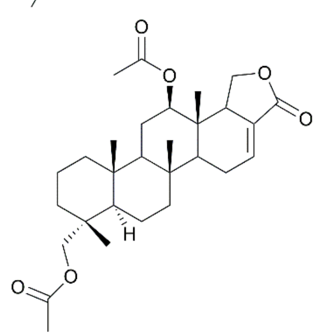
TeC-266	12-deacetoxy-12-oxo-deoxyscalarin		*Glossodoris* sp. [479]
TeC-267	scalarolbutenolide		*Spongia nitens* [568]
TeC-268	12-*O*-acetyl-16-*O*-deacetyl-16-*epi*-scalarolbutenolide		*Hyrtios* cf. *erectus* [552]
TeC-269	16-*O*-deacetyl-16-*epi*-scalarolbutenolide		*Hyrtios* cf. *erectus* [552]
TeC-270	12-deacetyl-sclaradial		*Spongia oceanica* [486] *Glossodoris rufomarginata* [478]
TeC-271	norscalaral A		*Cacospongia scalaris* [501] *Hyattella intestinalis* [390]
TeC-272	norscalaral B		*Cacospongia scalaris* [501] *Hyattella intestinalis* [390]

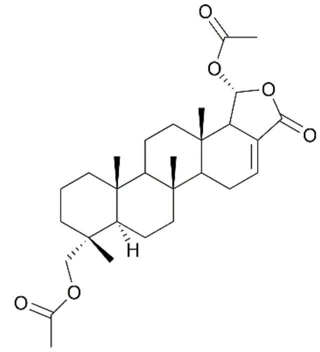
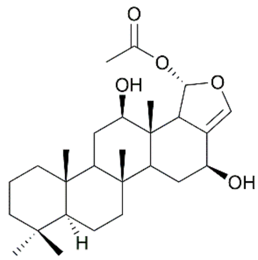
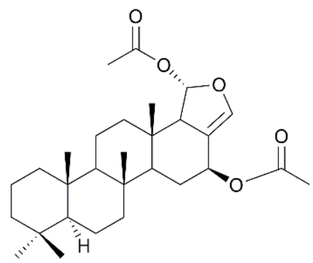
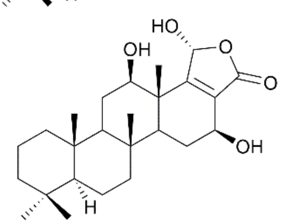
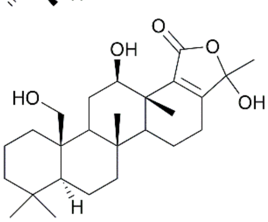
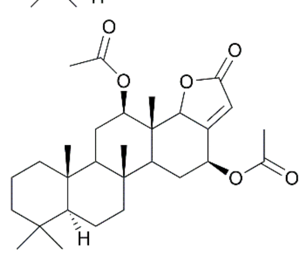
TeC-273	norscalaral C		*Cacospongia scalaris* [501]
TeC-274	12-deacetyl-18-*epi*-12-oxo-sclaradial		*Spongia oceanica* [486]
TeC-275	scalarherbacin-A		*Dysidea herbacea* [502]
TeC-276	scalarherbacin-A acetate		*Dysidea herbacea* [502]
TeC-277	scalarherbacin-B		*Dysidea herbacea* [502]
TeC-278	scalarherbacin-B acetate		*Dysidea herbacea* [502]
TeC-279	unnamed tetracarbocyclic sesterterpene (reported as compound 8)		*Phyllospongia* sp. [487]

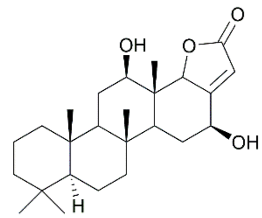
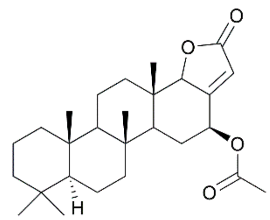
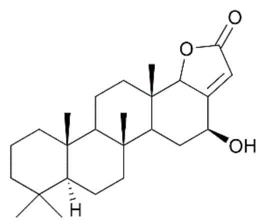
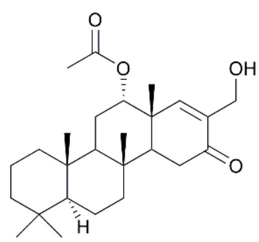
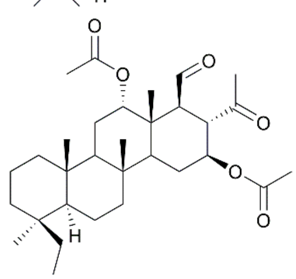
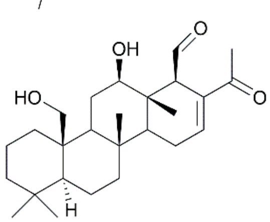
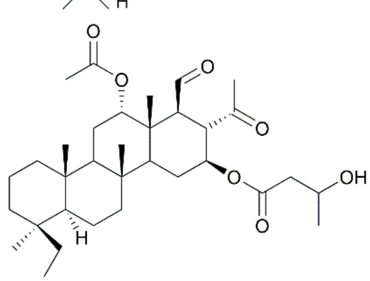
TeC-280	12-*epi*-deoxoscalarin		*Collospongia auris* [482] *Glossodoris dalli* [510] *Hyattella* sp. [527] *Hyattella intestinalis* [534] *Hyattella cribriformis* [547] *Spongia* sp. [546] *Spongia idia* [26] *Spongia nitens* [542] *Spongia officinalis* [538] *Glossodoris hikuerensis* [528]
TeC-281	12-*epi*-scalarin		*Hyattella* sp. [527] *Hyrtios erecta* [sic!] [505] *Spongia* sp. [546] *Spongia* sp. [523] *Spongia nitens* [542] *Chromodoris funerea* [130] *Spongia* sp. [536]
TeC-282	12-deacetyl-20-methyl-12-*epi*-deoxoscalarin		*Glossodoris sedna* [510]
TeC-283	12-deacetyl-23-acetoxy-20-methyl-12-*epi*-deoxoscalarin		*Glossodoris sedna* [510]
TeC-284	12-deacetoxy-23-acetoxyscalarin		*Smenospongia* sp. [32, 33]
TeC-285	3-hydroxy-20,22-dimethyldeoxoscalarin		*Phyllospongia vermicularis* or *Dysidea vermicularis* [569]
TeC-286	3-keto-20,22-dimethyl-20-deoxoscalarin		*Carteriospongia* sp. [569]

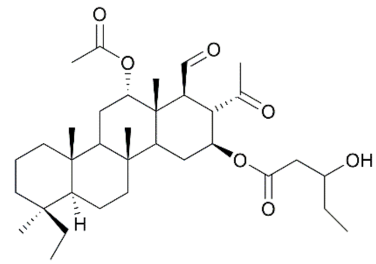
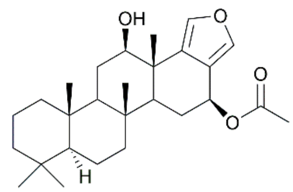
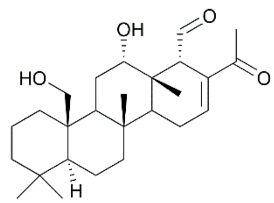
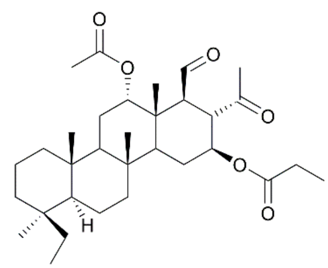
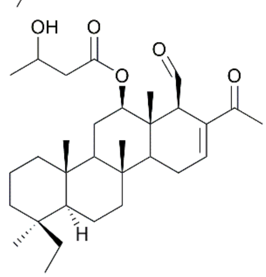
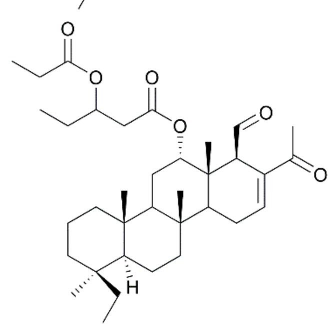
TeC-287	phyllofenone C		*Strepsichordaia aliena* [570]
TeC-288	12-*O*-deacetyl-19-*epi*-scalarin		*Hyattella intestinalis* [390]
TeC-289	12-*O*-deacetylnorscalaral B		*Hyattella intestinalis* [390]
TeC-290	12-deacetoxy-23-hydroxyheteronemin		*Smenospongia* sp. [32, 33] *Psammocinia* sp. [484]
TeC-291	unnamed tetracarbocyclic sesterterpene (reported as compound 4)		*Smenospongia* sp. [33]
TeC-292	16β-acetoxy-20,24-dimethyl-12,24-dioxo-25-norscalarane		*Phyllospongia madagascarensis* [396]
TeC-293	16β-hydroxy-24-methyl-12,24-dioxoscalaran-25-al		*Lendenfeldia* sp. [84]

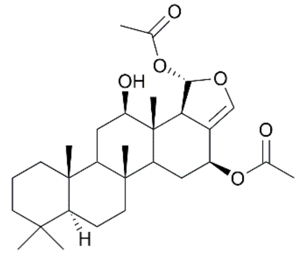
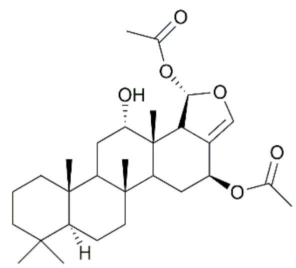
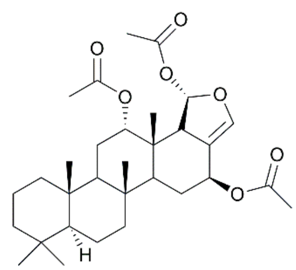
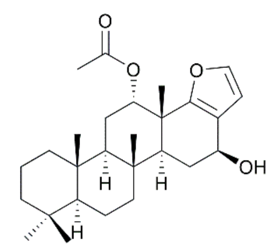
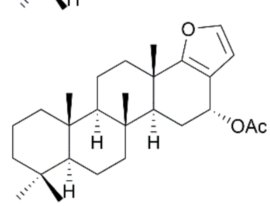
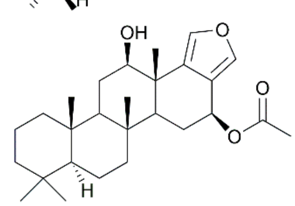
TeC-294	2α-deoxoscalarin		*Glossodoris rufomarginata* [478]
TeC-295	19-acetyl-12-deacetoxy-12-oxo-deoxoscalarin		*Glossodoris rufomarginata* [478] *Glossodoris pallida* [479] *Glossodoris hikuerensis* [528]
TeC-296	sesterstatin 1		*Hyrtios erecta* [sic!] [548]
TeC-297	sesterstatin 2		*Hyrtios erecta* [sic!] [548]
TeC-298	sesterstatin 3		*Hyrtios erecta* [sic!] [548] *Hyrtios erectus* [524]
TeC-299	hyatolide C		*Hyattella intestinalis* [390]
TeC-300	hyatolide D		*Hyattella intestinalis* [390]

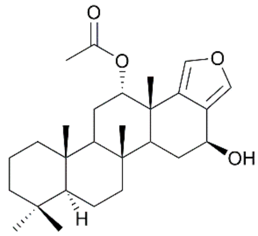
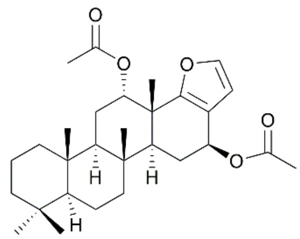
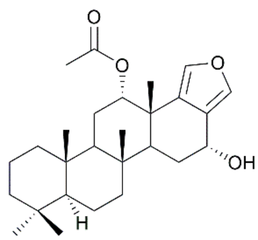
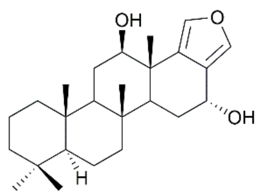
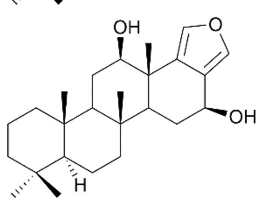
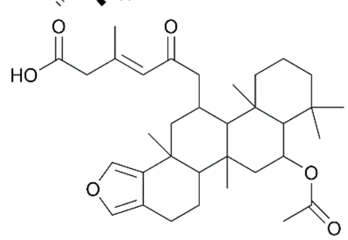
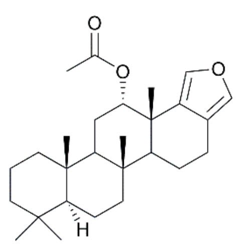
TeC-301	hyatolide E		*Hyattella intestinalis* [390]
TeC-302	phyllofolactone F		*Hyattella* sp. [566] *Phyllospongia madagascarensis* [396]
TeC-303	phyllofolactone G		*Hyattella* sp. [566] *Phyllospongia madagascarensis* [396]
TeC-304	25-dehydroxy-12-*epi*-scalarin		*Hyrtios erecta* [sic!] [571]
TeC-305	hyrtiosin A		*Hyrtios erecta* [sic!] [571]
TeC-306	hyrtiosin B		*Hyrtios erecta* [sic!] [571]

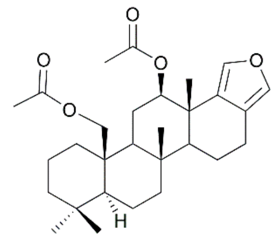
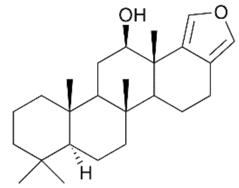
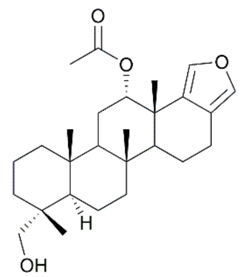
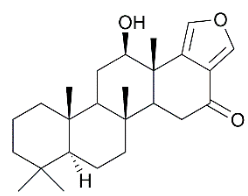
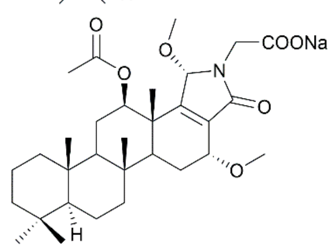
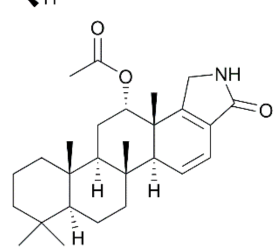
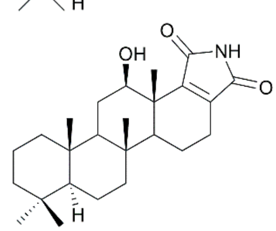
TeC-307	hyrtiosin C		*Hyrtios erecta* [sic!] [571]
TeC-308	hyrtiosin D		*Hyrtios erecta* [sic!] [571]
TeC-309	hyrtiosin E		*Hippospongia* sp. [365] *Hyrtios erecta* [sic!] [571]
TeC-310	sesterstatin 6		*Hyrtios erecta* [sic!] [572]
TeC-311	12β,22,24ε-trihydroxy-24-methylscalar-17-ene-18,24-carbolactone		*Carteriospongia* sp. [512]
TeC-312	12-*O*-acetyl-12,16-*epi*-scalarolbutenolide		*Scalarispongia* sp. [544]

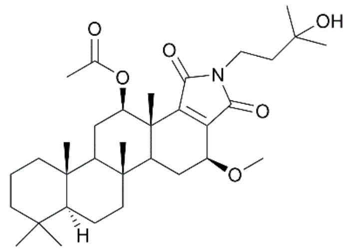
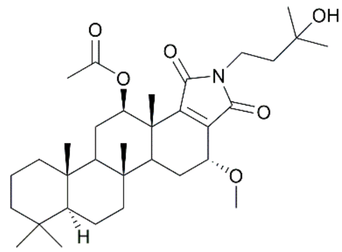
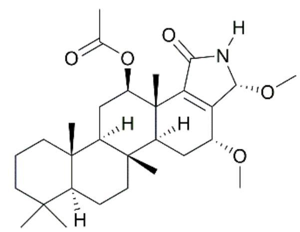
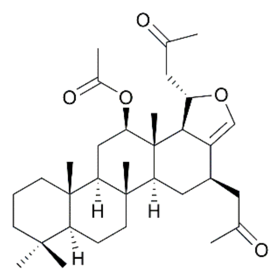
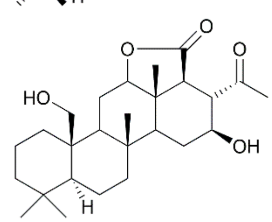
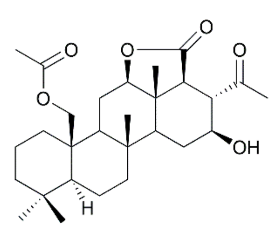
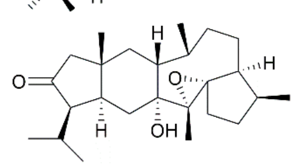
TeC-313	16-*O*-deacetyl-12,16-*epi*-scalarolbutanolide		*Scalarispongia* sp. [544]
TeC-314	unnamed tetracarbocyclic sesterterpene (reported as compound 6)		*Scalarispongia* sp. [544]
TeC-315	unnamed tetracarbocyclic sesterterpene (reported as compound 7)		*Scalarispongia* sp. [544]
TeC-316	unnamed tetracarbocyclic sesterterpene (reported as compound 8)		*Scalarispongia* sp. [544]
TeC-317	12α,16β-diacetoxy-20,24-dimethyl-24-oxoscalaran-25-al		*Strepsichordaia lendenfeldi* [488]
TeC-318	12β,22-dihydroxy-24-methyl-24-oxoscalar-16-en-25β-al		*Carteriospongia* sp. [512]
TeC-319	12α-acetoxy-16β-3'*R*-hydroxybutanoyloxy)-20,24-dimethyl-24-oxoscalaran-25-al		*Strepsichordaia lendenfeldi* [488]

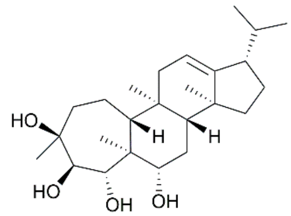
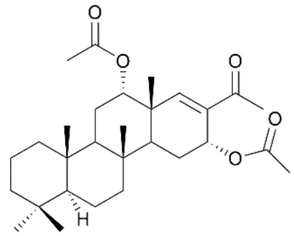
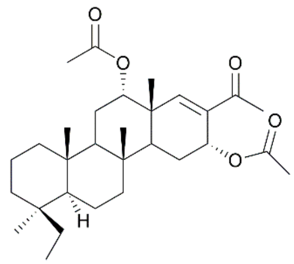
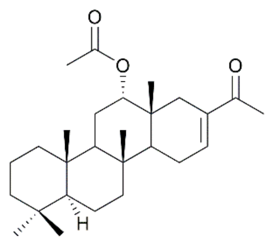
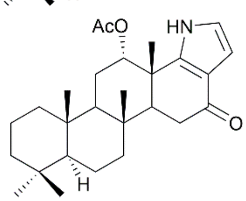
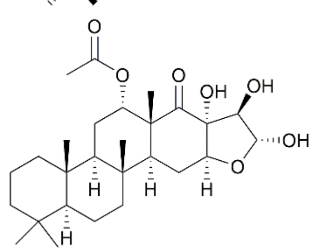
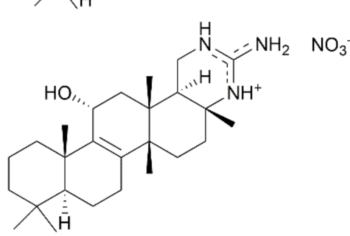
TeC-320	12α-acetoxy-16β-(3'*R*-hydroxypentanoyloxy)-20,24-dimethyl-24-oxoscalaran-25-al		*Strepsichordaia lendenfeldi* [488]
TeC-321	12α-acetoxy-16β-hydroxy-20,24-dimethyl-24-oxoscalaran-25-al		*Strepsichordaia lendenfeldi* [488] *Lendenfeldia* sp. [84]
TeC-322	12α,22-dihydroxy-24-methyl-24-oxoscalar-16-en-25α-al		*Carteriospongia* sp. [512]
TeC-323	12α-acetoxy-16β-propanoyloxy-20,24-dimethyl-24-oxoscalaran-25-al		*Strepsichordaia lendenfeldi* [488]
TeC-324	12α-(3'*R*-hydroxypentanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al		*Strepsichordaia lendenfeldi* [488]
TeC-325	12α-(3'-propanoyloxypentanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al		*Strepsichordaia lendenfeldi* [488]

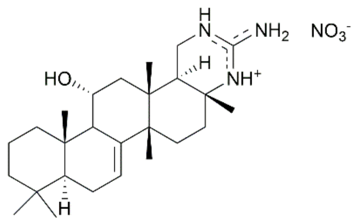
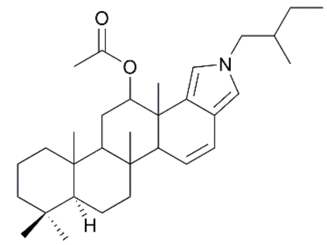
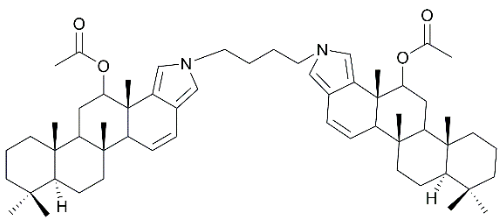
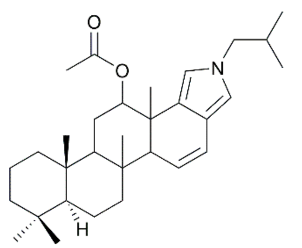
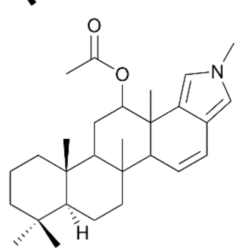
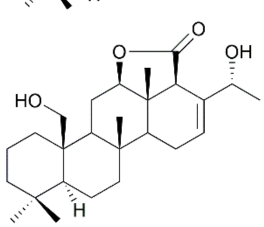
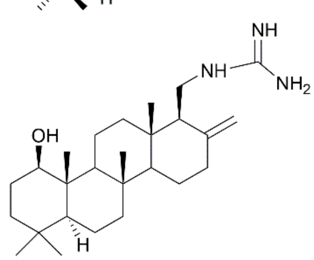
TeC-326	heteronemin		*Brachiaster* sp. [111] *Cacospongia scalaris* [500] *Collospongia auris* [482] *Heteronema erecta* [573, 574] *Hippospongia* sp. [365] *Hyattella intestinalis* [534] *Hyrtios erecta* [sic!] [505] *Hyrtios* cf. *erectus* [552] *Hyrtios erectus* [524] *Spongia idia* [26] *Ircinia* sp. [239] *Glossodoris cincta* [506] *Glossodoris hikeurensis* [506] *Glossodoris atromarginata* [537] *Hyrtios altum* [sic!] [506] *Glossodoris vespa* [507]
TeC-327	12-*epi*-heteronemin		*Hyrtios erecta* [sic!] [575]
TeC-328	12-*epi*-heteronemin acetate		*Hyrtios erecta* [sic!] [575]
TeC-329	furoscalarol		*Cacospongia mollior* [576, 577] *Hyattella intestinalis* [390] *Cacospongia scalaris* [85, 501] *Glossodoris tricolor* [504]
TeC-330	12,16-di-*epi*-12-*O*-deacetyl-16-*O*-acetylfuroscalarol		*Spongia agaricina* [578]
TeC-331	scalarafuran		*Spongia idia* [26] *Hippospongia* sp. [365] *Hyrtios gumminae* [530]

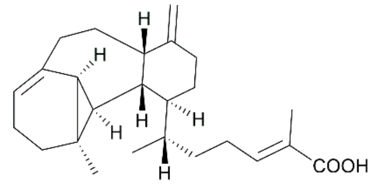
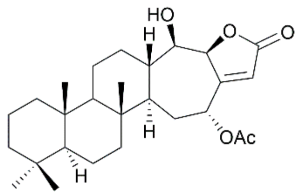
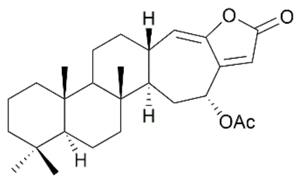
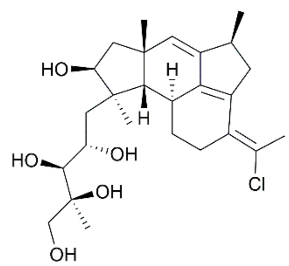
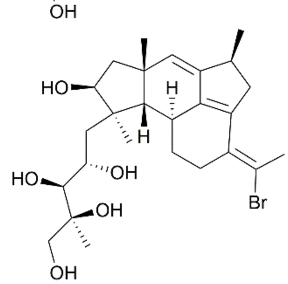
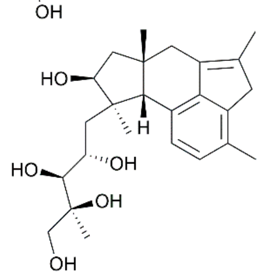
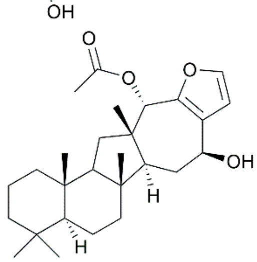
TeC-332	isoscalarafuran-A		*Spongia hispida* [364] *Hyrtios erectus* [543]
TeC-333	16-acetylfuroscalarol		*Cacospongia scalaris* [501]
TeC-334	isoscalarafuran-B		*Spongia hispida* [364]
TeC-335	sesterstatin 4 (16-*epi*-deacetyl-scalarafuran)		*Hyrtios erecta* [sic!] [579]
TeC-336	sesterstatin 5		*Hyrtios erecta* [sic!] [579]
TeC-337	nambiscalarane		*Neonothopanus nambi* [580]
TeC-338	16-deacetoxy-12-*epi*-scalarafuranacetate		*Spongia officinalis* [538] *Glossodoris averni* [479]

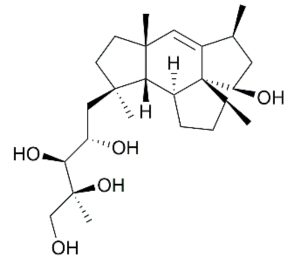
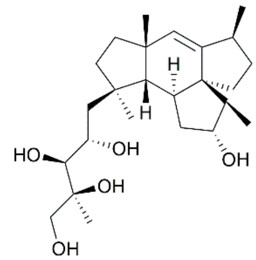
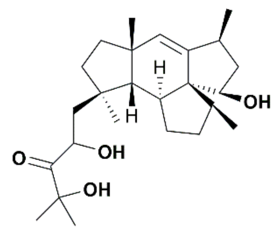
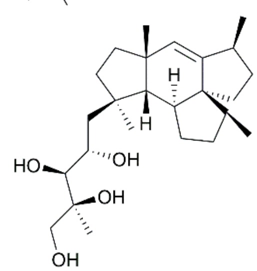
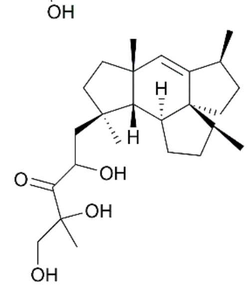
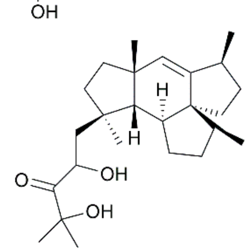
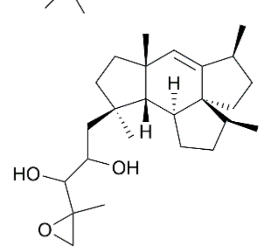
TeC-339	12-*O*-acetyl-16-deacetoxy-23-acetoxyscalarafuran		*Psammocinia* sp. [484]
TeC-340	12-*O*-deacetylscalarafuran		*Spongia* sp. [546]
TeC-341	21-hydroxy-16-deacetyl-12-*epi*-scalarafuran acetate		*Hyrtios erectus* [543]
TeC-342	salmahyrtisol B*		*Hyrtios erecta* [sic!] [532]
TeC-343	unnamed tetracarbocyclic sesterterpene (reported as compound 11)		*Hyattella* sp. [527]
TeC-344	hyatelactam		*Hyattella intestinalis* [390]
TeC-345	sesterstamide		*Hyrtios* sp. [581]

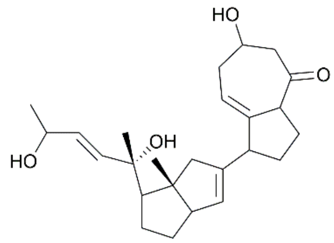
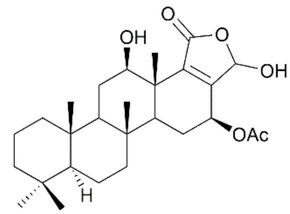
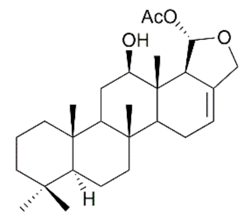
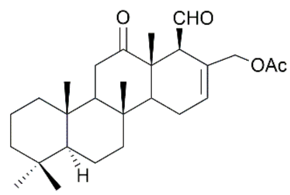
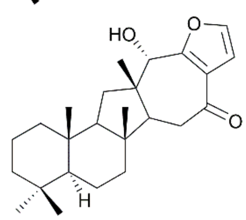
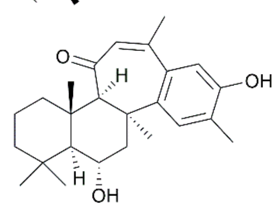
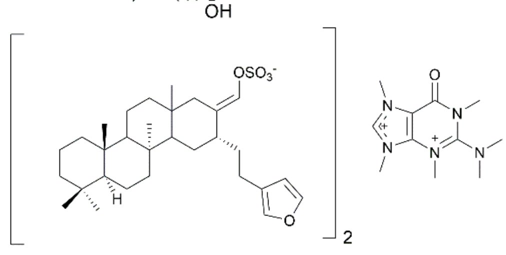
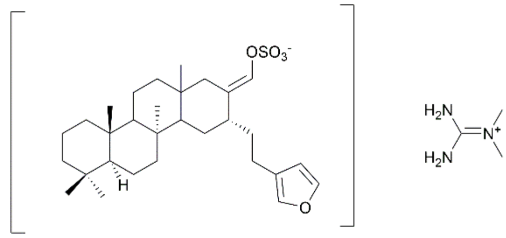
TeC-346	scalalactam A		*Spongia* sp. [582]
TeC-347	scalalactam B		*Spongia* sp. [582]
TeC-348	24-methoxypetrosaspongia C		*Hyrtios erectus* [480, 524]
TeC-349	heteronemin acetate		*Hyrtios erecta* [sic!] [505] *Hippospongia* sp. [365] *Brachiaster* sp. [111]
TeC-350	16β,22-dihydroxy-24-methyl-24-oxoscalaran-25,12β-olactone (also reported as 16β,22-dihydroxy-24-methyl-24-oxoscalaran-25,12β-olide [564] and as homoscalaralactone IIA [563])		Dictyoceratida sp. and *Halichondria* sp. [511] *Lendenfeldia* sp. [84] *Carteriospongia* sp. [512] *Lendenfeldia* sp. [516] *Phyllospongia dendyi* [564] *Lendenfeldia frondosa* [563]
TeC-351	22-acetoxy-16β-hydroxy-24-methyl-24-oxoscalarano-25,12β-lactone		*Lendenfeldia chondrodes* [514] *Lendenfeldia* sp. [84]
TeC-352	nitidasin		*Gentianella nitida* [583]

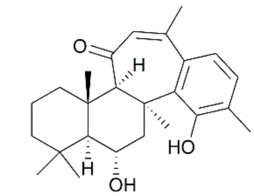
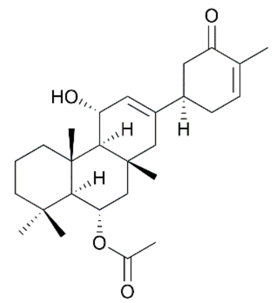
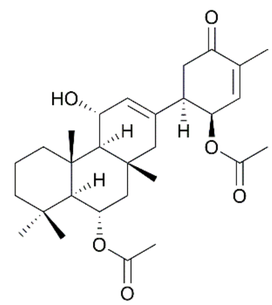
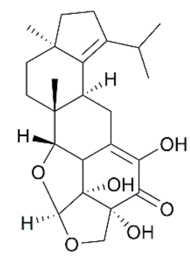
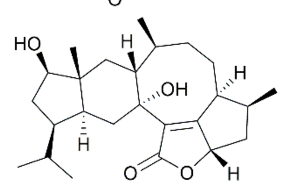
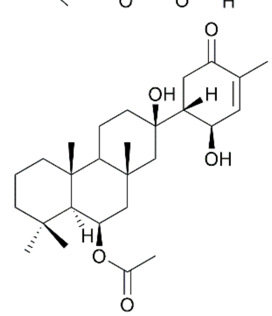
TeC-353	asperunguisin F		*Aspergillus unguis* [466]
TeC-354	phyllospongin A		*Phyllospongia lamellosa* [517]
TeC-355	phyllospongin B		*Phyllospongia lamellosa* [517]
TeC-356	phyllospongin C		*Phyllospongia lamellosa* [517]
TeC-357	unnamed tetracarbocyclic sesterterpene (reported as compound 4)		*Scalarispongia* sp. [584]
TeC-358	hyatelone C		*Hyattella intestinalis* [390]
TeC-359	cybastacine A		*Nostoc* sp. [585]

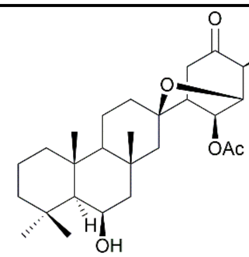
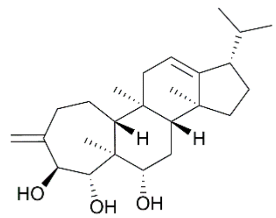
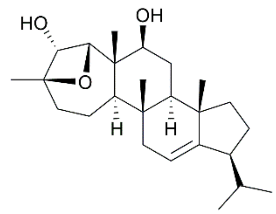
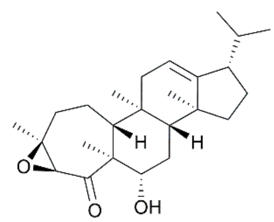
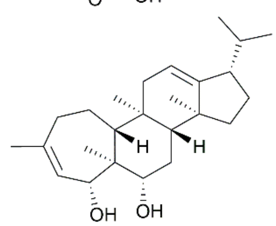
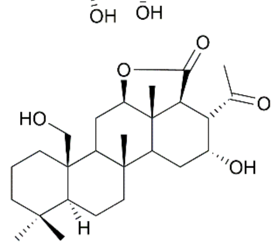
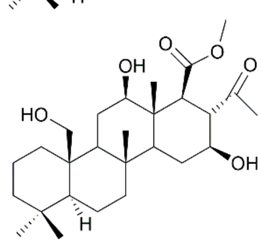
TeC-360	cybastacine B		*Nostoc* sp. [585]
TeC-361	molliorin-a		*Cacospongia mollior* [586]
TeC-362	molliorin-b		*Cacospongia mollior* [587]
TeC-363	molliorin-c		*Cacospongia mollior* [588]
TeC-364	molliorin-e		*Cacospongia mollior* [589]
TeC-365	sednolide		*Chromodoris sedna* [590]
TeC-366	scytoscalarol		*Scytonema* sp. UTEX 1163 [591]

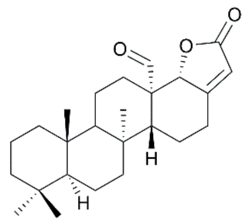
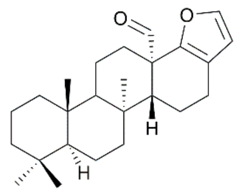
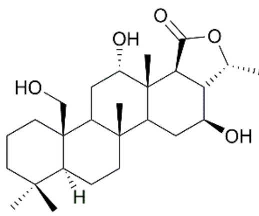
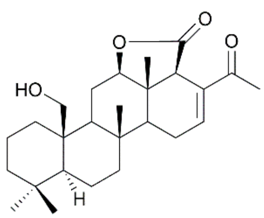
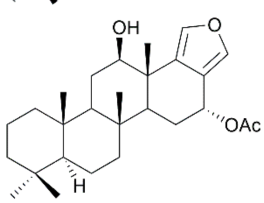
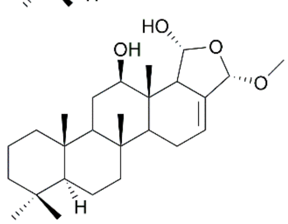
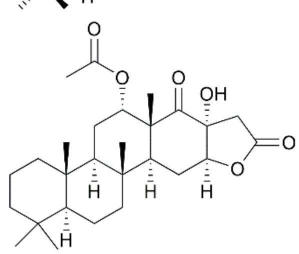
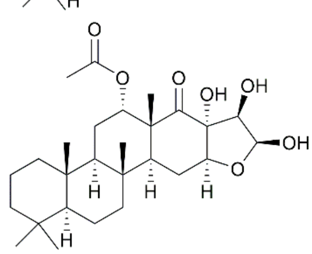
TeC-367	cerorubenic acid-III		*Ceroplastes rubens* [391]
TeC-368	inorolide A		*Chromodoris inornata* [427]
TeC-369	inorolide B		*Chromodoris inornata* [427]
TeC-370	neomangicol A		*Fusarium* spp. strain CNC-477 [592]
TeC-371	neomangicol B		*Fusarium* spp. strain CNC-477 [592]
TeC-372	neomangicol C		*Fusarium* spp. strain CNC-477 [592]
TeC-373	salmahyrtisol A		*Hyrtios erecta* [sic!] [532]

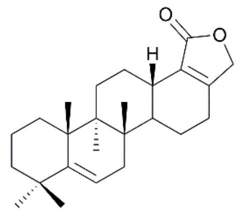
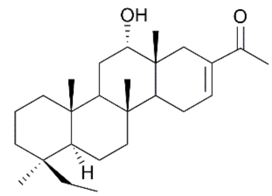
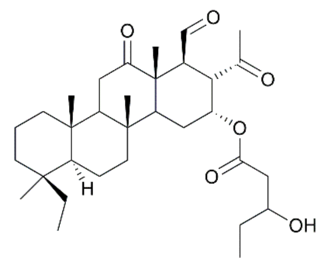
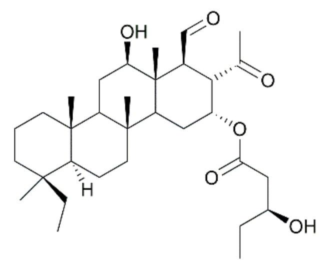
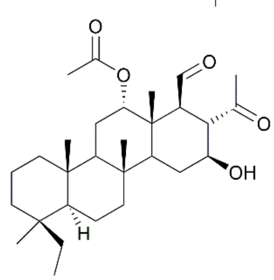
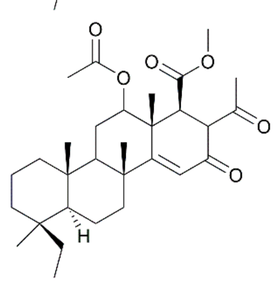
TeC-374	mangicol A		*Fusarium heterosporum* [593]
TeC-375	mangicol B		*Fusarium heterosporum* [593]
TeC-376	mangicol C		*Fusarium heterosporum* [593]
TeC-377	mangicol D		*Fusarium heterosporum* [593]
TeC-378	mangicol E		*Fusarium heterosporum* [593]
TeC-379	mangicol F		*Fusarium heterosporum* [593]
TeC-380	mangicol G		*Fusarium heterosporum* [593]

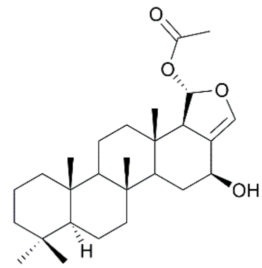
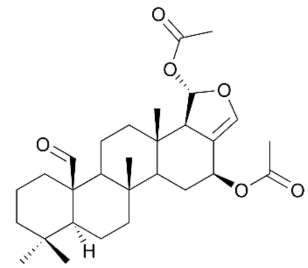
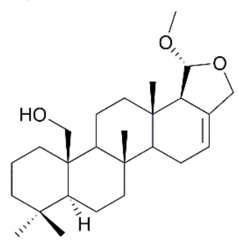
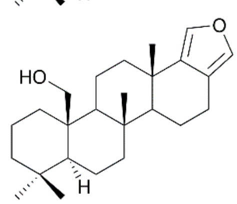
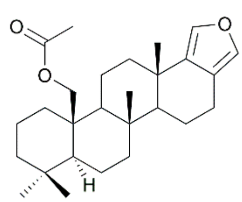
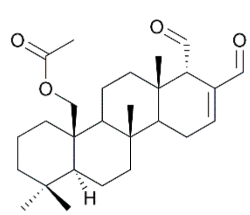
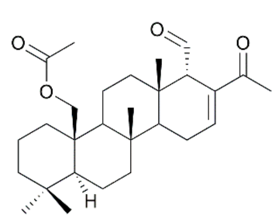
TeC-381	cyclocitrinol		*Penicillium citrinum* [594]
TeC-382	12β,20-dihydroxy-16β-acetoxy-17-scalaren-19,20-olide		*Hyrtios gumminae* [530]
TeC-383	19-acetyl-12-deacetyl-12-*epi*-deoxoscalarin		*Glossodoris hikuerensis* [528]
TeC-384	unnamed tetracarbocyclic sesterterpene (reported as compound 2)		*Glossodoris hikuerensis* [528]
TeC-385	hippospongide A		*Hippospongia* sp. [365]
TeC-386	phorone A		*Phorbas* sp. [399]
TeC-387	suvanine N,N-dimethyl-1,3-dimethylherbipoline salt		*Coscinoderma* sp. [308]
TeC-388	suvanine N,N-dimethylguanidium salt		*Coscinoderma* sp. [308]

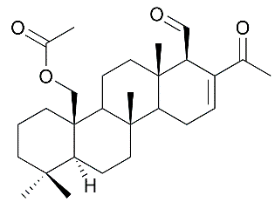
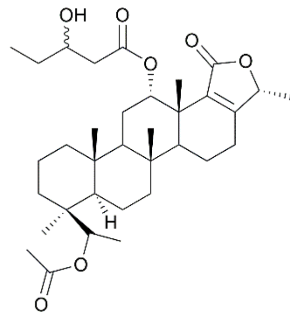
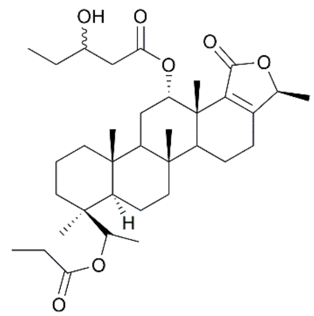
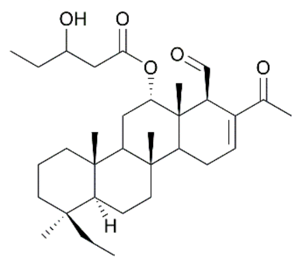
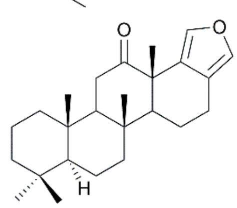
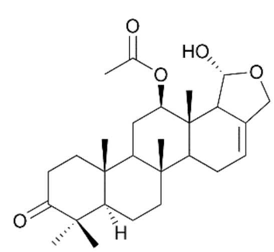
TeC-389	phorone B		*Clathria gombawuiensis* [401]
TeC-390	anvilone A		*Phorbas* sp. [163]
TeC-391	anvilone B		*Phorbas* sp. [163]
TeC-392	erinacine S		*Hericium erinaceus* [595]
TeC-393	sesteralterin		*Alternaria alternata* [596]
TeC-394	19-*epi*-isosuberitenone B		*Phorbas areolatus* [467]

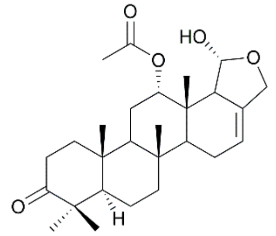
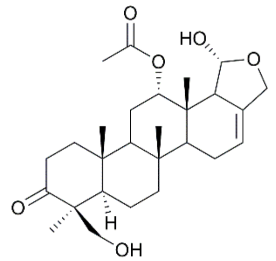
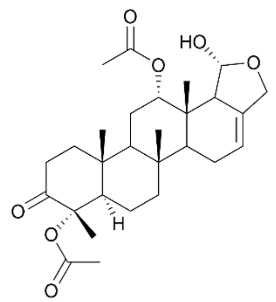
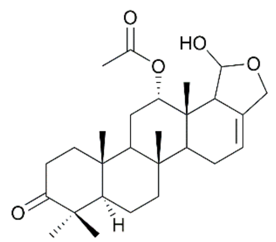
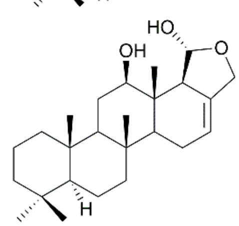
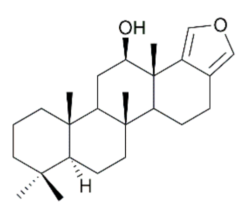
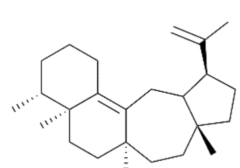
TeC-395	isoxaspirosuberitenone		*Phorbas areolatus* [467]
TeC-396	asperunguisin A		*Aspergillus unguis* [466]
TeC-397	asperunguisin C		*Aspergillus unguis* [466]
TeC-398	asperunguisin D		*Aspergillus unguis* [466]
TeC-399	asperunguisin E		*Aspergillus unguis* [466]
TeC-400	epihomoscalaralactone IIA		*Lendenfeldia frondosa* [563]
TeC-401	homoscalarate II		*Lendenfeldia frondosa* [563]

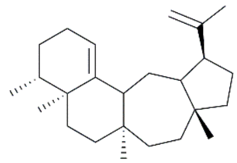
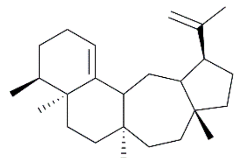
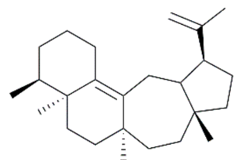
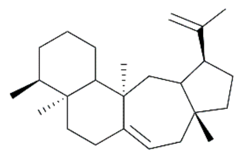
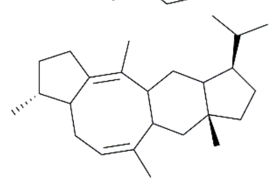
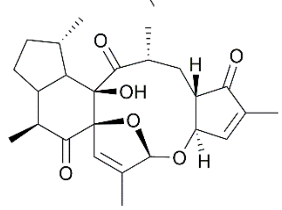
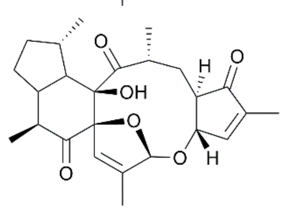
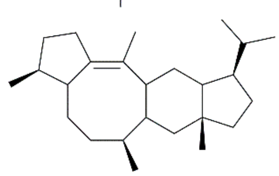
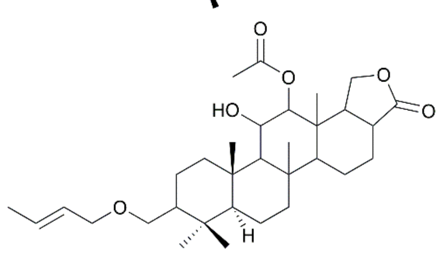
TeC-402	coscinalactone		*Coscinoderma mathewsi* [414]
TeC-403	coscinafuran		*Coscinoderma mathewsi* [414]
TeC-404	12β,16β,22-trihydroxy-24*R*-methylscalar-25β,24α-olide		*Lendenfeldia frondosa* [565]
TeC-405	22-hydroxy-24-methylsedn-16-en-24-one-12β,25β -olide		*Lendenfeldia frondosa* [565]
TeC-406	unnamed tetracarbocyclic sesterterpene (reported as compound 1)		*Hyrtios* sp. [535]
TeC-407	unnamed tetracarbocyclic sesterterpene (reported as compound 2)		*Hyrtios* sp. [535]
TeC-408	hyatelone A		*Hyattella intestinalis* [390]
TeC-409	hyatelone B		*Hyattella intestinalis* [390]

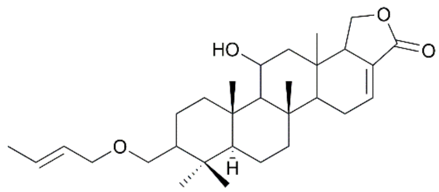
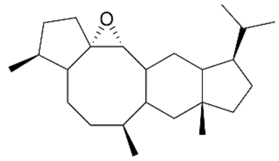
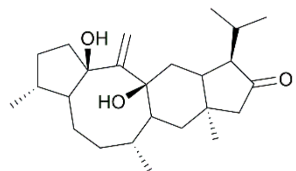
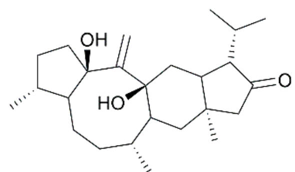
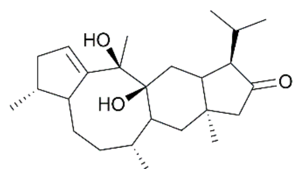
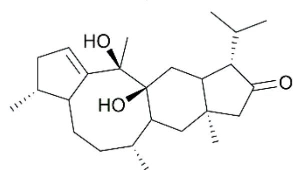
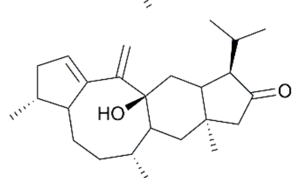
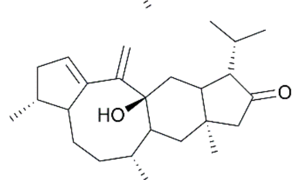
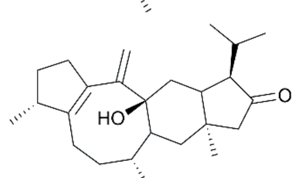
TeC-410	corallocarpscalarolide		*Corallocarpus epigaeus* [597]
TeC-411	phyllofenone A		*Phyllospongia foliascens* [598]
TeC-412	dehydrofoliaspongin		*Phyllospongia foliascens* [93]
TeC-413	phyllofoliaspongin		*Phyllospongia foliascens* [93]
TeC-414	12α-acetoxy-16β-hydroxy-20,24-dimethyl-24-oxoscalar-25-al		*Carteriospongia foliascens* [495, 599]
TeC-415	methyl 12α-acetoxy-20,24-dimethyl-16,24-dioxoscalara-14,17-dien-25-oate		*Carteriospongia foliascens* [600]

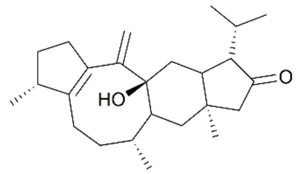
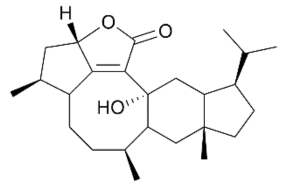
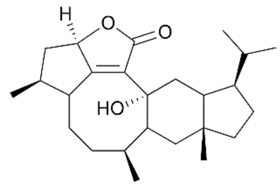
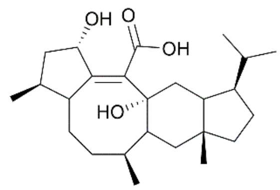
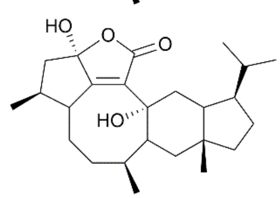
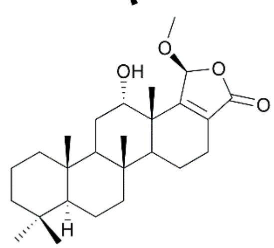
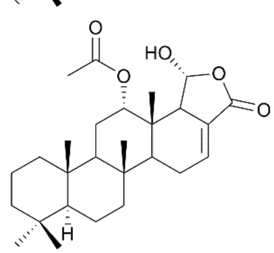
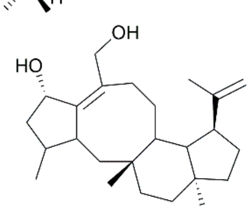
TeC-416	unnamed tetracarbocyclic sesterterpene (12-deacetyl derivative of scalarin) (reported as compound 5)		*Smenospongia* sp. [33]
TeC-417	unnamed tetracarbocyclic sesterterpene (reported as compound 6)		*Smenospongia* sp. [33]
TeC-418	unnamed tetracarbocyclic sesterterpene (reported as compound 8)		*Smenospongia* sp. [33]
TeC-419	unnamed tetracarbocyclic sesterterpene (reported as compound 9)		*Smenospongia* sp. [33]
TeC-420	unnamed tetracarbocyclic sesterterpene (reported as compound 10)		*Smenospongia* sp. [33]
TeC-421	unnamed tetracarbocyclic sesterterpene (reported as compound 11)		*Smenospongia* sp. [33]
TeC-422	unnamed tetracarbocyclic sesterterpene (reported as compound 12)		*Smenospongia* sp. [33]

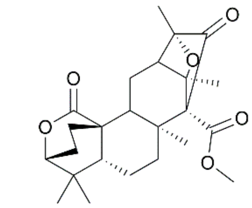
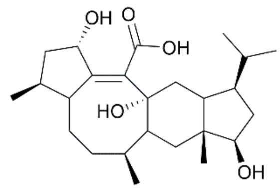
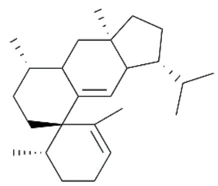
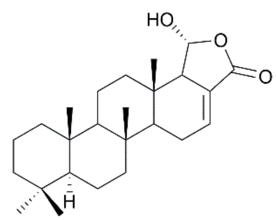
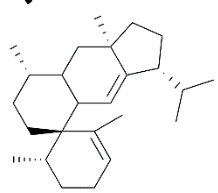
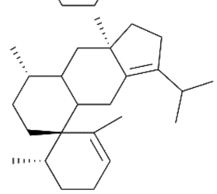
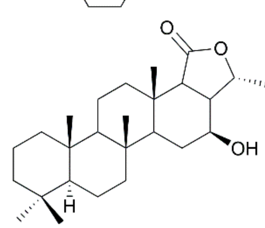
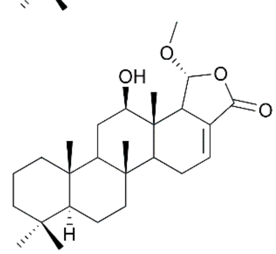
TeC-423	unnamed tetracarbocyclic sesterterpene (reported as compound 13)		*Smenospongia* sp. [33]
TeC-424	honulactone J		*Strepsichordaia aliena* [560]
TeC-425	honulactone K		*Strepsichordaia aliena* [560]
TeC-426	12α-(3*R*'-hydroxybutanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al		*Strepsichordaia lendenfeldi* [488]
TeC-427	12,16-deacetoxy-12-oxo-scalarafuran		*Glossodoris pallida* [479] *Glossodoris averni* [479]
TeC-428	12-*epi*-deoxoscalarin-3-one		*Chromodoris inornata* [601]

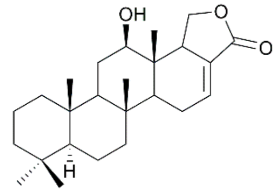
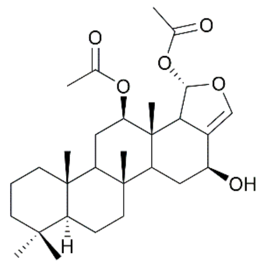
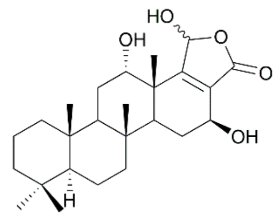
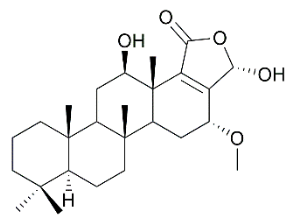
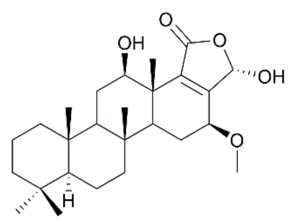
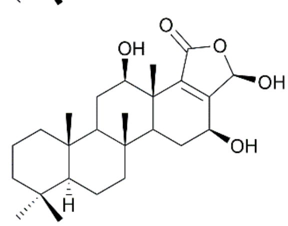
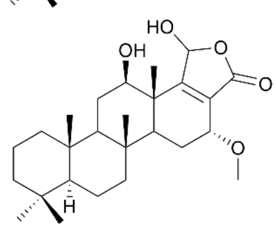
TeC-429	deoxoscalarin-3-one		*Chromodoris inornata* [601]
TeC-430	21-hydroxydeoxoscalarin		*Chromodoris inornata* [601]
TeC-431	21-acetoxydeoxoscalarin		*Chromodoris inornata* [601]
TeC-432	ketodeoxoscalarin		*Chromodoris funerea* [130]
TeC-433	12-deacetyl-12-*epi*-deoxoscalarin		*Glossodoris atromarginata* [537] *Glossodoris pallida* [479] *Glossodoris hikuerensis* [528]
TeC-434	16-deacetoxy-scalarafuran		*Glossodoris vespa* [479]
TeC-435	(-)-caprudiene A		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]

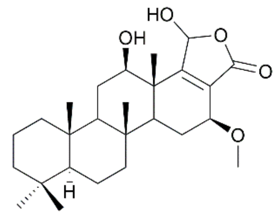
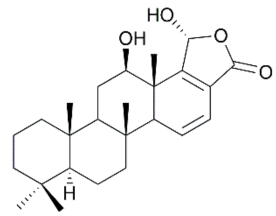
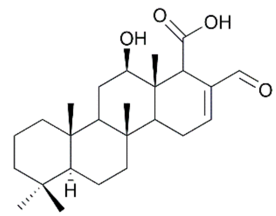
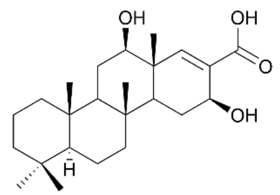
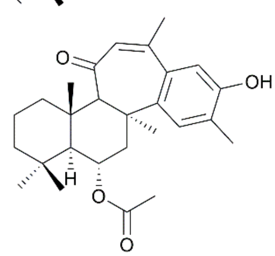
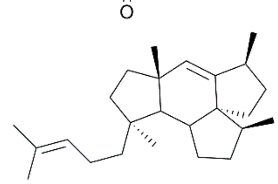
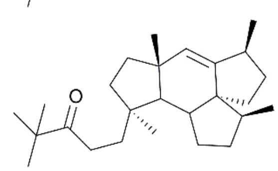
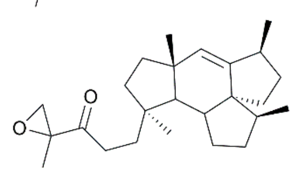
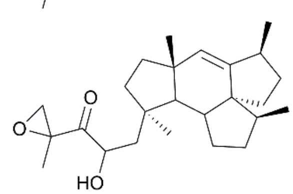
TeC-436	(+)-braparadiene A		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
TeC-437	(-)-braparadiene B		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
TeC-438	(-)-arathanadiene A		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
TeC-439	(-)-arathanadiene B		*Nicotiana benthamiana/Agrobacterium tumefaciens* [265]
TeC-440	sesterevisene		*Escherichia coli* strain DH10B/*Saccharomyces cerevisiae* YZL141 [602]
TeC-441	eurysoloid A		*Eurysolen gracilis* [603]
TeC-442	eurysoloid B		*Eurysolen gracilis* [603]
TeC-443	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 1)		*Alternaria alternata* [604]
TeC-444	erectascalarane A		*Hyrtios erectus* [605]

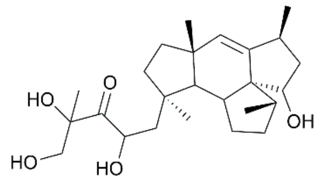
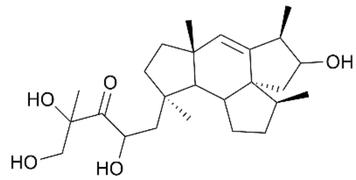
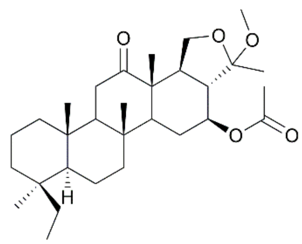
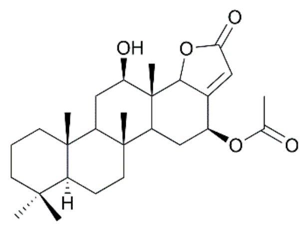
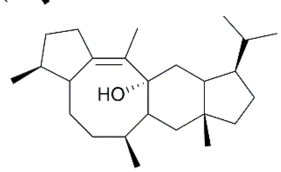
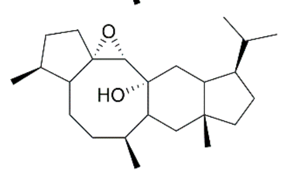
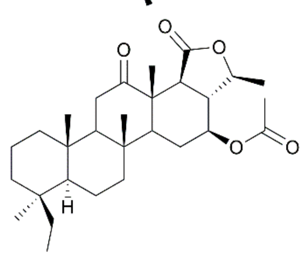
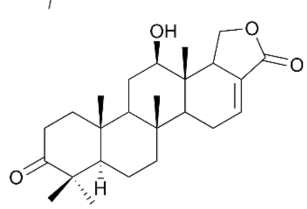
TeC-445	erectascalarane B		*Hyrtios erectus* [605]
TeC-446	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 2)		*Alternaria alternata* [604]
TeC-447	gentianelloid C		*Gentianella turkestanorum* [434]
TeC-448	18-*epi*-gentianelloid C		*Gentianella turkestanorum* [434]
TeC-449	gentianelloid D		*Gentianella turkestanorum* [434]
TeC-450	18-*epi*-gentianelloid D		*Gentianella turkestanorum* [434]
TeC-451	gentianelloid E		*Gentianella turkestanorum* [434]
TeC-452	18-*epi*-gentianelloid E		*Gentianella turkestanorum* [434]
TeC-453	gentianelloid F		*Gentianella turkestanorum* [434]

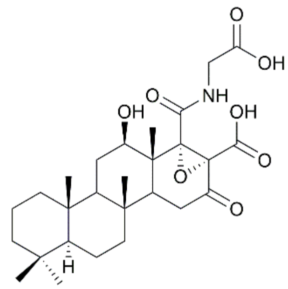
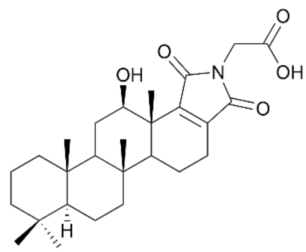
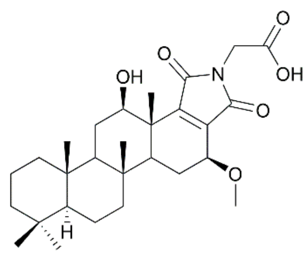
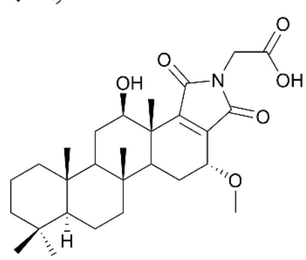
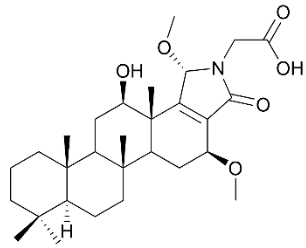
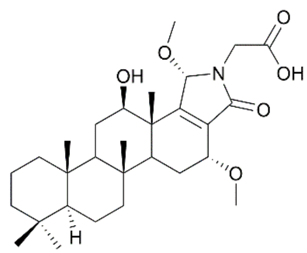
TeC-454	18-*epi*-gentianelloid F		*Gentianella turkestanorum* [434]
TeC-455	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 3)		*Alternaria alternata* [604]
TeC-456	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 4)		*Alternaria alternata* [604]
TeC-457	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 5)		*Alternaria alternata* [604]
TeC-458	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 6)		*Alternaria alternata* [604]
TeC-459	dysiscalarone D		*Dysidea granulosa* [606]
TeC-460	dysiscalarone E		*Dysidea granulosa* [606]
TeC-461	spectanoid H		*Aspergillus spectabilis* [438]

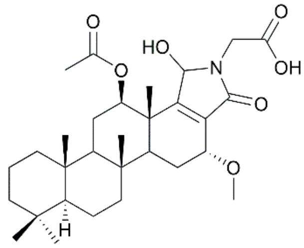
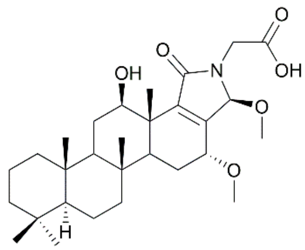
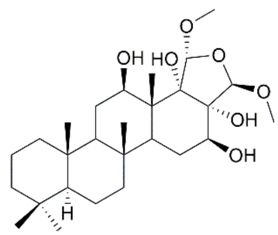
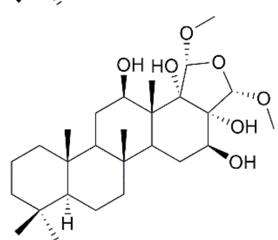
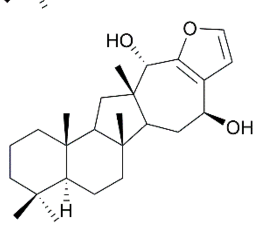
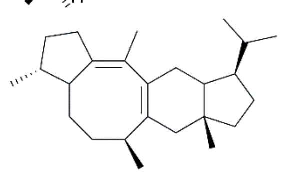
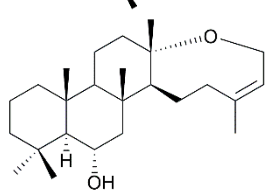
TeC-462	unnamed tetracarbocyclic sesterterpene (reported as compound 1)		Endophytic fungus of the La Encrucijada tropical mangrove of Tapachula (Chiapas, Mexico) [607]
TeC-463	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 7)		*Alternaria alternata* [604]
TeC-464	sesterviolene A		*Streptomyces violens* [273]
TeC-465	deacetoxyscalarin		*Spongia* sp. [536]
TeC-466	sesterviolene C		*Streptomyces violens* [273]
TeC-467	sesterviolene D		*Streptomyces violens* [273]
TeC-468	12α-acetoxy-16β-hydroxy-20,24-dimethyl-25-norscalarane-18,24-carbolactone		*Carteriospongia foliascens* [495]
TeC-469	12-*O*-deacetyl-19α-methoxy-12-*epi*-scalarin		*Hyrtios erectus* [545]

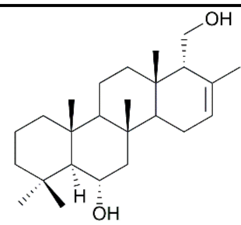
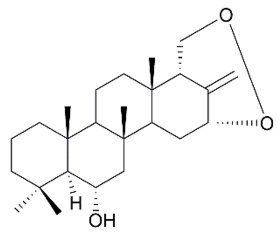
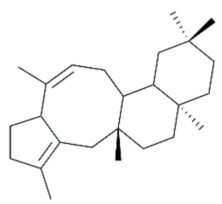
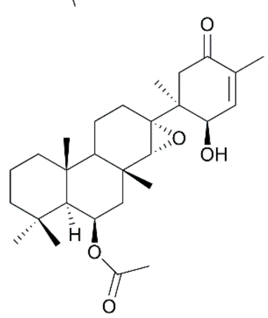
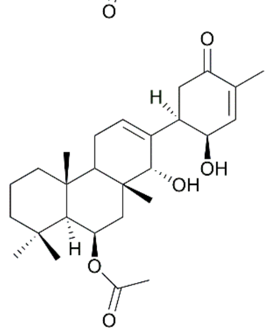
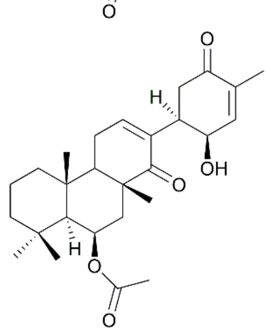
TeC-470	25-dehydroxy-12-*epi*-deacetylscalarin		*Heteronema erecta* [608] *Hyatella cribriformis* [547]
TeC-471	hyrtiosin F		*Hyrtios erectus* [609]
TeC-472	hyrtiosin G		*Hyrtios erectus* [609]
TeC-473	12β,20β-dihydroxy-16α-methoxy-17-scalaren-19,20-olide		*Hyrtios erectus* [610]
TeC-474	12β,20α-dihydroxy-16β-methoxy-17-scalaren-19,20-olide		*Hyrtios erectus* [610]
TeC-475	12β,16β,20β-trihydroxy-17-scalaren-19,20-olide		*Hyrtios erectus* [610]
TeC-476	12β,19α(β)-dihydroxy-16α-methoxy-17-scalaren-19,20-olide		*Hyrtios erectus* [610]

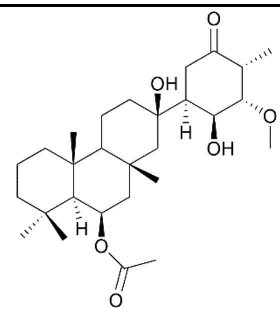
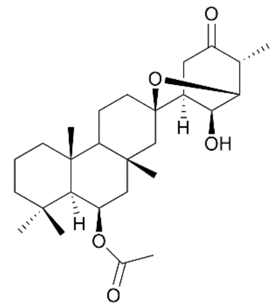
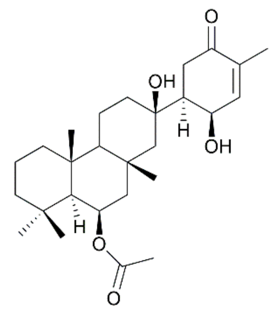
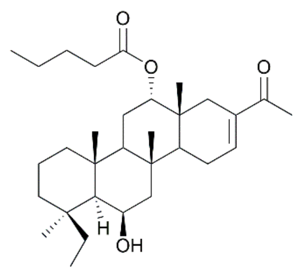
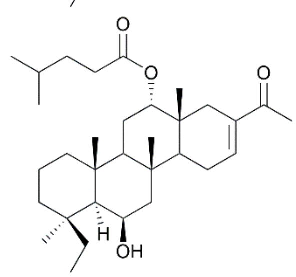
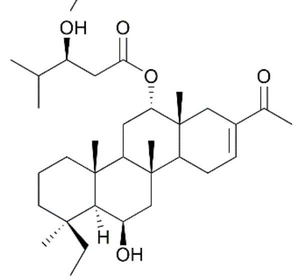
TeC-477	12β,19α(β)-dihydroxy-16β-methoxy-17-scalaren-19,20-olide		*Hyrtios erectus* [610]
TeC-478	12β,19α-dihydroxy-14,15-dehydrate-17-scalaren-19,20-olide		*Hyrtios erectus* [610]
TeC-479	12-deacetyl-18-*epi*-carboxylic-12-*epi*-scalaral		*Hyrtios erectus* [610]
TeC-480	2-*O*-deacetyl-12,16-di-*epi*-norscalaral B		*Hyrtios erectus* [610]
TeC-481	phorone C		*Phorbas* sp. [443]
TeC-482	mangicdiene		*Aspergillus oryzae* [611] *Escherichia coli* [160]
TeC-483	mangicol H		*Aspergillus oryzae* [611]
TeC-484	mangicol I		*Aspergillus oryzae* [611]
TeC-485	mangicol J		*Aspergillus oryzae* [611]

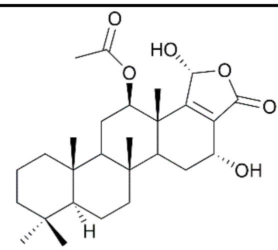
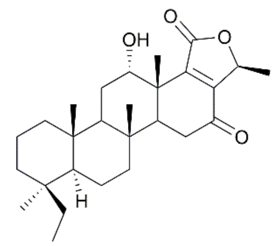
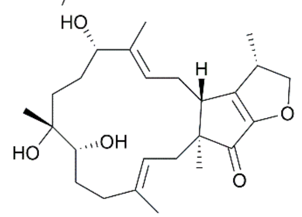
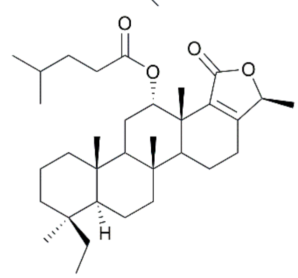
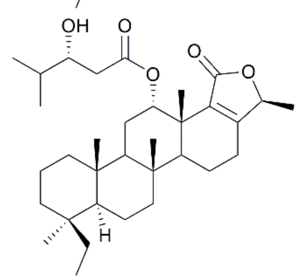
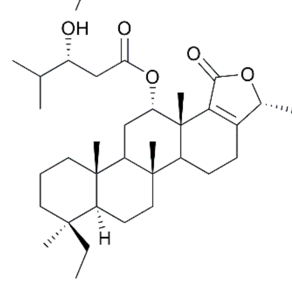
TeC-486	mangicol K		*Aspergillus oryzae* [611]
TeC-487	mangicol L		*Aspergillus oryzae* [611]
TeC-488	phylloketal		*Phyllospongia foliascens* [612]
TeC-489	16-*epi*-scalarole (16-*epi*-scalarolbutenolide)		*Hyrtios erecta* [529]
TeC-490	sesteraltererol		*Alternaria alternata MB-30/Leucosceptrum canum* [272]
TeC-491	10,11-epoxysesteraltererol		*Alternaria alternata MB-30/Leucosceptrum canum* [272]
TeC-492	acetoxyphyllofolactone A		*Phyllospongia foliascens* [613]
TeC-493	12-deacetyl-3-oxoscalarin		*Hyrtios erectus* [614]

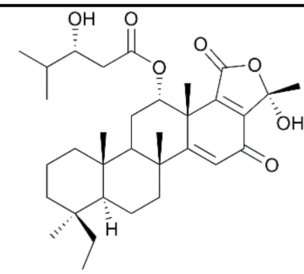
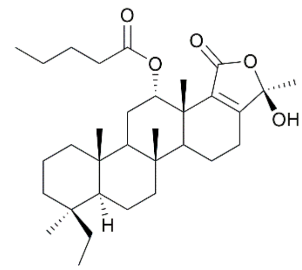
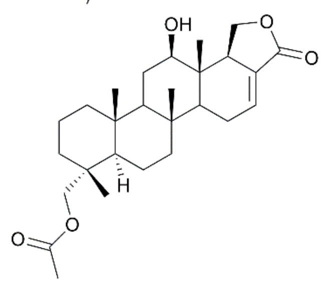
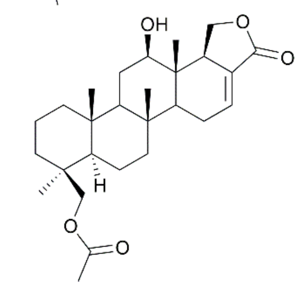
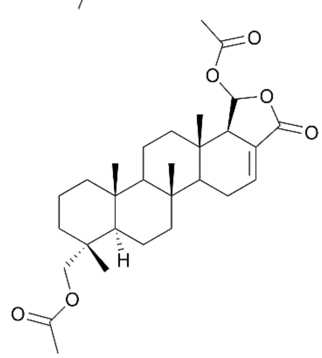
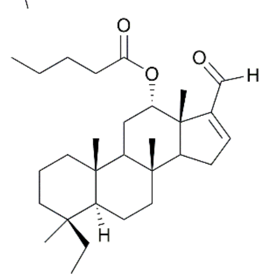
TeC-494	hyrtioscalarin A		*Hyrtios erectus* [614]
TeC-495	hyrtioscalarin B		*Hyrtios erectus* [614]
TeC-496	hyrtioscalarin C		*Hyrtios erectus* [614]
TeC-497	hyrtioscalarin D		*Hyrtios erectus* [614]
TeC-498	hyrtioscalarin E		*Hyrtios erectus* [614]
TeC-499	hyrtioscalarin F		*Hyrtios erectus* [614]

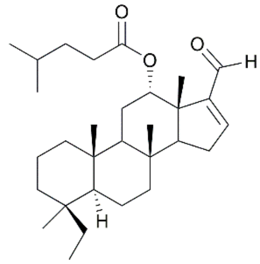
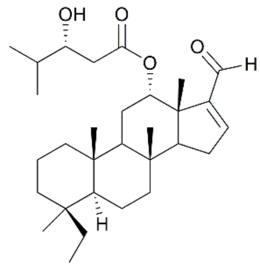
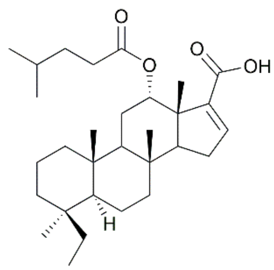
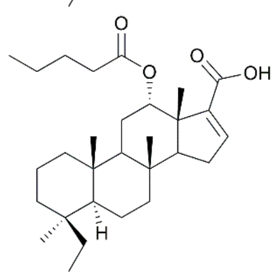
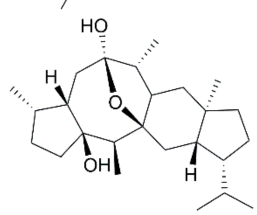
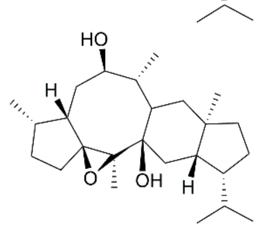
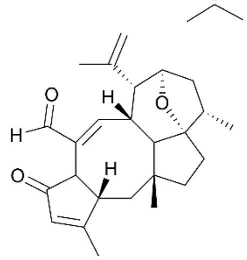
TeC-500	hyrtioscalarin G		*Hyrtios erectus* [614]
TeC-501	hyrtioscalarin H		*Hyrtios erectus* [614]
TeC-502	17(*R*),18(*S*)-dihydroxy-19(*R*),20(*S*)-dimethoxysesterstatin 5		*Hyrtios erectus* [614]
TeC-503	17(*R*),18(*S*)-dihydroxy-19(*R*),20(*R*)-dimethoxysesterstatin 5		*Hyrtios erectus* [614]
TeC-504	salmahyrtisol B*		*Hyrtios erectus* [614]
Tec-505	Bm2		*Aspergillus oryzae* [267]
Tec-506	(17*Z*)-13,19-epoxycheilanth-17-en-6α-ol		*Aleuritopteris mexicana* [615]

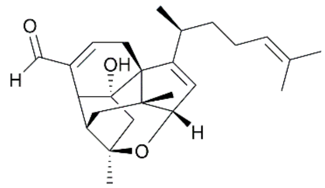
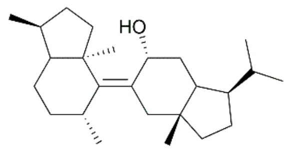
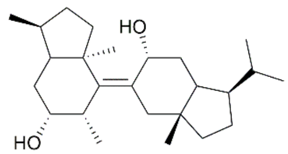
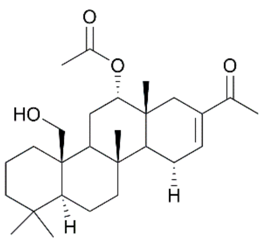
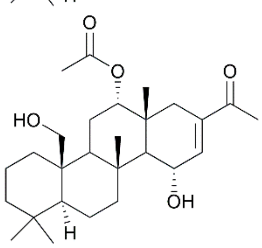
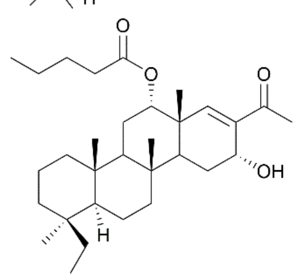
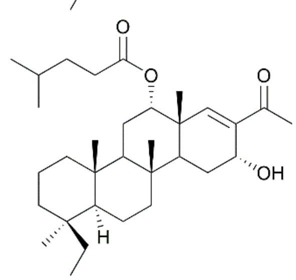
Tec-507	18-episcalar-16-ene-6α,19-diol		*Aleuritopteris mexicana* [615]
Tec-508	16α,19-epidioxy-18-episcalar-17(25)-en-6α -ol		*Aleuritopteris mexicana* [615]
Tec-509	unamed 5-8-6-6 tetracyclic sesterterpene (reported as compound 56)		*Escherichia coli* [160]
Tec-510	suberitenone E		*Suberites* sp. [447]
Tec-511	suberitenone F		*Suberites* sp. [447]
Tec-512	suberitenone G		*Suberites* sp. [447]

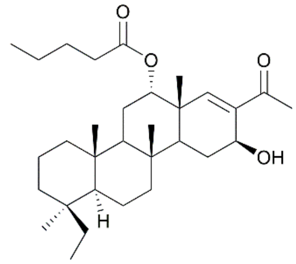
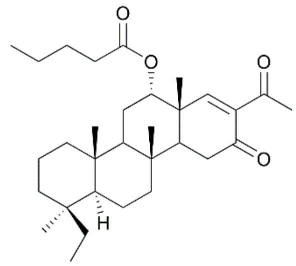
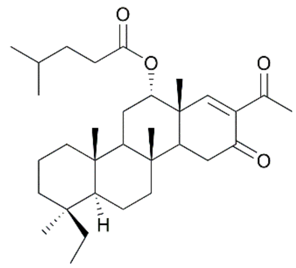
Tec-513	suberitenone H		*Suberites* sp. [447]
Tec-514	suberitenone I		*Suberites* sp. [447]
Tec-515	suberitenone J		*Suberites* sp. [447]
Tec-516	phyllofenone F		*Phyllospongia foliascens* [616]
Tec-517	phyllofenone G		*Phyllospongia foliascens* [616]
Tec-518	phyllofenone H		*Phyllospongia foliascens* [616]

Tec-519	12-β-O-acetylhyrtiolide		*Sarcotragus* sp. [278]
Tec-520	phyllofolactone N		*Phyllospongia foliascens* [617]
Tec-521	phyllofolactone O		*Phyllospongia foliascens* [617]
Tec-522	phyllofolactone P		*Phyllospongia foliascens* [617]
Tec-523	phyllofolactone Q		*Phyllospongia foliascens* [617]
Tec-524	phyllofolactone R		*Phyllospongia foliascens* [617]

Tec-525	phyllofolactone S		*Phyllospongia foliascens* [617]
Tec-526	phyllofolactone T		*Phyllospongia foliascens* [617]
Tec-527	hyrtiosin H		*Hyrtios erecta* [sic!] [618]
Tec-528	hyrtiosin I		*Hyrtios erecta* [sic!] [618]
Tec-529	hyrtiosin J		*Hyrtios erecta* [sic!] [618]
Tec-530	phyllospongiane A		*Phyllospongia foliascens* [616]

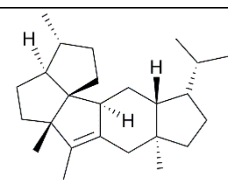
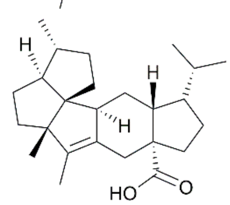
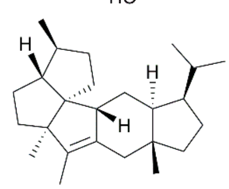
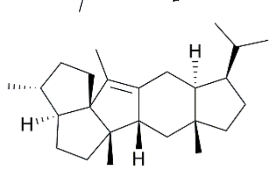
Tec-531	phyllospongiane B		*Phyllospongia foliascens* [616]
Tec-532	phyllospongiane C		*Phyllospongia foliascens* [616]
Tec-533	phyllospongiane D		*Phyllospongia foliascens* [616]
Tec-534	phyllospongiane E		*Phyllospongia foliascens* [616]
Tec-535	sesterchaetin A		*Chaetomium globosum* SD-347 [619]
Tec-536	sesterchaetin B		*Chaetomium globosum* SD-347 [619]
Tec-537	bipoladien A		*Bipolaris maydis* [451]

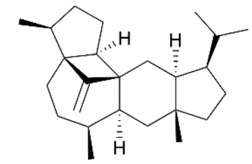
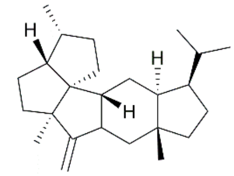
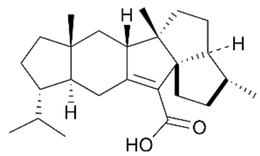
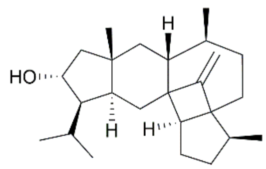
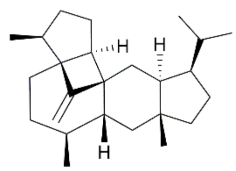
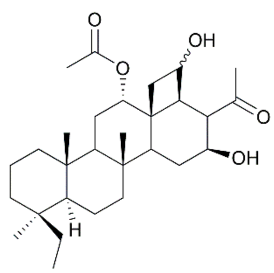
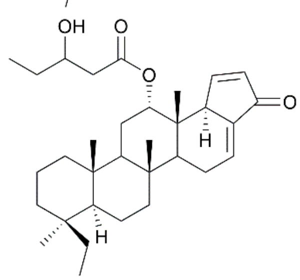
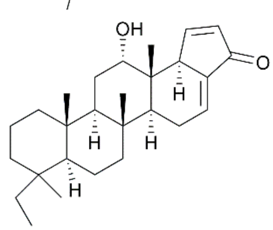
Tec-538	bipoladien B		*Bipolaris maydis* [451]
Tec-539	emerindanol A		*Emericella* sp. XL-029 [620]
Tec-540	emerindanol B		*Emericella* sp. XL-029 [620]
Tec-541	felixin A		*Lendenfeldia* sp. [621]
Tec-542	lendenfeldarane V		*Lendenfeldia* sp. [621]
Tec-543	phyllofenone I		*Phyllospongia foliascens* [616]
Tec-544	phyllofenone J		*Phyllospongia foliascens* [616]

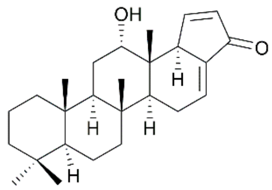
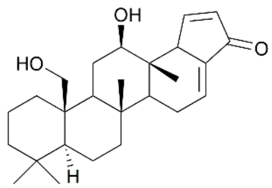
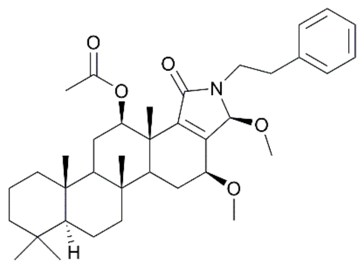
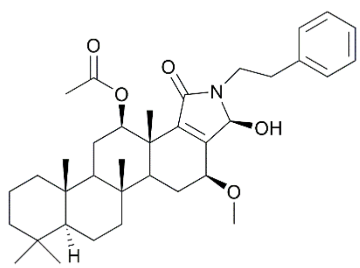
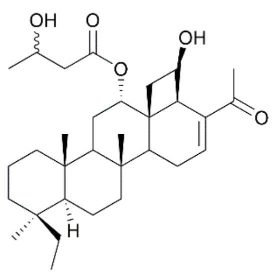
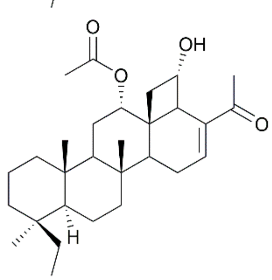
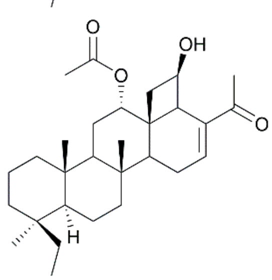
Tec-545	phyllofenone K		*Phyllospongia foliascens* [616]
Tec-546	phyllofenone L		*Phyllospongia foliascens* [616]
Tec-547	phyllofenone M		*Phyllospongia foliascens* [616]

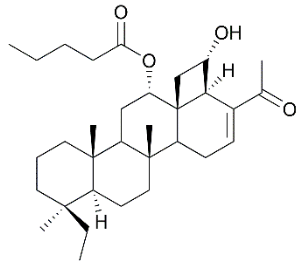
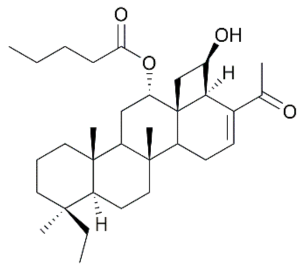
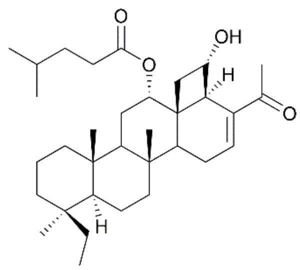
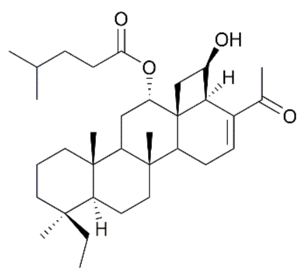
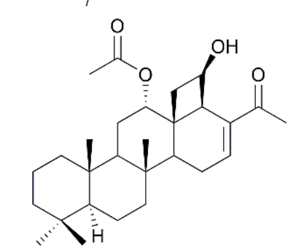
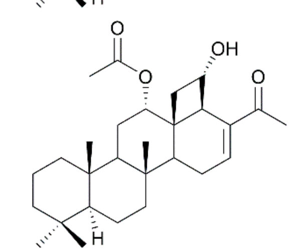
*The same name was used for two different compounds

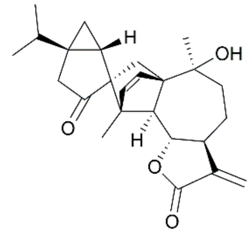
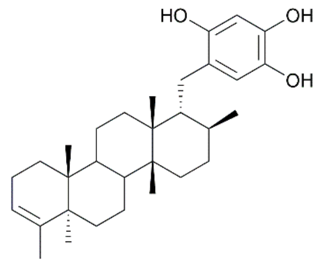
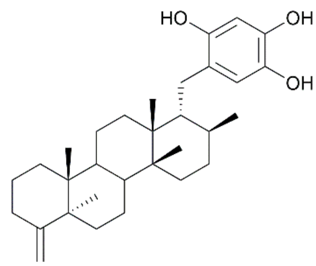
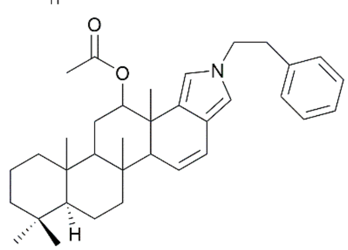
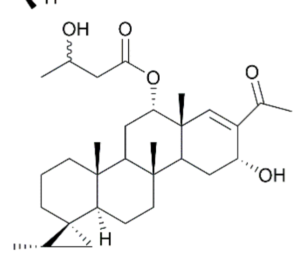
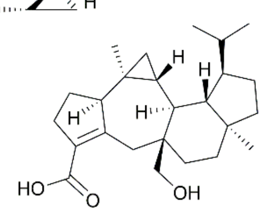
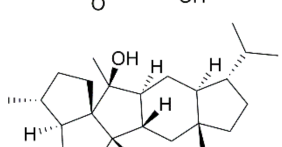
Section 1.9. Structures of pentacarbocyclic (PC) sesterterpenoids (with and without hetherocycles)

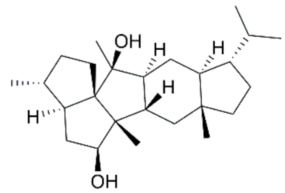
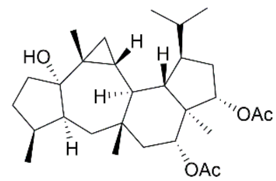
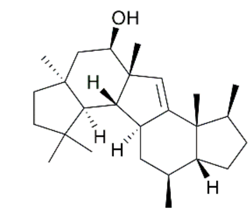
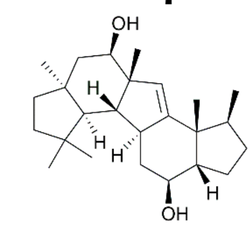
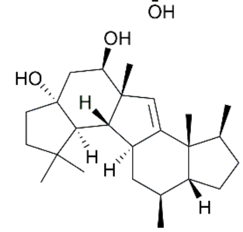
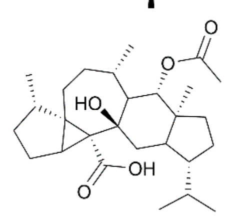
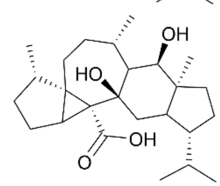
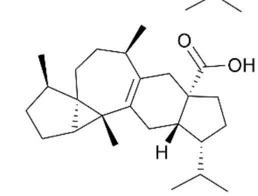
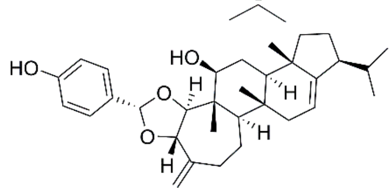
c. n.	IUPAC name or Trivial name	Structure	Organism as reported in the reference (reference)
PC-1	quiannulatene		*Emericella variecolor* [622]
PC-2	quiannulatic acid		*Emericella variecolor* [622]
PC-3	(−)-*ent*-quiannulatene		*Arabidopsis thaliana* [266] *Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
PC-4	(−)-retigeranin B		*Arabidopsis thaliana/Escherichia coli* [266, 357] *Nicotiana benthamiana/Agrobacterium tumefaciens* [266]

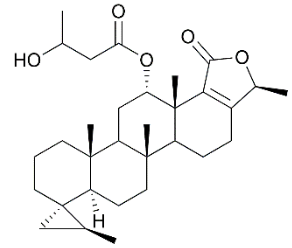
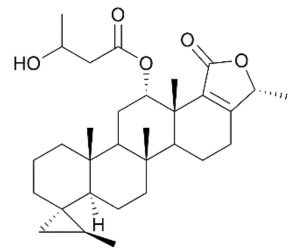
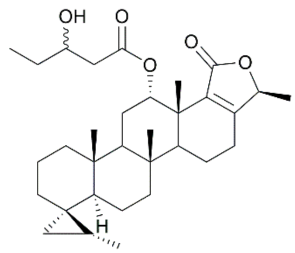
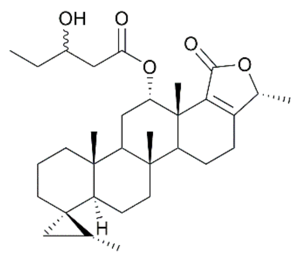
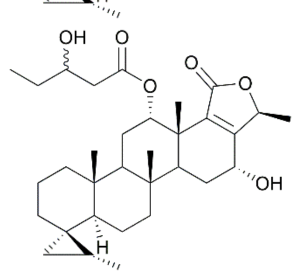
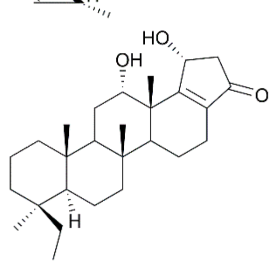
PC-5	(+)-astallatene		*Arabidopsis thaliana/Escherichia coli* [623] *Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
PC-6	(+)-boleracene		*Nicotiana benthamiana/Agrobacterium tumefaciens* [266]
PC-7	retigeranic acid A		*Lobaria isidiosa* var. *subisidiosa* [624, 625] *Lobaria retigera* [626] *Lobaria subretigera* [626]
PC-8	astellatol		*Aspergillus variecolor* (syn. *A. stellatus*) [627]
PC-9	(+)-astellatene		*Nicotiana benthamiana/Arabidopsis thaliana* [266]
PC-10	12α-acetoxy-23,25-cycle-16β,25*Z*-dihydroxy-20,24-dimethyl-oxoscalarane		*Carteriospongia foliascens* [495]
PC-11	carteriofenone J		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
PC-12	phyllofenone B		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [557]

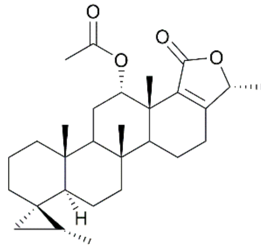
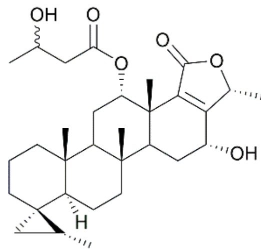
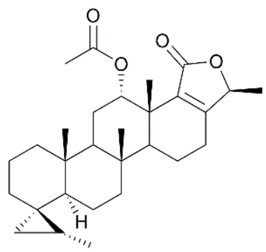
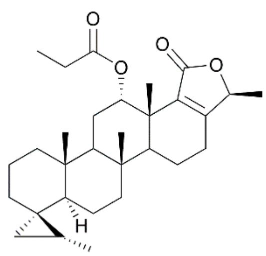
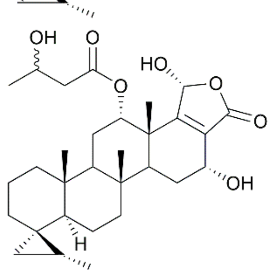
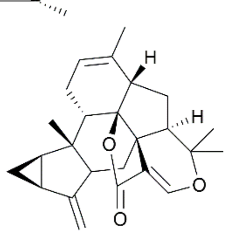
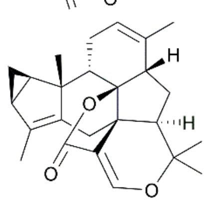
PC-13	phyllofenone D		*Phyllospongia foliascens* [518]
PC-14	12β,22-dihydroxy-24-oxo-24-homoscalara-16,25(26)-diene		*Carteriospongia* sp. [512]
PC-15	scalalactam C		*Spongia* sp. [582]
PC-16	scalalactam D		*Spongia* sp. [582]
PC-17	unnamed pentacarbocyclic sesterterpene (reported as compound 2)		*Dysidea granulosa* [370]
PC-18	12α-acetoxy-13β,18β-cyclobutane-20,24-dimethyl-24-oxoscalar-16-en-25α-ol		*Phyllospongia papyracea* [489]
PC-19	12α-acetoxy-13β,18β-cyclobutane-20,24-dimethyl-24-oxoscalar-16-en-25β-ol		*Phyllospongia papyracea* [489] *Phyllospongia lamellosa* [517]

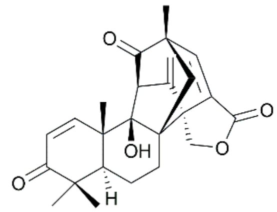
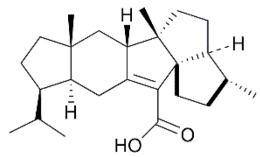
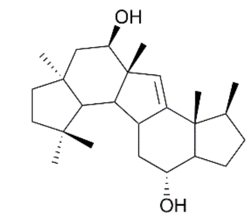
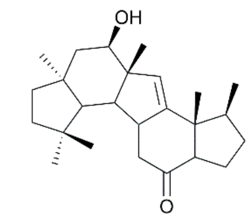
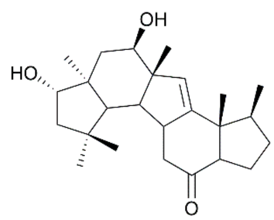
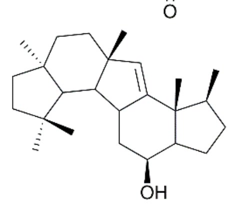
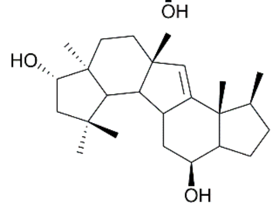
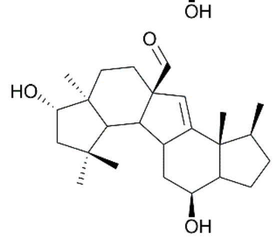
PC-20	carteriofenone E		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
PC-21	carteriofenone F		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
PC-22	carteriofenone G		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
PC-23	carteriofenone H		*Carteriospongia* (syn. *Phyllospongia*) *foliascens* [476]
PC-24	phyllospongin D		*Phyllospongia lamellosa* [517]
PC-25	phyllospongin E		*Phyllospongia lamellosa* [517]

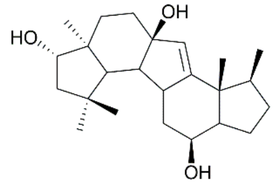
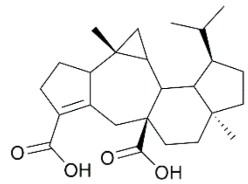
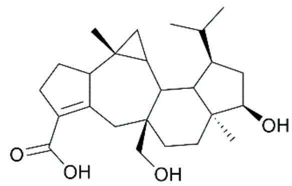
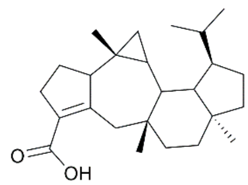
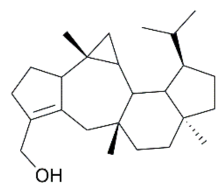
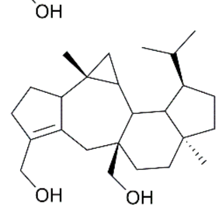
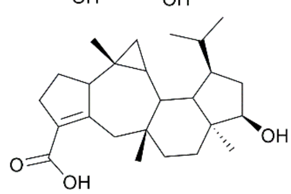
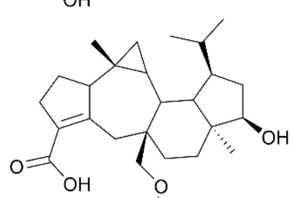
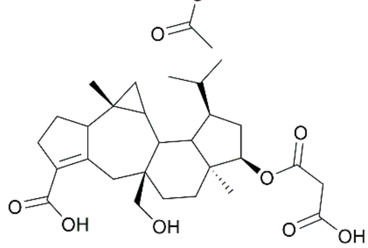
PC-26	isoartemisolide		*Artemisia argyi* [628]
PC-27	toxistylide-A		*Microciona toxistyla* [629]
PC-28	toxistilyde-B		*Microciona toxistyla* [629]
PC-29	molliorin-d		*Cacospongia mollior* [589]
PC-30	unnamed pentacarbocyclic sesterterpene (reported as compound 4)		*Dysidea granulosa* [370]
PC-31	asperterpenoid A		*Aspergillus* sp. 16-5c [630]
PC-32	retigeran-11-ol		*Leprocaulon microscopicum* [631]

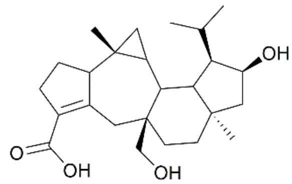
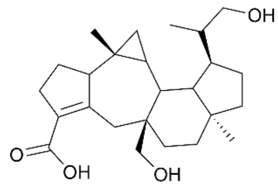
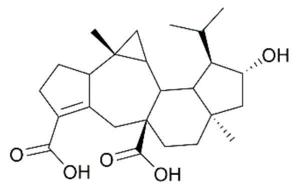
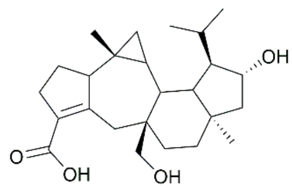
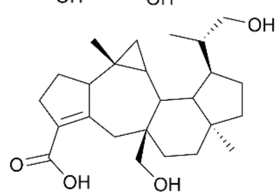
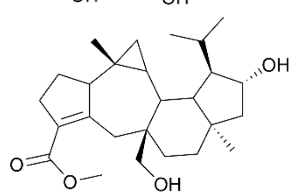
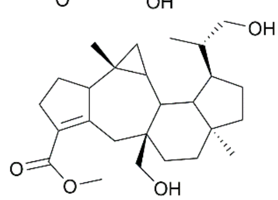
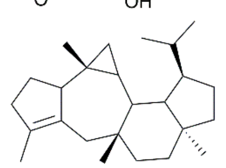
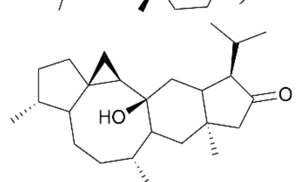
PC-33	4-hydroxyretigeran-11-ol		*Leprocaulon microscopicum* [631]
PC-34	gypmacrophin A		*Gypsoplaca macrophylla* [632]
PC-35	peniroquesine A		*Penicillium roqueforti* [633]
PC-36	peniroquesine B		*Penicillium roqueforti* [633]
PC-37	peniroquesine C		*Penicillium roqueforti* [633]
PC-38	aspterpenacid A		*Aspergillus terreus* H010/*Kandelia obovata* [634]
PC-39	aspterpenacid B		*Aspergillus terreus* H010/*Kandelia obovata* [634]
PC-40	aspterpenacid C		*Swertia bimaculata* [635]
PC-41	asperunguisin B		*Aspergillus unguis* [466]

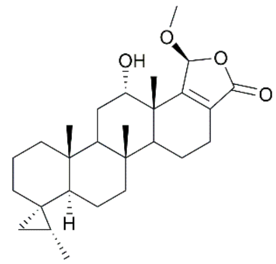
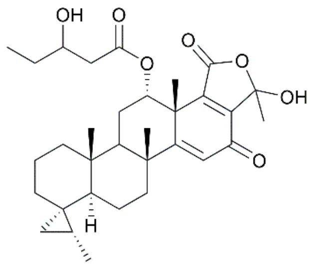
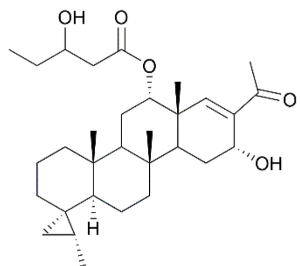
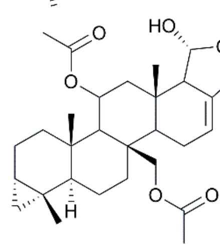
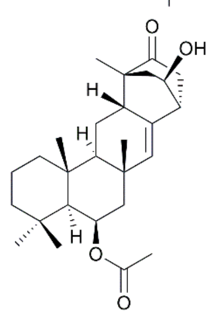
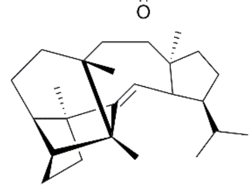
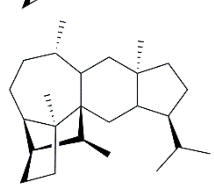
PC-42	honulactone A		*Strepsichordaia aliena* [560]
PC-43	honulactone B		*Strepsichordaia aliena* [560]
PC-44	honulactone E		*Strepsichordaia aliena* [560]
PC-45	honulactone F		*Strepsichordaia aliena* [560]
PC-46	honulactone G		*Strepsichordaia aliena* [560]
PC-47	unnamed pentacarbocyclic sesterterpene (reported as compound 8)		*Dysidea granulosa* [370]

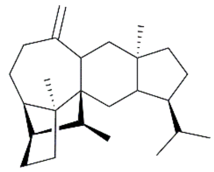
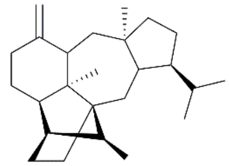
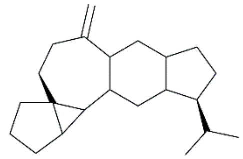
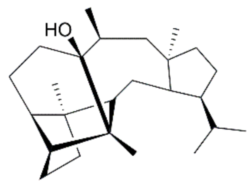
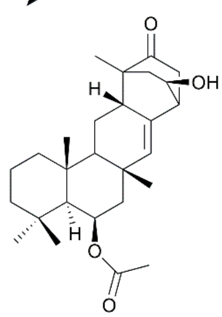
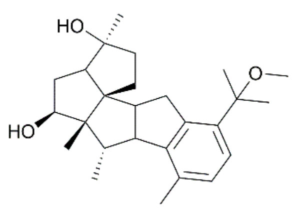
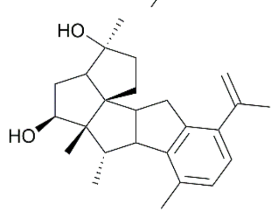
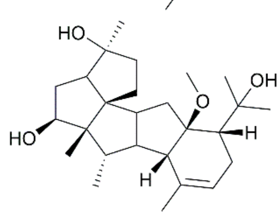
PC-48	unnamed pentacarbocyclic sesterterpene (reported as compound 10)		*Dysidea granulosa* [370]
PC-49	honulactone H		*Strepsichordaia aliena* [560]
PC-50	unnamed pentacarbocyclic sesterterpene (reported as compound 11)		*Dysidea granulosa* [370]
PC-51	unnamed pentacarbocyclic sesterterpene (reported as compound 12)		*Dysidea granulosa* [370]
PC-52	unnamed pentacarbocyclic sesterterpene (reported as compound 9)		*Dysidea granulosa* [370]
PC-53	bolivianine		*Hedyosmum angustifolium* [636]
PC-54	isobolivianine		*Hedyosmum angustifolium* [636]

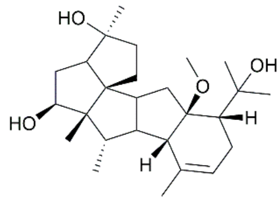
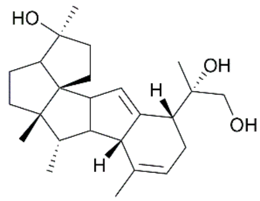
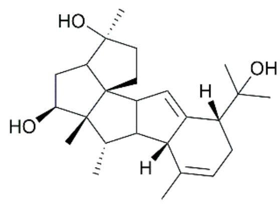
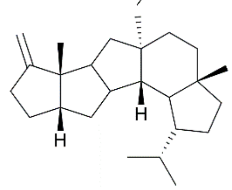
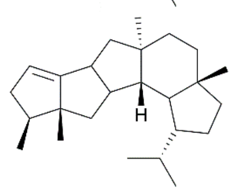
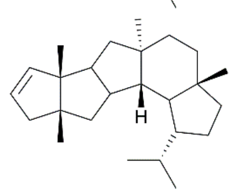
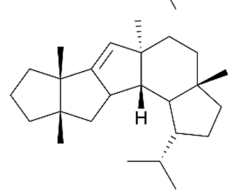
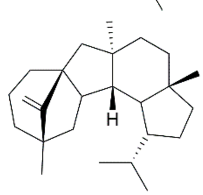
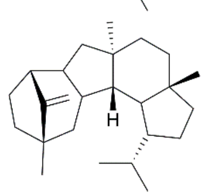
PC-55	emervaridione		*Emericella variecolor* [637]
PC-56	retigeranic acid B		*Lobaria isidiosa* var. *subisidiosa* [625]
PC-57	8-*epi*-peniroquesine A		*Penicillium roqueforti* [638]
PC-58	8-oxo-eniroquesine B		*Penicillium roqueforti* [638]
PC-59	12-deoxy-16*S*-hydroxypeniroquesine B		*Penicillium roqueforti* [638]
PC-60	12-deoxypeniroquesine A		*Penicillium roqueforti* [638]
PC-61	12-deoxy-16*S*-hydroxypeniroquesine A		*Penicillium roqueforti* [638]
PC-62	12-deoxy-22-oxo-16*S*-hydroxypeniroquesine A		*Penicillium roqueforti* [638]

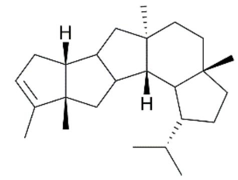
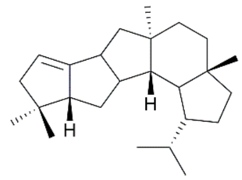
PC-63	8-deoxy-16*S*-hydroxypeniroquesine A		*Penicillium roqueforti* [638]
PC-64	asperterpenoid B		*Aspergillus oryzae* [639]
PC-65	asperterpenoid C		*Aspergillus oryzae* [639]
PC-66	asperterpenoid D		*Aspergillus oryzae* [640]
PC-67	asperterpenoid E		*Aspergillus oryzae* [640]
PC-68	asperterpenoid F		*Aspergillus oryzae* [640]
PC-69	asperterpenoid G		*Aspergillus oryzae* [641]
PC-70	asperterpenoid H		*Aspergillus oryzae* [641]
PC-71	asperterpenoid I		*Aspergillus oryzae* [641]

PC-72	asperterpenoid J		*Aspergillus oryzae* [641]
PC-73	asperterpenoid K		*Aspergillus oryzae* [641]
PC-74	asperterpenoid L		*Aspergillus oryzae* [641]
PC-75	asperterpenoid M		*Aspergillus oryzae* [641]
PC-76	asperterpenoid N		*Aspergillus oryzae* [641]
PC-77	asperterpenoid O		*Aspergillus oryzae* [641]
PC-78	asperterpenoid P		*Aspergillus oryzae* [641]
PC-79	preasperterpenoid A		*Penicillium verruculosum* [433]
PC-80	18-*epi*-nitidasin		*Gentianella turkestanorum* [434]

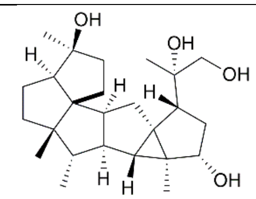
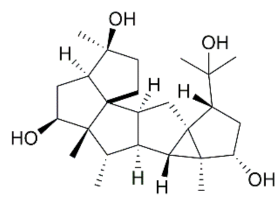
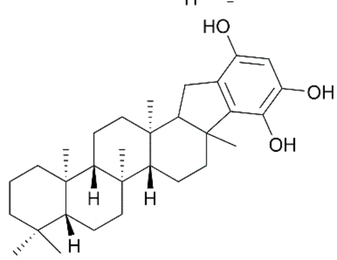
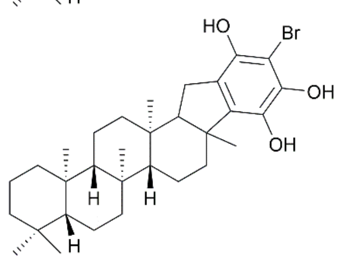
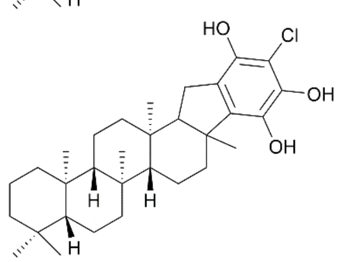
PC-81	dysiscalarone A		*Dysidea granulosa* [606]
PC-82	dysiscalarone B		*Dysidea granulosa* [606]
PC-83	dysiscalarone C		*Dysidea granulosa* [606]
PC-84	12-deacetoxy-4-demethyl-11,24-diacetoxy-3,4-methylenedeoxoscalarin		*Doriprismatica stellata* (egg ribbons), and *Spongia* cf. *agaricina* [642]
PC-85	neosuberitenone		*Suberites* sp.[447]
PC-86	sestermobaraene A		*Streptomyces mobaraensis* [250]
PC-87	sestermobaraene B		*Streptomyces mobaraensis* [250]

PC-88	sestermobaraene C		*Streptomyces mobaraensis* [250]
PC-89	sestermobaraene D		*Streptomyces mobaraensis* [250]
PC-90	sestermobaraene F		*Streptomyces mobaraensis* [250]
PC-91	sestermobaraol		*Streptomyces mobaraensis* [250]
PC-92	neosuberitenone		*Suberites* sp. [447]
PC-93	niduene A		*Aspergillus nidulans* [643]
PC-94	niduene B		*Aspergillus nidulans* [643]
PC-95	niduene C		*Aspergillus nidulans* [643]

PC-96	niduene D		*Aspergillus nidulans* [643]
PC-97	niduene E		*Aspergillus nidulans* [643]
PC-98	niduene F		*Aspergillus nidulans* [643]
PC-99	unnamed pentacyclic sesterterpene		*Streptomyces subrutilus* [644]
PC-100	unnamed pentacyclic sesterterpene		*Streptomyces subrutilus* [644]
PC-101	unnamed pentacyclic sesterterpene		*Streptomyces subrutilus* [644]
PC-102	unnamed pentacyclic sesterterpene		*Streptomyces subrutilus* [644]
PC-103	unnamed pentacyclic sesterterpene		*Streptomyces subrutilus* [644]
PC-104	unnamed pentacyclic sesterterpene		*Streptomyces subrutilus* [644]

PC-105	unnamed pentacyclic sesterterpene		*Streptomyces subrutilus* [644]
PC-106	unnamed pentacyclic sesterterpene		*Streptomyces subrutilus* [644]

Section 1.10 Structures of hexacarbocyclic (HC) sesterterpenoids (with and without hetherocycles)

c. n.	IUPAC name or Trivial name	Structure	Organism (reference)
HC-1	niduterpenoid A		*Aspergillus nidulans* [645]
HC-2	niduterpenoid B		*Aspergillus nidulans* [645]
HC-3	disidein		*Dysidea pallescens* [646]
HC-4	6'-bromo-disidein		*Disidea* [sic!] *pallescens* [647]
HC-5	6'-cloro-disidein		*Disidea* [sic!] *pallescens* [647]

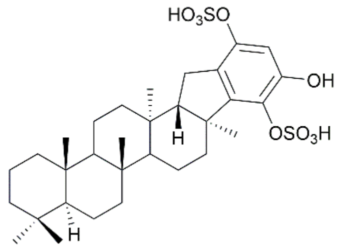
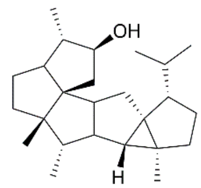
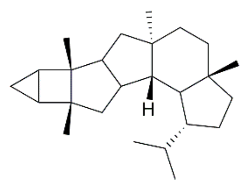
HC-6	acanthosulfate		*Acanthodendrilla* sp. [648]
HC-7	oxaliterpenoid		*Penicillium oxalicum* M893 [649]
HC-8	subrutilane		*Streptomyces subrutilus* [644]

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Table S2. Accepted name, family, species, synonyms, lifestyle, geographical distribution, and collection site of the selected Porifera[1]

Accepted genus name and protologue	Family	Species	Synonyms	Lifeform / Ecology	Geographical distribution	Collection site (specimens with sesterterpenoids)	Environment
Acanthodendrilla Bergquist, 1995	Dictyodendrillidae Bergquist, 1980	*Acanthodendrilla* sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Indonesia	Marine
		Acanthodendrilla sp. 2		Benthic sessile aquatic animal holobiont	Pacific	Philippines	Marine
Agelas Duchassaing & Michelotti, 1864	Agelasidae Verrill, 1907	*Agelas mauritiana* (Carter, 1883)	Orig. name *Ectyon mauritianus* Carter, 1883; Synonymised names: *Agelas mauritianus* (Carter, 1883) (agreement in gender); *Ectyon mauritianus* Carter, 1883 (genus transfer);	Benthic sessile aquatic animal holobiont	Indic, South Pacific, South Atlantic	Okinawa, Japan	Marine
Aplysinopsis Lendenfeld, 1888	Thorectidae Bergquist, 1978	*Aplysinopsis elegans* Lendenfeld, 1888	*Aplysinopsis digitata* Lendenfeld, 1888; *Aplysinopsis pedunculata* Lendenfeld, 1889; *Thorecta elegans* Lendenfeld, 1888	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia, Great Barrier Reef (GBR), Manning-Hawkesbury; Sea of Japan	Sea of Japan	Marine, coral reefs (tropical, subtropical)
		Aplysinopsis sp.		Benthic sessile aquatic animal holobiont	Indo-Pacific	Fiji	Marine
Brachiaster Wilson, 1925	Pachastrellidae Carter, 1875	*Brachiaster* sp.		Benthic sessile aquatic animal holobiont	Pacific: Philippines; New Zealand; Thailand.	Thailand	Marine, tropical, subtropical
Cacospongia Schmidt, 1862	Thorectidae Bergquist, 1978	*Cacospongia mollior* Schmidt, 1862	*Aplysina massa* (Szymanski, 1904); *Aplysinopsis massa* Szymanski, 1904; *Spongia irregularis* var. *mollior* Schmidt, 1862	Benthic sessile aquatic animal holobiont	Mediterranean: cosmopolitan; Atlantic: Canary, Madeira, Azores Islands, Indian: South India and Sri Lanka (inaccurate)	Mediterranean	Marine, template, cave-dwelling, coralligenous, rocky/detritic/muddy bottom, *Posidonia oceanica* meadow, lagoons, epibiotic on *Pinna nobilis*

		Cacospongia sp. (CMB-03404)		Benthic sessile aquatic animal holobiont	Indo-Pacific	Australia (Deep sea)	Marine, deep sea
		Cacospongia sp. 1		Benthic sessile aquatic animal holobiont	South Pacific	New Zealand	Marine
		Cacospongia sp. 2		Benthic sessile aquatic animal holobiont	Mediterranean	Italy/Spain	Marine
		Cacospongia sp. 3		Benthic sessile aquatic animal holobiont	Pacific	Phillipines	Marine
Clathria Schmidt, 1862	Microcionidae Carter, 1875	*Clathria* (*Clathria*) *gombawuiensis* Kim & Sim, 2005		Benthic sessile aquatic animal holobiont	South Korea	Korea	Marine, vertical surfaces of rocks or wrecks, encrusting pebbles in areas of strong current
		Clathria (*Clathria*) *toxistyla* (Sarà, 1959)	*Clathria toxistyla* (Sarà, 1959); *Microciona toxistyla* Sarà, 1959	Benthic sessile aquatic animal holobiont	Mediterranean; North Atlantic	Mediterranean	Marine, vertical surfaces of rocks or wrecks, encrusting pebbles in areas of strong current
		Clathria sp.		Benthic sessile aquatic animal holobiont	Pacific	Great Australian Bight (Australia)	Marine, vertical surfaces of rocks or wrecks, encrusting pebbles in areas of strong current
Collospongia Bergquist, Cambie & Kernan, 1990	Thorectidae Bergquist, 1978	*Collospongia auris* Bergquist, Cambie & Kernan, 1990		Benthic sessile aquatic animal holobiont	Australia: GBR, Tween-Moreton	GBR (Australia)	Marine, tropical, reef slopes, often grown by aquarists
Coscinoderma Carter, 1883	Spongiidae Gray, 1867	*Coscinoderma mathewsi* (Lendenfeld, 1886)	*Euspongia mathewsi* Lendenfeld, 1886	Benthic sessile aquatic animal holobiont	Pacific: Micronesia, New Caledonia, East Caroline Islands, Eastern Australia	Mooloolaba, S.E. Queensland (Australia)	Marine, tropical, lagoons, sandy bottoms
		Coscinoderma sp. 1		Benthic sessile aquatic animal holobiont	South Pacific	Great Barrier Reef, Australia	Marine, coral reefs (tropical, subtropical)
		Coscinoderma sp. 2		Benthic sessile aquatic animal holobiont	South Pacific	Chuuk Island, Micronesia.	Marine

		Coscinoderma sp. 3		Benthic sessile aquatic animal holobiont	Indo-Pacific	Chuuk Island, Micronesia	Marine
		Coscinoderma sp. 4		Benthic sessile aquatic animal holobiont	Indo-Pacific	Chuuk State, Micronesia.	Marine
Dactylospongia Bergquist, 1965	Thorectidae Bergquist, 1978	*Dactylospongia elegans* (Thiele, 1899)	*Aplysinopsis thielei* Topsent, 1934; *Luffariella elegans* Thiele, 1899	Benthic sessile aquatic animal holobiont	Indo-Pacific	Pacific: Banda Sea, East Caroline Islands, Malacca Strait, Philippines, Sulawesi Sea, Makassar Strait	Marine, tropical, reef, laggon
		Dactylospongia metachromia (de Laubenfels, 1954)	*Hippospongia metachromia* de Laubenfels, 1954	Benthic sessile aquatic animal holobiont	Pacific: Solomon Islands, West Caroline Islands; Palau; Koror, NW of Koror Island, Lagoon near Ngarebgal Islet; Society Islands, French Polynesia	Okinawa (Japan)	Marine, reef, rocks, crevices, lagoons
		Dactylospongia sp.		Benthic sessile aquatic animal holobiont	Pacific: New Caledonia	New Caledonia	Marine, reef, rocks, crevices
Darwinella Müller, 1865	Darwinellidae Merejkowsky, 1879	*Darwinella australiensis* Carter, 1885		Benthic sessile aquatic animal holobiont	Indo-West Pacific: Australia and Indonesia	Australia	Marine
Dercitus (*Stoeba*) Sollas, 1888	Ancorinidae Schmidt, 1870	*Dercitus* (*Stoeba*) *extensus* (Dendy, 1905)	*Calcabrina* Sollas, 1888; *Dercitancorina* Topsent, 1902; *Stoeba* Sollas, 1888; *Halina extensa* (Dendy, 1905); *Stoeba extensa* (Dendy, 1905)	Benthic sessile aquatic animal holobiont	Indian Ocean: Madagascar, South India, Sri Lanka	Japan (deep-sea)	Marine, encrsting calcareous algae,
Diacarnus Burton, 1934	Podospongiidae Laubenfels, 1936	*Diacarnus erythraeanus* Kelly-Borges & Vacelet, 1995		Benthic sessile aquatic animal holobiont	Red Sea	Red Sea	Marine, on coral substrate or rocks, or attached to small corals fragments in sand

		Diacarnus laevis (Lindgren, 1897)	*Sigmosceptrella laevis* (Lindgren, 1897); *Latrunculia laevis* Lindgren, 1897	Benthic sessile aquatic animal holobiont	Indo-Pacific: Seychelles, Bismarck Sea	Papua New Guinea	Marine, reefs, rocks
		Diacarnus levii Kelly-Borges & Vacelet, 1995		Benthic sessile aquatic animal holobiont	Pacific: New Caledonia, northeastern GBR Australia)	Papua New Guinea	Marine, fringing coral reef slopes down to 35m
		Diacarnus megaspinorhabdosa [sic!] Kelly-Borges & Vacelet, 1995		Benthic sessile aquatic animal holobiont	Pacific: Northern (Madang), southern (Motupore Island) Papua New Guinea; Batangas, Philippines		Marine, silty, fringing coral reefs down to 10m
		Diacarnus spinipoculum (Carter, 1879)	Orig. Name: *Axos spinipoculum* Carter, 1879; Synonymised names: *Axos spinipoculum* Carter, 1879 (genus transfer); *Latrunculia* (*Latrunculia*) *hallmanni* Wiedenmayer, 1989; *Latrunculia hallmanni* Wiedenmayer, 1989; *Latrunculia spinipoculum* (Carter, 1879)	Benthic sessile aquatic animal holobiont	Pacific	Solomon Islands	Marine
Dictyodendrilla Bergquist, 1980	Dictyodendrillidae Bergquist, 1980	*Dictyodendrilla* sp.		Benthic sessile aquatic animal holobiont	Pacific	Port Phillip Bay, Victoria (Australia)	Marine
Dysidea Johnston, 1842	Dysideidae Gray, 1867	*Dysidea cinerea* Keller, 1889	*Spongelia cinerea* (Keller, 1889)	Benthic sessile aquatic animal holobiont	Red Sea; Indian: Madagascar, East African coast, Western India; Pacific: South China Sea	Dahlak archipelago (Eritrea)	Marine, tropical reefs
		Dysidea etheria Laubenfels, 1936		Benthic sessile aquatic animal holobiont	Atlantic: South America East coast, Brazil, Guianan, Caribbean, Florida (USA), Bermuda	Caribbean	Marine, unconsolidated sediment, attached to algae or blades of turtle grass, rocky bottom, or over hard corals or other sponges

Dysidea fragilis (Montagu, 1814)	*Duseideia fragilis* (Montagu, 1814); *Dysidea coriacea* Bowerbank, 1874; *Spongelia fistularis* Schmidt, 1864; *Spongelia fragilis* (Montagu, 1814); *Spongelia fragilis* var. *irregularis* Lendenfeld, 1889; *Spongelia pallescens fragilis* (Montagu, 1814); *Spongia fragilis* Montagu, 1814	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic: Celtic Sea, Azores, Brazil, Bermuda; North Sea; Inaccurate: Caribbean; Black Sea, White Sea Indian: Africa, Maldives, Kerguelen, India		Marine, sandy bottoms, tidal, rocky estuarine areas, cryptic in rock crevices, on stones, shell and gravel, embedded in muddy sand.
Dysidea granulosa Bergquist, 1965		Benthic sessile aquatic animal holobiont	Pacific: West Caroline Islands, Palau, China, GBR (Australia)	South China Sea	Marine, tropical, reefs
Dysidea gumminea Ridley, 1884	*Dysidea gumminea* Ridley, 1884, *Dysideopsis gumminea* (Ridley, 1884); *Hyrtios gumminae* [sic!], in Mahidol et al., 2009]	Benthic sessile aquatic animal holobiont	Indian: Seychelles, African Coral Sea	Similan Island, Andaman Sea (Thailand)	Marine, tropical reefs, rocks
Dysidea pallescens (Schmidt, 1862)	*Dysidea avara* var. *pallescens* (Schmidt, 1862); *Dysidea pallescens* var. *pontica* (Czerniavsky, 1880); *Spongelia elastica* Schulze, 1879; *Spongelia elastica* var. *lobosa* Schulze, 1879; *Spongelia elastica* var. *massa* Schulze, 1879; *Spongelia pallescens* Schmidt, 1862; *Spongelia pallescens elastica* Schulze, 1879; *Spongelia pallescens elastica* var. *lobosa* Schulze, 1879; *Spongelia pallescens elastica* var. *massa* Schulze, 1879; *Spongelia pallescens* f. *pontica* Czerniavsky, 1880; *Spongelia pallescens* var. *lobosa* Schulze, 1879;	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic: Macaronesia, Cape Verde, Sahelian Upwelling, South European Atlantic Shelf	Mediterranean	Marine, cryptic in rock crevices, on stones

			Spongelia putrescens Nardo, 1834				
		Dysidea sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Palau	Marine
		Dysidea sp. 2		Benthic sessile aquatic animal holobiont	Indian, South Pacific	Chuuk Islands, Micronesia	Marine
		Dysidea sp. 3		Benthic sessile aquatic animal holobiont	Pacific	Hainan, China	Marine
Fascaplysinopsis Bergquist, 1980	Thorectidae Bergquist, 1978	*Fascaplysinopsis reticulata* (Hentschel, 1912)	*Aplysinopsis reticulata* Hentschel, 1912	Benthic sessile aquatic animal holobiont	Pacific: Arafura Sea, Banda Sea, Coral Sea, New Caledonia, Palau; Indian: East Africa; Red Sea: Pacific: China Sea	Benga Lagoon (Fiji Islands)	Marine, shallow-water; on dead coral substrates and in mangrove communities on pneumatophores of *Avicennia marina.*
		Fascaplysinopsis sp.		Benthic sessile aquatic animal holobiont	Pacific	Palau	Marine
Fasciospongia Burton, 1934	Thorectidae Bergquist, 1978	*Fasciospongia cavernosa* (Schmidt, 1862)	*Cacospongia aspergillum* Schmidt, 1868; *Cacospongia cavernosa* Schmidt, 1862; *Fasciospongia aspergillum* (Schmidt, 1868); *Stelospongia aspergillum* (Schmidt, 1868); *Stelospongia cavernosa* (Schmidt, 1862); *Stelospongia cavernosa* var. *mediterranea* Lendenfeld, 1889	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic: South European Antlantic Shelf, Macaronesia, Madeira, Canary Islands, Azores; Red Sea; Indian: Delagoa, Seychelles, Bismarck Sea	Tyrrhenian	Marine, cave, coralligenous community, rocky/detritic/muddy bottom, *Posidonia oceanica* meadow, burrowing behaviour, 1–367 m.
		Fasciospongia turgida (Lamarck, 1814)	*Fasciospongia penicillosa* (Lamarck, 1814); *Polyfibrospongia australis* (Lendenfeld, 1888); *Polyfibrospongia australis* var. *conulata* (Lendenfeld, 1888); *Spongia penicillosa* Lamarck, 1814; *Spongia penicillosa* var.	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia, Great Barrier Reef (GBR), Manning-Hawkesbury; New Zealand	Australia	Marine, cryptic in rock crevices, on stones

			brevior Lamarck, 1814; *Spongia penicillosa* var. *clavata* Lamarck, 1814; *Spongia turgida* Lamarck, 1814; *Stelospongia australis* Lendenfeld, 1888; *Stelospongia australis* var. *canaliculata* Lendenfeld, 1888; *Stelospongia australis* var. *conulata* Lendenfeld, 1888; *Stelospongia australis* var. *conulissima* Lendenfeld, 1888; *Stelospongia australis* var. *fovea* Lendenfeld, 1888; *Stelospongia australis* var. *villosa* Lendenfeld, 1888; *Stelospongia crassa* Lendenfeld, 1889; *Stelospongia vallata* Lendenfeld, 1889; *Stelospongos levis* Hyatt, 1877				
		Fasciospongia sp. 1		Benthic sessile aquatic animal holobiont	South Pacific	Palau	Marine
		Fasciospongia sp. 2			Indian	South Africa	Marine
		Fasciospongia sp. 3			Pacific	New Caledonia	Marine
Geodia Lamarck, 1815	Geodiidae Gray, 1867	*Geodia japonica* (Sollas, 1888)	*Cydonium japonicum* Sollas, 1888	Benthic sessile aquatic animal holobiont	Pacific: Alaska, Japan, Philippines, China Sea	China Sea	Marine, encrusting on rocks, stones and gravel, with aggregating coral rubble and shells
Halichondria Fleming, 1828	Halichondriidae Gray, 1867	Halichondriidae sp.		Benthic sessile aquatic animal holobiont	Pacific: USA Western coast	Scripps Canyon California (USA)	Marine
		Halichondria sp.		Benthic sessile aquatic animal holobiont	South Pacific	Palau	Marine

Haliclona (Reniera) Schmidt, 1862	Chalinidae Gray, 1867	*Haliclona (Reniera)* sp. 1	*Haliclona* (*Reniclona*) de Laubenfels, 1954; *Kallypilidion* de Laubenfels, 1954; *Philotia* Gray, 1867; *Prianos* Gray, 1867; *Reniclona* de Laubenfels, 1954; *Reniera* Schmidt, 1862; *Toxadocia* Laubenfels, 1936	Benthic sessile aquatic animal holobiont	Pacific: Korea	Gageo Island (Korea)	Marine, coral reefs
		Haliclona (Reniera) sp. 2		Benthic sessile aquatic animal holobiont	Red Sea	Marsa el Muqubila in the Gulf of Eilat, Israel (Red Sea)	Marine
Hamigera Gray, 1867	Hymedesmiidae Topsent, 1928	*Hamigera* sp.		Benthic sessile aquatic animal holobiont	Indo-Pacific: Papua New Guinea	Milne Bay, Papua New Guinea	Marine, tropical reefs, rocks
Hippospongia Schulze, 1879	Spongiidae Gray, 1867	*Hippospongia lachne* (Laubenfels, 1936)	*Hippiospongia lachne* Laubenfels, 1936; sheep's wool sponge	Benthic sessile aquatic animal holobiont	Atlantic Brazil, Gulf of Mexico, Bahamas, Antilles, Florida; Caribbean	South China Sea	Marine, reef, rocks, sandy bottoms, rubble, lagoons
		Hippospongia communis (Lamarck, 1814)	*Spongia communis* Lamarck, 1814	Benthic sessile aquatic animal holobiont	Mediterranean	Italy, Mediterranean	Marine
		Hippospongia fistulosa (Lamarck, 1814)	*Euspongia officinalis* var. *cavernosa* Ridley, 1884 (genus transfer & junior homonym); *Hyattella fistulosa* (Lendenfeld, 1889) unaccepted (reverted genus transfer)	Benthic sessile aquatic animal holobiont	Pacific: Australia, Borneo, Vietnam	Vietnam	Marine
		Hippospongia sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Taiwan	Marine, coral reef
		Hippospongia sp. 2		Benthic sessile aquatic animal holobiont	Indo-Pacific	Barangcadi Island, Ujung Pandang, Sulawesi, Indonesia	Marine
		Hippospongia sp. 3		Benthic sessile aquatic animal holobiont	Pacific	Australia	Marine reefs, rocks, dead coral, living coral

		Hippospongia sp. 4		Benthic sessile aquatic animal holobiont	South Pacific	Chuuk Islands, Micronesia	Marine
		Hippospongia sp. 5		Benthic sessile aquatic animal holobiont	South Pacific	Taiwan	Marine
Hyattella Lendenfeld, 1888	Spongiidae Gray, 1867	*Hyattella cribriformis* (Hyatt, 1877)	*Stelospongia cribriformis* (Hyatt, 1877); *Stelospongos cribriformis* Hyatt, 1877	Benthic sessile aquatic animal holobiont. Prey of heterobranch *Glossodoris atromarginata,* that accumulates diet sesterterpenoids.	Indian: Maldives, Seychelles, Sri Lanka, South India	India	Marine, reef, rocks, sandy bottoms, rubble, lagoons
		Hyattella intestinalis (Lamarck, 1814)	*Carteriospongia clathrata* (Carter, 1881); *Carterispongia clathrata* (Carter, 1881); *Hippospongia anomala* Poléjaeff, 1884; *Hippospongia clathrata* (Carter, 1881); *Hippospongia intestinalis* (Lamarck, 1814); *Hircinia clathrata* Carter, 1881; *Hyattella clathrata* (Carter, 1881); *Hyattella murrayi* Lendenfeld, 1889; *Hyattella velata* (Hyatt, 1877); *Ircinia clathrata* (Carter, 1881); *Spongelia velata* Hyatt, 1877; *Spongia cariosa* Lamarck, 1814; *Spongia intestinalis* Lamarck, 1814; *Spongia tubulosa* Lamarck, 1814; *Stelospongia kingii* Lendenfeld, 1889	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia, New Zealand, Solomon, Seychelles, India, Indonesia; Caribbean: Antilles, Bahamas	Gulf of California (Mexico); Australia; Mooloolaba; Southeast Queensland (Australia)	Marine, reef, rocks, sandy bottoms, rubble, lagoons

		Hyattella sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Soheuksan-do (Korea)	Marine, reefs, rocks
		Hyattella sp. 2			Indo-Pacific	Lembeh Strait, North Sulawesi, Indonesia	
Hyrtios Duchassaing & Michelotti, 1864	Thorectidae Bergquist, 1978	*Hyrtios communis* (Carter, 1885)		Benthic sessile aquatic animal holobiont	Indo-Pacific: Bassian, East Caroline Islands; Red Sea	Palau	Marine, on coral substrate or rocks, or attached to small corals, fragments in sand
		Hyrtios erectus (Keller, 1889)	*Duriella nigra* Row, 1911; *Dysidea fusca* Ridley, 1884, *Dysidea nigra* Keller, 1889; *Dysideopsis fusca* (Ridley, 1884); *Heteronema erecta* Keller, 1889; *Heteronema erectum* Keller, 1889; *Hyrtios erecta* (Keller, 1889); *Hyrtios fusca* (Ridley, 1884); *Inodes erecta* (Keller, 1889); *Thorectopsamma irregularis* Burton, 1934; *Thorectopsamma mela* de Laubenfels, 1954	Benthic sessile aquatic animal holobiont	Indo-Pacific: India, Sri Lanka, Caroline Islands, Seychelles, Banda Sea, Bismarck Sea, Australia, Indonesia; Red Sea	Australia; Hainan, China; Saudi Arabia; Tonga; Okinawa, Japan; Egypt; Papua, New Guinea; Republic of Maldives; New Caledonia; Bohol Island, Philippines	Marine, on coral substrate or rocks, or attached to small corals, fragments in sand
		Hyrtios cf. *erectus* (Keller, 1889)		Benthic sessile aquatic animal holobiont	Pacific	Fiji	Marine
		Hyrtios cf. *erectus* (Keller, 1889)		Benthic sessile aquatic animal holobiont	Pacific	Yakushima Island, Japan	Marine
		Hyrtios sp.1		Benthic sessile aquatic animal holobiont	South Pacific	New Caledonia	Marine
		Hyrtios sp.2		Benthic sessile aquatic animal holobiont	Indo-Pacific	Thailand	Marine

		Hyrtios sp.3		Benthic sessile aquatic animal holobiont	Indo-Pacific	Paracel Islands, Vietnam	Marine
		Hyrtios sp.4		Benthic sessile aquatic animal holobiont	Pacific	Fiji	Marine
Igernella Topsent, 1905	Dictyodendrillidae Bergquist, 1980	*Igernella* sp.		Benthic sessile aquatic animal holobiont	Pacific	Palau	Marine, tropical reefs
Ircinia Nardo, 1833	Irciniidae Gray, 1867	*Ircinia campana* (Lamarck, 1814)	Orig. Name: *Spongia campana* Lamarck, 1814. Synonymised names: *Hircinia (Sarcotragus) campana* (Lamarck, 1814); *Hircinia campana* (Lamarck, 1814) (genus name correction); *Hircinia campana* var. *fixa* (Duchassaing & Michelotti, 1864) (genus transfer and junior synonym); *Hircinia campana* var. *typica* Hyatt, 1877; *Polytherses campana* (Lamarck, 1814) (genus transfer); *Polytherses campana* var. *dimidiata* Duchassaing de Fonbressin, 1870 (nomen nudum, junior synonym and genus transfer); *Polytherses campana* var. *fixa* Duchassaing & Michelotti, 1864 (genus transfer and junior synonym); *Spongia campana* Lamarck, 1814 (genus transfer); *Stematumenia scyphus* Bowerbank, 1845 (genus transfer and junior synonym)	Benthic sessile aquatic animal holobiont	Atlantic, Caribbean	Caribbean, Colombia	Marine

Ircinia dendroides (Schmidt, 1862)	*Euricinia variabilis* var. *dendroides* (Schmidt, 1862); *Hircinia* (*Euricinia*) *variabilis* var. *dendroides* Schmidt, 1862; *Hircinia dendroides* Schmidt, 1862; *Hircinia variabilis* var. *dendroides* Schmidt, 1862; *Ircinia fasciculata* var. *dendroides* (Schmidt, 1862); *Ircinia variabilis* var. *dendroides* (Schmidt, 1862)	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic: Macaronesia, Canary Islads Cape Verde, Azores	Mogan, Grand Canary Islands (Spain)	Marine, cave, detritic and rocky bottom, coralligenous community. Bathymetric range 1–110 m
Ircinia felix (Duchassaing & Michelotti, 1864)	*Hircinia armata* (Duchassaing & Michelotti, 1864); *Hircinia armata* var. *fistularis* Verrill, 1907; *Hircinia campana* var. *felix* (Duchassaing & Michelotti, 1864); *Hircinia filamenta* Hyatt, 1877; *Hircinia fistularis* Verrill, 1907; *Hircinia nigra* Hyatt, 1877; *Hircinia variabilis* sensu Laubenfels, 1936; *Ircinia fasciculata* sensu de Laubenfels, 1949; *Ircinia felix* f. *acuta* Duchassaing & Michelotti, 1864; *Ircinia felix* f. *felix* Duchassaing & Michelotti, 1864; *Ircinia felix* f. *fistularis* (Verrill, 1907); *Ircinia fistularis* (Verrill, 1907); *Polytherses acuta* Duchassaing & Michelotti, 1864; *Polytherses armata* Duchassaing & Michelotti, 1864; *Polytherses columnaris* Duchassaing & Michelotti, 1864; *Polytherses felix* Duchassaing & Michelotti, 1864	Benthic sessile aquatic animal holobiont	Atlantic: South America East coast, Brazil, Guianan, Bahamas; Caribbean: Florida (USA), Bermuda	Southern Taiwan	Marine, shallow to mid-range reefs, near living corals, lagoons

Ircinia oros (Schmidt, 1864)	*Hircinia* (*Euricinia*) *variabilis* var. *oros* Schmidt, 1864; *Hircinia oros* Schmidt, 1864; *Hircinia variabilis* var. *oros* Schmidt, 1864	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic: Macaronesia	Naples (Italy), Malta	Marine, cave, detritic and rocky bottom, coralligenous, frequently covered by *Haliclona (Reniera) cratera*; Bathymetric range 1–150 m
Ircinia ramosa (Keller, 1889)	*Hippospongia frondosa* Hentschel, 1912; *Hircinia ramosa* Keller, 1889; *Ircinia* (*Sarcotragus*) *ramosa* Keller, 1889	Benthic sessile aquatic animal holobiont	Atlantic: Brazil, Gulf of Mexico, Antilles, Bermuda; Caribbean: Bahamas; Indian: Mozambique, Kenya; Pacific: Arafura Sea, Australia	Malaysia	Marine
Ircinia strobilina (Lamarck, 1816)	*Dysidicinia longispina* (Duchassaing & Michelotti, 1864); *Filifera verrucosa* Lieberkühn, 1859; *Hircinia* (*Dysidicinia*) *longispina* (Duchassaing & Michelotti, 1864); *Hircinia* (*Psammocinia*) *verrucosa* (Lieberkühn, 1859); *Hircinia acuta* (Duchassaing & Michelotti, 1864); *Hircinia acuta* var. *filamenta* Hyatt, 1877; *Hircinia acuta* var. *longispina* (Duchassaing & Michelotti, 1864); *Hircinia acuta* var. *nigra* Hyatt, 1877; *Hircinia strobilina* (Lamarck, 1814); *Hircinia verrucosa* (Lieberkhün, 1859); *Ircinia acuta* (Duchassaing & Michelotti, 1864); *Ircinia acuta* var. *longispina* (Duchassaing & Michelotti, 1864); *Ircinia linguiformis* (Duchassaing &	Benthic sessile aquatic animal holobiont	Atlantic: Brazil, Bermuda; Caribbean: Bahamas, Antilles, Florida, Guainan, Gulf of Mexico, Venezuela; Western Mediterranean (Inaccurate)	Brazil, Caribbean	Marine, reefs, but also on muddy sands and at bottoms at greater depths, prefer brightly lit areas

	Michelotti, 1864); *Ircinia longispina* (Duchassaing & Michelotti, 1864); *Ircinia verrucosa* (Lieberkühn, 1869); *Polytherses capitata* Duchassaing & Michelotti, 1864; *Polytherses cylindrica* Duchassaing & Michelotti, 1864; *Polytherses ignobilis* Duchassaing & Michelotti, 1864; *Polytherses linguiformis* Duchassaing & Michelotti, 1864; *Polytherses longispina* Duchassaing & Michelotti, 1864; *Spongia strobilina* Lamarck, 1816; *Stelospongos longispinus* (Duchassaing & Michelotti, 1864)				
Ircinia variabilis (Schmidt, 1862)	*Euricinia variabilis* (Schmidt, 1862); *Hircinia* (*Euricinia*) *variabilis* Schmidt, 1862; *Hircinia* (*Euricinia*) *variabilis* var. *flavescens* Schmidt, 1862; *Hircinia* (*Euricinia*) *variabilis* var. *galea* Lendenfeld, 1889; *Hircinia* (*Euricinia*) *variabilis* var. *hirsuta* (Schmidt, 1862); *Hircinia* (*Euricinia*) *variabilis* var. *lingua* Schmidt, 1868; *Hircinia* (*Euricinia*) *variabilis* var. *mammillaris* Schmidt, 1868; *Hircinia* (*Euricinia*) *variabilis* var. *typica* Nardo, 1847; *Hircinia flavescens* Schmidt, 1862; *Hircinia hebes* Schmidt, 1862; *Hircinia hirsuta* Schmidt, 1862; *Hircinia lingua* Schmidt, 1868; *Hircinia*	Benthic sessile aquatic animal holobiont	Cosmopolitan; Atlantic: Canary, Madeira, Azores Islands, Gulf of Guinea, Namibia; Black Sea	Mediterranean	Marine, cave, coralligenous community, detritic and rocky bottom, *Posidonia oceanica* meadow, lagoons, epibiotic on *Pinna nobilis*. Bathymetric range 0–450 m

	mamillaris Schmidt, 1868; *Hircinia panicea* Schmidt, 1862; *Hircinia typica* Nardo, 1847; *Hircinia variabilis* Schmidt, 1862; *Hircinia variabilis* var. *fistulata* Szymanski, 1904; *Hircinia variabilis* var. *galea* Lendenfeld, 1889; *Hircinia variabilis* var. *hirsuta* Schmidt, 1862; *Hircinia variabilis* var. *mammillaris* Schmidt, 1868; *Hircinia variabilis* var. *typica* Nardo, 1847; *Ircinia fasciculata* sensu Vacelet, 1959; *Ircinia fasciculata* var. *variabilis* (Schmidt, 1862); *Ircinia flavescens* (Schmidt, 1862); *Ircinia hebes* (Schmidt, 1862); *Ircinia hirsuta* (Schmidt, 1862); *Ircinia hospitum* Nardo, 1833; *Ircinia lingua* (Schmidt, 1868); *Ircinia panicea* (Schmidt, 1862); *Ircinia rigida* Nardo, 1833; *Ircinia spongiastrum* Nardo, 1833; *Ircinia tenax* Nardo, 1833; *Ircinia typica* (Nardo, 1847); *Ircinia variabilis* var. *typica* Nardo, 1847; *Spongia cavernosa* sensu Nardo, 1833; *Spongia licheniformis* var. *gamma* Lamarck, 1814				
Ircinia wistarii Wilkinson, 1978		Benthic sessile aquatic animal holobiont	Indo-Pacific	Heron Island, Wistari Reef, GBR (Australia)	Marine, coral reefs

Ircinia sp. CMB-01064		Benthic sessile aquatic animal holobiont	South Pacific	Durras Island, Australia	Marine
Ircinia sp. CMB-03363		Benthic sessile aquatic animal holobiont	South Pacific	Australia	Marine
Ircinia sp. 1		Benthic sessile aquatic animal holobiont	Atlantic	Canary Islands (Spain) Atlantic	Marine
Ircinia sp. 2		Benthic sessile aquatic animal holobiont	Atlantic	Gulf of Mexico, Atlantic	Marine
Ircinia sp. 3		Benthic sessile aquatic animal holobiont	Red Sea	Hurgada (Egypt) Red Sea	Marine
Ircinia sp. 4		Benthic sessile aquatic animal holobiont	Pacific	Iriomote Island, Okinawa (Japan) Pacific	Marine
Ircinia sp. 5		Benthic sessile aquatic animal holobiont	South Pacific	Australia	Marine
Ircinia sp. 6		Benthic sessile aquatic animal holobiont	Atlantic	Ouakam, Dakar (Senegal)	Marine
Ircinia sp. 7		Benthic sessile aquatic animal holobiont	Pacific	Okinawa, Japan	Marine
Ircinia sp. 8		Benthic sessile aquatic animal holobiont	South Pacific	Pacific Conquest Porpoise Cay, Wreck Reef, Queensland (Australia)	Marine
Ircinia sp. 9	*Ircinia formosana* Shen, Lo, Lin, Khalil, Kuo & Shih, 2006 (nomen nudum)	Benthic sessile aquatic animal holobiont	Pacific: East China Sea, Taiwan	Taiwan	Marine
Ircinia sp. 10		Benthic sessile aquatic animal holobiont	South Pacific	New Zealand	Marine

		Ircinia sp. 11		Benthic sessile aquatic animal holobiont	Pacific	Fiji	Marine
		Ircinia sp. 12		Benthic sessile aquatic animal holobiont	Atlantic, Caribbean	Palomino Island, Puerto Rico	Marine
		Ircinia sp. 13		Benthic sessile aquatic animal holobiont	Pacific	Okinawa, Japan	Marine
		Ircinia sp. 14		Benthic sessile aquatic animal holobiont	South Pacific	New Zealand	Marine
Jaspis Gray, 1867	Ancorinidae Schmidt, 1870	*Jaspis* cf. *johnstonii* (Schmidt, 1862)	*Asteropus incrustans* Lendenfeld, 1898; *Vioa johnstonii* Schmidt, 1862; *Xenospongia johnstonii* (Schmidt, 1862)	Benthic sessile aquatic animal holobiont	Mediterranean: cosmopolitan; Atlantic: Canary, Madeira, Azores Islands, Gulf of Guinea, Sahelian Upweling, Caribbean	New Guinea	Marine, rocks,
		Jaspis stellifera (Carter, 1879)	*Amorphina stellifera* Carter, 1879; *Coppatias stellifera* (Carter, 1879); *Jaspis coriacea* (Carter, 1886); *Stellettinopsis coriacea* Carter, 1886	Benthic sessile aquatic animal holobiont	Indo-Pacific: Bassian, Palau, Australia	Okinawa (Japan)	Marine, rocks, shallow lagoons encrusting dead corals, coral rubble and generally available hard substrates
		Jaspis sp.		Benthic sessile aquatic animal holobiont	Pacific	South China	Marine
Lamellodysidea Cook & Bergquist, 2002	Dysideidae Gray, 1867	*Lamellodysidea herbacea* (Keller, 1889)	*Carteriospongia cordifolia* Keller, 1889; *Dysidea herbacea* (Keller, 1889); *Dysideopsis palmata* Topsent, 1897; *Dysideopsis topsenti* Hentschel, 1912; *Phyllospongia* complex de Laubenfels, 1954; *Phyllospongia cordifolia* (Keller, 1889); *Spongelia delicatula* Row, 1911;	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia, Afuran Sea, Coral Sea, Bismarck Sea, Indonesia, New Caledonia, Maldives, Hawai'i, New Caledonia, Singapore, Caroline Islands; Red Sea	Gulf of Suez (Red Sea)	Marine, lagoons, on the inner reef barrier slope or on the pinnacles

			Spongelia herbacea Keller, 1889				
Latrunculia du Bocage, 1869	Latrunculiidae Topsent, 1922	*Latrunculia* (*Latrunculia*) *brevis* Ridley & Dendy, 1886	*Latrunculia brevis* Ridley & Dendy, 1886·	Benthic sessile aquatic animal holobiont	Pacific: New Caledonia; Atlantic: Namaqua, Malvinas; Indian: Heard and McDonnald Islands	Australia	Marine, rocks
		Latrunculia sp. 1		Benthic sessile aquatic animal holobiont	Indo-Pacific	Indo-Polynesian	Marine
		Latrunculia sp. 2		Benthic sessile aquatic animal holobiont	Indo-Pacific	Jervis Bay, Australia	Marine
		Latrunculia sp. 3		Benthic sessile aquatic animal holobiont	Indo-Pacific	Australia	Marine
		Latrunculia sp. (C006879)		Benthic sessile aquatic animal holobiont	Indo-Pacific	Indo-Polynesian	Marine
Leiosella Lendenfeld, 1888	Spongiidae Gray, 1867	*Leiosella idia* (de Laubenfels, 1932)	*Spongia* (*Spongia*) *idia* de Laubenfels, 1932; *Spongia idia* de Laubenfels, 1932·	Benthic sessile aquatic animal holobiont. Is prey of mollusc nudibranch *Cadlina luteomarginata*, that accumulates sponge-derived sesterterpenes for own defense.	North Pacific: California (USA)	San Diego,California (USA)	Marine, rocks
Lendenfeldia Bergquist, 1980	Thorectidae Bergquist, 1978	*Lendenfeldia chondrodes* (Laubenfels, 1954)	*Fasciospongia chondrodes* (de Laubenfels, 1954) unaccepted (genus transfer); *Spongionella chondrodes* de Laubenfels, 1954 unaccepted (genus transfer)	Benthic sessile aquatic animal holobiont	Indian and Pacific: Malacca Strait, Caroline Islands, Singapore, Micronesia, Japan	Milky Way Lake (Palau), Japan (Okinawa)	Marine, encrusts coral rubble sometimes, also living coral, lake, lagoons

		Lendenfeldia dendyi (Lendenfeld, 1889)	*Phyllospongia* (*Antheroplax*) *dendyi* Lendenfeld, 1889; *Phyllospongia dendyi* Lendenfeld, 1889	Benthic sessile aquatic animal holobiont	Indo-Pacific: Caroline Islands, Australia, Maldives, East African Coast, Madagascar	Great Barrier Reef; Nicobar Islands Australia; Andaman Islands, India	Marine, rocks, reef, dead coral on sand
		Lendenfeldia frondosa (Lendenfeld, 1889)	*Phyllospongia dendyi* var. *frondosa* Lendenfeld, 1889	Benthic sessile aquatic animal holobiont	Pacific	Solomon Islands; Papua New Guinea	Marine, rocks, reef, dead coral on sand
		Lendenfeldia sp. 1		Benthic sessile aquatic animal holobiont	Indian	Barren Islands (Madagascar)	Marine
		Lendenfeldia sp. 2		Benthic sessile aquatic animal holobiont	Indian	Barren Islands (Madagascar)	Marine
		Lendenfeldia sp. 3		Benthic sessile aquatic animal holobiont	South Pacific	Taiwan	Marine
		Lendenfeldia sp. 4		Benthic sessile aquatic animal holobiont	Pacific	Mariana Islands	Marine
		Lendenfeldia sp. 5		Benthic sessile aquatic animal holobiont	Indo-Pacific	Indonesia	Marine
		Lendenfeldia sp. 6		Benthic sessile aquatic animal holobiont	Indo-Pacific	Australia	Marine
Luffariella Thiele, 1899	Thorectidae Bergquist, 1978	*Luffariella geometrica* Kirkpatrick, 1900		Benthic sessile aquatic animal holobiont	Pacific: Australia, and Easter Islands, Tuvalu	Australia	Marine, rocks, reef
		Luffariella variabilis (Poléjaeff, 1884)	*Luffaria calyx* Lendenfeld, 1889; *Luffaria variabilis* Poléjaeff, 1884	Benthic sessile aquatic animal holobiont	Indo-Pacific: Malacca Strait, Caroline Islands, Singapore, Society Islands, Philippines	GBR (Australia); Sepanggar Island, Sabah (Malaysia); Palau	Marine, rocks, reef
		Luffariella cf. *variabilis*		Benthic sessile aquatic animal holobiont	Indian	Mayotte Island (Indian Ocean)	

		Luffariella sp. 1		Benthic sessile aquatic animal holobiont	Indo-Pacific	Australia	
		Luffariella sp. 2		Benthic sessile aquatic animal holobiont	Indo-Pacific	Pohnpei (Federated States of Micronesia)	
		Luffariella sp. 3		Benthic sessile aquatic animal holobiont	Pacific	Okinawa, Japan	
		Luffariella sp. 4		Benthic sessile aquatic animal holobiont	Pacific	Taiwan	
		Luffariella sp. 5		Benthic sessile aquatic animal holobiont	Pacific	Palau	
		Luffariella sp. 6		Benthic sessile aquatic animal holobiont	Pacific	Palau	
Monanchora Carter, 1883	Crambeidae Lévi, 1963	*Monanchora* sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Gageo Island (Korea)	Marine, encrust dead areas of reefs, encrusting form especially around the bases of living coral heads
		Monanchora sp. 2		Benthic sessile aquatic animal holobiont	North Pacific	Aleutian Islands of Alaska, EEUU	Marine
Mycale Gray, 1867	Mycalidae Lundbeck, 1905	*Mycale* (*Arenochalina*) *laxissima* (Duchassaing & Michelotti, 1864)	*Acamas laxissima* Duchassaing & Michelotti, 1864; *Esperella nuda* Ridley & Dendy, 1886; *Hircinia cartilaginea* var. *horrida* Hyatt, 1877; *Hircinia horrida* Hyatt, 1877; *Hircinia purpurea* Whitfield, 1901; *Ircinia cartilaginea* var. *horrida* (Hyatt, 1877); *Mycale* (*Acamasina*) *laxissima* (Duchassaing & Michelotti, 1864); *Mycale angulosa* sensu Laubenfels, 1936; *Mycale*	Benthic sessile aquatic animal holobiont	Atlantic: Brazil, Florida, Bahamas; Caribbean: Antilles.	San-Felipe Island (Cuba)	Marine, harbor poles and reefs

	hyatti Pulitzer-Finali, 1986; *Mycale jamaicaensis* Pulitzer-Finali, 1986; *Mycale laxissima* (Duchassaing & Michelotti, 1864); *Mycale mucifluens* Pulitzer-Finali, 1986; *Mycale whitfieldi* Pulitzer-Finali, 1986; *Strongylacidon horridum* (Hyatt, 1877); *Thorecta horrida* (Hyatt, 1877)				
Mycale (Arenochalina) mirabilis (Lendenfeld, 1887)	*Mycale* (*Carmia*) cf. *spongiosa*; *Arenochalina mirabilis* Lendenfeld, 1887; *Esperella spongiosa* Dendy, 1896; *Mycale* (*Arenochalina*) *tylostrongyla* Pulitzer-Finali, 1982; *Mycale* (*Naviculina*) *mirabilis* (Lendenfeld, 1887); *Mycale fistulata* Hentschel, 1911; *Mycale fistulata* var. *macrochela* Hentschel, 1911; *Mycale mirabilis* (Lendenfeld, 1887); *Mycale spongiosa* (Dendy, 1896); *Mycale tylostrongyla* Pulitzer-Finali, 1982; *Naviculina mirabilis* (Lendenfeld, 1887)	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia, Seychelles, Coral Sea, India, Sri Lanka	Wasp Head, Durras (Australia)	Marine reefs, rocks, dead coral, living coral
Mycale sp. 1		Benthic sessile aquatic animal holobiont	Indian	Thailand	Marine
Mycale sp. 2		Benthic sessile aquatic animal holobiont	Indian	Thailand	Marine
Mycale sp. 3		Benthic sessile aquatic animal holobiont	Indian	Thailand	Marine

Oscarella Vosmaer, 1884	Oscarellidae Lendenfeld, 1887	*Oscarella balibaloi* Pérez, Ivanišević, Dubois, Pedel, Thomas, Tokina & Ereskovsky, 2011		Benthic sessile aquatic animal holobiont	Mediterranean	Marseille (France) Mediterranean	Marine, overgrowing massive sponges, gorgonians or some erected bryozoans
Petrosaspongia Bergquist, 1995	Thorectidae Bergquist, 1978	*Petrosaspongia nigra* Bergquist, 1995		Benthic sessile aquatic animal holobiont	Pacific: New Caledonia	New Caledonia	Marine, reefs, rocks, sandy, dead coral, sediments, lagoons
		Petrosaspongia sp.			South Pacific	Fiji	
Phorbas Duchassaing & Michelotti, 1864	Hymedesmiidae Topsent, 1928	*Phorbas areolatus* (Thiele, 1905)	*Anchinoe areolata* (Thiele, 1905); *Hymedesmia areolata* Thiele, 1905	Benthic sessile aquatic animal holobiont	Southern Atlantic: Maldivas, South Georgia, Uruguay, Argentina; Antarctic: South Shetland	South Shetland Islands (Antarctica)	Marine, rocks
		Phorbas sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Howe Sound British Columbia (Canada)	Marine
		Phorbas sp. 2		Benthic sessile aquatic animal holobiont	Pacific	Korea	Marine
		Phorbas sp. 3		Benthic sessile aquatic animal holobiont	Pacific	Howe Sound British Columbia (Canada)	Marine
		Phorbas sp. 4		Benthic sessile aquatic animal holobiont	Pacific	Korea	Marine
		Phorbas sp. 5		Benthic sessile aquatic animal holobiont	Pacific	Gageo Island, Korea	Marine
		Phorbas sp. 6		Benthic sessile aquatic animal holobiont	Pacific	British Columbia (Canada)	Marine
Phyllospongia Ehlers, 1870	Thorectidae Bergquist, 1978	*Phyllospongia foliascens* (Pallas, 1766)	*Spongia foliascens* Pallas, 1766; *Carteriospongia foliascens* (Pallas, 1766); *Hircinia* (*Polyfibrospongia*) *flabellifera* (Bowerbank, 1877); *Spongia othaitica* Lamarck,	Benthic sessile aquatic animal holobiont	Indo-Pacific: East South-East African coast, Madagascar, Maldives, Seychelles, New Zealand, Australia,	Okinawa (Japan), Papua New Guinea, Indonesia, GBR (Australia); South China;	Marine, tropical, subtropical reefs, shallow sandy lagoons

	1814; *Spongia penicillata* Esper, 1794		Solomon Islands, Banda Sea, Bismarck Sea; Red Sea.	Chidiapatu Andamans, India.	
Phyllospongia lamellosa (Esper, 1794)	*Cacospongia lamellosa* (Esper, 1794); *Carteriospongia lamellosa* (Esper, 1794); *Carteriospongia radiata* Hyatt, 1877; *Carteriospongia radiata* var. *complexa* Hyatt, 1877; *Carteriospongia radiata* var. *dulsiana* Hyatt, 1877; *Carteriospongia radiata* var. *radiata* Hyatt, 1877; *Mauricea lacinulosa* Carter, 1877; *Phyllospongia papyracea polyphylla* (Lamarck, 1814); *Phyllospongia radiata* (Hyatt, 1877); *Spongia laciniata* Lamarck, 1814; *Spongia lamellosa* Esper, 1794; *Spongia polyphylla* Lamarck, 1814; *Strepsichordaia radiata* (Hyatt, 1877)	Benthic sessile aquatic animal holobiont	Indian-Pacific: Australia, African coast; Red Sea.	Hurghada (Egypt) Red Sea; Indo-West Pacific Ocean	Marine, reefs, rocks
Phyllospongia papyracea (Esper, 1806)	*Carteriospongia madagascarensis* Hyatt, 1877; *Phyllospongia* (*Spongionella*) *distans* Lendenfeld, 1889; *Phyllospongia* (*Spongionella*) *madagascarensis* (Hyatt, 1877); *Phyllospongia* (*Spongionella*) *papyracea* (Esper, 1806); *Phyllospongia coriacea* Thiele, 1899); *Phyllospongia distans* Lendenfeld, 1889; *Phyllospongia holdsworthi* (Bowerbank, 1873); *Phyllospongia*	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia, New Zealand, India, African Coast, Madagascar; Red Sea	Madagascar; Hainan Island, China; Papua New Guinea; Sangihe Island; Indonesia	Marine, clear water marine habitats such as reefs, lagoons and intertidal flats

			madagascarensis (Hyatt, 1877); *Spongia papyracea* Esper, 1806; *Spongionella holdsworthii* Bowerbank, 1873				
		Phyllospongia vermicularis Lendenfeld, 1889	*Phyllospongia* (*Carteriospongia*) *vermicularis* Lendenfeld, 1889; *Carteriospongia vermicularis* (Lendenfeld, 1889); *Carterispongia vermicularis* (Lendenfeld, 1889); *Phyllospongia* (*Carteriospongia*) *vermicularis* Lendenfeld, 1889	Benthic sessile aquatic animal holobiont	Indo-Pacific	Solomon Islands	Marine
		Phyllospongia sp. 1		Benthic sessile aquatic animal holobiont	Indo-Pacific	Makassar (Indonesia)	Marine
		Phyllospongia sp. 2		Benthic sessile aquatic animal holobiont	Indo-Pacific	Australia	Marine
		Phyllospongia sp. 3	*Carteriospongia* sp.	Benthic sessile aquatic animal holobiont	Indo-Pacific	Tai-tung, Taiwan	Marine
		Phyllospongia sp. 4	*Carteriospongia* sp.	Benthic sessile aquatic animal holobiont	Indian	Madagascar	Marine
		Phyllospongia sp. 5	*Carteriospongia* sp.	Benthic sessile aquatic animal holobiont	Indo-Pacific	Indonesia	Marine
		Phyllospongia sp. 6	*Phyllospongia chondrodes* Wrong taxonomy	Benthic sessile aquatic animal holobiont	Pacific	Okinawa (Japan)	Marine
Pleraplysilla Topsent, 1905	Dysideidae Gray, 1867	*Pleraplysilla spinifera* (Schulze, 1879)	*Pleraplysilla minchini* Topsent, 1905*; Spongelia spinifera* Schulze, 1879	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic: Macaronesia, Canary, Cape Verde, Azores; North Sea	Mediterranean	Marine, growing on *Paramuricea chamaeleon*

Polyfibrospongia Bowerbank, 1877	Thorectidae Bergquist, 1978	*Polyfibrospongia flabellifera* Bowerbank, 1877	Orig. Name: *Polyfibrospongia flabellifera* Bowerbank, 1877. Synonymised names: *Carteriospongia flabellifera* (Bowerbank, 1877) (reverted genus)	Benthic sessile aquatic animal holobiont	South Pacific	Vanuatu	Marine
Psammocinia Lendenfeld, 1889	Irciniidae Gray, 1867	*Psammocinia halmiformis* (Lendenfeld, 1888)	*Hircinia* (*Psammocinia*) *halmiformis* Lendenfeld, 1888; *Hircinia halmiformis* Lendenfeld, 1888	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia	Australia	Marine, reef, rocks
		Psammocinia sp. 1		Benthic sessile aquatic animal holobiont	Indo-Pacific	Durras Island, Australia	Marine
		Psammocinia sp. 2		Benthic sessile aquatic animal holobiont	Indo-Pacific	Australia	Marine
		Psammocinia sp. 3		Benthic sessile aquatic animal holobiont	Indo-Pacific	Australia	Marine
		Psammocinia sp. 4		Benthic sessile aquatic animal holobiont	Indo-Pacific	Korea	Marine
		Psammocinia sp. 5		Benthic sessile aquatic animal holobiont	Indo-Pacific	Australia	Marine
		Psammocinia sp. 6		Benthic sessile aquatic animal holobiont	Indo-Pacific	North Sulawesi, Indonesia	Marine
		Psammocinia sp. 7		Benthic sessile aquatic animal holobiont	Indo-Pacific	Korea	Marine
		Psammocinia sp. (CMB-03344)		Benthic sessile aquatic animal holobiont	Indo-Pacific	Port Phillip Heads, Victoria, Australia	Marine
		Psammocinia sp. (CMB-01008)		Benthic sessile aquatic animal holobiont	Indo-Pacific	Durras Island, Australia	Marine

		Psammocinia sp. (CMB-02858)		Benthic sessile aquatic animal holobiont	Indo-Pacific	Barwon Heads, Victoria, Australia	Marine
Rhabdastrella Thiele, 1903	Ancorinidae Schmidt, 1870	*Rhabdastrella* cf. *distincta* (Thiele, 1900)	*Coppatias distinctus* Thiele, 1900	Benthic sessile aquatic animal holobiont	Indo-Pacific: Sulawesi and Makassar Sea	Hainan, the South China Sea	Marine, reefs, rocks, lagoons
		Rhabdastrella globostellata (Carter, 1883)	*Aurora globostellata* (Carter, 1883); *Coppatias carteri* (Ridley, 1884); *Geodia globostellata* (Carter, 1883); *Jaspis carteri* (Ridley, 1884); *Stelletta globostellata* Carter, 1883; *Stellettinopsis carteri* Ridley, 1884; *Stellettinopsis purpurea* Carter, 1886	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia, New Zealand, African coast, Madagascar, Seychelles, China Sea, New Caledonia, Caroline Islands, Vietnam, Jaba Sea, Coral Sea, Maldives, Papua, Micronesia, Fiji, India	New Caledonia; Hainan Island, South China	Marine, reefs, rocks, lagoons
Rhopaloeides Thompson, Murphy, Bergquist & Evans, 1987	Spongiidae Gray, 1867	*Rhopaloeides* sp.		Benthic sessile aquatic animal holobiont	Pacific	Sada-misaki, Ehime Prefecture, (Japan)	Marine, rocks
Sarcotragus Schmidt, 1862	Irciniidae Gray, 1867	*Sarcotragus fasciculatus* (Pallas, 1766)	*Spongia fasciculata* Pallas, 1766; *Hircinia* (*Sarcotragus*) *fasciculata* (Pallas, 1766); *Hircinia fasciculata* (Pallas, 1766); *Ircinia fasciculata* (Pallas, 1766); *Spongia fasciculata* Pallas, 1766; *Spongia fasciculata* sensu Esper, 1794; stinker sponge	Benthic sessile aquatic animal holobiont	Caribbean: Venezuela; Atlantic: Brazil, Cape Verde.	Naples (Italy)	Marine, cave, rocky bottom, *Posidonia oceanica* meadow, coralligenous community. Bathymetric range 1-100 m.
		Sarcotragus spinosulus Schmidt, 1862	*Filifera* (*Sarcotragus*) *spinosulus* Schmidt, 1862; *Hircinia* (*Sarcotragus*) *spinosula* Schmidt, 1862; *Hircinia spinosula* (Schmidt, 1862); *Hircinia spinulosa*; *Ircinia* (*Sarcotragus*) *spinosula* Schmidt, 1862; *Ircinia*	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic: Gulf of Guinea, South European Antlantic Shelf, Macaronesia, Madeira, Canary Islands, Azores	Italy	Marine, cave, rocky, detritic and muddy bottom, coralligenous community, lagoons, *Posidonia oceanica* meadow, epibiotic on *Pinna nobilis*. Bathymetric range 1–60 m

			spinosula (Schmidt, 1862); *Sarcotragus spinosula* Schmidt, 1862				
		Sarcotragus sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Chuja-do (Korea)	Marine
		Sarcotragus sp. 2		Benthic sessile aquatic animal holobiont	Pacific	Cheju Island (Korea)	Marine
		Sarcotragus sp. 3		Benthic sessile aquatic animal holobiont	Pacific	New Zealand	Marine
		Sarcotragus sp. 4		Benthic sessile aquatic animal holobiont	Pacific	Jaeju Island, Korea	Marine
		Sarcotragus sp. 5		Benthic sessile aquatic animal holobiont	Pacific	Durras, Wales, Australia	Marine
		Sarcotragus sp. 6		Benthic sessile aquatic animal holobiont	Pacific	Zew Zealand	Marine
Scalarispongia Cook & Bergquist, 2000	Thorectidae Bergquist, 1978	*Scalarispongia scalaris* (Schmidt, 1862	*Aplysinopsis massa* f. *lobulosa* Topsent, 1934; *Aplysinopsis massa* f. *osculata* Topsent, 1934; *Aplysinopsis massa* f. *porrecta* Topsent, 1934; *Cacospongia scalaris* Schmidt, 1862; *Stelospongia scalaris* (Schmidt, 1862)*;* leather sponge	Benthic sessile aquatic animal holobiont. Prey of nudibranch *Hypselodoris fontandraui* (Pruvot-Fol, 1951) actively grazing	Mediterranean; Atlantic Macaronesia, Canary Islands, Cape Verde, Azores; Pacific	Gulf of Astakos (Greece); Tarifa, Spain	Marine, cave, rocky/detritic/muddy bottom, coralligenous community, *Posidonia oceanica* meadow, lagoons, artificial reefs, epibiotic on P*inna nobilis*. Bathymetric range 1–250 m
		Scalarispongia cf. *scalaris* (Schmidt, 1863		Benthic sessile aquatic animal holobiont	Pacific	Japan	Marine
		Scalarispongia cf. *linteiformis* (Lamarck, 1814)	*Spongia linteiformis* Lamarck, 1814; *Cacospongia linteiformis* (Lamarck, 1814)	Benthic sessile aquatic animal holobiont	Atlantic, Caribbean	Grand Bahama Island, Bahamas (Caribbean)	Marine

		Scalarispongia sp.		Benthic sessile aquatic animal holobiont	Pacific	Dokdo (Korea)	Marine, reefs, rocks
Semitaspongia Cook & Bergquist, 2000	Thorectidae Bergquist, 1978	*Semitaspongia bactriana* Cook & Bergquist, 2000	*Semitaspongia bactriana* Cook & Bergquist, 2000	Benthic sessile aquatic animal holobiont	New Zealand	New Zealand	Marine
Sigmosceptrella Dendy, 1922	Podospongiidae Laubenfels, 1936	*Sigmosceptrella fibrosa* (Dendy, 1897)	*Latrunculia conulosa* Hallmann, 1912; *Spirastrella fibrosa* Dendy, 1897	Benthic sessile aquatic animal holobiont	Indo-Pacific: Australia	Flinders, Victoria (Australia)	Marine, rocks
		Sigmosceptrella sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Okinawa (Japan)	Marine, coral reef
		Sigmosceptrella sp. 2		Benthic sessile aquatic animal holobiont	Pacific	Great Australian Bight, Australia	Marine
Smenospongia Wiedenmayer, 1977	Thorectidae Bergquist, 1978	*Smenospongia* sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Gagu-D (Korea)	Marine, reefs, rocks
		Smenospongia sp. 2		Benthic sessile aquatic animal holobiont	Pacific	Soheuksan Island, (Korea)	Marine, reefs, rocks
Spongia Linnaeus, 1759	Spongiidae Gray, 1867	*Spongia* sp. 1		Benthic sessile aquatic animal holobiont	Atlantic	Ohio and Grassy Keys, Florida (USA)	Marine, rocks
		Spongia sp. 2		Benthic sessile aquatic animal holobiont	Pacific	Toyama Bay, Japan Sea	Marine, rocks
		Spongia sp. 3		Benthic sessile aquatic animal holobiont	Pacific	Toyama Bay, Japan Sea	Marine reefs, rocks, dead coral, living coral
		Spongia sp. 4		Benthic sessile aquatic animal holobiont	Pacific	Tong-Yong City (South Korea)	Marine reefs, rocks, dead coral, living coral
		Spongia sp. 5		Benthic sessile aquatic animal holobiont	Pacific	Tong-Yong City (South Korea)	Marine, rocks

Spongia sp. 6		Benthic sessile aquatic animal holobiont	Pacific	Vanuatu Islands, Australia	Marine reefs, rocks, dead coral, living coral, lagoons; growing on sides of coral heads, in gullies, and on walls of coral reefs
Spongia sp. 7		Benthic sessile aquatic animal holobiont	Pacific	Vanuatu Islands, Australia	
Spongia sp. 8		Benthic sessile aquatic animal holobiont	Pacific	Australia	
Spongia sp. 9		Benthic sessile aquatic animal holobiont	Pacific	Australia	
Spongia sp. 10		Benthic sessile aquatic animal holobiont	Pacific	Great Australian Bight, (Australia)	
Spongia sp. 11		Benthic sessile aquatic animal holobiont	Pacific	Borneo	
Spongia sp. 12		Benthic sessile aquatic animal holobiont	South Pacific	Tong-Yong City, Korea	
Spongia (Spongia) agaricina Pallas, 1766	*Spongia agaricina* Pallas, 1766 *Hippospongia agaricina* (Pallas, 1766); *Spongia agaricina* Pallas, 1766; *Spongia thienemanni* Arndt, 1943	Benthic sessile aquatic animal holobiont	Mediterranean	Cádiz, Spain	
Spongia (*Spongia*) *hispida* Lamarck, 1814	*Cacospongia mollior* sensu Ridley, 1884; *Euspongia irregularis* Lendenfeld, 1886; *Euspongia irregularis* var. *areolata* Whitelegge, 1901; *Euspongia irregularis* var. *dura* Lendenfeld, 1889; *Euspongia irregularis* var. *frondosa* Lendenfeld, 1889; *Euspongia*	Benthic sessile aquatic animal holobiont	Indo-Pacific: Sri Lanka, India, Australia, New Zealand, Madagascar, Banda Sea, Hawai'i; Red Sea	GBR (Australia); Papua New Guinea	Marine, coral reefs, rocks, lagoons

	irregularis var. *jacksoniana* Lendenfeld, 1886; *Euspongia irregularis* var. *lutea* Lendenfeld, 1886; *Euspongia irregularis* var. *mollior* (sensu Ridley, 1884); *Euspongia irregularis* var. *silicata* Lendenfeld, 1886; *Euspongia irregularis* var. *tenuis* Lendenfeld, 1886; *Euspongia irregularis* var. *villosa* Lendenfeld, 1889; *Spongia* (*Spongia*) *irregularis* (Lendenfeld, 1889); *Spongia hispida* Lamarck, 1814; *Spongia irregularis* (Lendenfeld, 1889); *Spongia irregularis* var. *mollior* (sensu Ridley, 1884)				
Spongia (*Spongia*) *matamata* de Laubenfels, 1954	*Spongia matamata* de Laubenfels, 1954; *Spongia officinalis matamata* de Laubenfels, 1954	Benthic sessile aquatic animal holobiont	Pacific: Marshall Islands, Palau	Marine lake at Palau, Western Caroline Islands	Marine reefs, rocks, dead coral, living coral, lagoons
Spongia (*Spongia*) *nitens* (Schmidt, 1862)	*Ditela nitens* Schmidt, 1862; *Euspongia nitens* (Schmidt, 1862); *Euspongia officinalis* var. *nitens* (Schmidt, 1862); *Spongia nitens* (Schmidt, 1862); *Spongia officinalis nitens* (Schmidt, 1862)	Benthic sessile aquatic animal holobiont	Mediterraenan; Atlantic Macaronesia, Canary Islands, Cape Verde, Azores	Italy Mediterranean	Marine, cave, coralligenous community. Bathymetric range 0–15 m.
Spongia (*Spongia*) *oceanica* de Laubenfels, 1950	*Spongia oceanica* de Laubenfels, 1950·	Benthic sessile aquatic animal holobiont. Prey of *Glossodoris rufomarginata* (before *C. youngbleuthi*) that takes	Pacific: Hawai'i	Pupukea (Hawai'i) Pacific	Marine, reefs, rocks, dead-coral

		sesterterpenes for own defense			
Spongia (*Spongia*) *officinalis* Linnaeus, 1759	*Euspongia officinalis* (Linnaeus, 1759); *Euspongia officinalis* var. *adriatica* Schmidt, 1862; *Spongia adriatica* Schmidt, 1862; *Spongia officinalis* Linnaeus, 1759; *Spongia officinalis mediterranea* Hyatt, 1877; *Spongia officinalis mediterranea* var. *tubuliformis* Hyatt, 1877; *Spongia officinalis mediterranea* var. *zimocciformis* Hyatt, 1877; *Spongia officinalis* var. *adriatica* Schmidt, 1862; *Spongia quarnerensis* Schmidt, 1862	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic Macaronesia, Canary Islands, Cape Verde, Azores; Caribbean (inaccurate)	Naples (Italy); Adriatic; Sicily Mediterranean	Marine, cave, coralligenous community, rocky/detritic/muddy/sandy bottom, lagoons, coralligenous community, *Posidonia oceanica* meadow. Bathymetric range 1–70 m
Spongia (*Spongia*) *tubulifera* Lamarck, 1814	*Euspongia officinalis* var. *rotunda* (Hyatt, 1877); *Euspongia tubulifera* (Lamarck, 1814); *Luffaria rupicola* Duchassaing & Michelotti, 1864; *Spongia officinalis tubulifera* Lamarck, 1814; *Spongia officinalis tubulifera* var. *aperta* Hyatt, 1877; *Spongia officinalis tubulifera* var. *disciformis* Hyatt, 1877; *Spongia officinalis tubulifera* var. *duplex* Hyatt, 1877; *Spongia officinalis tubulifera* var. *exotica* Hyatt, 1877; *Spongia officinalis tubulifera* var. *rotunda* Hyatt, 1877; *Spongia tubulifera* Lamarck, 1814; *Spongia tubulifera* var.	Benthic sessile aquatic animal holobiont	Caribbean; Atlantic: Bermuda	Mexican Caribbean	Marine reefs, rocks, dead coral, living coral

			disciformis Hyatt, 1877; *Spongia tubulifera* var. *osculata* Duchassaing & Michelotti, 1864; *Spongia tubulifera* var. *porosa* Duchassaing & Michelotti, 1864; *Spongia tubulifera* var. *rotunda* Hyatt, 1877				
		Spongia (*Spongia*) *virgultosa* (Schmidt, 1868)	*Euspongia officinalis* var. *tubulosa* Schulze, 1879; *Euspongia virgultosa* Schmidt, 1868; *Spongia officinalis tubulosa* (Schulze, 1879); *Spongia virgultosa* (Schmidt, 1868)	Benthic sessile aquatic animal holobiont	Mediterranean; Atlantic Macaronesia, Canary Islands, Cape Verde, Azores	Italy, Spain Mediterranean	Marine, cave, coralligenous, detritic/muddy bottom, lagoons, artificial reef, *Posidonia oceanica* meadow, epibiotic on *Pinna nobilis*. Generally covered by epibionts in turbulent superficial water. Bathymetric range 1–50 m
Spongionella Bowerbank, 1862	Dictyodendrillidae Bergquist, 1980	*Spongionella* sp. 1		Benthic sessile aquatic animal holobiont			Marine
		Spongionella sp. 2		Benthic sessile aquatic animal holobiont	Pacific	Japan	Marine
Stelletta Schmidt, 1862	Ancorinidae Schmidt, 1870	*Stelletta tenuis* Lindgren, 1897		Benthic sessile aquatic animal holobiont	Indo-Pacific: Java		Marine, coral reefs, rocks
Strepsichordaia Bergquist, Ayling & Wilkinson, 1988	Thorectidae Bergquist, 1978	*Strepsichordaia aliena* (Wilson, 1925)	*Phyllospongia aliena* Wilson, 1925	Benthic sessile aquatic animal holobiont	Indo-Pacific: Palawan, Northen Borneo	Indonesia	Marine, coral reefs, rocks, lagoons
		Strepsichordaia lendenfeldi Bergquist, Ayling & Wilkinson, 1988		Benthic sessile aquatic animal holobiont	Pacific: GBF (Australia)	GBR (Australia)	Marine reefs, rocks, dead coral, sandy bottom, lagoons
Suberea Bergquist, 1995	Aplysinellidae Bergquist, 1980	*Suberea* sp. 1		Benthic sessile aquatic animal holobiont	Pacific	Philippines	Marine reefs, rocks, dead coral, sandy bottom, lagoons

		Suberea sp. 2		Benthic sessile aquatic animal holobiont	Pacific	Madnag, Papua New Guinea	Marine
Suberites Nardo, 1833	Suberitidae Schmidt, 1870	*Suberites caminatus* Ridley & Dendy, 1886		Benthic sessile aquatic animal holobiont	Antarctic Ocean: Antarctica; Atlantic: South Georgia Island, East coast of South America; Indian: Marion and Prince Edward Islands	Antarctica	Marine, rocks, sandy bottoms
		Suberites sp. 1		Benthic sessile aquatic animal holobiont	Antarctic	Antarctica	Marine
		Suberites sp. 2		Benthic sessile aquatic animal holobiont	Antarctic	Antarctica	Marine
Taonura Carter, 1882	Thorectidae Bergquist, 1978	*Taonura marginalis* (Lendenfeld, 1888)	*Cacospongia exemplum* var. *terminus* Carter, 1886; *Thorecta exemplum* var. *marginalis* Lendenfeld, 1888; *Thorecta marginalis* Lendenfeld, 1888	Benthic sessile aquatic animal holobiont	Pacific: Australia	New South Wales (Australia)	Marine, reefs, rocks,
Thorecta Lendenfeld, 1888	Thorectidae Bergquist, 1978	*Thorecta* sp.		Benthic sessile aquatic animal holobiont	Pacific	New Zealand	Marine, rocks
Thorectandra Lendenfeld, 1889	Thorectidae Bergquist, 1978	*Thorectandra* sp. 1		Benthic sessile aquatic animal holobiont			Marine
		Thorectandra sp. *2*		Benthic sessile aquatic animal holobiont		Palau	Marine, reefs, rocks
		Thorectandra excavatus (Ridley, 1884)	*Stelospongia excavata* (Ridley, 1884); *Stelospongus excavatus* Ridley, 1884	Benthic sessile aquatic animal holobiont	Pacific: Australia, New Zealand	Darwin (Australia)	Marine, reefs, rocks
Xestospongia Laubenfels, 1932	Petrosiidae van Soest, 1980	*Xestospongia* sp.		Benthic sessile aquatic animal holobiont	Pacific	Sikao Bay (Thailand)	Marine, rocks

Dictyoceratida sponge	Order Dictyoceratida Minchin, 1900	Dictyoceratida sp.	Benthic sessile aquatic animal holobiont	South Pacific	Palau	Marine
Unidentified sponge		Unidentified sponge 1	Benthic sessile aquatic animal holobiont	Pacific	Australia	Marine
Unidentified sponge		Unidentified sponge 2	Benthic sessile aquatic animal holobiont	Red Sea	Egypt (Red Sea)	Marine
Unidentified sponge		Sponge NSOO9	Benthic sessile aquatic animal holobiont	Pacific	Okinawa, Japan	Marine

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Table S3. Accepted name, family, species, synonyms, lifestyle, geographical distribution, and collection site of the selected Mollusca [1]

Accepted genus name and protologue	**Family**	**Species**	**Synonyms**	**Lifeform / Ecology**	**Geographical distribution**	**Collection site (specimens with sesterterpenoids)**	**Environment**
Ardeadoris Rudman, 1984	Chromodorididae Bergh, 1892	*Ardeadoris averni* (Rudman, 1985)	*Glossodoris averni* Rudman, 1985	Nudibranch benthic motile mollusk, brilliant red margins and white body. The rhinophores and gills are the same shade as the margin, the depth of colour, frilliness and width of which is variable; feed on Dictyoceratidae sponges; simultaneous hermaphrodites	Australia	Gneerings Reef and at Mudjimba Island offshore from Mooloolaba, Queensland (Australia)	Marine, coral reefs
Cadlina Bergh, 1879	Cadlinidae Bergh, 1891	*Cadlina luteomarginata* MacFarland, 1966	*Cadlina marginata* MacFarland, 1905 (invalid: junior secondary homonym of *Doris marginata* Montagu, 1804, a species of *Cadlina* synonymous with *C. laevis; C. luteomarginata* is a replacement name)	Nudibranch benthic motile mollusk, white with yellow capped tubercles, a yellow border to mantle and foot, and yellow tipped gills and rhinophores, edges of gill and rhinophore pockets also lined yellow; feed on a variety of spiculate sponges and accumulate terpenoid defense; simultaneous hermaphrodites	North Atlantic	Howe Sound, British Columbia (Canada); San Diego, California (USA)	Marine, feeding on *Phorbas* sp. Most of the terpenoids from *C. luteomarginat*a are sequestered from sponge diet, but a subset is biosynthesized de novo by the nudibranch.
Chromodorididae Bergh, 1891	*Ceratosoma brevicaudatum* Abraham, 1876	*Ceratosoma brevicaudatum* Abraham, 1876	*Ceratosoma adelaidae* Basedow & Hedley, 1905*; Ceratosoma oblongum* Abraham, 1876	Nudibranch benthic motile mollusk, shape slug-like with gill structures visible as a single cluster on the back of the animal, pattern includes shades or colours of white, orange and/or red; feeds on sponges and accumulate terpenoid defense; simultaneous hermaphrodites	Pacific	Australia	Marine, living on sponge prey. These derivatives of thiofurodysinin acetate may derive from *Dysidea* sp. and *Dysidea avara*, where they have been also detected
		Chromodoris aspersa (Gould, 1852)	*Chromodoris inornata* Pease, 1871; *Chromodoris pallescens* Bergh, 1875; *Doris amabilis* Kelaart, 1859; *Doris aspersa* Gould, 1852; *Doris punctulifera* Bergh, 1874; *Glossodoris inornata* Pease, 1871	Nudibranch benthic motile mollusk, white body and foot covered with magenta spots, most surrounded by a translucent ring. The rhinophores are yellow-orange and the gills vary from pale yellow to orange; feed on orange thin sponges; simultaneous hermaphrodite	Pacific	Koino-ura, Fukuoka prefecture, (Japan)	Marine, rocks, reefs
		Chromodoris hamiltoni Rudman, 1977		Nudibranch benthic motile mollusk, blue background colour, can be very pale, usually three thin dark blue-black lines down the mantle but sometimes there	Indic: Kenya, Madagascar, Tanzania	Aliwal Shoal, Durban (South Africa)	Marine, living on their sponge prey

				can be extra lines and sometimes the inner lines can be replaced by broader diffuse brown or orange lines; feed on sponges and accumulate terpenoid defenses; simultaneous hermaphrodites			
		Chromodoris lineolata (van Hasselt, 1824)	unaccepted: *Chromodoris funerea* Collingwood, 1881			Kaibakku Lake, Palau	Marine
		Chromodoris willani Rudman, 1982		Nudibranch benthic motile mollusk, bluish white or translucent white background and dark blue or black longitudinal stripes, white spots or specks on both gills and rhinophores, which can range from a watery translucent to a straw yellow-brown, feeds on sponges in the family Thorectidae like *Cacospongia mycofijiensis* and *Semitaspongia*, and other (*e.g*., *Luffariella variabilis*); simultaneous hermaphrodite	*Cacospongia mycofijiensis* and *Semitaspongia*, and other sponges in the family Thorectidae (*e.g*., *Luffariella variabilis*),	Okinawa (Japan)	Marine, feeds on a sponge containing precursor compounds the sesterterpenes manoalide and secomanoalide (*e.g*., *Luffariella variabilis*), and is likely to biotransform them into the sesterterpenes
Curnon d'Udekem d'Acoz, 2017	Curnonidae d'Udekem d'Acoz, 2017	*Curnon granulosa* (Vayssière, 1906)	*Charcotia granulosa* Vayssière, 1906	Nudibranch benthic motile mollusk, translucent white with branches of pink digestive gland showing through the skin, mantle is bordered by an opaque white band and the dorsal surface is covered by pointed tubercles which are tipped with white pigment, rhinophores are translucent and tipped with white; simultaneous hermaphrodite	Antarctica	Deception and Livingston Islands (South Shetland Islands) Antarctica	Marine, rocks
Doriprismatica d'Orbigny, 1839	Chromodorididae Bergh, 1891	*Chromolaichma sedna* (Ev. Marcus & Er. Marcus, 1967)	*Casella sedna* Ev. Marcus & Er. Marcus, 1967; *Casella sedna* Ev. Marcus & Er. Marcus, 1967 (original combination); *Chromodoris fayae Lance, 1968; Chromodoris sedna* (Ev. Marcus & Er. Marcus, 1967); *Doriprismatica sedna* (Ev. Marcus & Er. Marcus, 1967);	Nudibranch benthic motile mollusk, body and mantle translucent white with both foot and mantle bordered with three colour bands: an inner opaque white, then red and an outer yellow band, upper half of the rhinophore clubs and the tips of the gills are red; simultaneous hermaphrodites	Caribbean: Gulf of Mexico; Atlantic; Pacific: Mexican Tropical Pacific	Natural Park of Osa Ballena in Costa Rica	Marine, feeds exclusively on spiculated demosponges, includes 17 different prey species known.

			Glossodoris sedna (Ev. Marcus & Er. Marcus, 1967)				
		Doriprismatica atromarginata (Cuvier, 1804)	*Doris atromarginata* Cuvier, 1804*; Casella atromarginata* (Cuvier, 1804); *Casella atromarginata* var. *pallida* Bergh, 1905; *Casella maccarthyi* (Kelaart, 1859); *Casella philippinensis* Bergh, 1874; *Doris atromarginata* Cuvier, 1804 (original combination); *Doris maccarthyi* Kelaart, 1859; *Glossodoris atromarginata* (Cuvier, 1804); *Glossodoris maccarthyi* (Kelaart, 1858*);* *Goniodoris atromarginata* (Cuvier, 1804)	Nudibranch benthic motile mollusk, hard lemon-yellow body with an ruffled margin edged in black, portion of its body raised, black edging is also on the feathery gills and feathery rhinopores, black rings where the rhinophores emerge from the body; feeds on sponges: *Hyattella* sp., *Fasciospongia* sp., *Spongia* sp. and *Luffariella* sp.; simultaneous hermaphrodites; Cheesecake nudibrach	Red Sea, Indo-Pacific: Asutralia	Mandapam (India); Mudjimba Island and the Gneerings Reef in Mooloolaba, South East Queensland (Australia)	Marine, living on sponge preys: *Hyattella* sp., *Fasciospongia* sp., *Spongia* sp. and *Luffariella* sp
Felimare Ev. Marcus & Er. Marcus, 1967	Chromodorididae Bergh, 1891	*Felimare orsinii (Vérany, 1846)*	*Chromodoris orsinii* (Vérany, 1846); *Doris orsinii* Vérany, 1846; *Glossodoris coelestis* (Deshayes in Fredol, 1865); *Glossodoris orsinii* (Vérany, 1846); *Goniodoris coelestis* Deshayes in Fredol, 1865; *Hypselodoris coelestis* (Deshayes in Fredol, 1865); *Hypselodoris orsinii* (Vérany, 1846)	Nudibranch benthic motile mollusk, blue to dark blue with a yellow to white submarginal line, a central white line, blue rhinophores and posterior dermic mantle glands; feeds on *Cacospongia* spp. sponges, from which it obtains sesterterpene compunds and derivatives; simultaneous hermaphrodite	Mediterranean Atlantic: Spain, Cantabric	Spain, Italy	Marine, living on sponges prey, including *Cacospongia mollior, C. scalaris, Dysidea fragilis, Ircinia fasciculata, Petrosia* spp.
		Felimare tricolor (Cantraine, 1835)	*Chromodoris tricolor* (Cantraine, 1835); *Doris tricolor* Cantraine, 1835 (original combination); *Felimare midatlantica* (Gosliner, 1990); *Glossodoris tricolor* (Cantraine, 1835); *Hypselodoris midatlantica* Gosliner, 1990; *Hypselodoris tricolor* (Cantraine, 1835); *Mexichromis tricolor* (Cantraine, 1835)	Nudibranch benthic motile mollusk, blue to dark blue with a yellow submarginal line, a central yellow line and two discontinuous lateral white lines; feeds on sponge *Cacospongia mollior;* simultaneous hermaphrodites	Mediterranean; Atlantic Macaronesia, Canary Islands, Cape Verde, Azores	Pupukea (Hawai'i) Hainan Island Pacific; Hainan Island, South China Sea	Marine, roaming on a black sponge (prey *Cacospongia mollior*)

		Chromolaichma dalli (Bergh, 1879)	*Felimida dalli* (Bergh, 1879), *Glossodoris dalli* (Bergh, 1879), *Chromodoris banksi* Farmer, 1963; *Chromodoris banksi banksi* Farmer, 1963; *Chromodoris banksi sonora* Er. Marcus & Ev. Marcus, 1967; *Chromodoris dalli* Bergh, 1879 (original combination); *Chromodoris sonora* Er. Marcus & Ev. Marcus, 1967; *Felimida dalli* (Bergh, 1879); *Glossodoris dalli* (Bergh, 1879)	Nudibranch benthic motile mollusk, translucent white with black-brown spots, sometimes orange to red spots or greenish spots on a blackish mantle. Rhinophores and gills are white with orange or light red tips.The mantle margin is orange or light red; feeds on sponges; simultaneous hermaphrodites	Pacific	Natural Park of Osa Ballena in Costa Rica	Marine, feeds exclusively on spiculated demosponges: *e.g. Hyrtios erectus*
Glossodoris Ehrenberg, 1831	Chromodorididae Bergh, 1891	*Glossodoris cincta* (Rüppell & Leuckart, 1830)	*Casella cincta* Bergh, 1888; *Casella cincta* Bergh, 1888; *Casella foxi* O'Donoghue, 1929	Nudibranch benthic motile mollusk, mottled brown body with bluish white (outer), then black, then yellow (inner) bands on the heavily folded mantle edge, and the foot. Philippines - Indonesia colour form bluish outer band on the mantle edge but the inner black and yellow lines tend to merge into a dull khaki band. The East African animals (lack a distinct bluish white band at the mantle edge. Feeds on sponge *Cacospongia* spp.; simultaneous hermaphrodite	Red Sea; Pacific: Guam, Australia; Indic:India	Guam	Marine, feeding on sponge *Cacospongia* sp
		Glossodoris hikuerensis (Pruvot-Fol, 1954)		Nudibranch benthic motile mollusk, pale-brown body which is covered by speckled white dots. It has a very frilly mantle edged with brown-black-brown lines. Its gills are semi-translucent white, and its rhinophores have the same speckled pale-brown pattern as its body; feed on sponges, like *Hyrtios erectus*; simultaneous hermaphrodite	Pacific: Tuamotu Islands	Lizard Island, GBR (Australia)	Marine, reefs; on *Hyrtios erectus*. When disturbed, releases a milky-white substance which is a form of chemical defence
		Glossodoris pallida (Rüppell & Leuckart, 1830)	*Doris pallida* Rüppell & Leuckart, 1830; *Chromodoris pallida* (Rüppell & Leuckart, 1830); *Doris pallida* Rüppell & Leuckart,	Nudibranch benthic motile mollusk, white mantle and yellow or orange border; feeds on sponge *Cacospongia* spp.; simultaneous hermaphrodite	Red Sea; Pacific: Guam, Australia	Guam	Marine, feeding on sponge *Cacospongia* sp.

			1830 (original combination); *Doris xantholeuca* Ehrenberg, 1831; *Glossodoris xantholeuca* (Ehrenberg, 1831)				
		Glossodoris rufomarginata (Bergh, 1890)	*Casella rufomarginata* Bergh, 1890; *Chromodoris rufomarginata* (Bergh, 1890); *Chromodoris youngbleuthi* Kay & Young, 1969 (original combination); *Chromolaichma youngbleuthi* (Kay & Young, 1969); *Glossodoris youngbleuthi* (Kay & Young, 1969)	Nudibranch benthic motile mollusk, externally by the orange-brown speckled pattern on the mantle, the orange-brown mantle border and the broad white submarginal band; feeds on Dictyoceratida sponge; simultaneous hermaphrodites		Pupukea (Hawai'i) Hainan IslandPacific; Hainan Island, South China Sea	Marine, In Hawaii this species take sesterterpenes for own defense from *Spongia oceanica; Glossodoris rufomarginat*a from China feed on sponges Dictyoceratida containing scalaradial.
		Glossodoris vespa Rudman, 1990		Nudibranch benthic motile mollusk, mantle is black with fine white specks and a broad yellow submarginal band around the mantle skirt both dorsally and ventrally. The body and foot are also black and there is a paler yellow submarginal band around the edge of the foot. The gills and the rhinophores are also black, the gill lamellae being translucent; feed on Dictyoceratidasponges; simultaneous hermaphrodites	Australia	Gneerings Reef and at Mudjimba Island offshore from Mooloolaba, Queensland (Australia); Mooloolaba, Queensland (Australia)	Marine reefs
Hypselodoris Stimpson, 1855	Chromodorididae Bergh, 1891	*Hypselodoris capensis* (Barnard, 1927)	*Glossodoris capensis* Barnard, 1927	Nudibranch benthic motile mollusk, white-bodied dorid with a smooth skin, opaque white lines along the notum and irregular reddish-orange spots, broken blue-purple margin. It has eight gills arranged around the anus and its rhinophores are perfoliate. The rhinophores and gill edges are orange;feeds on sponges *Fasciospongia* sp. and *Dysidea* sp.; simultaneous hermaphrodites	South Africa	Tsitsikamma Marine Reserve (South Africa)	Marine, living on prey sponges, *Fasciospongia* sp. and *Dysidea* sp.

References

1. WoRMS Editorial Board, World register of marine species, http://www.marinespecies.org, (accessed 05_05_2024).

Table S4. Accepted name, family, species, synonyms, lifestyle, geographical distribution, and collection site of the selected Cnidaria[1]

Accepted genus name and protologue	Family	Species	Synonyms	Lifeform / Ecology	Geographical distribution	Collection site (specimens with sesterterpenes)	Environment
Cladocora Ehrenberg, 1834	Cladocoridae Milne Edwards & Haime, 1857	*Cladocora caespitosa* (Linnaeus, 1767)	*Madrepora caespitosa* Linnaeus, 1767 Orig. Name; *Caryophyllia caespitosa* (Linnaeus, 1767)·superseded combination; *Cladocora astraearia* Sars, 1857·junior subjective synonym; *Cladocora caespitosa* var. *megastoma* Ehrenberg, 1834·junior subjective synonym; *Cladocora caespitosa* var. *microstoma* Ehrenberg, 1834·junior subjective synonym; *Cladocora cespitosa* (Linnaeus, 1767)·incorrect subsequent spelling; *Cladocora cespitosa* var. *astraearia* Sars, 1857·junior subjective synonym; *Cladocora cespitosa* var. *stellaria* Milne Edwards & Haime, 1848 junior subjective synonym; *Cladocora cespitosa* var. *typica* Pax & Müller, 1954·junior subjective synonym; *Cladocora stellaria* Milne Edwards & Haime, 1848·junior subjective synonym; *Hoplangia pallaryi* Joubin, 1930·junior subjective synonym; *Madrepora caespitosa* Linnaeus, 1767·superseded combination (basionym); *Matrepora caespitosa* (Linnaeus, 1767)·superseded combination	Cushion coral forms the only true coral reef in the Mediterranean, polyps are a clear maroon colour, 5 mm in diameter, lives in symbiosis with zooxanthellae algae, produce deposits of calcium carbonate; spawner, gonochoric.	Mediterranean	Águilas, Murcia (Spain)	Marine, rocks, coralligenous, maximum depth of 40m

References

1. WoRMS Editorial Board, World register of marine species, http://www.marinespecies.org, (accessed 05_05_2020).

Table S5. Accepted name, family, species, synonyms, and geographical distribution of the selected Insecta

Accepted name [1]	Family	Synonyms	Geographical distribution	References
Ceroplastes albolineatus Cockerell, 1894	Coccidae Fallén, 1814	*Ceroplastes albolineatus* Cockerell, 1894: 157. Type data: JAMAICA: Kingston, on ornamental shrub. Syntypes, female, by subsequent designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, District of Columbia, USA. accepted valid name; *Ceroplastes albolineatus vulcanicus* Cockerell, 1903: 160. Type data: MEXICO: Volcan de Colima, on low bush below pines. Syntypes, female, Type depository: London: The Natural History Museum, England, UK Washington: United States National Entomological Collection, U.S. National Museum of Natural History, District of Columbia, USA. accepted valid name	Mexico, Jamaica, Brazil (described from Jamaica)	[1, 2]
Ceroplastes ceriferus Fabricius, 1798	Coccidae Fallén, 1814	*Coccus ceriferus* Fabricius, 1798: 546. Type data: INDIA: Coromandel Coast, probably collected on *Maytenus emarginatus*. Syntypes, female, accepted valid name Notes: For details on the type material see De Lotto, 1971; *Coccus (Ceroplastes) chilensis* Gray, 1828: 7. Type data: CHILE: on branches and peduncles of unidentified tree. Syntypes, preadult female, Type depository: London: The Natural History Museum, England, UK. junior synonym (discovered by Green 1899: 191); *Ceroplastes ceriferus* (Fabricius, 1798); Walker 1852: 1087. change of combination; *Ceroplastes australiae* Walker, 1852: 1087. Type data: AUSTRALIA: Sydney. Syntypes, female, Type depository: London: The Natural History Museum, England, UK. junior synonym (discovered by Green 1899: 191); *Columnea cerifera* (Fabricius, 1798); Targioni Tozzetti 1866: 144. change of combination; *Columnea chilensis* (Gray, 1828); Targioni Tozzetti 1866: 145. change of combination; *Lacca alba* Signoret, 1869: 848. nomen nudum (discovered by Ben-Dov 1993, xxiii); *Ceroplastes ceriferus* Signoret 1869: 848. subsequent use Notes: Author incorrectly cited as Anderson; *Ceroplastes ceriferus* Signoret 1872: 40. subsequent use Notes: Author incorrectly cited as Anderson; *Ceroplastes australae* Green 1904: 375. Misidentification; *Seroplastes ceriferus* Seabra 1925: 32. misspelling of genus name; *Ceroplastes ceriferus* Kiritchenko 1932: 248. subsequent use Notes: Author incorrectly cited as Anderson; *Ceroplastes vayssierei* Mahdihassan, 1933: 561. Type depository: São Paulo: Museu de Zoologia, Universidade de São Paulo, Brazil. replacement name that is unjustified; *Gascardia cerifera* (Fabricius, 1798); De Lotto 1965: 198. change of	Global (described from India)	[1, 2]

		combination Notes: Author incorrectly cited; *Ceroplastes pseudoceriferus* Paik 1978. Misidentification; *Ceroplastes ceriferens* (Fabricius, 1798); Tao 1978: 79. misspelling of species epithet Notes: Author incorrectly cited; *Ceroplastes ceriferens* (Fabricius, 1798); Su 1982: 61. misspelling of species epithet Notes: Author incorrectly cited; *Ceroplastes cerifera* (Fabricius, 1798); Gill 1988: 18. emendation that is unjustified		
Ceroplastes floridensis Comstock, 1881	Coccidae Fallén, 1814	*Ceroplastes vinsonii* Signoret, 1872: 38. Type data: MAURITIUS: on *Eriobotrya japonica.* Syntypes, female, by subsequent designation junior synonym (discovered by Ben-Dov et al. 2000: 424). Notes: Type material probably lost. No type material was found in MNHW, by Ben-Dov and Matile-Ferrero, during a visit (December 1994) at the Vienna Museum of Natural History; *Ceroplastes floridensis* Comstock, 1881: 331. Type data: U.S.A.: Florida, Jacksonville, on Tangerine orange. Lectotype, female, by subsequent designation (Gimpel et al. 1974: 44). Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, District of Columbia, USA. accepted valid name; *Ceroplastes floridensis* Comstock, 1881; Bodenheimer 1953: 112. misspelling of species epithet Notes: Erroneous citation of Maskell as author; *Cerostegia floridensis* (Comstock, 1881) De Lotto 1969: 211. change of combination; *Paracerostegia floridensis* (Comstock, 1881); Tang 1991: 306. change of combination; *Ceroplastes vinsoni* Signoret, 1872; Ben-Dov 1993: 59, 60, 535. misspelling of species epithet.	Global (described from Florida, USA)	[1, 2]
Ceroplastes madagascariensis Targioni Tozzetti, 1893	Coccidae Fallén, 1814	*Gascardia madagascariensis* Targioni Tozzetti, 1893: 88. Type data: MADAGASCAR: on an undetermined tree of the Lauraceae. Syntypes, female, Type depository: Paris: Muséum National d'Histoire naturelle, France. accepted valid name Notes: Type material probably lost; G. Pellizzari Scaltriti, 1990, personal communication to Yair Ben-Dov. Lectotype (designated in Hodgson & Peronti, 2012): South Africa: Left label: Coll. No. / Natal. (S. Africa) / Richmond / ex.: / Coll. Mr. Fuller; right label states: Lectotype (USDA); *Ceroplastes candela* Cockerell & King in Cockerell, 1902: 113. Type data: SOUTH AFRICA: Natal, Richmond. Syntypes, female, Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, District of Columbia, USA. junior synonym (discovered by Hodgson & Peronti 2012: 76). Notes: Host plant of type material not given; *Ceroplastes combreti* Brain, 1920: 27. Type data: South Africa: De Wildt, Pretoria District, on *Combretum* sp. Syntypes, female, Type depository:	Madagascar, South Africa, Brazil (described from Madagascar)	[1, 2]

		Pretoria: South African National Collection of Insects, South Africa. junior synonym (discovered by Hodgson & Peronti 2012: 76); *Ceroplastes madagascariensis* (Targioni Tozzetti, 1893); MacGillivray 1921: 154. change of combination; *Gascardia combreti* (Brain, 1920); De Lotto 1970: 145. change of combination; *Ceroplastes candella* Cockerell & King in Cockerell, 1902; Ben-Dov 1993: 24. misspelling of species epithet		
Ceroplastes pseudoceriferus Green, 1935	Coccidae Fallén, 1814	*Ceroplastes ceriferus*; Green 1921b: 259. Misidentification; *Ceroplastes pseudoceriferus* Green 1935: 180. Type data: SRI LANKA: on undetermined plant, and INDIA: on *Azidarachta indica* and *Diospyros montana*. Syntypes, female, Type depository: London: The Natural History Museum, England, UK; accepted valid name	Asia (described from Sri Lanka and India)	[1, 2]
Ceroplastes rubens Maskell, 1893	Coccidae Fallén, 1814	*Ceroplastes rubens* Maskell, 1893: 214. Type data: AUSTRALIA: Queensland, Brisbane, on *Mangifera indica* and *Ficus* sp. Syntypes, female, Type depository: Auckland: New Zealand Arthropod Collection, Landcare Research, New Zealand. accepted valid name; *Ceroplastes rubens minor* Maskell, 1897: 309. Type data: HONG KONG: on *Pinus sinensis* and *P. thunbergii*. Syntypes, female, Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, District of Columbia, USA. junior synonym (discovered by Gimpel et al. 1974: 57); *Ceroplastes myricae* Green 1900: 8. Misidentification.	Global (described from Australia)	[1, 2]

References

1. M. García Morales, B. D. Denno, D. R. Miller, G. L. Miller, Y. Ben-Dov and N. B. Hardy, ScaleNet: A literature-based model of scale insect biology and systematics, http://scalenet.info, (accessed 06_05_2020).
2. EPPO, *Journal*, 2024.

Table S6. Accepted name, family, species, synonyms, lifestyle, geographical distribution, and common environment of the selected microorganisms

Accepted genus name and protologue	Family	Species	Synonyms	Lifestyle	Geographical distribution	Environment	References
Agrobacterium Conn (1942) emend. Sawada et al. (1993)	Rhizobiaceae Conn (1938)	*Agrobacterium tumefaciens* Smith and Townsend (1907); Conn (1942)	Synonym: *Bacterium tumefaciens* Smith and Townsend (1907); *Pseudomonas tumefaciens* Smith and Townsend (1907), Duggar (1909); *Phytomonas tumefaciens* Smith and Townsend (1907), Bergey et al. (1923); *Polymonas tumefaciens* Smith and Townsend (1907), Lieske (1928)	Symbiont, parasite	Cosmopolitan	Dicotyledons, roots	[1]
Aleurodiscus Rabenh., Hedwigia 13: 184 (1874)	Stereaceae Pilát, Hedwigia 70: 34 (1930)	*Gloeosoma mirabile* (Berk. & M.A. Curtis) Rajchenb., Pildain & C. Riquelme, Mycologia 113 (6): 1272 (2021)	Basionym: *Psilopezia mirabilis* Berk. & M.A.Curtis, Journal of the Linnean Society. Botany 10: 364 (1869); Synonyms: *Acanthophysium mirabile* (Berk. & M.A.Curtis) Parmasto, Eesti NSV Teaduste Akadeemia Toimetised 16: 378 (1967); *Aleurodiscus mirabilis* (Berk. & M.A.Curtis) Höhn., Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften Math.-naturw. Klasse Abt. I 118: 818 (1906); *Aleurodiscus alboroseus* Bres., Annales Mycologici 18 (1-3): 46 (1920); *Aleurodiscus apiculatus* Burt, Annals of the Missouri Botanical Garden 5: 186 (1918); *Aleurodiscus japonicus* Yasuda, Botanical Magazine Tokyo 33: 33 (1919); *Aleurodiscus pallideroseus* Litsch., Symb. sinica, II: 41 (1937); *Corticium peradeniae* Berk. & Broome, Journal of the Linnean Society. Botany 14: 69 (1875); *Aleurodiscus peradeniae* (Berk. & Broome) Henn., Monsunia 1: 139 (1900); *Aleurodiscus peradeniyae* Höhn. & Litsch., Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften Math.-naturw. Klasse Abt. I 117: 1096 (1908); *Terana peradeniae* (Berk. & Broome) Kuntze, Revisio generum plantarum 2: 872 (1891); *Aleurodiscus petelotii* Pat., Bulletin de la Société Mycologique de France 40: 31 (1924); *Aleurodiscus salmoneus* Pat., Bulletin du Muséum d´Histoire Naturelle Paris 30: 407 (1924); *Aleurodiscus sinensis* Teng & L. Ling, Contributions from the Biological Laboratory of the Science Society of China 8: 273 (1933); *Aleurodiscus spinulosus* Henn., Botanische Jahrbücher für Systematik Pflanzengeschichte und Pflanzengeographie 38: 107 (1905); *Corticium*	Parasite	Cosmopolitan	Wood, roots	[2]

			spinulosum (Henn.) Sacc. & Trotter, Sylloge Fungorum 21: 403 (1912); *Aleurodiscus usambarensis* Henn., Botanische Jahrbücher für Systematik Pflanzengeschichte und Pflanzengeographie 34: 43 (1904); *Corticium usambarense* (Henn.) Sacc. & D. Sacc., Sylloge Fungorum 17: 168 (1905)				
Alternaria Nees, System der Pilze und Schwämme: 72 (1817*)*	Pleosporaceae Nitschke, Verh. Naturhist. Vereines Preuss. Rheinl.: 74 (1869)	*Alternaria alternata* (Fr.) Keissl., Beihefte zum Botanischen Centralblatt 29: 433 (1912)	Basionym: *Torula alternata* Fr., Systema Mycologicum 3: 500 (1832). Obligate or homotypic synonyms: *Alternaria tenuis* Nees, System der Pilze und Schwämme: 68, t. 5:68 (1817); *Torula alternata* Fr., Systema Mycologicum 3: 500 (1832). Facultative or heterotypic synonyms: *Macrosporium erumpens* Cooke, Grevillea 12 (61): 32 (1883); *Macrosporium fasciculatum* Cooke & Ellis, Grevillea 6 (37): 6 (1877); *Macrosporium meliloti* Peck, Annual Report on the New York State Museum of Natural History 33: 26 (1883); *Macrosporium polytrichi* Peck, Annual Report on the New York State Museum of Natural History 43: 77 (1890); *Macrosporium seguierii* Allesch., Hedwigia 33: 75 (1894) Synonymy: *Ulocladium* Preuss, Linnaea 24: 111 (1851). Obligate or homotypic synonyms: *Ulocladium* Preuss, Linnaea 24: 111 (1851)	Biotroph, mycorrhizae, saprotroph	Cosmopolitan	Fruits, leaves, roots	[3]
Amycolatopsis Lechevalier et al. (1986)	Pseudonocardiaceae Embley et al. (1989)	*Amycolatopsis tolypomycina* Wink et al. (2003)	Synonym: *Streptomyces tolypophorus* Shibata et al. (1971); *Amycolatopsis tolypomycina* Wink et al. (2003)	Saprotroph	Cosmopolitan	Soil	[4]
Aplosporella Speg., Anales Soc. Ci. Argent. 10 (4): 157 (1880*)*	Aplosporellaceae Slippers, Boissin & Crous, fam. nov., Studies in Mycology 76: 41 (2013)	*Aplosporella javeedii* Jami, Slippers, M.J.Wingf. & Gryzenh., Fungal Biology 118 (2): 174 (2013)	Synonym: *Aplosporella javeedii* Jami, Slippers, M.J.Wingf. & Gryzenh., Fungal Biology 118 (2): 174 (2013)	Parasite, necrotroph	China	Wood	[5]
Arthrinium Kunze, Mykologische Hefte 1: 9 (1817)	Apiosporaceae K.D.Hyde, J.Fröhl., J.E.Taylor & M.E.Barr, Sydowia 50 (1): 23 (1998)	*Arthrinium* Kunze, Mykologische Hefte 1: 9 (1817)	Basionym: *Arthrinium* Kunze, Mykologische Hefte 1: 9 (1817)	Endophyte, saprotroph	Cosmopolitan	Air, plants, soil, marine sponge	[6-9]

Aspergillus P.Micheli ex Haller, Historia stirpium indigenarum Helvetiae inchoata: 113 (1768)	Eurotiomycetidae Geiser & Lutzoni, Mycological Research 111 (5): 528 (2007)	*Aspergillus aurantiobrunneus* (G.A.Atkins, Hindson & A.B.Russell) Raper & Fennell, The Genus *Aspergillus*: 511 (1965)	Synonym: *Emericella nidulans* var. *aurantiobrunnea* G.A.Atkins, Hindson & A.B.Russell, Transactions of the British Mycological Society 41 (4): 504 (1958); *Aspergillus aurantiobrunneus* (G.A.Atkins, Hindson & A.B.Russell) Raper & Fennell, The Genus Aspergillus: 511 (1965); Basionym: *Emericella nidulans* var. *aurantiobrunnea* G.A.Atkins, Hindson & A.B.Russell, Transactions of the British Mycological Society 41 (4): 504 (1958); Obligate or homotypic synonyms: *Aspergillus aurantiobrunneus* (G.A.Atkins, Hindson & A.B.Russell) Raper & Fennell, The Genus Aspergillus: 511 (1965), *Emericella nidulans* var. *aurantiobrunnea* G.A.Atkins, Hindson & A.B.Russell, Transactions of the British Mycological Society 41 (4): 504 (1958)	Saprotroph, lichenized, mycorrhizae, biotroph	Cosmopolitan	Rot, seed, leaf surface	[10-13]
		Aspergillus calidoustus Varga, Houbraken & Samson, Eukaryotic Cell 7 (4): 636 (2008)	Basionym: *Aspergillus calidoustus* Varga, Houbraken & Samson, Eukaryotic Cell 7 (4): 636 (2008)	Parasite, necrotroph, saprotroph	Cosmopolitan	Wood, human pathogen	[14-16]
		Aspergillus clavatus Desm., Ann. Sci. Nat., Bot. 2: 71 (1834)	Basionym: *Aspergillus clavatus* Desm., Ann. Sci. Nat., Bot. 2: 71 (1834)	Saprotroph	Cosmopolitan	Soil	[14-16]
		Aspergillus egyptiacus Moub. & Moustafa, Egypt. J. Bot.: 153 (1972)	Synonyms: *Aspergillus egyptianus* Moub. & Moustafa (1972)	Saprotroph, parasite	Cosmopolitan	Sandy soil, decaying vegetation	[17]
		Aspergillus fischeri Wehmer, Centbl. Bakt. ParasitKde, Abt. I 18: 390 (1907)	Synonyms: *Aspergillus fischeri* var. *glaber* Fennell & Raper, Mycologia 47(1): 74 (1955); *Aspergillus fischeri* var. *spinosus* Raper & Fennell, The Genus Aspergillus: 256 (1965); Aspergillus *fischeri* var. *thermomutatus* Paden, Mycopath. Mycol. appl. 36: 161 (1968); *Aspergillus fischeri* var. *verrucosus* Udagawa & H. Kawas., Trans. Mycol. Soc. Japan 8(3): 118 (1968); *Aspergillus thermomutatus* (Paden) S.W. Peterson, Mycol. Res. 96(7): 549 (1992); *Neosartorya fischeri* (Wehmer) Malloch & Cain, Can. J. Bot. 50: 2620 (1973); *Neosartorya fischeri* var. *glabra* Fennell	Parasite	Cosmopolitan	Humans	[18]

	& Raper, Can. J. Bot. 50(12): 2621 (1973) [1972]; *Neosartorya fischeri* var. *spinosa* Raper & Fennell, The Genus Aspergillus: 256 (1965); *Neosartorya fischeri* var. *verrucosa* (Udagawa & H. Kawas.) Malloch & Cain, Can. J. Bot. 50(12): 2621 (1973) [1972]; *Neosartorya glabra* (Fennell & Raper) Kozak., Mycol. Pap. 161: 56 (1989); *Neosartorya pseudofischeri* S.W. Peterson, Mycol. Res. 96(7): 549 (1992); *Neosartorya spinosa* (Raper & Fennell) Kozak., Mycol. Pap. 161: 58 (1989); *Sartorya fumigata* var. *glabra* (Fennell & Raper) Udagawa & H. Kawas., Trans. Mycol. Soc. Japan 8(3): 115 (1968); *Sartorya fumigata* var. *spinosa* (Raper & Fennell) Udagawa & H. Kawas., Trans. Mycol. Soc. Japan 8(3): 117 (1968); *Sartorya fumigata* var. *verrucosa* Udagawa & H. Kawas., Trans. Mycol. Soc. Japan 8(3): 118 (1968)				
Aspergillus flavus var. *oryzae* (Ahlb.) Kurtzman, M.J.Smiley, Robnett & Wicklow, Mycologia 78 (6): 957 (1986)	Basionym: *Eurotium oryzae* Ahlb., Dingler's Polytechn. J.: 330 (1878) Synonyms: *Aspergillus oryzae* (Ahlb.) Cohn, Jahresber. Schles. Ges. Vaterl. Cult. 61: 226 (1884) Basionym	Saprotroph	Cosmopolitan, hot and humid climate	Rots, decaying vegetation	[19-23]
Aspergillus flocculosus Frisvad & Samson, Studies in Mycology 50 (1): 33 (2004)	Basionym: *Aspergillus flocculosus* Frisvad & Samson, Stud. Mycol. 50 (1): 33 (2004)	Saprotroph	Venezuela, Slovenia, Greece, Costa Rica, Brazil	Decaying vegetation	[24]
Aspergillus insuetus (Bainier) Thom & Church, Manual of the Aspergilli: 153 (1929)	Basionym: *Sterigmatocystis insueta* Bainier, Bulletin de la Société Mycologique de France 24: 85 (1908). Obligate or homotypic synonyms: *Sterigmatocystis insueta* Bainier, Bulletin de la Société Mycologique de France 24: 85 (1908)	Saprotroph, parasite	Cosmopolitan	Wood, soil, *Theobroma cacao*	[14]
Aspergillus nidulans (Eidam) G.Winter,	Basionym: *Sterigmatocystis nidulans* Eidam, Beiträge zur Biologie der Pflanzen 3: 392 (1883). Obligate or homotypic synonyms: *Aspergillus nidulans* mut. *nidulans* (Eidam) G. Winter: 62 (1884);	Saprotroph	Cosmopolitan	Fruits, leaf, seed	[25]

Rabenhorst's Kryptogamen-Flora, Pilze - Ascomyceten 1(2): 62 (1884)	*Diplostephanus nidulans* (Eidam) Neveu-Lem., Précis de Parasitologie Humaine: Parasites Végétaux et Animaux: 101 (1921); *Emericella nidulans* (Eidam) Vuill., Comptes Rendues des Séances Hebdomadaires de l'Académie des Sciences Paris 184: 137 (1927); *Sterigmatocystis nidulans* Eidam, Beiträge zur Biologie der Pflanzen 3: 392 (1883). Teleomorph synonyms: *Emericella nidulans* (Eidam) Vuill., Comptes Rendues des Séances Hebdomadaires de l'Académie des Sciences Paris 184: 137 (1927). Facultative or heterotypic synonyms: *Aspergillus nidulans* var. *cesarii* Pinoy, Bull. Soc. Pathol. Exot.: 11 (1915); *Aspergillus nidulans* var. *dentatus* D.K.Sandhu & R.S.Sandhu, Mycologia 55 (3): 297 (1963); *Aspergillus nidulellus* Samson & W.Gams, Advances in Penicillium and Aspergillus Systematics: 44 (1986); *Emericella dentata* (D.K.Sandhu & R.S.Sandhu) Y.Horie, Transactions of the Mycological Society of Japan 21: 491 (1980); *Emericella nidulans* var. *dentata* (D.K.Sandhu & R.S.Sandhu) Subram., Current Science 41: 758 (1972); *Sterigmatocystis nidulans* var. *nicollei* Pinoy, Arch. Parasitol.: 437 (1906)				
Aspergillus purpureus Samson & Mouch., Antonie van Leeuwenhoek 41 (3): 350 (1975)	Synonyms: *Emericella purpurea* Samson & Mouch., Antonie van Leeuwenhoek 41 (3): 350 (1975) Taxon synonyms	Saprotroph	Egypt	Desert soil, Western Desert	[26, 27]
Aspergillus spectabilis M.Chr & Raper, Mycologia 70: 333 (1978)	Basionym: *Aspergillus spectabilis* M.Chr & Raper, Mycologia 70: 333 (1978) Synonyms: *Emericella spectabilis* M.Chr & Raper, Mycologia 70: 333 (1978)	Saprotroph	Cosmopolitan	Soil	[28]
Aspergillus stellatus Curzi, Rendic. Accad. naz. Lincei: 428 (1934)	Facultative or heterotypic synonyms: *Aspergillus variecolor* Thom & Raper, Mycologia 31 (6): 663 (1939); *Aspergillus variecolor* var. *major* Bat. & H.Maia, Anais da Sociedade de Biologia de Pernambuco 15 (1): 235 (1957); *Emericella variecolor* var. *variecolor* (?); *Inzengaea asterospora* Borzí (?); *Inzengaea erythrospora* Borzí, Jahrbücher für Wissenschaftliche Botanik 16: 450 (1885)	Saprotroph, parasite	Cosmopolitan	Decaying leaves	[29]

		Aspergillus terreus Thom, American Journal of Botany 5 (2): 85 (1918)	Synonyms: *Aspergillus terrestris* Thom, American Journal of Botany 5 (2): 85 (1918)	Saprotroph	Cosmopolitan	Numerous plant substrates	[30]
		Aspergillus unguis (Émile-Weill & L.Gaudin) Dodge, Medical mycology. Fungous diseases of men and other mammals: 637 (1935)	Basionym: *Sterigmatocystis unguis* Émile-Weill & L.Gaudin, Arch. Med. Exp. Anat. Pathol.: 463 (1918). Obligate or homotypic synonyms: *Sterigmatocystis unguis* Émile-Weill & L.Gaudin, Arch. Med. Exp. Anat. Pathol.: 463 (1918). Teleomorph synonyms: *Emericella unguis* Malloch & Cain, Canadian Journal of Botany 50 (1): 62 (1972). Facultative or heterotypic synonyms: *Aspergillus laokiashanensis* Y.K.Shih, Lingnan Sci. J.: 369 (1936); *Aspergillus mellinus* Novobr., Novosti Sistematiki Nizshikh Rastenii 9: 171 (1972)	Saprotroph	Cosmopolitan	Blossoms, corn, fruit	[31]
		Aspergillus undulatus H.Z. Kong & Z.T. Qi, Acta Mycol. Sin.: 211 (1985)	Basionym: *Aspergillus undulatus* H.Z. Kong & Z.T. Qi, Acta Mycol. Sin.: 211 (1985). Taxonomic synonym(s): *Emericella undulata* H.Z. Kong & Z.T. Qi, Acta mycol. sin.: 211 (1986)	saprotroph	China, Germany	Leaves, woods	[32]
		Aspergillus ustus (Bainier) Thom & Church, The Aspergilli: 152 (1926)	Basionym: *Sterigmatocystis usta* Bainier, Bulletin de la Société Botanique de France 28: 78 (1882). Obligate or homotypic synonyms: *Sterigmatocystis usta* Bainier, Bulletin de la Société Botanique de France 28: 78 (1882); *Sterigmatocystis ustus* Bainier (1881). Facultative or heterotypic synonyms: *Aspergillus minutus* Abbott, Iowa State Coll. Journ. Sci. (1927)	Saprotroph	Cosmopolitan, mo common in subtropical and tropical regions	Nut, leaf, corn	[33]
Bipolaris Shoemaker, Canadian Journal of Botany 37 (5): 882 (1959)	Pleosporaceae Nitschke, Verh. Naturhist. Vereines Preuss. Rheinl.: 74 (1869)	*Bipolaris eleusines* (Alcorn & R.G. Shivas, 1990)	Basionym: *Bipolaris crotonis* Sivan., Transactions of the British Mycological Society 84: 404 (1985). *Bipolaris eleusines* Alcorn & R.G. Shivas, Mycotaxon 39: 367 (1990). *Cochliobolus eleusines* Alcorn, Mycotaxon 39: 367 (1990)	Saprotroph, parasite	Cosmopolitan	Potato	[34]
		Bipolaris leersiae (G.F. Atk.) Shoemaker, Canadian Journal of	Basionym: *Helminthosporium leersiae* G.F.Atk., Bulletin of the Cornell University (Science) 3 (1): 47 (1897). Obligate or homotypic synonyms: *Bipolaris leersii* (G.F.Atk.) Shoemaker (1959); *Drechslera leersiae* (G.F.Atk.) Subram. & B.L.Jain, Current Science 35 (14): 354 (1966); *Drechslera leersii* (G.F. Atk.) Subram. & B.L.Jain (1966); *Helminthosporium*	Saprotroph, parasite	Indopacif	Leaves, wood	[35, 36]

Botany 37 (5): 883 (1959)	*leersiae* G.F.Atk., Bulletin of the Cornell University (Science) 3 (1): 47 (1897); *Helminthosporium leersii* G.F.Atk. (1897)				
Bipolaris maydis (Y.Nisik. & C.Miyake) Shoemaker, Canadian Journal of Botany 37 (5): 882 (1959)	Basionym: *Helminthosporium maydis* Y.Nisik. & C.Miyake, Ber. Ohara Inst. landw. Biol.: 243 (1926). Obligate or homotypic synonyms: *Drechslera maydis* (Y.Nisik. & C.Miyake) Subram. & B.L.Jain, Current Science 35 (14): 354 (1966); *Helminthosporium maydis* Y.Nisik. & C.Miyake, Ber. Ohara Inst. landw. Biol.: 243 (1926). Teleomorph synonyms: *Cochliobolus heterostrophus* (Drechsler) Drechsler, Phytopathology 24: 973 (1934); *Ophiobolus heterostrophus* Drechsler, Journal of Agricultural Research 31: 701 (1925).	Saprotroph, lichen, biotroph,	Warm temperate, subtropical, and tropical regions, Indopacific	Living leaves. Multiple hosts but primarily Poaceae	[35, 37, 38]
Bipolaris oryzae (Breda de Haan) Shoemaker, Canadian Journal of Botany 37 (5): 883 (1959)	Synonymy: *Helminthosporium oryzae* Breda de Haan, Bulletin de I'lnstitut Botanique de Buitenzorg 6: 11 (1900); *Drechslera oryzae* (Breda de Haan) Subram. & B.L.Jain, Current Science 35 (14): 354 (1966); *Luttrellia oryzae* (Breda de Haan) Gornostai, Vodorosli, Griby i Mkhi Dal'nego Vostoka: 81 (1978); *Helminthosporium macrocarpum* Grev., Scott. crypt. fl. (Edinburgh): pl. 148 (1825); *Cochliobolus* Drechsler, Phytopathology 24: 973 (1934)	Saprotroph, parasite	Indopacific	Leaves, glumes, coleoptile leaf sheaths, panicle branches, roots of young seedlings, and stems	[39-47]
Bipolaris panici-miliacei (Y.Nisik.) Shoemaker, Canadian Journal of Botany 37 (5): 884 (1959)	Basionym: *Helminthosporium panici-miliacei* Y.Nisik., Spec. Rep. Ohara Inst. Agric. Res.: 120 (1929). Obligate or homotypic synonyms: *Drechslera panici-miliacei* (Y.Nisik.) Subram. & B.L. Jain, Current Science 35 (14): 354 (1966); *Helminthosporium panici-miliacei* Y.Nisik., Spec. Rep. Ohara Inst. Agric. Res.: 120 (1929)	Parasite	Cosmopolitan	Leaves, roots, stems	[35]
Bipolaris setariae Shoemaker, Canadian Journal of Botany 37 (5): 884 (1959)	Obligate or homotypic synonyms: *Drechslera setariae* (Sawada) S.Ito, Proceedings of the Imperial Academy Japan 6 (8): 355 (1930); *Helminthosporium setariae* Sawada, Report of the Department of Agriculture Government Research Institute of Formosa 19: 656 (1919). Teleomorph synonyms: *Cochliobolus setariae* (S.Ito & Kurib.) Drechsler ex Dastur, Indian Journal of Agricultural Sciences 12: 733 (1942); *Ophiobolus setariae* S. Ito & Kurib., Proceedings of the Imperial Academy Japan 6 (8): 352 (1930).	Saprotroph, parasite	Indopacific	Leaves, stems	[48 49]
Bipolaris sorghicola	Basionym: *Helminthosporium sorghicola* Lefebvre & Sherwin, Mycologia 40 (6): 714 (1948). Obligate or	Saprotroph, parasite	Cosmopolitan	Leaves	[38, 50]

		(Lefebvre & Sherwin) Alcorn, Mycotaxon 17: 69 (1983)	homotypic synonyms: *Drechslera sorghicola* (Lefebvre & Sherwin) M.J.Richardson & E.M.Fraser, Transactions of the British Mycological Society 51 (1): 148 (1968); *Helminthosporium sorghicola* Lefebvre & Sherwin, Mycologia 40 (6): 714 (1948); *Bipolaris cookei* (Sacc.) Shoemaker, Canadian Journal of Botany 37 (5): 884 (1959)				
		Bipolaris sorokiniana (Sacc.) Shoemaker, Canadian Journal of Botany 37 (5): 884 (1959)	Basionym: *Helminthosporium sorokinianum* Sacc.: 238 (1891). Obligate or homotypic synonyms: *Drechslera sorokiniana* (Sacc.) Subram. & B.L.Jain, Transactions of the British Mycological Society 47 (4): 613 (1964); *Helminthosporium sorokinianum* Sacc.: 238 (1891). Teleomorph synonyms: *Cochliobolus sativus* (S.Ito & Kurib) Drechsler ex Dastur, Indian Journal of Agricultural Sciences 12: 733 (1942); *Ophiobolus sativus* S.Ito & Kurib, Trans. Sapporo nat. Hist. Soc.: 138 (1929). Facultative or heterotypic synonyms: *Helminthosporium sativum* Pammel, C.M. King & Bakke, Bulletin of Iowa State College: 180 (1910).	Saprotroph, parasite	Cosmopolitan	Leaves, seedlings, roots	[51 52]
Cephalosporium Corda, Icones fungorum hucusque cognitorum 3: 11 (1839)	Hypocreomycetidae O.E.Erikss. & Winka, Myconet 1: 6 (1997)	*Cephalosporium caerulens* Matsumae, Kamio & Hata, The Journal of Antibiotics 16: 236 (1963)	Basionym: *Cephalosporium caerulens* Matsumae, Kamio & Hata, The Journal of Antibiotics 16: 236 (1963)	Saprotroph	Cosmopolitan	Leaves	[53-55]
Chaetomium Kunze, Mykologische Hefte 1: 16 (1817)	Chaetomiaceae G. Winter, 1885	*Chaetomium globosum* Kunze, Mykologische Hefte 1: 16 (1817)	Basionym*: Chaetomium globosum* Kunze, Mykologische Hefte 1: 16 (1817). Taxonomic synonym(s): *Chaetomidium barbatum* Traaen, Nytt Magazin for Naturvidenskapene 52: 19 (1914); *Chaetomium fibripilium* L.M. Ames, Mycologia 42 (5): 642 (1950); *Chaetomium mollipilium* L.M. Ames, Mycologia 42 (5): 644 (1950); *Chaetomium ochraceum* Tschudy, American Journal of Botany 24: 472 (1937); *Chaetomium olivaceum* Cooke & Ellis, Grevillea 6 (39): 96, Pl. 100, fig. 38 (1878); *Chaetomium rectum* Sergeeva, Not. syst. Pl. non-vasc.: 143 (1961); *Chaetomium spiculipilium* L.M. Ames, A monograph of the Chaetomiaceae Ser. 2: 37 (1963); *Chaetomium subglobosum* Sergeeva, Bot. Mater. Otd. Sporov. Rast. Bot. Inst. Komarova Akad. Nauk S.S.S.R. 13: 172 (1960); *Chaetomium*	Saprotroph	Cosmopolitan	Woods	[56]

			subterraneum Swift & Povah, Mycologia 21 (4): 210 (1929); *Chaetomium lusitanicum* M.R.M. Gomes, Estudos e Informação: 3 (1953); *Chaetomium affine* Corda, Icones fungorum hucusque cognitorum 4: 37, tab. 8, fig. 101 (1840); *Chaetomium globosum* var. *affine* Tschudy; *Chaetomium kunzeanum* Zopf (1881); *Chaetomium kunzeanum* var. *chlorina* Sacc.; *Chaetomium spirale* Zopf, Nova Acta Academiae Caesareae Leopoldino-Carolinae Germanicae Naturae Curiosorum 42 (5): 275 (1881)				
Codinaea Maire, Publicacions del Instituto Botánico Barcelona 3 (4): 15 (1937)	Chaetosphaeriaceae Réblová, M.E.Barr & Samuels, Sydowia 51: 56 (1999)	*Codinaea simplex* S. Hughes & W.B.Kendr., New Zealand Journal of Botany 6: 362 (1968)	Basionym: *Tainosphaeria simplex* (S.Hughes & W.B.Kendr.) Réblová & Hern.-Restr., Journal of Fungi 7 (12, no. 1097): 85 (2021); *Dictyochaeta simplex* (S.Hughes & W.B.Kendr.) Hol.-Jech., Folia Geobot. Phytotax. 19 (4): 434 (1984)	Saprotriph	Cosmopolitan, mostly on tropical regions	Soil	[57]
Cunninghamella Matr., Ann. Mycol. 1: 47 (1903)	Cunninghamellaceae Naumov ex R.K.Benj, Aliso 4: 415 (1959)	*Cunninghamella echinulata* (Thaxt.) Thaxt. ex Blakeslee, Bot. Gaz. (London) 40: 161 (1905)	Basionym: *Oedocephalum echinulatum* Thaxt., Botanical Gazette Crawfordsville 16: 17 (1891); Synonyms: *Cunninghamella echinulata* (Thaxt.) Thaxt., Rhodora 5: 98 (1903); *Cunninghamella bainieri* Naumov, Encyclopédie Mycologique 9: 107 (1939); *Cunninghamella dalmatica* Pispek, Acta Botanica Instituti Botanici Regalis Universitatis Zagrebensis 4: 100 (1929); *Cunninghamella echinata* Pispek, Acta Botanica Instituti Botanici Regalis Universitatis Zagrebensis 4: 101 (1929); *Muratella elegans* Bainier & Sartory, Bulletin de la Société Mycologique de France 29: 129 (1913); *Cunninghamella verticillata* F.S.Paine, Mycologia 19: 253 (1927); *Cunninghamella blakesleeana* var. *verticillata* (F.S.Paine) Baijal & B.S.Mehrotra, Sydowia 33: 10 (1980); *Cunninghamella echinulata* var. *verticillata* (F.S.Paine) R.Y.Zheng & G.Q.Chen, Mycosystema: 7 (1996)	Saprtroph	Temperate regions	Soil	[58]
Cytospora Ehrenb. Ex Fries, 1823	Valsaceae Tul. & C.Tul., 1861	*Cytospora rhizophorae* Kohlm. & E.Kohlm., Mycologia 63(4): 847 (1971).		Saprotroph	Guatemala	Roots	[59]

Diaporthe Nitschke, Pyrenomycetes Germanici 2: 240 (1870)	Diaporthaceae Höhn. ex Wehm., American Journal of Botany 13: 638 (1926)	*Diaporthe amygdali* (Delacroix) Udayanga, P.W.Crous & K.D.Hyde, Fungal Diversity 56: 166 (2012)	Basionym: *Fusicoccum amygdali* Delacr., Bulletin de la Société Mycologique de France 21: 182 (1905). Obligate or homotypic synonyms: *Fusicoccum amygdali* Delacr., Bulletin de la Société Mycologique de France 21: 182 (1905); *Phomopsis amygdali* (Delacr.) J.J. Tuset & M.T. Portilla, Canadian Journal of Botany 67 (5): 1280 (1989)	Parasite	Indopacific	Fruits, wood	[60, 61]
Drechslera S.Ito, Proceedings of the Imperial Academy Japan 6 (8): 355 (1930)	Pleosporaceae Nitschke, Verh. Naturhist. Vereines Preuss. Rheinl.: 74 (1869)	*Drechslera gigantea* S.Ito, Proceedings of the Imperial Academy Japan 6 (8): 355 (1930)	Basionym: *Helminthosporium giganteum* Heald & F.A. Wolf, Mycologia 3 (1): 21 (1911). Obligate or homotypic synonyms: *Helminthosporium* Heald & F.A.Wolf, Bot. Misc. 11 (1): 223 + pl. 12, fig. 5 (1911); *Helminthosporium giganteum* Heald & F.A.Wolf, Mycologia 3 (1): 21 (1911)	Saprotroph, lichen, biotroph, mycorrhizae	South Pacific	Fruits, leaves	[62, 63]
Everniastrum Hale ex Sipman, Mycotaxon 26: 237 (1986)	Parmeliaceae Eschw., Systema Lichenum, Genera Exhibens rite distincta, Pluribus Novis Adaucta: 19 (1824)	*Everniastrum rhizodendroideum* (J.C.Wei & Y.M.Jiang) Sipman, Mycotaxon 26: 242 (1986)	Basionym: *Hypotrachyna rhizodendroidea* (J.C.Wei & Y.M.Jiang) Divakar, A.Crespo, Sipman, Elix & Lumbsch, Phytotaxa 132 (1): 32 (2013*);* *Cetrariastrum rhizodendroideum* J.C.Wei & Y.M.Jiang, Acta Phytotaxonomica Sinica 20: 496 (1982)	Saprotroph	China	Roots, soil	[64]
Escherichia Castellani and Chalmers 1919	Enterobacteriaceae Rahn 1937, Ewing et al. 1980, Adeolu et al. 2016	*Escherichia coli* Castellani and Chalmers 1919	Homotypic synonym: *Bacillus coli* (Migula 1895), *Bacterium coli* (Migula 1895), Lehmann and Neumann 1896, *Enterococcus coli*, *Achromobacter* sp., *Bacterium coli* commune (Escherich 1885)	Saprotroph, Parasite	Cosmopolitan	Water, soil	[65]
Exserohilum K.J.Leonard & Suggs, Mycologia 66: 289 (1974)	Pleosporaceae Nitschke, Verh. Naturhist. Vereines Preuss. Rheinl.: 74 (1869)	*Exserohilum turcicum* (Pass.) K.J.Leonard & Suggs, Mycologia 66: 291 (1974)	Basionym: *Helminthosporium turcicum* Pass., Boln Comiz. Agr. Parmense: 3 (1876). Obligate or homotypic synonyms: *Bipolaris turcica* (Pass.) Shoemaker, Canadian Journal of Botany 37 (5): 884 (1959); *Drechslera turcica* (Pass.) Subram. & B.L.Jain, Current Science 35 (14): 355 (1966); *Helminthosporium turcicum* Pass., Boln Comiz. Agr. Parmense: 3 (1876); *Luttrellia turcica* (Pass.) Khokhr., Vodorosli, Griby i Mkhi Dal'nego Vostoka: 81 (1978). Teleomorph synonyms: *Keissleriella turcica* (Luttr.) Arx, The genera of fungi sporulating in pure culture: 126 (1970); *Setosphaeria turcica* (Luttr.) K.J.Leonard & Suggs, Mycologia 66: 295 (1974);	Parasite	Cosmopolitan	Leaves	[66, 67]

			Trichometasphaeria turcica Luttr., Phytopathology 48: 282 (1958. Facultative or heterotypic synonyms: *Helminthosporium inconspicuum* Cooke & Ellis, Grevillea 6 (39): 88 (1878); *Keissleriella turcica* (Luttr.) Arx, The genera of fungi sporulating in pure culture: 126 (1970); *Setosphaeria turcica* (Luttr.) K.J.Leonard & Suggs, Mycologia 66: 295 (1974); *Trichometasphaeria turcica* Luttr., Phytopathology 48: 282 (1958)				
Fusarium Link, Magazin der Gesellschaft Naturforschenden Freunde Berlin 3 (1): 10 (1809)	Nectriaceae Tul. & C.Tul., Selecta Fungorum Carpologia: Nectriei- Phacidiei- Pezizei 3: 3 (1865)	*Fusarium fujikuroi* Nirenberg, Mitt. Biol. Bundesanst. Land- Forstw. 169: 32 (1976)	Basionym: *Fusarium celosiae* Abe, Memoirs of the College of Agriculture Kyoto University 7 (4): 51 (1928); *Gibberella fujikuroi* var. *intermedia* Kuhlman, Mycologia 74: 766 (1982); *Lisea fujikuroi* Sawada, Report of the Department of Agriculture Government Research Institute of Formosa 19: 251 (1919); *Gibberella fujikuroi* (Sawada) Wollenw., Zeitschrift für Parasitenkunde 3: 514 (1931); *Gibberella fujikuroi* f. *oryzae* Saccas, Rev. Path. Vég.: 77 (1951)	Parasite	Cosmopolitan	Soil, seeds	9
		Fusarium heterosporum Nees & T.Nees, Nova Acta Physico-Medica Academiae Caesareae Leopoldino-Carolinae Naturae Curiosorum 9 (1): 235 (1818)	Basionym: *Fusarium heterosporum* Nees & T.Nees Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 9: 235 (1818). Teleomorph synonyms: *Botryosphaeria cyanea* (Sollm.) Weese, Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften Math.-naturw. Klasse Abt. I 128: 707 (1919); *Gibberella cyanea* (Sollm.) Wollenw., Fusaria Autographice Delineata 1: no. 39 (1916); *Gibberella gordonii* C. Booth, The genus Fusarium: 177 (1971); *Sphaeria cyanea* Sollm., Bot. Ztg.: 193 (1863). Facultative or heterotypic synonyms: *Fusisporium lolii* Wm.G. Sm., Diseases of field and garden crops, chiefly as are caused by fungi: 213 (1884).	Biotroph	North America; Europe; Africa; Australia; India	Soil, seeds	68
		Fusarium proliferatum (Matsush.) Nirenberg ex Gerlach & Nirenberg, Mitteilungen der Biologischen	Basionym: *Cephalosporium proliferatum* Matsush., Microfungi of the Solomon Islands and Papua-New Guinea: 11 (1971). Obligate or homotypic synonyms: *Cephalosporium proliferatum* Matsush., Microfungi of the Solomon Islands and Papua-New Guinea: 11 (1971); *Fusarium proliferatum* (Matsush.) Nirenberg, Mitteilungen der Biologischen Bundesanstalt für Land- und Forstwirtschaft 169: 38 (1976)	Parasite	Cosmopolitan	Leaves, roots, fruit	69-72

Bundesanstalt für Land- und Forstwirtschaft 209: 309 (1982)					
Fusarium solani (Mart.) Sacc., Michelia 2 (7): 296 (1881)	Basionym: *Fusisporium solani* Mart., Die Kartoffel-Epidemie der letzten Jahre oder die Stockfäule und Räude der Kartoffeln: 20 (1842). Obligate or homotypic synonyms: *Fusarium solani* (Mart.) Appel & Wollenw., Arbeiten aus der Kaiserlichen Biologischen Anstalt für Land- und Forstwirtschaft 8: 64-78 (1910); *Fusisporium solani* Mart., Die Kartoffel-Epidemie der letzten Jahre oder die Stockfäule und Räude der Kartoffeln: 20 (1842); *Neocosmospora solani* (Mart.) L.Lombard & Crous, Studies in Mycology 80: 228 (2015). Teleomorph synonyms: *Hypomyces haematococcus* var. *breviconus* Wollenw., Fusaria Autographice Delineata 3: 828 (1930); *Nectria haematococca* var. *brevicona* (Wollenw.) Gerlach, Fusarium: Diseases, Biology, and Taxonomy: 422 (1981). Facultative or heterotypic synonyms: *Cylindrocarpon vaginae* C. Booth, Y.M.Clayton & Usherw., Proceedings of the Indian Academy of Sciences (Plant Sciences) 94 (2-3): 436 (1985); *Fusarium solani* f. 2 W.C.Snyder, Zentralblatt für Bakteriologie und Parasitenkunde, Abteilung 2 91: 174 (1934); *Fusarium solani* var. *minus* Wollenw., Fusaria Autographice Delineata 1: 403 (1916); *Fusarium striatum* Sherb., Memoirs of the Cornell University Agricultural Experimental Station 6: 255 (1915); *Nectria cancri* Rutgers, Ann. Jard. Bot. Buitenzorg, II: 59 (1913)	Biotroph	Cosmopolitan	Leaves, wood, roots	[73]
Fusarium subglutinans (Wollenw. & Reinking) P.E.Nelson, Toussoun & Marasas, Fusarium species, an illustrated manual for	Basionym: *Fusarium moniliforme* var. *subglutinans* Wollenw. & Reinking, Phytopathology 15 (3): 163 (1925) Synonyms: *Fusarium sacchari* var. *subglutinans* (Wollenw. & Reinking) Nirenberg, Mitteilungen der Biologischen Bundesanstalt für Land- und Forstwirtschaft 169: 53 (1976); *Fusarium neoceras* var. *subglutinans* (Wollenw. & Reinking) Raillo, Fungi of the genus Fusarium: 263 (1950); *Gibberella subglutinans* (Wollenw. & Reinking) P.E.Nelson, Toussoun & Marasas, Fusarium species, an illustrated	Parasite	Cosmopolitan, wa regions	Corn, cereals, fruits	[74]

		identification: 135 (1983)	manual for identification: 135 (1983); *Fusarium subglutinans* var. *subglutinans*				
Gypsoplaca Timdal, Bibliotheca Lichenologica 38: 423 (1990)	Gypsoplacaceae Timdal, Bibliotheca Lichenologica 38: 423 (1990)	*Gypsoplaca macrophylla* (Zahlbr.) Timdal, Bibliotheca Lichenologica 38: 424 (1990)	Basionym: *Lecidea macrophylla* Zahlbr., Symbolae Sinica 3: 110 (1930); Synonyms: *Gypsoplaca macrophylla* f. *macrophylla* (Zahlbr.) Timdal (1990)	Squamulose	Euroasia, especially in arid and semi-arid habitats, from Austria to Mongolia and western North America, Greenland	Wood, stones	[75]
Halorosellinia Whalley, E.B.G.Jones, K.D.Hyde & Læssøe, Mycological Research 104 (3): 368 (2000)	Xylariaceae Tul. & C.Tul., Selecta Fungorum Carpologia, Tomus Secundus. Xylariei - Valsei - Sphaeriei 2: 3 (1863)	*Halorosellinia oceanica* (S.Schatz) Whalley, E.B.G.Jones, K.D.Hyde & Læssøe, Mycological Research 104 (3): 370 (2000)	Basionym: *Hypoxylon oceanicum* S.Schatz, Mycotaxon 33: 413 (1988). Obligate or homotypic synonyms: *Hypoxylon oceanicum* S.Schatz, Mycotaxon 33: 413 (1988)	Endophyte	Malaysia and South East Asia.	Mangroves	[76]
Haslea R. Simonsen, 1974	*Naviculaceae* Kützing	*Haslea ostrearia* (Gaillon) Simonsen, Meteor. Forschungsergebnisse, Reihe D: Biologie. 19: 47 (1974)	Homotypic synonyms: *Vibrio ostrearius* Gaillon 1820; *Navicula ostrearia* (Gaillon) Bory 1827 Heterotypic synonym: *Amphipleura danica* var. *ostrearia* (Bory) Kützing 1849	Marine pennate diatom	Cosmopolitan	Euryhaline, well adapted to shallow waters, such as oyster ponds	[77-80]
		Haslea pseudostrearia Massé, Rincé & E.J.Cox, C. R. Acad. Sci. Paris, Sciences de la Vie 324: 617 (2001)	-	Marine epibenthic diatom	Kingsbridge estuary (UK)	Intertidal sediments	[78, 81]
		Haslea salstonica Massé, Rincé & E.J.Cox, C. R. Acad. Sci. Paris, Sciences de la		Marine epibenthic diatom	Kingsbridge estuary (UK)	Intertidal sediments	[78, 81]

		Vie 324: 617 (2001)					
Helminthosporium Link, Magazin der Gesellschaft Naturforschenden Freunde Berlin 3 (1): 10 (1809)	Massarinaceae Munk, Friesia 5 (3-5): 305 (1956)	*Helminthosporium abietis* W.B.Cooke & C.G.Shaw, Mycologia 44: 808 (1952)	Basionym: *Helminthosporium abietis* W.B.Cooke & C.G.Shaw, Mycologia 44: 808 (1952)	Saprotroph, parasite	Cosmopolitan	Woods, leaves	[67]
Hericium Pers., Neues Magazin für die Botanik 1: 109 (1794)	Hericiaceae Donk, Persoonia 3 (2): 269 (1964)	*Hericium erinaceus* (Bull.) Pers., Commentatio de Fungis Clavaeformibus: 27 (1797)	Basionym: *Hydnum erinaceus* Bull., Herbier de la France 1: t. 34 (1781). Obligate or homotypic synonyms: *Clavaria erinaceus* (Bull.) Paulet, Traité des champignons 2: index (1793); *Dryodon erinaceus* (Bull.) P.Karst., Bidrag till Kännedom av Finlands Natur och Folk 37: 92 (1882); *Hericium commune* Roques, Histoire des champignons comestibles et vénéneux: 47 (1832); *Hericium erinaceum* (Bull.) Pers. (1797); *Hydnum erinaceus* Bull., Herbier de la France 1: t. 34 (1781); *Steccherinum quercinum* Gray, A natural arrangement of British plants 1: 651 (1821). Facultative or heterotypic synonyms: *Clavaria caput-medusae* Bull., Herbier de la France 9: t. 412 (1789); Clavaria conferta Paulet, Traité des champignons 2: 427, index (1793); *Dryodon juranus* Quél., Comptes Rendus de l´Association Française pour l´Avancement des Sciences 30 (2): 496 (1902); *Hericium grande* Raf., Journal de Botanique (Desvaux) 3: 236 (1813); *Hericium hystrix* Pers., Commentatio de Fungis Clavaeformibus: 27 (1797); *Hericium strictum* Pers., Traité sur les Champignons Comestibles: 252 (1818); *Hericium unguiculatum* Pers., Mycologia Europaea 2: 153 (1825); *Hydnum hystricinum* Batsch, Elenchus fungorum: 113 (1783); *Hydnum notarisii* Inzenga, Giorn. Sci. nat. econ. Palermo: 2 (1866); *Hydnum omasum* Panizzi, Commentario della Società Crittogamologica Italiana 1 (3): 175 (1862); *Manina cordiformis* Scop., Dissertationes ad scientiam naturalem pertinentes: 97, t. 10 (1772); *Martella echinus* Scop., Annus Historico-Naturalis 4: 151 (1770)	Saprotroph	America, Europe, Asia	Woods	[82]
Leprocaulon Nyl., Bulletin de la Société Botanique	Leprocaulaceae Lendemer & Hodkinson,	*Leprocaulon quisquiliare* (Leers) M.Choisy,	Basionym: *Lichen quisquiliaris* Leers, Flora Herbornensis: 264 (1775); Synonyms: *Stereocaulon quisquiliare* (Leers) Hoffm., Deutschlands Flora oder botanisches Taschenbuch. Zweyter Theil für das Jahr	Fruticose	Mild-temperate to Mediterranean	On basic siliceous rocks covered by a thin film of soil;	[59, 83, 84]

de France 25: 352 (1878)	Mycologia 105 (4): 1007 (2013)	Bulletin Mensuel de la Société Linnéenne de Lyon 19: 166 (1950)	1795. Cryptogamie: 130 (1796); *Lichen microscopicus* Vill., Histoire des plantes du Dauphiné 3: 946 (1789); *Leprocaulon microscopicum* (Vill.) Gams ex D.Hawksw., Trans. Proc. Torquay nat. Hist. Soc. 1972-3: 128 (1974); *Leprocaulon microscopicum* (Vill.) Gams, Trans. Proc. Torquay nat. Hist. Soc. 1972-3: 128 (1974); *Stereocaulon microscopicum* (Vill.) Frey: 89 (1932)			on brick walls in archaeological areas, also found on bark (e.g. of *Olea*).	
Lobaria (Schreb.) Hoffm., Deutschlands Flora oder botanisches Taschenbuch. Zweyter Theil für das Jahr 1795. Cryptogamie: 138 (1796)	Lobariaceae Chevall., Flore Générale des Environs de Paris 1: 609 (1826) OPPURE *Peltigeraceae* Dumort.????	*Lobaria isidiosa* (Müll. Arg.) Vain., Philippine Journal of Science Section C Botany 8 (2): 129 (1913)	Basionym: *Sticta retigera* f. *isidiosa* Müll. Arg., Flora (Regensburg) 65 (19): 300 (1882). Obligate or homotypic synonyms: *Cetraria braunsiana* f. *isidiosa* (Müll. Arg.) Zahlbr. (1929); *Lobaria retigera* f. *isidiosa* (Müll. Arg.) Vain., Hedwigia Beiblätter 37: 35 (1898); *Lobarina isidiosa* (Müll. Arg.) Inumaru (1943); *Sticta retigera* f. *isidiosa* Müll. Arg., Flora (Regensburg) 65 (19): 300 (1882)	Broad-lobed foliose	Tropical and subtropical areas of North America, Australia, Africa, Papua New Guinea and New Zealand	On bark and more rarely on moist rocks.	[59, 85, 86]
		Lobaria retigera (Bory) Trevis., Lichenotheca Veneta 1-2: no. 75 (1869)	Basionym: *Lichen retiger* Bory, Voyage dans les quatre principales îles des mers d'Afrique fait par ordre du gouvernement pendant les années IX et X de la république (1801 bis (1802) 1: 391 (1804). Obligate or homotypic synonyms: *Lichen retiger* Bory, Voyage dans les quatre principales îles des mers d'Afrique fait par ordre du gouvernement pendant les années IX et X de la république (1801 bis (1802) 1: 391 (1804); *Lobarina retigera* (Bory) Nyl., Lichenes Insularum Guineensium: 10 (1889); *Phycodiscis retigera* (Bory) Clem., The genera of Fungi: 175 (1909); *Sticta retigera* (Bory) Ach., Lichenographia Universalis: 455 (1810); *Stictina retigera* (Bory) Müll. Arg., Flora (Regensburg) 61 (31): 484 (1878)	Broad-lobed foliose	Tropical and subtropical areas of North America, Australia, Africa, Papua New Guinea and New Zealand	On bark and more rarely on moist rocks	[59, 85]
		Lobaria subretigera Inumaru, Acta phytotax. geobot., Kyoto 10: 214 (1941)	-	Broad-lobed foliose	Broad-lobed foliose	On bark and more rarely on moist rocks	[59]
Lophiostoma Ces. & De Not., Comment. Soc.	Lophiostomataceae Sacc., Syll. Fung. 2: 672 (1883)	*Lophiostoma bipolare* (K.D.Hyde) E.C.Y.Liew,	Basionym: *Lentistoma bipolare* (K.D.Hyde) A.Hashim., K.Hiray. & Kaz. Tanaka, Studies in Mycology 90: 171 (2018); *Massarina bipolaris* K.D. Hyde, Nova Hedwigia 61 (1-2): 131 (1995)	Saprotroph	Indopacific	Woods, decaying vegetable	[87]

Crittog. Ital. 1 (4): 219 (1863)		Aptroot & K.D.Hyde, Mycologia 94 (5): 812 (2002)					
Mollisia (Fr.) P. Karst., Bidrag Kännedom Finlands Natur Folk 19: 15, 189 (1871)	Mollisiaceae Rehm, Rabenhorst's Kryptogamen-Flora, Pilze - Ascomyceten 1(3): 503 (1891)	*Mollisia betulina* (Alb. & Schwein.) Rehm, Berichte der Bayerischen Botanischen Gesellschaft 14: 96 (1914)	Basionym: *Mollisia betulina* (Alb. & Schwein.) Rehm, Berichte der Bayerischen Botanischen Gesellschaft 14: 96 (1914) Synonyms: *Pyrenopeziza betulina* (Alb. & Schwein.) Rauschert, Haussknechtia 4: 54 (1988); Basionym: *Peziza betulina* Alb. & Schwein., Conspectus Fungorum in Lusatiae superioris: 339 (1805); *Perisporium betulinum* (Alb. & Schwein.) Fr., Systema Mycologicum 3 (1): 249 (1829); *Sclerotium betulinum* (Alb. & Schwein.) Fr., Systema Mycologicum 2 (1): 262 (1822); *Melampsora betulina* (Alb. & Schwein.) Desm., Plantes cryptogames du nord de la France Fasc. 41: no. 2047 (1850)	Saprotroph	Cosmopolitan	Decaying vegetable	[88]
Neonothopanus R.H.Petersen & Krisai, Persoonia 17 (2): 210 (1999)	Omphalotaceae Bresinsky, Plant Systematics and Evolution 150: 113 (1985)	*Neonothopanus nambi* (Speg.) R.H.Petersen & Krisai, Persoonia 17 (2): 210 (1999)	Basionym: *Agaricus nambi* Speg., Anales de la Sociedad Científica Argentina 16 (5): 247 (1883); *Dendrosarcus nambi* (Speg.) Kuntze, Revisio generum plantarum 3 (3): 463 (1898); *Pleurotus nambi* (Speg.) Speg., Sylloge Fungorum 5: 372 (1887)	Saprotroph, bioluminescent fungi	South America, Australia	Plant	[89]
Nostoc Lyngbye ex Bornet and Flahault 1886	Nostocaceae Eichler 1886	*Nostoc commune* Vaucher ex Bornet & Flahault, 1888	Basionym: *Nostoc commune* Vaucher ex Bornet & Flahault, 1888	Filamentous cyanobacteria that can form macroscopic or microscopic colonies	Cosmopolitan	Marine, fresh, terrestrial. Different species grow in freshwater biotopes, epipelic, epilithic and epiphytic in unpolluted lakes, ponds and pools, many species grow in different soils (especially the subgenus *Amorphonostoc*) or on their surface	[78, 79, 90, 91]

Penicillium Link, Magazin der Gesellschaft Naturforschenden Freunde Berlin 3 (1): 16 (1809)	Aspergillaceae Link, Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin 1824: 165 (1826)	*Penicillium brasilianum* Bat., Anais Soc. Biol. Pernambuco 15 (1): 162 (1957)	Basionym: *Penicillium brasilianum* Bat., Anais Soc. Biol. Pernambuco 15 (1): 162 (1957)	Saprotroph, parasite	Cosmopolitan	Soil, cereal, fruits	92
		Penicillium citreoviride Biourge, La Cellule 33: 297 (1923)	Basionym: *Penicillium citreoviride* Biourge, La Cellule 33: 297 (1923) Synonyms: *Penicillium citreonigrum* Dierckx, Ann. Soc. Sci. Bruxelles 25 (1): 86 (1901); Basionym: *Penicillium citreonigrum* Dierckx, Ann. Soc. Sci. Bruxelles 25 (1): 86 (1901); *Penicillium citreoviride* var. *aeneum* S. Abe, Journal of General and Applied Microbiology Tokyo 2 (1-2): 58 (1956); *Penicillium aeneum* G. Sm., Transactions of the British Mycological Society 46 (3): 334 (1963); *Penicillium subcinereum* Westling, Arkiv før Botanik 11 (1): 137 (1911); *Penicillium bertai* Talice & J.A.Mackinnon, Annls Parasit. Hum. Comp.: 97 (1929)	Saprotroph, parasite	Cosmopolitan	Soil, cereal	93
		Penicillium citrinum Thom, U.S.D.A. Bureau of Animal Industry Bulletin 118: 61 (1910)	Basionym: *Penicillium citrinum* Thom, U.S.D.A. Bureau of Animal Industry Bulletin 118: 61 (1910) Facultative or heterotypic synonyms: *Citromyces subtilis* Bainier & Sartory, Bulletin de la Société Mycologique de France 28: 46 (1912); *Penicillium aurifluum* Biourge, La Cellule 33: 250 (1923); *Penicillium botryosum* Bat. & H.Maia, Anais da Sociedade de Biologia de Pernambuco 15 (1): 159 (1957); *Penicillium citrinum* var. *pseudopaxilli* Martínez & Ramírez (?); *Penicillium phaeojanthinellum* Biourge, La Cellule 33: 289 (1923); *Penicillium sartorii* Thom (1930); *Penicillium sartoryi* Thom, The Penicillia: 233 (1930).	Saprotroph, parasite	Cosmopolitan	Soil, fruits	94
		Penicillium griseofulvum Dierckx, Ann. Soc. Sci. Bruxelles 25 (1): 88 (1901)	Basionym: *Penicillium griseofulvum* Dierckx, Ann. Soc. Sci. Bruxelles 25 (1): 88 (1901) Synonyms: *Penicillium patulum* Bainier, Bulletin de la Société Mycologique de France 22: 208 (1906); *Penicillium flexuosum* E.Dale, Annales Mycologici 24: 137 (1924); *Penicillium urticae* Bainier, Bulletin de la Société Mycologique de France 23 (1): 15 (1907); *Penicillium duninii* Sidibe, Mikol. Fitopatol.: 371	Saprotroph, parasite	Cosmopolitan	Fruits	95

	(1974); *Penicillium maltum* M.Hori & T.Yamam., Jap. J. Bacteriol.: 1105 (1954)				
Penicillium oxalicum Currie & Thom, 1915	Basionym: *Penicillium oxalicum* Currie & Thom, J. Biol. Chem. 22: 289 (1915). Taxonomic synonym(s): *Penicillium asturianum* C. Ramírez & A.T. Martínez, Mycopathologia 74 (1): 42 (1981)	Saprotroph	Cosmopolitan	Soil	96
Penicillium roqueforti Thom, U.S.D.A. Bur. Animal Industr. Bull. 82: 35 (1906)	Basionym: *Penicillium roqueforti* Thom, U.S.D.A. Bur. Animal Industr. Bull. 82: 35 (1906) Synonyms: *Penicillium conservandi* Novobr., Novosti Sistematiki Nizshikh Rastenii 11: 233 (1974); *Penicillium roqueforti* var. *viride* Datt.-Rubbo, Transactions of the British Mycological Society 22 (1-2): 178 (1938); *Penicillium stilton* Biourge, La Cellule 33: 204 (1923); *Penicillium aromaticum-casei* Sopp ex Sacc., Sylloge Fungorum 22: 1278 (1913); *Penicillium atroviride* Sopp, Skrifter udgivne af Videnskabs-Selskabet i Christiania. Mathematisk-Naturvidenskabelig Klasse 11: 149 (1912); *Penicillium biourgei* Arnaudi, Boll. Ist. Sieroter. Milan.: 27 (1928); *Penicillium roqueforti* var. *weidemanni* Westling (1911); *Penicillium suaveolens* Biourge, La Cellule 33: 200 (1923); *Penicillium vesiculosum* Bainier, Bulletin de la Société Mycologique de France 23 (1): 10 (1907); *Penicillium virescens* Sopp, Skrifter udgivne af Videnskabs-Selskabet i Christiania. Mathematisk-Naturvidenskabelig Klasse 11: 157 (1912); *Penicillium weidemannii* var. *fuscum* Arnaudi, Boll. Ist. Sieroter. Milan.: 27 (1928); *Penicillium conservandi* Novobr., Nauchnye Doklady Vysshei Shkoly: 105 (1972); *Penicillium roqueforti* var. *weidemannii* Westling, Arkiv før Botanik 11 (1): 71 (1911); *Penicillium gorgonzolae* Weid., La Cellule 33: 204 (1923); *Penicillium weidemannii* (Westling) Biourge, La Cellule 33: 204 (1923); *Penicillium gorgonzolae* Weid (1923)	Saprotroph	Cosmopolitan	Soil	97
Penicillium verruculosum Peyronel, I germi astmosferici dei fungi con micelio: 22 (1913)	Basionym: *Penicillium verruculosum* Peyronel, I germi astmosferici dei fungi con micelio: 22 (1913) Synonyms: *Penicillium aculeatum* var. *apiculatum* S.Abe, Journal of General and Applied Microbiology Tokyo 2 (1-2): 124 (1956)	Saprotroph, psychrophilic fungus	Northern Europe, Canada, South America	Grains, seeds, decaying vegetation	92

Phoma Sacc., Michelia 2 (6): 4 (1880)	Pleosporomycetidae C.L.Schoch, Spatafora, Crous & Shoemaker, Mycologia 98 (6): 1048 (2007)	*Phoma* Sacc., Michelia 2 (6): 4 (1880)	Basionym: *Phoma* Sacc., Michelia 2 (6): 4 (1880) Synonyms: *Chlamydosporium* Peyronel, I germi astmosferici dei fungi con micelio: 18 (1913); *Leptophoma* Höhn., Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften Math.-naturw. Klasse Abt. I 124: 73 (1915); *Macroplodiella* Speg., Anales del Museo Nacional de Historia Natural Buenos Aires 17: 134 (1908); *Paraphoma* Morgan-Jones & J.F.White, Mycotaxon 18 (1): 58 (1983); *Phomopsina* Petr., Annales Mycologici 20: 145 (1922); *Pseudosclerophoma* Petr., Annales Mycologici 21 (3-4): 283 (1923); *Rhizosphaerella* Höhn., Hedwigia 59: 254 (1917); *Sclerophomina* Höhn., Hedwigia 59: 240 (1917); *Vialina* Curzi, Bolletino della Stazione di Patologia Vegetale di Roma 15: 252 (1935); *Peyronellaea* Goid., Atti della Accademia Nazionale dei Lincei Sér. 8, 1: 451 (1946)	Saprotroph	Pacific	Soil, plants	[98]
Phomopsis (Sacc.) Sacc., Ann. Mycol. 3 (6): 166 (1905)	Diaporthaceae Höhn. ex Wehm., American Journal of Botany 13: 638 (1926)	*Phomopsis lactucae* (Sacc.) Bubák, Österreichische Botanische Zeitschrift 55: 78 (1905)	Basionym: *Phoma lactucae* Sacc., Michelia 2 (6): 94 (1880)	Parasite	Indopacific	Leaves, fruits, rachises, shoots	[61]
Pleurotus (Fr.) P. Kumm., Der Führer in die Pilzkunde: 24 (1871)	Pleurotaceae Kühner, Bulletin Mensuel de la Société Linnéenne de Lyon 49: 184 (1980)	*Pleurotus ostreatus* (Jacq.) P.Kumm., Der Führer in die Pilzkunde: 105 (1871) *Pleurotus ostreatus* (Jacq.) P.Kumm., Der Führer in die Pilzkunde: 105 (1871)	Basionym: *Agaricus ostreatus* Jacq., Flora Austriaca 2: 3, t. 104 (1774). Obligate or homotypic synonyms: *Agaricus ostreatus* Jacq., Flora Austriaca 2: 3, t. 104 (1774); *Crepidopus ostreatus* (Jacq.) Gray, A natural arrangement of British plants 1: 616 (1821); *Dendrosarcus ostreatus* (Jacq.) Kuntze, Revisio generum plantarum 3 (2): 463 (1898). Facultative or heterotypic synonyms: *Agaricus ochraceus* Pers., Abb. Schwämme (1793); *Pleurotus columbinus* Quél., Fungi Tridentini 1 (1): 10 (1881); *Pleurotus floridanus* Singer Papers of the Michigan Academy of Sciences 32: 134 (1948).	Saprotroph	Pacific	Soil, wood	[99]
Pseudomonas Migula 1894	Pseudomonadaceae Winslow et al. 1917	*Pseudomonas aeruginosa* (Schroeter 1872) Migula 1900	Homotypic synonym: *Bacterium aeruginosum* Cohn 1872; *Bacillus aeruginosus* (Schroeter 1872) Trevisan 1885; probable synonym or variety *Pseudomonas polycolor* Clara 1930 Heterotypic synonym: *Micrococcus pyocyaneus* Zopf 1884; *Pseudomonas pyocyanea* (Zopf 1884) Migula 1895; *Pseudomonas polycolor; Bacillus pyocyaneus*	Parasite	Cosmopolitan	Humans	[100]

			(Zopf 1884) Flugge 1886; *Bacterium pyocyaneum* (Zopf 1884) Lehmann and Neumann 1896				
Pyrenophora Fr., Summa vegetabilium Scandinaviae 2: 397 (1849)	Pleosporaceae Nitschke, Verh. Naturhist. Vereines Preuss. Rheinl.: 74 (1869)	*Pyrenophora lolii* Dovaston, Transactions of the British Mycological Society 31 (3-4): 251 (1948)	Basionym: *Pyrenophora lolii* Dovaston, Transactions of the British Mycological Society 31 (3-4): 251 (1948)	Parasite	Pacific	Leaves, seeds	101
Schizonema C.A. Agardh, 1824	Bacillariophyceae familia incertae sedis	*Schizonema cruciger f. cruciger* W. Smith, 1856. Synopsis of British Diatomaceae. John Van Voorst, London 1856., 2: 107 pp., pls. 32-60, 61-62, A-E.	*Haslea crucigera* (W.Smith) Simonsen, 1974; *Navicula crucigera* (W.Smith) Cleve, 1894; *Schizonema crucigerum* W.Smith, 1856; *Stauroneis crucigera* (*crucigerum, cruciger*) (W. Smith) Heiberg 1863; *Dickieia crucigera* (W. Smith) De Toni 1891	Pennate, benthic diatom	Australia, North America, North Europe	Marine	78, 79
Scytonema C.Agardh ex Bornet & Flahault (1887)	Scytonematacea e Rabenhorst ex Bornet et Flahault 1886	*Scytonema varium* Kützing ex Bornet & Flahault, 1886	Basionym: *Scytonema varium* Kützing ex Bornet & Flahault, 1886	Saprotroph, ilamentous cyanobacteria	Cosmopolitan	Marine, fresh, terrestrial. Numerous species grow only in tropical and ecologically distinctly delimited habitats, such as lateritic soils, dripping rocks and reservoirs with water vegetation	78, 79, 102, 103
Sorangium E.Jahn (1924): Beitrage zur botanischen Protistologie. I. Die Polyangiden. pp. 1-107. Verlag von Gebruder	Polyangiaceae E.Jahn (1924): Beitrage zur botanischen Protistologie. I. Die Polyangiden. pp. 1-107. Verlag	*Sorangium cellulosum* A.A.Imshenetski & L.Solntseva (1936). Izv. Akad. Nauk S.S.S.R. Ser.	Basionym: *Sorangium cellulosum* A.A.Imshenetski & L.Solntseva (1936). Izv. Akad. Nauk S.S.S.R. Ser. Viol. (1936) 6:1115-1172. Homotypic synonym: *Polyangium cellulosum* (ex Imshenetski and Solntseva 1936) Brockman 1989	Saprotroph, parasite	Cosmopolitan	Soil, water, animal feces, and tree bark	95

Borntraeger, Leipzig	von Gebruder Borntraeger, Leipzig	Viol. (1936) 6:1115-1172.					
Streptomyces Waksman and Henrici 1943	Streptomycetaceae Waksman and Henrici 1943	*Streptomyces albus* (Rossi Doria 1891) Waksman and Henrici 1943 (Approved Lists 1980) emend. Labeda et al. 2014	Basionym: *Streptomyces albus* (Rossi Doria 1891) Synonym: *Actinomyces almquisti* Duche 1934; *Actinomyces Gibsoni* Dodge 1935; *Actinomyces Gibsonii* Erikson 1935; *Streptomyces flocculus* (Duche 1934) Waksman and Henrici; *Streptomyces almquistii* (Duche 1934) Pridham et al. 1958; *Streptomyces rangoonensis* corrig. (Erikson 1935) Pridham et al. 1958; *Streptomyces griseus* subsp. *solvifaciens* Pridham 1970; *Actinomyces rangoon* Erikson 1935	Saprotroph	Cosmopolitan	Soil, air	[4]
		Streptomyces somaliensis S.A.Waksman & A.T.Henrici (1948b)	Basionym: *Streptomyces somaliensis* S.A.Waksman & A.T.Henrici (1948b) Synonym: *Indiella somaliensis* Brumpt 1906,	Saprotroph	Cosmopolitan	Soil, air	[104]
		Streptomyces subrutilus Arai et al. 1964	Basionym: *Streptomyces* Waksman & Henrici, Journal of Bacteriology 46 (4): 339 (1943)	Saprotroph	Cosmopolitan	Soil	[105]
		Streptomyces violens L.V.Kalakutskii& N.A.Krasil'nikov (1966)	Basionym: *Streptomyces violens* LV.Kalakutskii & N.A.Krasil'nikov (1966)	Saprotroph	Cosmopolitan	Soil	[106]
Sundstroemia Medlin, Boonprakob, Lundholm & Moestrup, 2021	*Rhizosoleniaceae* De Toni	*Streptomyces mobaraensis* (Brightwell) Medlin, Nova Hedwigia Beiheft 151: 223 (2021)	Homotypic synonym: *Rhizosolenia setigera* Brightwell 1858	Diatom	Arctic, Atlantic Islands, Europe, N. America, Western Atlantic, S. America, Indian Ocean Islands, Middle East, SW Asia, SE Asia, Asia, Australia and New Zealand	Marine species	[78, 79, 107]
Tainosphaeria F.A.Fernández & Huhndorf, Fungal Diversity 18: 44 (2005)	Chaetosphaeriaceae Réblová, M.E.Barr & Samuels, Sydowia 51: 56 (1999)	*Tainosphaeria simplex* (S.Hughes & W.B.Kendr.) Réblová & Hern.-Restr., Journal of Fungi	Basionym: *Codinaea simplex* S.Hughes & W.B.Kendr., New Zealand Journal of Botany 6: 362 (1968); Synonyms: *Dictyochaeta simplex* (S.Hughes & W.B.Kendr.) Hol.-Jech., Folia Geobot. Phytotax. 19 (4): 434 (1984)	Saprotroph	Cosmopolitan	Woods	[57]

		7 (12, no. 1097): 85 (2021)					
Tolypocladium W.Gams, Persoonia 6 (2): 185 (1971)	Ophiocordycipitaceae G.H.Sung, J.M.Sung, Hywel-Jones & Spatafora, Studies in Mycology 57: 35 (2007)	*Tolypocladium inflatum* W.Gams, Persoonia 6 (2): 185 (1971)	Basionym: *Tolypocladium inflatum* W.Gams, Persoonia 6 (2): 185 (1971) Synonyms: *Pachybasium niveum* O.Rostr., Dansk botanisk Arkiv 2 (5): 41 (1916); *Tolypocladium niveum* (O.Rostr.) Bissett, Canadian Journal of Botany 61 (5): 1312 (1983); *Beauveria nivea* (O.Rostr.) Arx, Mycotaxon 25 (1): 156 (1986)	Saprotroph	Pacific	Woods	5

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Table S7. Name of the species as reported in the publication, accepted name, family, synonyms, lifeform, native range, and ecology of the selected plants

Name of the species as reported in the publication	Accepted name, protologue [1]	Family [1]	Synonyms [1]	Lifeform [1]	Native range [1]	Ecology	References (and other literature therein)
Aletris farinosa L.	*Aletris farinosa* L., Sp. Pl.: 319 (1753)	*Nartheciaceae* Fr. ex Bjurzon	Heterotypic Synonyms: *Aletris alba* Michx., Fl. Bor.-Amer. 1: 189 (1803); *Aletris lucida* Raf., Autik. Bot.: 136 (1840)	Perennial or rhizomatous geophyte	SE. Canada to Central & E. U.S.A.	Temperate biome. Open sites of various habitats, moist bogs, dry to mesic prairies, and dry, upland woods and thickets. Alt. 0-2000+ m	[1-4]
Aleuritopteris agetae Saiki	*Hemionitis krameri* (Franch. & Sav.) Christenh., Global Fl. 4: 16 (2018)	*Pteridaceae* E.D.M.Kirchn	Homotypic Synonyms: *Aleuritopteris krameri* (Franch. & Sav.) Ching in Hong Kong Naturalist 10: 202 (1941); *Cheilanthes krameri* Franch. & Sav. in Enum. Pl. Jap. 2: 212, 619 (1877). Heterotypic Synonyms: *Aleuritopteris agetae* Saiki in J. Phytogeogr. Taxon. 32: 1 (1984); *Cheilanthes agetae* (Saiki) C.M.Kuo in Taiwania 30: 57 (1985); *Hemionitis agetae* (Saiki) Christenh. in Global Fl. 4: 9 (2018)	Lithophyte	Central Japan, Taiwan to Philippines	Subtropical biome. Rock crevices on slopes or cliffs. Alt. 1800-2700 m	[1, 5-7]
Aleuritopteris anceps (Blanf.) Panigrahi	*Hemionitis anceps* (Blanf.) Christenh., Global Fl. 4: 9 (2018)	*Pteridaceae* E.D.M.Kirchn	Homotypic Synonyms: *Aleuritopteris anceps* (Blanf.) Panigrahi in Bull. Bot. Surv. India 2: 321 (1961); *Aleuritopteris farinosa* var. *anceps* (Blanf.) Ching in Hong Kong Naturalist 10: 201 (1941); *Cheilanthes anceps* Blanf. in J. Simla Naturalists' Soc. 1(2): 21 (1886); *Cheilanthes farinosa* var. *anceps* (Blanf.) Blanf. in J. Asiat. Soc. Bengal 57: 301 (1888). Heterotypic Synonyms: *Aleuritopteris javanensis* Saiki in J. Phytogeogr. Taxon. 32: 7 (1984); *Aleuritopteris pseudofarinosa* Ching & S.K.Wu in Acta Phytotax. Sin. 19: 72 (1981); *Aleuritopteris pseudofarinosa* var. *glandulosa* H.G.Zhou in Guihaia 12: 323 (1992); *Aleuritopteris wuyishanensis* Ching in Wuyi Sci. J. 1: 2 (1981); *Cheilanthes candida* Zoll. in Natuur- Geneesk. Arch. Ned.-Indië 2: 203 (1845), nom. illeg.; *Cheilanthes pseudofarinosa* (Ching & S.K.Wu) K.Iwats. in Fl. Thailand 3(4): 618 (1989)	Rhizomatous geophyte	Tropical & Subtropical Asia	Wet tropical biome. Rock crevices on slopes. Alt. 300-2600 m	[1, 5, 7]
Aleuritopteris kuhnii (Milde) Ching	*Hemionitis kuhnii* (Milde) Christenh., Global Fl. 4: 16 (2018)	*Pteridaceae* E.D.M.Kirchn	Homotypic Synonyms: *Aleuritopteris kuhnii* (Milde) Ching in Hong Kong Naturalist 10: 202 (1941); *Cheilanthes kuhnii* Milde in Bot. Zeitung (Berlin) 25: 149 (1867); *Leptolepidium kuhnii* (Milde) K.H.Shing & S.K.Wu in Acta Bot. Yunnan. 1(1): 117 (1979); *Oeosporangium kuhnii* (Milde) Fraser-Jenk. in Annot. Checkl. Ind. Pterid. 1: 261 (2016)	Lithophyte	S. Russian Far East to Korea and China, Central Japan	Temperate biome. Rock crevices on dry slopes, forests. Alt. 1000-3500 m	[1, 2, 5]

			Heterotypic Synonyms: *Aleuritopteris caesia* (Christ) Ching in Hong Kong Naturalist 10: 202 (1941); *Aleuritopteris caesia* var. *efarinosa* H.S.Kung, Li Bing Zhang & X.S.Guo in Acta Bot. Yunnan. 17: 422 (1995); *Aleuritopteris kuhnii* f. *efarinosa* (Makino) Tagawa in Acta Phytotax. Sin. 14: 191 (1952); *Aleuritopteris tenella* (Ching & S.K.Wu) Saiki in J. Phytogeogr. Taxon. 32: 11 (1984); *Cheilanthes brandtii* Franch. & Sav. in Enum. Pl. Jap. 2: 212, 620 (1877); *Cheilanthes brandtii* var. *efarinosa* Makino in J. Jap. Bot. 1: 26 (1917); *Cheilanthes caesia* Christ in Bull. Acad. Int. Géogr. Bot., sér. 3, 16: 133 (1906); *Cheilanthes kuhnii* var. *caesia* (Christ) C.Chr. in Acta Horti Gothob. 1: 90 (1924); *Cheilanthes kuhnii* f. *efarinosa* (Makino) Nakaike in J. Nippon Fernist Club 3(Suppl. 2): 40 (2004); *Cheilanthes lanceolata* C.Chr. in Bot. Gaz. 56: 334 (1913); *Hemionitis brandtii* (Franch. & Sav.) Christenh. in Global Fl. 4: 10 (2018); *Hemionitis caesia* (Christ) Christenh. in Global Fl. 4: 11 (2018); *Leptolepidium caesium* (Christ) K.H.Shing & S.K.Wu in Acta Bot. Yunnan. 1(1): 117 (1979); *Leptolepidium kuhnii* var. *brandtii* (Franch. & Sav.) K.H.Shing & S.K.Wu in Acta Bot. Yunnan. 1(1): 118 (1979); *Leptolepidium tenellum* Ching & S.K.Wu in Acta Bot. Yunnan. 1(1): 117 (1979)				
Aleuritopteris mexicana Fée	*Hemionitis farinosa* (Forssk.) Christenh., Global Fl. 4: 13 (2018)	*Pteridaceae* E.D.M.Kirchn	Homotypic Synonyms: *Aleuritopteris farinosa* (Forssk.) Fée in Mém. Foug., 5. Gen. Filic.: 154 (1852); *Allosorus farinosus* (Forssk.) C.Presl in Tent. Pterid.: 153 (1836); *Cassebeera farinosa* (Forssk.) J.Sm. in J. Bot. (Hooker) 4: 159 (1841); *Cheilanthes farinosa* (Forssk.) Kaulf. in Enum. Filic.: 212 (1824); *Pteris farinosa* Forssk. in Fl. Aegypt.-Arab.: 187 (1775) Heterotypic Synonyms: *Aleuritopteris chihuahuaensis* Saiki in J. Phytogeogr. Taxon. 32: 85 (1984); *Aleuritopteris mexicana* Fée in Mém. Foug., 5. Gen. Filic.: 154 (1852); *Aleuritopteris peruviana* Saiki in J. Phytogeogr. Taxon. 32: 89 (1984); *Cheilanthes chihuahuaensis* (Saiki) Fraser-Jenk. in New Sp. Syndr. Indian Pteridol.: 81 (1997); *Cheilanthes mexicana* (Fée) Punetha & Kholia in New Botanist, Int. Quart. J. Pl. Sci. Res. 16: 119 (1989), nom. illeg.; *Cheilanthes pulveracea* C.Presl in Reliq. Haenk. 1: 64 (1825); *Cheilanthes rigidula* Wall. in Numer. List: n.° 2175 (1830), not validly publ.; *Hemionitis chihuahuaensis* (Saiki) Christenh. in Global Fl. 4: 11 (2018); *Pellaea pulcherrima* Rovirosa in Pteridogr. Sur Mexico: t. 14 (1909), nom. nud.	Terrestrial / epipetric	Mexico to Venezuela and Peru, Africa to Arabian Peninsula	Wet tropical biome. Tropical deciduous and semideciduous forests. Pine - Oak Forest. Alt. 1500 to 2000 m	[8]
Arabidopsis thaliana (L.) Heynh.	*Arabidopsis thaliana* (L.) Heynh., F.Holl & H.Heynhold, Fl. Sachsen: 538 (1842)	*Brassicaceae* Burnett	Homotypic Synonyms: *Arabis muralis* Salisb. in Prodr. Stirp. Chap. Allerton: 272 (1796), nom. superfl.; *Arabis thaliana* L. in Sp. Pl.: 665 (1753); *Conringia thaliana* (L.) Rchb. in Icon. Fl. Germ. Helv. 2: t. 60, f. 4380 (1838); *Crucifera thaliana* (L.) E.H.L.Krause in J.W.Sturm, Deutschl. Fl. Abbild. ed. 2. 6: 86 (1902); *Erysimum thalianum* (L.) Kitt. in Taschenb. Fl. Deutschl., ed. 2: 899 (1844); *Hesperis thaliana* (L.) Kuntze in Revis. Gen. Pl. 2: 935 (1891); *Nasturtium thaliana* (L.) Andrz. ex DC. in Syst. Nat. 2: 226 (1821); *Pilosella thaliana* (L.) Kostel. in Ind. Hort. Bot. Prag.: 104 (1844); *Sisymbrium thalianum* (L.) J.Gay in Ann. Sci. Nat. (Paris) 7:	Annual	Temp. Eurasia to Tropical African Mountains	Temperate biome. Plains, mountain slopes, river banks, roadsides. Alt. near sea level to 2000 m	[1, 2, 5]

			399 (1826); *Stenophragma thalianum* (L.) Čelak. in Arch. Naturwiss. Landesdurchf. Böhmen 2: 445 (1875). Heterotypic Synonyms: *Arabidopsis thaliana* var. *apetala* O.E.Schulz in H.G.A.Engler (ed.), Pflanzenr., IV, 105(86): 274 (1924); *Arabidopsis thaliana* var. *brachycarpa* Andr. in Ind. Horti Bot. Univ. Budapest 3: 25 (1939); *Arabidopsis thaliana* var. *burnatii* (Briq.) Briq. in Prodr. Fl. Corse 2(1): 38 (1913); *Arabidopsis thaliana* var. *pusilla* (Hochst. ex A.Rich.) O.E.Schulz in H.G.A.Engler (ed.), Pflanzenr., IV, 105(86): 274 (1924); *Arabis arcuata* Dulac in Fl. Hautes-Pyrénées: 200 (1867), nom. illeg.; *Arabis parviflora* Raf. in Amer. Monthly Mag. & Crit. Rev. 2: 43 (1817); *Arabis pubicalyx* Miq. in Ann. Mus. Bot. Lugduno-Batavi 2: 72 (1865); *Arabis pubicalyx* var. *soyensis* H.Boissieu in Bull. Herb. Boissier 7: 788 (1899); *Arabis ramosa* Lam. in Fl. Franç. 2: 510 (1779); *Arabis scabra* Gilib. in Fl. Lit. Inch. 2: 61 (1782), opus utique oppr.; *Arabis thaliana* var. *dentata* Hartm. in Handb. Skand. Fl.: 256 (1820); *Arabis thaliana* var. *pubicalyx* (Miq.) Makino in Y.Iinuma, Somoku-Dzusetsu, ed. 3, 3: 12 (1912); *Arabis thaliana* var. *vulgaris* Hartm. in Handb. Skand. Fl.: 256 (1820); *Arabis thaliana* var. *vulgaris* Hartm. in Handb. Skand. Fl.: 256 (1820); *Arabis zeyheriana* Turcz. in Bull. Soc. Imp. Naturalistes Moscou 27(II): 292 (1854 publ. 1855); *Cardamine pusilla* Hochst. ex A.Rich. in Tent. Fl. Abyss. 1: 18 (1848); *Erysimum pubicalyx* (Miq.) Kuntze in Revis. Gen. Pl. 2: 933 (1891); *Phryne gesneri* Bubani in Fl. Pyren. 3: 176 (1901); *Sisymbrium pumilio* Oliv. in Fl. Trop. Afr. 1: 64 (1868); *Sisymbrium simplicissimum* S.G.Gmel. in Reise Russland 3: 303 (1774); *Sisymbrium thalianum* var. *pusillum* (Hochst. ex A.Rich.) Durand & Schinz in Consp. Fl. Afric. 1: 99 (1898); *Stenophragma thalianum* var. *burnatii* Briq. in Annuaire Conserv. Jard. Bot. Genève 9: 132 (1905); *Stenophragma thalianum* var. *pusilla* (Hochst. ex A.Rich.) Engl. in Hochgebirgsfl. Afrika: 226 (1895)				
Artemisia argyi H.Lév. & Vaniot	*Artemisia argyi* H.Lév. & Vaniot, Repert. Spec. Nov. Regni Veg. 8: 138 (1910)	*Asteraceae* Bercht. & J.Presl	*Artemisia argyi* f. *argyi*; *Artemisia argyi* f. *gracilis* (Pamp.) Kitag. in Neolin. Fl. Manshur.: 612 (1979); *Artemisia argyi* f. *microcephala* Pamp. in Nuovo Giorn. Bot. Ital., n.s., 36: 453 (1930); *Artemisia argyi* var. *gracilis* Pamp. (Nuovo Giorn. Bot. Ital., n.s., 36: 453 (1930)); *Artemisia argyi* var. *incana* (Maxim.) Pamp. in Nuovo Giorn. Bot. Ital., n.s., 36: 451 (1930); *Artemisia chiarugii* Pamp. in Nuovo Giorn. Bot. Ital., n.s., 36: 486 (1930); *Artemisia handel-mazzettii* Pamp. in Nuovo Giorn. Bot. Ital., n.s., 36: 455 (1930); *Artemisia nutans* Nakai in Bot. Mag. (Tokyo) 23: 187 (1909), nom. illeg.; *Artemisia nutantiflora* Nakai in Fl. Sylv. Kor. 14: 101 (1923); *Artemisia nutantiflora* Nakai ex Pamp., 1930; *Artemisia vulgaris* var. *incana* Maxim. in Mém. Acad. Imp. Sci. St.-Pétersbourg Divers Savans 9: 160 (1859); *Artemisia vulgaris* var. *incanescens* Franch. in Nouv. Arch. Mus. Hist. Nat., sér. 2, 6: 49 (1884)	Perennial or subshrub	Russian Far East to China	Temperate biome. Waste places, roadsides, slopes, hills, steppes, forest steppes. Alt. low elevations to 1500 m	[1-3, 5]

Artemisia frigida Willd.	*Artemisia frigida* Willd., Sp. Pl. ed. 4. 3: 1838 (1803)	*Asteraceae* Bercht. & J.Presl	Homotypic Synonym: *Absinthium frigidum* (Willd.) Besser in Bull. Soc. Imp. Naturalistes Moscou 1: 251 (1829)	Perennial or subshrub	E. Europe to Temp. Asia, N. America	Subalpine or subarctic biome. On rubbly and stony slopes in steppes, standing fallow land, dry hillsides, stable dunes, dry waste areas. Alt. 1000-4000 m	1, 2, 4, 5, 9
Artemisia umbelliformis Lam.	*Artemisia umbelliformis* Lam., Encycl. 1: 262 (1783)	*Asteraceae* Bercht. & J.Presl	Homotypic Synonyms: *Artemisia glacialis* var. *umbelliformis* (Lam.) Rouy in G.Rouy & J.Foucaud, Fl. France 8: 290 (1903). *Artemisia laxa* Fritsch, (synonym of *Artemisia umbelliformis* subsp. *umbelliformis*), 6: 88 (1893) [in Flora d'Italia reported as synonym of *Artemisia umbelliformis* [10]]; *Artemisia mutellina* Vill., non S.G.Gmelin, (synonym of *Artemisia umbelliformis* subsp. *umbelliformis*), Prosp. Hist. Pl. Dauphiné: 31 (1779) [in Flora d'Italia reported as synonym of *Artemisia umbelliformis* [10]]	Subshrub	Europe	Mountain rocks, moraines, and river gravels. Alt. 2400-3000 m	1, 3, 6, 10-12
Caesalpinia crista L.	*Ticanto crista* (L.) R.Clark & Gagnon, PhytoKeys 205: 70 (2022)	*Fabaceae* Lindl.	Homotypic Synonyms: *Caesalpinia crista* L. in Sp. Pl.: 380 (1753); *Guilandina crista* (L.) Small in Fl. S.E. U.S.: 591 (1903) Heterotypic Synonyms: *Butea loureiroi* Spreng. in Syst. Veg., ed. 16. 3: 186 (1826), nom. superfl.; *Caesalpinia axillaris* (Lam.) DC. in Prodr. 2: 481 (1825); *Caesalpinia crista* var. *parvistipula* Urb. in Symb. Antill. 2: 271 (1900); *Caesalpinia kwangtungensis* Merr. in J. Arnold Arbor. 8: 7 (1927); *Caesalpinia laevigata* Perr. in Mém. Soc. Linn. Paris 3: 104 (1825); *Caesalpinia nuga* (L.) W.T.Aiton in Hortus Kew. 3: 32 (1811); *Caesalpinia paniculata* (Lam.) Roxb. in Hort. Bengal.: 32 (1814); *Caesalpinia scandens* B.Heyne ex Roth in Nov. Pl. Sp.: 209 (1821); *Caesalpinia scandens* J.Koenig ex Baker in J.D.Hooker, Fl. Brit. India 2: 255 (1878), pro syn.; *Genista scandens* Lour. in Fl. Cochinch.: 428 (1790); *Guilandina axillaris* Lam. in Encycl. 1: 435 (1785); *Guilandina nuga* L. in Sp. Pl., ed. 2.: 545 (1762); *Guilandina paniculata* Lam. in Encycl. 1: 435 (1785); *Guilandina parvifolia* Stokes in Bot. Mat. Med. 2: 466 (1812); *Guilandina rotunda* Noronha in Verh. Batav. Genootsch. Kunsten 5(4): 16 (1790), nom. nud.; *Ticanto nuga* (L.) Medik. in Theodora: 52 (1786)	Climbing shrub or liana	Tropical & Subtropical Asia to W. Pacific	Seasonally dry tropical biome. On sandy beaches, mangrove swamp and river margins, on limestone rocks or in secondary scrub. Mountain slopes, forests. Alt. 400-1500 m	1, 2, 5, 13
Capsella rubella Reut.	*Capsella rubella* Reut., Compt.-Rend. Trav. Soc. Hallér 1853-	*Brassicaceae* Burnett	Homotypic Synonyms: *Bursa rubella* (Reut.) Druce in Rep. Bot. Soc. Exch. Club Brit. Isles 7: 864 (1925 publ. 1926); *Capsella bursa-pastoris rubella* (Reut.) E.B.Almq. in Acta Horti Berg. 7: 53 (1921); *Capsella bursa-pastoris* subsp. *rubella* (Reut.) Hobk. in Bull. Soc. Roy. Bot. Belgique 8: 455 (1869); *Capsella bursa-pastoris* var. *rubella* (Reut.) Batt.	Annual or biennial	S. Central Europe to Medit	Temperate biome. Arid crops. Alt. 0-1300 m	1, 2, 10

	1854: 18 (1853)		in J.A.Battandier & L.C.Trabut, Fl. Algérie, Dicot.: 42 (1888); *Crucifera rubella* (Reut.) E.H.L.Krause in J.W.Sturm, Deutschl. Fl. Abbild. ed. 2. 6: 145 (1902); *Thlaspi bursa-pastoris* var. *rubellum* (Reut.) Loret in H.Loret & A.Barrandon, Fl. Montpellier, éd. 2: 47 (1886); *Thlaspi rubellum* (Reut.) Loret & Barrandon in Fl. Montpellier: 60 (1876) Heterotypic Synonyms: *Bursa alpestris* Miégev. in Bull. Soc. Bot. France 3: 10 (1863); *Bursa occidentalis* Shull in Proc. Int. Congr. Pl. Sci. Ithaca: 847 (1929); *Capsella bursa-pastoris* var. *alpestris* (Miégev.) Rouy & Foucaud in Fl. France 2: 95 (1895); *Capsella bursa-pastoris concava* E.B.Almq. in Acta Horti Berg. 4(6): 12 (1907); *Capsella bursa-pastoris* var. *crispata* Rouy & Foucaud in Fl. France 2: 95 (1895); *Capsella bursa-pastoris* proles *humilis* Rouy & Foucaud in Fl. France 2: 96 (1895); *Capsella bursa-pastoris* subsp. *occidentalis* (Shull) Maire in É.Jahandiez & al., Cat. Pl. Maroc 2: 297 (1932); *Capsella concava* (E.B.Almq.) E.B.Almq. in Rep. Bot. Soc. Exch. Club Brit. Isles 6: 200 (1920 publ. 1921); *Capsella rubella* var. *sabulosa* (Jord.) Caldesi in Nuovo Giorn. Bot. Ital. 11: 331 (1879); *Capsella rubescens* Personnat in Bull. Soc. Bot. France 7: 511 (1860); *Capsella sabulosa* Jord. in Diagn. Esp. Nouv.: 341 (1864)				
Cheilanthes farinosa (Forssk.) Kaulf.	*Hemionitis farinosa* (Forssk.) Christenh., Global Fl. 4: 13 (2018)	*Pteridaceae* E.D.M.Kirchn	Homotypic Synonyms: *Aleuritopteris farinosa* (Forssk.) Fée in Mém. Foug., 5. Gen. Filic.: 154 (1852); *Allosorus farinosus* (Forssk.) C.Presl in Tent. Pterid.: 153 (1836); *Cassebeera farinosa* (Forssk.) J.Sm. in J. Bot. (Hooker) 4: 159 (1841); *Cheilanthes farinosa* (Forssk.) Kaulf. in Enum. Filic.: 212 (1824); *Pteris farinosa* Forssk. in Fl. Aegypt.-Arab.: 187 (1775) Heterotypic Synonyms: *Aleuritopteris chihuahuaensis* Saiki in J. Phytogeogr. Taxon. 32: 85 (1984); *Aleuritopteris mexicana* Fée in Mém. Foug., 5. Gen. Filic.: 154 (1852); *Aleuritopteris peruviana* Saiki in J. Phytogeogr. Taxon. 32: 89 (1984); *Cheilanthes chihuahuaensis* (Saiki) Fraser-Jenk. in New Sp. Syndr. Indian Pteridol.: 81 (1997); *Cheilanthes mexicana* (Fée) Punetha & Kholia in New Botanist, Int. Quart. J. Pl. Sci. Res. 16: 119 (1989), nom. illeg.; *Cheilanthes pulveracea* C.Presl in Reliq. Haenk. 1: 64 (1825); *Cheilanthes rigidula* Wall. in Numer. List: n.° 2175 (1830), not validly publ.; *Hemionitis chihuahuaensis* (Saiki) Christenh. in Global Fl. 4: 11 (2018); *Pellaea pulcherrima* Rovirosa in Pteridogr. Sur Mexico: t. 14 (1909), nom. nud.	Lithophyte	Mexico to Venezuela and Peru, Africa to Arabian Peninsula	Wet tropical biome. Moist, wooded, rocky slopes. Alt. 1450-3100 m	[1, 2]
Colquhounia coccinea var. *mollis* (Schltdl.) Prain	*Colquhounia coccinea* var. *mollis* (Schltdl.) Prain, J. Asiat. Soc. Bengal, Pt. 2, Nat.	*Lamiaceae* Martinov	Homotypic Names: Basionym/Replaced Synonym *Colquhounia mollis* Schltdl., Linnaea 24: 681 (1852); Heterotypic Synonyms: *Colquhounia tomentosa* Houllet, Rev. Hort. (Paris) 45: 131 (1873); *Colquhounia vestita* var. *rugosa* C.B.Clarke ex Prain, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 62: 37 (1893).	Shrub	Central Himalaya to N. Thailand	Subtropical biome. Stony, grassy slopes, thickets, rarely forests. Alt. 1400-3000 m	[5]

	Hist., 62: 37, 1893						
Corallocarpus epigaeus (Roettl.) Hook. f.	*Corallocarpus epigaeus* (Roettl.) Hook. f., Hook. f., Fl. Brit. Ind. 628. 1879	*Cucurbitaceae* Juss.	Homotypic name: *Bryonia epigaea* Rottler, Neue Schriften Ges. Naturf. Freunde Berlin 4: 223 (1803); Heterotypic Synonyms: *Aechmandra epigaea* (Rottler) Arn., J. Bot. (Hooker) 3: 274 (1841); *Coniandra corallina* Fenzl ex Naudin, Ann. Sci. Nat., Bot., sér. 4, 16: 180 (1862); *Corallocarpus bequaertii* De Wild., Rev. Zool. Bot. Africaines 9: 91 (1921); *Corallocarpus corallinus* (Naudin) Cogn., A.L.P.P.de Candolle & A.C.P.de Candolle, Monogr. Phan. 3: 647 (1881); *Corallocarpus elegans* Gilg, Bot. Jahrb. Syst. 34: 364 (1904); *Corallocarpus gracilipes* (Naudin) Cogn., A.L.P.P.de Candolle & A.C.P.de Candolle, Monogr. Phan. 3: 650 (1881); *Corallocarpus hildebrandtii* Gilg, Bot. Jahrb. Syst. 34: 362 (1904); *Corallocarpus palmatus* Cogn., A.L.P.P.de Candolle & A.C.P.de Candolle, Monogr. Phan. 3: 648 (1881); *Corallocarpus tavetensis* Gilg, Bot. Jahrb. Syst. 34: 362 (1904); *Rhynchocarpa corallina* Naudin, Ann. Sci. Nat., Bot., sér. 4, 16: 180 (1861); *Rhynchocarpa epigaea* (Rottler) Naudin, Ann. Sci. Nat., Bot., sér. 4, 16: 178 (1861)	Climbing caudex geophyte	Senegal to Eritrea and Tanzania, Arabian Peninsula, Indian Subcontinent	Seasonally dry tropical biome. Margins of rain-forest, wooded grassland, deciduous (*Commiphora*) bushland; grassy savanna. Alt. 100-2100 m	[1-3, 6, 14, 15]
Croton hieronymi Griseb.	*Croton hieronymi* Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 54 (1879)	*Euphorbiaceae* Juss.	Homotypic Names: *Oxydectes hieronymi* (Griseb.) Kuntze, Revis. Gen. Pl. 3(2): 289 (1898)	Shrub	Bolivia to NW. Argentina	Desert or dry shrubland biome. Lowlands. Alt. 300-1100 m	[1-3, 6, 16, 17]
Cydonia vulgaris Pers.	*Cydonia oblonga* Mill., Gard. Dict. ed. 8: n.º1 (1768)	*Rosaceae* Juss.	Homotypic Synonyms: *Cydonia communis* Loisel. in H.L.Duhamel du Monceau, Traité Arbr. Arbust., nouv. éd., 4: 135 (1809), nom. superfl.; *Cydonia communis* var. *oblonga* (Mill.) Loisel. in H.L.Duhamel du Monceau, Traité Arbr. Arbust., nouv. éd., 4: 136 (1809), not validly publ.; *Cydonia cydonia* (L.) Pers. in Syn. Pl. 2: 40 (1806), not validly publ.; *Cydonia cydonia* var. *oblonga* (Mill.) Asch. & Graebn. in Fl. Nordostdeut. Flachl.: 420, 803 (1898), not validly publ.; *Cydonia cydonia* var. *pyriformis* (Hayne) Asch. & Graebn. in Syn. Mitteleur. Fl. 6(2): 115 (1906), not validly publ.; *Cydonia silvestris* Risso in Hist. Nat. Prod. Eur. Mérid. 2: 296 (1826), nom. superfl.; *Cydonia silvestris* var. oblonga (Mill.) Risso in Hist. Nat. Prod. Eur. Mérid. 2: 298 (1826), not validly publ.; *Cydonia vulgaris* Tourn. ex Delarbre in Fl. Auvergne, ed. 2, 1: 384 (1800), nom. superfl.; *Cydonia vulgaris* var. *oblonga* (Mill.) DC. in Prodr. 2: 638 (1825), not validly publ.; *Cydonia vulgaris* var. *oblonga* (Mill.) Risso in Hist. Nat. Prod. Eur. Mérid. 2: 298 (1826), not validly publ.; *Cydonia vulgaris pyriformis* (Hayne) Dierb. in Syst. Uebers. Heidelb. Gewächse: 148 (1827), not validly publ.; *Cydonia vulgaris* f. *pyriformis* (Hayne) G.Kirchn. in E.A.Petzold & G.Kirchner, Arbor. Muscav.: 311 (1864), not validly publ.; *Cydonia vulgaris* var. *pyriformis* Hayne in	Tree	Caucasus to Central Asia.	Temperate biome. Cultivated throughout a large part of Europe; naturalized in hedges and thickets in South Europe and more locally in Central Europe. Alt. 0-1500 m	[1, 3, 18]

Getreue Darstell. Gew. 4: t. 47 (1816), not validly publ.; *Cydonia vulgaris silvestris* (Risso) M.Roem. in Fam. Nat. Syn. Monogr. 3: 217 (1847); *Pyrus cydonia* L. in Sp. Pl.: 480 (1753); *Pyrus cydonia oblonga* (Mill.) Kuntze in Taschen-Fl. Leipzig: 272 (1867), not validly publ.; *Pyrus cydonia* var. *oblonga* (Mill.) Martyn in P.Miller, Gard. Dict., ed. 9. 2: [s.p.] (1797), not validly publ.; *Pyrus cydonia* var. *pyriformis* (Hayne) Roth in Enum. Pl. Phaen. Germ. 1(2): 433 (1827), not validly publ.; *Pyrus oblonga* (Mill.) Steud. in Nomencl. Bot. 1: 670 (1821)
Heterotypic Synonyms: *Crataegus serotina* Salisb. in Prodr. Stirp. Chap. Allerton: 357 (1796); *Cydonia communis* var. *lusitanica* (Mill.) Loisel. in H.L.Duhamel du Monceau, Traité Arbr. Arbust., nouv. éd., 4: 136 (1809); *Cydonia communis* var. *maliformis* (Mill.) Loisel. in H.L.Duhamel du Monceau, Traité Arbr. Arbust., nouv. éd., 4: 136 (1809); *Cydonia cydonia* subvar. *lusitanica* (Mill.) Asch. & Graebn. in Syn. Mitteleur. Fl. 6(2): 115 (1906), not validly publ.; *Cydonia cydonia* var. *lusitanica* (Mill.) Pers. in Syn. Pl. 2: 40 (1806), not validly publ.; *Cydonia cydonia* var. *maliformis* (Mill.) Asch. & Graebn. in Syn. Mitteleur. Fl. 6(2): 115 (1906), not validly publ.; *Cydonia cydonia* monstr. *marmorata* (Dippel) Asch. & Graebn. in Syn. Mitteleur. Fl. 6(2): 115 (1906), not validly publ.; *Cydonia cydonia lusus pyramidalis* (Dippel) Asch. & Graebn. in Syn. Mitteleur. Fl. 6(2): 115 (1906), not validly publ.; *Cydonia europaea* Savi in Tratt. Alb. Toscana 1: 99 (1811); *Cydonia lusitanica* Mill. in Gard. Dict., ed. 8.: Cydonia n.° 3 (1768); *Cydonia maliformis* Mill. in Gard. Dict., ed. 8.: Cydonia n.° 2 (1768); *Cydonia media* Poit. & Turpin in H.L.Duhamel du Monceau, Traité Arbr. Fruit. 6: t. 328 (1829); *Cydonia minor* Poit. & Turpin in H.L.Duhamel du Monceau, Traité Arbr. Fruit. 6: t. 328 (1829); *Cydonia oblonga* var. biserrulata Kakhadze in Trudy Tbilissk. Univ. 109: 42 (1965), nom. illeg.; *Cydonia oblonga* subsp. *integerrima* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 37 (1981); *Cydonia oblonga* var. *integerrimosepala* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 75: 70 (1977); *Cydonia oblonga* var. *integerrimosepala* Kakhadze in Trudy Tbilissk. Univ. 109: 43 (1965), nom. illeg.; *Cydonia oblonga* f. *lusitanica* (Mill.) Rehder in Bibliogr. Cult. Trees: 278 (1949); *Cydonia oblonga* subsp. *lusitanica* (Mill.) D.Rivera in D.Rivera & al., Varied. Trad. Frut. Cuenca Río Segura Cat. Etnobot.: 130 (1997); *Cydonia oblonga* var. *lusitanica* (Mill.) C.K.Schneid. in Ill. Handb. Laubholzk. 1: 654 (1906); *Cydonia oblonga* var. *maliformis* (Mill.) C.K.Schneid. in Ill. Handb. Laubholzk. 1: 654 (1906); *Cydonia oblonga* subsp. *maliformis* (Mill.) Thell. in Mitt. Bot. Mus. Univ. Zürich 58: 289 (1912); *Cydonia oblonga* f. *marmorata* (Dippel) C.K.Schneid. in Ill. Handb. Laubholzk. 1: 654 (1906); *Cydonia oblonga* var. *obpyricarpa* Lobachev in Byull. Vsesoyuzn. Ordena

Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 37 (1981); *Cydonia oblonga* var. *obpyriformis* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 37 (1981); *Cydonia oblonga* var. *orbiculatocomplanata* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 37 (1981); *Cydonia oblonga* var. *ovalicarpa* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 37 (1981); *Cydonia oblonga* var. *ovalis* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 36 (1981); *Cydonia oblonga* var. *plano-cyclocarpa* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 36 (1981); *Cydonia oblonga* var. *pomiformis* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 37 (1981); *Cydonia oblonga* f. *pyramidalis* (Dippel) Rehder in Bibliogr. Cult. Trees: 278 (1949); *Cydonia oblonga* var. *pyramidalis* (Dippel) C.K.Schneid. in Ill. Handb. Laubholzk. 1: 654 (1906); *Cydonia oblonga* f. *pyriformis* (Thell.) Rehder in Bibliogr. Cult. Trees: 278 (1949); *Cydonia oblonga* subsp. *pyriformis* Thell. in Mitt. Bot. Mus. Univ. Zürich 58: 289 (1912); *Cydonia oblonga* var. *pyriformis* (Thell.) Buia in T.Săvulescu, Fl. Republ. Popul. Române 4: 201 (1956); *Cydonia oblonga* var. *rotundata* Kakhadze in Trudy Tbilissk. Univ. 109: 44 (1965); *Cydonia oblonga* var. *serrulata* C.K.Schneid. in unknown publication; *Cydonia oblonga* var. *typica* C.K.Schneid. in Ill. Handb. Laubholzk. 1: 654 (1906); *Cydonia oblonga* var. *typica* Kakhadze in Trudy Tbilissk. Univ. 109: 42 (1965), comb. not validly publ.; *Cydonia oblonga* var. *urceolata* Lobachev in Byull. Vsesoyuzn. Ordena Lenina Ordena Druzhby Narodov Nauchno-Issl. Inst. Rasteniev. N. I. Vavilova 113: 37 (1981); *Cydonia piriformis* Medik. ex B.D.Jacks. in Index Kew. 1: 681 (1893), not validly publ.; *Cydonia pyriformis* M.Roem. in Fam. Nat. Syn. Monogr. 3: 217 (1847), pro syn.; *Cydonia silvestris* var. *communis* Risso in Hist. Nat. Prod. Eur. Mérid. 2: 297 (1826); *Cydonia silvestris* var. *lusitanica* (Mill.) Risso in Hist. Nat. Prod. Eur. Mérid. 2: 297 (1826); *Cydonia silvestris* var. *maliformis* (Mill.) Risso in Hist. Nat. Prod. Eur. Mérid. 2: 297 (1826); *Cydonia silvestris* var. *microcarpa* Risso in Hist. Nat. Prod. Eur. Mérid. 2: 298 (1826); *Cydonia sumboshia* Buch.-Ham. ex D.Don in Prodr. Fl. Nepal.: 237 (1825); *Cydonia vulgaris* var. algeriensis Lavallée in Énum. Arbres: 111 (1877), nom. nud.; *Cydonia vulgaris* var. *anglica* M.Roem. in Fam. Nat. Syn. Monogr. 3: 218 (1847); *Cydonia vulgaris aurantia* M.Roem. in Fam. Nat. Syn. Monogr. 3: 218 (1847); *Cydonia vulgaris* var. *bourgeana* Lavallée in Énum. Arbres: 111 (1877), nom. nud.; *Cydonia vulgaris* var. *brusvicensis* M.Roem. in Fam. Nat. Syn.

			Monogr. 3: 218 (1847); *Cydonia vulgaris communis* (Risso) M.Roem. in Fam. Nat. Syn. Monogr. 3: 217 (1847); *Cydonia vulgaris* var. *constantinopolitana* Lavallée in Énum. Arbres: 111 (1877), nom. nud.; *Cydonia vulgaris* var. *georgica* M.Roem. in Fam. Nat. Syn. Monogr. 3: 218 (1847); *Cydonia vulgaris* f. *lusitanica* (Mill.) G.Kirchn. in E.A.Petzold & G.Kirchner, Arbor. Muscav.: 311 (1864); *Cydonia vulgaris* var. *lusitanica* (Mill.) Hayne in Getreue Darstell. Gew. 4: t. 47 (1816); *Cydonia vulgaris* var. *macrocarpa* Lavallée in Énum. Arbres: 111 (1877), nom. nud.; *Cydonia vulgaris macrocarpa* M.Roem. in Fam. Nat. Syn. Monogr. 3: 218 (1847); *Cydonia vulgaris* f. *maliformis* (Mill.) G.Kirchn. in E.A.Petzold & G.Kirchner, Arbor. Muscav.: 311 (1864); *Cydonia vulgaris* var. *maliformis* (Mill.) Hayne in Getreue Darstell. Gew. 4: t. 47 (1816); *Cydonia vulgaris* var. *marmorata* Dippel in Handb. Laubholzk. 3: 357 (1893); *Cydonia vulgaris* var. *pyramidalis* Dippel in Handb. Laubholzk. 3: 357 (1893); *Pyrus cydonia* var. *dulcis* Weston in Bot. Univ. 1: 230 (1770); *Pyrus cydonia* subsp. *lusitanica* (Mill.) Ehrh. in Beitr. Naturk. Verw. Wiss. 7: 52 (1792), not validly publ.; *Pyrus cydonia* var. *lusitanica* (Mill.) Weston in Bot. Univ. 1: 230 (1770); *Pyrus cydonia* var. *major* Weston in Bot. Univ. 1: 230 (1770); *Pyrus cydonia* var. *maliformis* (Mill.) Roth in Enum. Pl. Phaen. Germ. 1(2): 433 (1827); *Pyrus cydonia* subsp. *maliformis* (Mill.) Ehrh. in Beitr. Naturk. Verw. Wiss. 7: 52 (1792), not validly publ.; *Pyrus cydonia maliformis* (Mill.) Kuntze in Taschen-Fl. Leipzig: 272 (1867); *Pyrus cydonia* var. *minor* Weston in Bot. Univ. 1: 230 (1770); *Pyrus cydonia* subsp. *oblonga* (Mill.) Ehrh. in Beitr. Naturk. Verw. Wiss. 7: 52 (1792), not validly publ.; *Pyrus cydonia* var. *rotunda* Weston in Bot. Univ. 1: 230 (1770); *Pyrus cydonia* var. *sylvestris* Duhamel ex DC. in J.B.A.M.de Lamarck & A.P.de Candolle, Fl. Franç., ed. 3, 5: 430 (1805); *Pyrus lusitanica* (Mill.) Steud. in Nomencl. Bot. 1: 670 (1821); *Pyrus maliformis* (Mill.) Steud. in Nomencl. Bot. 1: 670 (1821); *Pyrus sumboshia* Spreng. in Syst. Veg., ed. 16. 4(2): 196 (1827); *Pyrus-cydonia cydonia* Weston in Bot. Univ. 1: 230 (1770); Pyrus-*cydonia cydonia lusitanica* (Mill.) Weston in Bot. Univ. 1: 230 (1770); *Sorbus cydonia* Crantz in Stirp. Austr. Fasc. 2: 57 (1763)				
Eurysolen gracilis Prain	*Eurysolen gracilis* Prain, Sci. Mem. Off. Med. Dept. Gov. India 11: 44 (1898)	*Lamiaceae* Martinov	-	Scrambling subshrub or shrub	China (Yunnan) to W. & Central Malesia	Wet tropical biome. Open places in moist mountain valleys. Alt. 700-1800 m	[1, 2, 19]
Gentianella alborosea (Gilg) Fabris	*Gentianella alborosea* (Gilg) Fabris, Bol. Soc.	*Gentianaceae* Juss.	Homotypic Synonyms: *Gentiana alborosea* Gilg, Beibl. Bot. Jahrb. Syst. 118: 55 (1916)	Perennial	Peru (Junín)	Subalpine or subarctic biome. Bunch grass formation.	[1, 2, 20-22]

	Argent. Bot. 6: 48 (1955)					Alt. 4100-4700 m	
Gentianella nitida (Griseb.) Fabris	*Gentianella nitida* (Griseb.) Fabris, Bol. Soc. Argent. Bot. 7: 91 (1958)	*Gentianaceae* Juss.	Homotypic Synonyms: *Gentiana nitida* Griseb. in Gen. Sp. Gent.: 216 (1838)	Perennial	Peru	Subalpine or subarctic biome. Grassy uplands. Alt. 4200-4300 m	1, 2, 20-22
Gentianella turkestanorum (Gand.) Holub	*Gentianella turkestanorum* (Gand.) Holub, Folia Geobot. Phytotax. 2: 118 (1967)	*Gentianaceae* Juss.	Homotypic Synonyms: *Gentiana turkestanorum* Gand. in Bull. Soc. Bot. France 65: 60 (1918) Heterotypic Synonyms: *Aloitis stoliczkae* (Kurz ex C.B.Clarke) Omer, Qaiser & Ali in Pakistan J. Bot. 20: 159 (1988); *Gentiana stoliczkae* Kurz ex C.B.Clarke in J. Linn. Soc., Bot. 14: 433 (1875); *Gentianella stoliczkae* (Kurz ex C.B.Clarke) Holub in Folia Geobot. Phytotax. 8: 171 (1973)	Annual or biennial	Afghanistan to Mongolia and W. Himalaya	Subalpine or subarctic biome. Moist places around lakes, river banks, shady meadow slopes, forests. Alt. 1500-3100 m	1, 2, 5
Gossypium hirsutum L.	*Gossypium hirsutum* L., Sp. Pl. ed. 2: 975 (1763)	*Malvaceae* Juss.	Homotypic Synonyms: *Gossypium barbadense* var. *hirsutum* (L.) Hook.f. & Benth. in W.J.Hooker, Niger Fl.: 229 (1849); *Gossypium herbaceum* var. *hirsutum* (L.) Mast. in J.D.Hooker, Fl. Brit. India 1: 347 (1874); *Xylon hirsutum* (L.) Medik. in Malvenfam.: 43 (1787)	Shrub	Pacific, Mexico to Ecuador and NE. Brazil	Seasonally dry tropical biome. seasonally dry tropical biome. From the cool temperate moist to wet through tropical very dry to moist forest life zones. Widely cultivated. Alt. 0-1250 m	1-3
Gynochthodes officinalis (F.C.How) Razafim. & B.Bremer	*Gynochthodes officinalis* (F.C.How) Razafim. & B.Bremer, Adansonia, sér. 3, 33: 293 (2011)	*Rubiaceae Juss.*	Homotypic Synonym: *Morinda officinalis* F.C.How in Acta Phytotax. Sin. 7: 326 (1958). Heterotypic Synonym: *Morinda officinalis* var. *hirsuta* F.C.How in Acta Phytotax. Sin. 7: 328 (1958)	Climber	SE. China to Hainan	Wet tropical biome. Sparse or dense forests and thickets on mountains, also cultivated; 100-500 m.	1, 23
Hedyosmum angustifolium (Ruiz & Pav.) Solms	*Hedyosmum angustifolium* (Ruiz & Pav.) Solms	*Chloranthaceae* R.Br. ex Sims	Homotypic Synonyms: *Tafalla angustifolia* Ruiz & Pav. in Syst. Veg. Fl. Peruv. Chil.: 272 (1798) Heterotypic Synonyms: *Hedyosmum laciniatum* (Ruiz & Pav.) Solms, A.P.de Candolle, Prodr. 16(1): 485 (1869); *Hedyosmum pavonii* (Solms) Diels, Notizbl. Bot. Gart. Berlin-Dahlem 14: 331 (1939); *Hedyosmum*	Shrub or tree	SW. Colombia to Bolivia	Wet tropical biome. Disturbed and undisturbed montane forest.	1, 2, 6, 24

			scabrum var. *pavonii* Solms, A.P.de Candolle, Prodr. 16(1): 480 (1869); *Tafalla angustifolia* Ruiz & Pav., Syst. Veg. Fl. Peruv. Chil.: 272 (1798); *Tafalla laciniata* Ruiz & Pav., Syst. Veg. Fl. Peruv. Chil.: 272 (1798)			Alt. 900-2990 m	
Hedyosmum brasiliense Mart.	*Hedyosmum brasiliense* Mart., Fl. Bras. 4(1): 3 (1852)	*Chloranthaceae* R.Br. ex Sims	Homotypic Synonyms: *Tafalla brasiliensis* (Mart.) Kuntze in Revis. Gen. Pl. 2: 566 (1891) Heterotypic Synonyms: *Hedyosmum acutifolium* Cordem. ex Baill. in Adansonia 3: 306 (1863); *Hedyosmum bonplandianum* Mart. in Syst. Mat. Med. Bras.: 100 (1843), sensu auct.; *Hedyosmum grandifolium* Occhioni in Contr. Estud. Fam. Chloranth.: 34 (1954); *Hedyosmum weddellianum* Cordem. ex Baill. in Adansonia 3: 306 (1863); *Tafalla weddelliana* (Cordem. ex Baill.) Kuntze in Revis. Gen. Pl. 2: 566 (1891); *Coccoloba brasiliensis* Spreng. in Syst. Veg. ed. 16. 2: 252 (1825), nom. Illeg.	Shrub or tree	Venezuela to Brazil and Paraguay	Wet tropical biome. Gallery forest and adjacent grassy campo or rocky cerrado (central Brazil); sandy soils in campinarana (Parà); restinga vegetation near sea level to montane rainforest (Serra do Mar). Alt. 0-1500 m	[6, 24, 25]
Hedyosmum orientale Merr. & Chun	*Hedyosmum orientale* Merr. & Chun, Sunyatsenia 5: 36 (1940)	*Chloranthaceae* R.Br. ex Sims	-	Subshrub or shrub	China (Guangdong) to Vietnam, Sumatera to Sulawesi	Subtropical biome. Forests, thickets, forested ravines. Alt. ca. 500 m	[1, 3, 23]
Hemidesmus indicus (L.) R.Br.	*Hemidesmus indicus* (L.) R.Br., W.T.Aiton, Hortus Kew., ed. 2, 2: 75 (1811)	*Apocynaceae* Juss	Homotypic Names: Basionym/Replaced Synonym: *Periploca indica* L., Sp. Pl.: 211 (1753) Heterotypic Synonyms: *Periploca cordata* Dennst., Schlüssel Hortus Malab., 14 (1818), nom. illeg.; *Hemidesmus pubescens* Wight & Arn., Contr. Bot. India: 63 (1834); *Periploca malabarica* Burm. ex Decne. in A.P.de Candolle, Prodr. 8: 499 (1844), not validly publ.; *Hemidesmus indicus* var. *pubescens* (Wight & Arn.) Hook.f., Fl. Brit. India 4: 5 (1883)	Climbing shrub	Indian Subcontinent to Indo-China and Peninsula Malaysia	Seasonally dry tropical biome. Mesophytic to semi dry conditions, open scrub jungles, hedges, uncultivated soil (coal mine wastes). Alt. 0-600 m	[1, 2, 6, 25-28]
Hypericum chinense L.	*Hypericum monogynum* L., Sp. Pl. ed. 2.: 1107 (1763)	*Hypericaceae* Juss.	Homotypic Names: *Hypericum chinense* L., Syst. Nat. ed. 10, 2: 1184 (1759), nom. illeg.; *Ascyrum monogynum* (L.) Moench, Suppl. Meth.: 42 (1802); *Norysca chinensis* Spach, Hist. Nat. Vég. 5: 427 (1836), nom. superfl. Heterotypic Synonyms: *Hypericum aureum* Lour., Fl. Cochinch.: 472 (1790); *Hypericum sinense* J.F.Gmel., Syst. Nat. ed. 13[bis]: 1157 (1792), orth. var.; *Hypericum*	Shrub	Central & S. China, Taiwan	Temperate biome. Mountain slopes, roadsides, thickets in dry habitats.	[1, 2, 5]

			salicifolium Siebold & Zucc., Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. 4(2): 162 (1845); *Norysca salicifolia* (Siebold & Zucc.) K.Koch, Hort. Dendrol.: 65 (1853); *Hypericum chinense* var. *salicifolium* (Siebold & Zucc.) Choisy in H.Zollinger, Syst. Verz. Ind. Archip. 2: 150 (1854); *Norysca aurea* (Lour.) Blume, Mus. Bot. 2: 23 (1856); *Norysca punctata* Blume, Mus. Bot. 2: 23 (1856); *Hypericum monogynum* var. *salicifolium* (Siebold & Zucc.) André, Rev. Hort. (Paris) 61: 464 (1889); *Hypericum chinense* subsp. *latifolium* Kuntze, Revis. Gen. Pl. 1: 60 (1891); *Hypericum chinense* subsp. *obtusifolium* Kuntze, Revis. Gen. Pl. 1: 60 (1891); *Hypericum chinense* subsp. *salicifolium* (Siebold & Zucc.) Kuntze, Revis. Gen. Pl. 1: 60 (1891); *Komana salicifolia* (Siebold & Zucc.) Y.Kimura in M.Honda, Nom. Pl. Jap.: 222 (1939); *Norysca chinensis* var. *salicifolia* (Siebold & Zucc.) Y.Kimura in T.Nakai & M.Honda, Nov. Fl. Jap. 10: 107 (1951).			Alt. 0-1500 m	
Hypericum longistylum Oliv.	*Hypericum longistylum* Oliv., Hooker's Icon. Pl. 16: t. 1534 (1886)	*Hypericaceae* Juss.	Homotypic Synonyms: *Norysca longistyla* (Oliv.) Y.Kimura in T.Nakai & M.Honda, Nov. Fl. Jap. 10: 98 (1951)	Shrub	Central & S. China	Temperate biome. Open sunny places, cliffs, dry banks and slopes, streamsides. Alt. 200-2100 m.	[1, 3, 23]
Inula britannica L.	*Pentanema britannica* (L.) D.Gut.Larr., Santos-Vicente, Anderb., E.Rico & M.M.Mart.Ort., Taxon 67: 159 (2018). Also reported as *Pentanema britannicum* [2]	*Asteraceae* Bercht. & J.Presl	Homotypic Synonyms: *Aster britannicus* (L.) All. in Fl. Pedem. 1: 197 (1785); *Conyza britannica* (L.) Moris ex Rupr. in Fl. Ingrica: 569 (1856); *Helenium britannica* (L.) Kuntze in Revis. Gen. Pl. 1: 342 (1891); *Inula britannica* L. in Sp. Pl.: 882. (1753) Heterotypic Synonyms: *Aster orientalis* S.G.Gmel. in Reise Russland 1: 155 (1770); *Aster undulatus* Moench in Methodus: 600 (1794), nom. illeg.; *Helenium macrolepis* Kuntze in Revis. Gen. Pl. 1: 343 (1891); *Helenium microcephalum* Kuntze in Revis. Gen. Pl. 1: 343 (1891), nom. illeg.; *Helenium repandum* Kuntze in Revis. Gen. Pl. 1: 343 (1891); *Inula britannica* var. *angustifolia* Becker in Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 44: 318 (1882), nom. illeg.; *Inula britannica* var. *angustifolia* Boenn. in Prodr. Fl. Monast. Westphal.: 256 (1824); *Inula britannica* var. *comosa* (Lam.) Mérat in Nouv. Fl. Env. Paris: 329 (1812); *Inula britannica* var. *eglandulosa* R.Nabiev in Opred. Rast. Sred. Azii 10: 632 (1993); *Inula britannica* subsp. *hispanica* (Pau) O.Bolòs & Vigo in Fontqueria 14: 9 (1987); *Inula britannica* var. *intermedia* Rosén & Wahlenb. in Nova Acta Regiae Soc. Sci. Upsal., ser. 2, 8: 248 (1821); *Inula britannica* subsp. *latifolia* U.P.Pratov & R.Nabiev in Opred. Rast. Sred. Azii 10: 632 (1993); *Inula britannica* var. *longilepis* R.Nabiev in Opred. Rast. Sred. Azii 10: 633 (1993); *Inula britannica* var. *microcephala* Velen. in Abh. Königl. Böhm. Ges. Wiss., ser. 7, 1(8): 22 (1886); *Inula britannica* var. *oelandica* Ahlq. in Kongl. Vetensk. Acad.	Perennial	Europe to Russian Far East and Himalaya	Temperate biome. Wet habitats: river and stream margins, marshes, ditches, wet grassland, and wet woods. Alt. 300-1700 m	[1, 2, 5, 29]

			Handl. 1821: 301 (1821); *Inula britannica* var. *ramosissima* Ledeb. in Fl. Ross. 2: 506 (1845); *Inula britannica* var. *sericans* Zalewski in Kosmos (Lvov) 5/6: 17 (1896); *Inula britannica* var. *stricta* Rosén & Wahlenb. in Nova Acta Regiae Soc. Sci. Upsal., ser. 2, 8: 248 (1821); *Inula britannica* f. *sublanata* (Kom.) Kitag. in Neolin. Fl. Manshur.: 648 (1979); *Inula britannica* var. *sublanata* Kom. in Trudy Imp. S.-Peterburgsk. Bot. Sada 25: 626 (1907); *Inula britannica* var. *tymiensis* Kudô in Contrib. Fl. North Sachal.: 58 (1923); *Inula britannica* var. *uniflora* Gaudin in Fl. Helv. 5: 320 (1829); *Inula britannica* var. *viridis* Rosén & Wahlenb. in Nova Acta Regiae Soc. Sci. Upsal., ser. 2, 8: 248 (1821); *Inula chinensis* (Kom.) Kom. in Key Pl. Far East. Reg. USSR 2: 1024 (1954); *Inula comosa* Lam. in Fl. Franç. 2: 147 (1779); *Inula dichotoma* Zuccagni in Cent. Observ. Bot.: 40 (1806); *Inula encelioides* Hornem. ex Ledeb. in Fl. Ross. 2: 506 (1845); *Inula hirta* Pollich in Hist. Pl. Palat. 2: 467 (1777), nom. illeg.; *Inula hispanica* Pau in Not. Bot. Fl. Españ. 6: 62 (1895); *Inula micranthos* DC. in Prodr. 5: 467 (1836); *Inula microcephala* Borbás in Bot. Jahrb. Syst. 8: 235 (1887); *Inula oetteliana* Rchb. in J.C.Mössler, Handb. Gewächsk., ed. 2. 2: 1506 (1829); *Inula orientalis* d'Urv. ex Boiss. in Fl. Orient. 3: 193 (1875), not validly publ.; *Inula serrata* Gilib. in Fl. Lit. Inch. 1: 207 (1782), opus utique oppr.; *Inula squarrosa* Krock. in Fl. Siles. 2(2): 442 (1790), sensu auct.; *Inula tymensis* Kudô in Contrib. Fl. North Sachal.: 58 (1923), not validly publ.; *Inula vaillantii* Schur ex Nyman in Consp. Fl. Eur.: 393 (1879)				
Kandelia obovata Sheue, H.Y.Liu & J.W.H.Yong	*Kandelia obovata* Sheue, H.Y.Liu & J.W.H.Yong, Taxon 52: 291 (2003)	*Rhizophoraceae* Pers.		Shrub or tree.	SE. China to Vietnam, Japan (S. Kyushu) to Taiwan	Subtropical biome. Margins of mangrove swamps and muddy or sandy tidal flats; sea level.	[1, 23]
Leucosceptrum canum Sm.	*Leucosceptrum canum* Sm., Exot. Bot. 2: 113 (1806)	*Lamiaceae* Martinov	Homotypic Names: *Clerodendrum leucosceptrum* D.Don, Prodr. Fl. Nepal.: 103 (1825); *Teucrium leucosceptrum* (D.Don) Voigt, Hort. Suburb. Calcutt.: 463 (1845). Heterotypic Synonyms: *Teucrium macrostachyum* Wall. ex Benth., Labiat. Gen. Spec.: 664 (1835); *Comanthosphace nepalensis* Kitam. & Murata, Acta Phytotax. Geobot. 15: 109 (1954).	Shrub or tree	Himalaya to S. Central China and Indochina	Subtropical biome. Dry open waste areas, forest margins, valley streamsides, second growth forests, thickets. Alt. 1000-2600 m	[1-3, 5, 6]
Lindera glauca (Siebold & Zucc.) Blume	*Lindera glauca* (Siebold & Zucc.) Blume,	*Lauraceae* Juss.	Homotypic Synonyms: *Benzoin glaucum* Siebold & Zucc. in Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. 4(3): 205 (1846).	Shrub or tree	Central & S. China to Indo-China	Temperate biome. Forests, roadsides on	[1, 2, 5]

	Mus. Bot. 1: 325 (1851)		Heterotypic Synonyms: *Benzoin glaucum* var. kawakamii (Hayata) Sasaki in List Pl. Formosa: 191 (1928); *Lindera glauca* f. *glabella* (Nakai) C.M.Pak in Fl. Coreana 2: 118 (1996); *Lindera glauca* var. *kawakamii* Hayata in J. Coll. Sci. Imp. Univ. Tokyo 30(1): 255 (1911); *Lindera glauca* var. *parvifolia* K.M.Li & W.D.Han in J. Nanjing Forest. Univ. 13(4): 88 (1989)		and Korea, S. Central & S. Japan, Taiwan	mountain slopes. Alt. 0-900 m	
Nicotiana benthamiana Domin	*Nicotiana benthamiana* Domin, Biblioth. Bot. 22(89): 591 (1929)	*Solanaceae* Juss.	Homotypic Synonyms: *Nicotiana suaveolens* var. *cordifolia* Benth. in Fl. Austral. 4: 470 (1868), nom. cons. prop.	Annual	N. Western Australia	Desert or dry shrubland biome. Sheltered sites, usually on the south-facing sides of rock outcrops and cliffs and in gorges of various compositions. Alt. …	[1, 2, 30, 31]
Oryza sativa L.	*Oryza sativa* L., Sp. Pl.: 333 (1753)	*Poaceae* Barnhart	Homotypic Synonyms: *Oryza palustris* Salisb. in Prodr. Stirp. Chap. Allerton: 25 (1796), nom. superfl. Heterotypic Synonyms: *Oryza aristata* Blanco in Fl. Filip.: 274 (1837), nom. illeg.; *Oryza communissima* Lour. in Fl. Cochinch.: 215 (1790); *Oryza denudata* (Desv.) Steud. in Nomencl. Bot. 1: 577 (1821), nom. provis.; *Oryza elongata* (Desv.) Steud. in Nomencl. Bot. 1: 577 (1821), nom. provis.; *Oryza formosana* Masam. & S.Suzuki in Trans. Nat. Hist. Soc. Formosa 25: 320 (1935); *Oryza glutinosa* Lour. in Fl. Cochinch.: 215 (1790); *Oryza marginata* (Desv.) Steud. in Nomencl. Bot. 1: 577 (1821), nom. provis.; *Oryza montana* Lour. in Fl. Cochinch.: 215 (1790); *Oryza mutica* Steud. in Nomencl. Bot. 1: 577 (1821), nom. nud.; *Oryza nepalensis* G.Don ex Steud. in Syn. Pl. Glumac. 1: 3 (1853), nom. nud.; *Oryza parviflora* P.Beauv. in Ess. Agrostogr.: 27 (1812), nom. nud.; *Oryza perennis* Moench in Methodus: 197 (1794); *Oryza plena* (Prain) N.P.Chowdhury in Indian Forester 75: 497 (1949); *Oryza praecox* Lour. in Fl. Cochinch.: 215 (1790); *Oryza pubescens* (Desv.) Steud. in Nomencl. Bot. 1: 577 (1821), nom. provis.; *Oryza pumila* Steud. in Nomencl. Bot., ed. 2, 2: 234 (1841), pro syn.; *Oryza repens* Buch.-Ham. ex Steud. in Syn. Pl. Glumac. 1: 3 (1853), nom. nud.; *Oryza rubribarbis* (Desv.) Steud. in Nomencl. Bot. 1: 577 (1821), nom. provis.; *Oryza sativa* var. *acutiligula* Miq. in Fl. Ned. Ind. 3: 370 (1855); *Oryza sativa* var. *adversoseluana* Portères in J. Agric. Trop. Bot. Appl. 2: 573, 579 (1955); *Oryza sativa* var. *affinis* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 234 (1885); *Oryza sativa* var. *alaotrana* Portères in J. Agric. Trop. Bot. Appl.	Annual or helophyte	Cultigen from China	Temperate biome. Cultivated, mainly in flooded fields. Alt. 0-2000 m	[1, 2, 23]

2: 573, 595 (1955); *Oryza sativa* f. *alba* (Miq.) Makino in Pract. Hort. 25: 1261 (1940); *Oryza sativa* var. *alba* Miq. in Fl. Ned. Ind. 3: 369 (1855); *Oryza sativa* var. *allachabadica* Gustchin in Riz & Rizic. 8: 34 (1934); *Oryza sativa* var. *alterogoensis* Portères in J. Agric. Trop. Bot. Appl. 2: 573, 595 (1955); *Oryza sativa* var. *amaura* Alef. in Landw. Fl.: 318 (1866); *Oryza sativa* var. *anandica* Gustchin in Riz & Rizic. 8: 33 (1934); *Oryza sativa* var. *angusta* Portères in J. Agric. Trop. Bot. Appl. 2: 574, 595 (1955); *Oryza sativa* var. *anjanica* Gustchin in Riz & Rizic. 8: 33 (1934); *Oryza sativa* var. *anthropophaga* Portères in J. Agric. Trop. Bot. Appl. 2: 574, 595 (1955); *Oryza sativa* var. *aquatica* Roshev. in Trudy Prikl. Bot. Selekts. 27(4): 41 (1931); *Oryza sativa* subvar. *aristata* A.Camus in Bull. Lab. Agron. Coloniale 1: 23 (1913), nom. illeg.; *Oryza sativa* subvar. *aristata* A.Camus in Bull. Lab. Agron. Coloniale 1: 28 (1913), nom. illeg.; *Oryza sativa* var. *aristata* A.Rich. in R.de la Sagra, Hist. Fis. Cuba, Bot. 11: 296 (1850), nom. illeg.; *Oryza sativa* var. *aristida* Blanco in Fl. Filip.: 273 (1837); *Oryza sativa* var. *aromatica* Gustchin in Riz & Rizic. 8: 33 (1934); *Oryza sativa* var. *assamica* Gustchin in Riz & Rizic. 8: 31 (1934); *Oryza sativa* var. *astaranica* Gustchin in Riz & Rizic. 8: 30 (1934); *Oryza sativa* var. *astarinica* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 50 (1935); *Oryza sativa* var. *atra* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 234 (1885); *Oryza sativa* var. *atricolorata* Gustchin in Riz & Rizic. 8: 34 (1934); *Oryza sativa* var. *atrobrunnea* Gustchin in Riz & Rizic. 8: 29 (1934); *Oryza sativa* var. *atrofusca* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 233 (1885); *Oryza sativa* var. *atrogrisea* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *atropurpurea* Makino in Pract. Hort. 25: 1259 (1940); *Oryza sativa* f. *atropurpurea* (Makino) Makino in Acta Phytotax. Geobot. 9: 103 (1940); *Oryza sativa* var. *aurica* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *auriculata* Portères in J. Agric. Trop. Bot. Appl. 2: 574, 595 (1955); *Oryza sativa* var. *azerbaidjanica* Gustchin in Riz & Rizic. 8: 35 (1934); *Oryza sativa* var. *badia* Portères in J. Agric. Trop. Bot. Appl. 2: 574, 595 (1955); *Oryza sativa* var. *balatensis* Portères in J. Agric. Trop. Bot. Appl. 2: 574, 595 (1955); *Oryza sativa* var. *bandica* Gustchin in Riz & Rizic. 8: 31 (1934); *Oryza sativa* var. *bansica* Gustchin in Riz & Rizic. 8: 30 (1934); *Oryza sativa* var. *bansmatica* Gustchin in Riz & Rizic. 8: 29 (1934); *Oryza sativa* var. *bastica* Gustchin in Riz & Rizic. 8: 35 (1934); *Oryza sativa* var. *baumannii* Körn. & K.Schum. in H.G.A.Engler, Pflanzenw. Ost-Afrikas, C: 61 (1895); *Oryza sativa* var. *bawako-mochii* Gustchin in Riz & Rizic. 8: 32 (1934); *Oryza sativa* var. *bicolorata* Gustchin in Riz & Rizic. 8: 35 (1934); *Oryza sativa* var. *binamban* Blanco in Fl. Filip.: 273 (1837); *Oryza sativa* var. *birainica* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *breviaristata* Vavilov in Trudy Prikl. Bot., Prilož. 33: 313 (1929); *Oryza* *sativa* proles *brevijaponica* Portères in Rev. Int. Bot. Appl. Agric. Trop. 30: 151 (1950); *Oryza sativa* subsp. *brevindica* (Portères) Vasc. in Trab. Centro Bot. Junta Invest. Ultramar 8: ? (1953); *Oryza sativa* proles *brevindica* Portères in Rev. Int. Bot. Appl. Agric. Trop. 30: 151 (1950); *Oryza sativa* subsp. *brevis* Gustchin in Riz & Rizic. 8: 28 (1934); *Oryza sativa* var. *brjezitsky* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 47, 50 (1935); *Oryza sativa* var. *brunnea* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 233 (1885); *Oryza sativa* var. *brunneopunctata* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *calvescens* Miq. in Fl. Ned. Ind. 3: 369 (1855); *Oryza sativa* var. *caroliniana* Postiglione in Relaz. Intorno Condizioni Agric.: 266 (1876); *Oryza sativa* var. *caspica* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 233 (1885); *Oryza sativa* var. *castanea* Portères in J. Agric. Trop. Bot. Appl. 2: 575, 595 (1955); *Oryza sativa* var. *castroi* Vasc. in Anais Inst. Super. Agron. 19: 3 (1952); *Oryza sativa* var. *catalonica* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 233 (1885); *Oryza sativa* var. *caucasica* Batalin ex Tuteff in Bot. Arch. 26: 154 (1929); *Oryza sativa* var. *ceylonica* Gustchin in Riz & Rizic. 8: 30 (1934); *Oryza sativa* var. *chambhanica* Gustchin in Riz & Rizic. 8: 31 (1934); *Oryza sativa* var. *chlamydantha* Portères in J. Agric. Trop. Bot. Appl. 2: 575, 595 (1955); *Oryza sativa* var. *chlorocarpa* Körn. in Mém. Inst. Égypt. 4: 305 (1901); *Oryza sativa* f. *chrysocarpa* Portères in J. Agric. Trop. Bot. Appl. 3: 55 (1956); *Oryza sativa* var. *cinnamomea* Gustchin in Riz & Rizic. 8: 33 (1934); *Oryza sativa communis* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 2: 938 (1885); *Oryza sativa* subsp. *communis* (Körn.) Gustchin in Riz & Rizic. 8: 28 (1934); *Oryza sativa* var. *costivorensis* Portères in J. Agric. Trop. Bot. Appl. 2: 575, 595 (1955); *Oryza sativa* var. *culinaris* Alef. in Landw. Fl.: 318 (1866); *Oryza sativa* var. *cyclina* Alef. in Landw. Fl.: 319 (1866); *Oryza sativa* var. *daloaensis* Portères in J. Agric. Trop. Bot. Appl. 2: 575, 595 (1955); *Oryza sativa* var. *denudata* Desv. in J. Bot. Agric. 1: 77 (1813); *Oryza sativa* var. *desvauxii* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 233 (1885); *Oryza sativa* var. *dextrinosa* Portères in J. Agric. Trop. Bot. Appl. 2: 576, 595 (1955); *Oryza sativa* var. *dichroa* Gustchin in Riz & Rizic. 8: 34 (1934); *Oryza sativa* var. *dicolorata* Gustchin in Riz & Rizic. 8: 30 (1934); *Oryza sativa* var. *dubia* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 234 (1885); *Oryza sativa* var. *dura* Crevost & Lemarié in Cat. Prod. Indochine 1: 13 (1947); *Oryza sativa* var. *eedeniana* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 234 (1885); *Oryza sativa* var. *elegans* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 48, 50 (1935); *Oryza sativa* var. *elongata* Desv. in J. Bot. Agric. 1: 76 (1813); *Oryza sativa* var. *erythroceros* Körn. in F.A.Körnicke & H.Werner, Handb.

Getreidebaus 1: 232 (1885); *Oryza sativa* var. *falca-aurea* Portères in J. Agric. Trop. Bot. Appl. 2: 576, 595 (1955); *Oryza sativa* var. *fayoumensis* Körn. in Mém. Inst. Égypt. 4: 306 (1901); *Oryza sativa* var. *ferganica* Gustchin in Riz & Rizic. 8: 35 (1934); *Oryza sativa* var. *ferruginea* Gustchin in Riz & Rizic. 8: 35 (1934); *Oryza sativa* var. *flagella* Portères in J. Agric. Trop. Bot. Appl. 2: 576, 595 (1955); *Oryza sativa* var. *flammea* Portères in J. Agric. Trop. Bot. Appl. 2: 576, 595 (1955); *Oryza sativa* var. *flammeorufa* Portères in J. Agric. Trop. Bot. Appl. 2: 576, 595 (1955); *Oryza sativa* var. *flavescens* Miq. in Fl. Ned. Ind. 3: 370 (1855); *Oryza sativa* var. *flaviseta* Miq. in Fl. Ned. Ind. 3: 368 (1855); *Oryza sativa* var. *flavoacies* L.K.Kara-Mursa in Zap. Sem. Kontr. Stantsii Narkomzema Azerb. SSR 3: 30, 36 (1929); *Oryza sativa* subvar. *fluitans* (Capus & Bois) E.G.Camus & A.Camus in H.Lecomte, Fl. Indo-Chine 7: 499 (1923); *Oryza sativa* var. *fluitans* Capus & Bois in Produits Colon.: 29 (1912); *Oryza sativa* var. *folia-villosa* Heuze in Pl. Aliment. 2: 125 (1872); *Oryza sativa* var. *formosana* (Masam. & S.Suzuki) Yeh & Hendr. in Crop Sci.(Madison) 1: 445 (1961); *Oryza sativa* var. *formosica* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *fuliginosa* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 48, 50 (1935); *Oryza sativa* var. *fuscescens* Körn. in Mém. Inst. Égypt. 4: 306 (1901); *Oryza sativa* var. *garhwalica* Gustchin in Riz & Rizic. 8: 31 (1934); *Oryza sativa* var. *gilanica* Gustchin in Riz & Rizic. 8: 30 (1934); *Oryza sativa* var. *gilvaaristata* Brjez. ex Zhuk. in Turq. Agric.: 333, 839 (1933); *Oryza sativa* var. *gilvus* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 48, 50 (1935); *Oryza sativa* var. *glutinosa* (Lour.) Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 2: 947 (1885), nom. illeg.; *Oryza sativa* var. *glutinosa* Blanco in Fl. Filip.: 273 (1837); *Oryza sativa* var. *graeca* Regel in Index Seminum (LE, Petropolitanus) 1865: 42 (1866); *Oryza sativa* var. *guianensis* Portères in J. Agric. Trop. Bot. Appl. 2: 577, 595 (1955); *Oryza sativa* var. *haematelytra* Miq. in Fl. Ned. Ind. 3: 370 (1855); *Oryza sativa* var. *hasskarlii* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 232 (1885); *Oryza sativa* var. *heuzeana* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 234 (1885); *Oryza sativa* var. *homochroma* Portères in J. Agric. Trop. Bot. Appl. 2: 577, 595 (1955); *Oryza sativa* proles *indica* (Shig.Kato) Gustchin in Riz & Rizic. 8: 28 (1934); *Oryza sativa* subsp. *indica* Shig.Kato in J. Dept. Agric. Kyushu Imp. Univ. 2: 275 (1930); *Oryza sativa* var. *indovialonica* Vasc. in Anais Inst. Super. Agron. 19: 2 (1952); *Oryza sativa* var. *infera* Makino in Pract. Hort. 25: 1261 (1940); *Oryza sativa* var. *isabellica* Gustchin in Riz & Rizic. 8: 29 (1934); *Oryza sativa* var. *isochroa* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 234 (1885); *Oryza sativa* var. *italica* Alef. in Landw. Fl.: 319 (1866); *Oryza sativa* var. *janthoceros* Körn. in

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rubribarbis Desv. in J. Bot. Agric. 1: 76 (1813); *Oryza sativa* var. *rubriglumella* Gustchin in Riz & Rizic. 8: 29 (1934); *Oryza sativa* var. *rubrostellata* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 50 (1935); *Oryza sativa* var. *rufibarbis* Gustchin in Riz & Rizic. 8: 30 (1934); *Oryza sativa* var. *rufibrunnea* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *rufiglumella* Gustchin in Riz & Rizic. 8: 30 (1934); *Oryza sativa* var. *saginata* Portères in J. Agric. Trop. Bot. Appl. 2: 585, 597 (1955); *Oryza sativa* var. *sarica* Gustchin in Riz & Rizic. 8: 30 (1934); *Oryza sativa* var. *sathi-nigrescens* Gustchin in Riz & Rizic. 8: 36 (1934); *Oryza sativa* var. *savannae* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 233 (1885); *Oryza sativa* var. *saxenii* Gustchin in Riz & Rizic. 8: 38 (1934); *Oryza sativa* var. *seulica* Gustchin in Riz & Rizic. 8: 39 (1934); *Oryza sativa* var. *sickenbergeri* Körn. in Mém. Inst. Égypt. 4: 306 (1901); *Oryza sativa* var. *sitapurica* Gustchin in Riz & Rizic. 8: 31 (1934); *Oryza sativa* var. *soneszardica* Gustchin in Riz & Rizic. 8: 35 (1934); *Oryza sativa* var. *sordida* Gustchin in Riz & Rizic. 8: 34 (1934); *Oryza sativa* var. *sorgoidea* Desv. in J. Bot. Agric. 1: 77 (1813); *Oryza sativa* f. *spontanea* Roshev. in Trudy Prikl. Bot. Selekts. 27: 37 (1931); *Oryza sativa* var. *striata* Gustchin in Riz & Rizic. 8: 35 (1934); *Oryza sativa* var. *subalba* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 49, 50 (1935), nom. illeg.; *Oryza sativa* var. *subalba* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *subamaura* L.K.Kara-Mursa in Zap. Sem. Kontr. Stantsii Narkomzema Azerb. SSR 3: 28, 35 (1929); *Oryza sativa* var. *subastarinica* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 47, 50 (1935); *Oryza sativa* var. *subazerbaidjanica* Gustchin in Riz & Rizic. 8: 36 (1934); *Oryza sativa* var. *subbrunea* Gustchin in Riz & Rizic. 8: 36 (1934); *Oryza sativa* var. *subdichroa* L.K.Kara-Mursa in Zap. Sem. Kontr. Stantsii Narkomzema Azerb. SSR 3: 26, 35 (1929); *Oryza sativa* var. *suberythroceros* Gustchin in Riz & Rizic. 8: 36 (1934); *Oryza sativa* var. *subflavoacies* Volozh. in Trudy Opytn. Uchrezhd. Daln. Vostoka 1: 141, 148 (1930); *Oryza sativa* var. *subjanthoceros* Gustchin in Riz & Rizic. 8: 36 (1934); *Oryza sativa* var. *subjarhanica* Vasc. in Anais Inst. Super. Agron. 19: 2 (1952); *Oryza sativa* var. *subleucoceros* Volozh. in Trudy Opytn. Uchrezhd. Daln. Vostoka 1: 140, 148 (1930); *Oryza sativa* var. *submasenderano* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 47, 50 (1935); *Oryza sativa* var. *submelanotrix* Volozh. in Trudy Opytn. Uchrezhd. Daln. Vostoka 1: 143, 148 (1930); *Oryza sativa* var. *submovlanica* Vasc. in Anais Inst. Super. Agron. 19: 2 (1952); *Oryza sativa* var. *submutica* Miq. in Fl. Ned. Ind. 3: 369 (1855); *Oryza sativa* var. *subpyrocarpa* Gustchin in Riz & Rizic. 8: 36 (1934); *Oryza sativa* var. *subratoonica* Vasc. in Anais Inst. Super. Agron. 19: 1 (1952); *Oryza sativa* var. *subsubulata* Miq. in Fl. Ned. Ind. 3: 369 (1855);

			Oryza sativa var. *subvavilovii* Jabrova in Trudy Azerbaidzhansk. Otd. Zakavkazsk. Fil. Akad. Nauk S.S.S.R. 2: 48, 50 (1935); *Oryza sativa* var. *subvulgaris* Gustchin in Riz & Rizic. 8: 36 (1934); *Oryza sativa* var. *subzomica* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *sultanpurica* Gustchin in Riz & Rizic. 8: 33 (1934); *Oryza sativa* var. *taurina* Alef. in Landw. Fl.: 318 (1866); *Oryza sativa* var. *tawnica* Gustchin in Riz & Rizic. 8: 29 (1934); *Oryza sativa* var. *tcharinica* Gustchin in Riz & Rizic. 8: 34 (1934); *Oryza sativa* var. *terrestris* Makino in J. Jap. Bot. 8: 31 (1932); *Oryza sativa* var. *trichoviolacea* Gustchin in Riz & Rizic. 8: 37 (1934); *Oryza sativa* var. *usitatissima* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 2: 938 (1885); *Oryza sativa* var. *ussurica* Volozh. in Trudy Opytn. Uchrezhd. Daln. Vostoka 1: 146, 148 (1930); *Oryza sativa* var. *utilissima* A.Camus in Bull. Lab. Agron. Coloniale 1: 9 (1913); *Oryza sativa* var. *vavilovii* Gustchin in Riz & Rizic. 8: 35 (1934); *Oryza sativa* proles *verindojaponicoides* Portères in Rev. Int. Bot. Appl. Agric. Trop. 30: 153 (1950); *Oryza sativa* proles *verohumilojaponicoides* Portères in Rev. Int. Bot. Appl. Agric. Trop. 30: 153 (1950); *Oryza sativa* proles *verojaponicoides* Portères in Rev. Int. Bot. Appl. Agric. Trop. 30: 153 (1950); *Oryza sativa* var. *violacea* Blanco in Fl. Filip.: 275 (1837); *Oryza sativa* var. *violacea* Gustchin in Riz & Rizic. 8: 35 (1934), nom. illeg.; *Oryza sativa* var. *violapunctata* L.K.Kara-Mursa in Zap. Sem. Kontr. Stantsii Narkomzema Azerb. SSR 3: 29, 35 (1929); *Oryza sativa* var. *violeobrevis* Vasc. in Anais Inst. Super. Agron. 19: 3 (1952); *Oryza sativa* var. *viridescens* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 232 (1885); *Oryza sativa* var. *vulgaris* Postiglione in Relaz. Intorno Condizioni Agric.: 265 (1876); *Oryza sativa* var. *wightiana* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 232 (1885); *Oryza sativa* var. *xanthoxeros* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 2: 943 (1885); *Oryza sativa* var. *zeravschanica* Gustchin in Riz & Rizic. 8: 33 (1934); *Oryza sativa* var. *zhukovskii* Gustchin in Riz & Rizic. 8: 32 (1934); *Oryza sativa* var. *zomica* Körn. in F.A.Körnicke & H.Werner, Handb. Getreidebaus 1: 234 (1885); *Oryza segetalis* Russell ex Steud. in Syn. Pl. Glumac. 1: 3 (1853), nom. nud.; *Oryza sorghoidea* (Desv.) Steud. in Nomencl. Bot. 1: 577 (1821), nom. provis.				
Patrinia scabra Bunge	*Patrinia scabra* Bunge, Uchen. Zap. Imp. Kazansk. Univ. 1835(4): 171 (1835)	*Caprifoliaceae* Juss.	Homotypic Synonyms: *Fedia scabra* (Bunge) Kuntze in Revis. Gen. Pl. 1: 302 (1891); *Patrinia rupestris* subsp. *scabra* (Bunge) H.J.Wang in Acta Phytotax. Sin. 23: 382 (1985)	Perennial	N. China (to W. Henan)	Temperate biome. Sunny grassy slopes, forest margins; Alt. 300-1700 m	[1, 23]

Periploca somaliensis Browicz	*Periploca somaliensis* Browicz, Arbor. Kórnickie 9: 53 (1966)	*Apocynaceae* Juss.,	Heterotypic Synonyms: *Periploca brevicoronata* Goyder & Boulos in Kew Bull. 46: 133 (1991)	Scrambling shrub	N. Somalia, SW. Arabian Peninsula	Subtropical biome. Semi-arid mountain scrub. Alt. 2000-2500 m	[1, 2, 32-34]
Phellodendron chinense var. *glabriusculum* C.K.Schneid.	*Phellodendron chinense* var. *glabriusculum* C.K.Schneid., Ill. Handb. Laubholzk. 2: 126 (1907)	*Rutaceae* Juss.	Heterotypic Synonyms: *Phellodendron amurense* var. *wilsonii* (Hayata & Kaneh.) C.E.Chang in Quart. J. Chin. Forest. 7(4): 58 (1974); *Phellodendron chinense* var. *falcatum* C.C.Huang in Acta Phytotax. Sin. 7: 336 (1958); *Phellodendron chinense* var. *omeiense* C.C.Huang in Acta Phytotax. Sin. 7: 335 (1958); *Phellodendron chinense* var. *yunnanense* C.C.Huang in Acta Phytotax. Sin. 7: 336 (1958); *Phellodendron sinense* Dode in Bull. Soc. Bot. France 55: 649 (1909); *Phellodendron wilsonii* Hayata & Kaneh. in Icon. Pl. Formosan. 9: 8 (1920)	Tree	Central & S. China	Temperate biome. Mixed broad-leaved forests, open to dense forests. Alt. 800-1500 (-3000) m	[1, 2, 35]
Picrasma quassioides (D.Don) Benn.	*Picrasma quassioides* (D.Don) Benn., Pl. Jav. Rar.: 198 (1844)	*Simaroubaceae* DC.	Homotypic Synonyms: *Simaba quassioides* D.Don, Prodr. Fl. Nepal.: 248 (1825). Heterotypic Synonyms *Rhus ailanthoides* Bunge, Mém. Acad. Imp. Sci. St.-Pétersbourg Divers Savans 2: 89 (1835); *Nima quassioides* Buch.-Ham. ex A.Juss., Mém. Mus. Hist. Nat. 12: 517 (1825); *Picrasma ailanthoides* (Bunge) Planch., London J. Bot. 5: 573 (1846); *Picrasma japonica* A.Gray, Mem. Amer. Acad. Arts, n.s., 6: 383 (1859); *Picrasma quassioides* f. *glabrescens* (Pamp.) Kitag., Neolin. Fl. Manshur.: 424 (1979); *Zwingera quassioides* Spreng., Syst. Veg. 4(2): 163 (1827)	Tree	Himalaya to Temp. E. Asia	Temperate biome. Mountainous mixed forests. Alt. 1400-3200 m	[1, 2, 35]
Poa pratensis L.	*Poa pratensis* L., Sp. Pl.: 67 (1753)	*Poaceae* Barnhart	Homotypic Synonyms: *Paneion pratense* (L.) Lunell in Amer. Midl. Naturalist 4: 222 (1915); *Poa angustifolia* subsp. *pratensis* (L.) K.Richt. in Pl. Eur. 1: 87 (1890); *Poa angustifolia* var. *pratensis* (L.) Simonk. in Enum. Pl. Transsilv.: 580 (1896); *Poa pratensis* var. *major* Roth in Enum. Pl. Phaen. Germ. 1(1): 334 (1827), not validly publ; *Poa pratensis* subsp. *vulgaris* Gaudin in Fl. Helv. 1: 258 (1828), not validly publ.	Perennial or rhizomatous geophyte	Subarctic to Temp. Northern Hemisphere and N. Mexico	Temperate biome. Moderately moist to wet conditions, from coastal meadows to forest shade, to alpine and tundra, often in disturbed sites; Alt. 500–4400 m	[1, 23]
Raoulia australis Hook.f. ex Raoul	*Raoulia australis* Hook.f. ex Raoul, Choix pl. Nouv.-Zél. 20, t. 15 (1846)	*Asteraceae* Bercht. & J.Presl	Heterotypic Synonym: *Raoulia lutescens* Beauverd in Bull. Soc. Bot. Genève, sér. 2, 2: 221 (1910)	Subshrub	New Zealand	Subalpine or subarctic biome. Dry grassland and stable riverbed, forming hard, dense, blue-grey, or yellow-green mats.	[1, 2, 36-39]

						Alt. 0-1680 m	
Rhodomela confervoides (Hudson) P.C.Silva 1952	Rhodomela confervoides (Hudson) P.C.Silva 1952, Silva, P.C. (1952). University of California Publications in Botany 25: 241-323	*Rhodomelaceae* Horaninow	Basionym: *Fucus confervoides* Hudson. Homotypic synonyms: *Fucus confervoides* Hudson 1762; *Sphaerococcus confervoides* (Hudson) C.Agardh 1817. Heterotypic synonyms: *Rhodomela subfusca* var. *firmior* J.Agardh null; *Fucus subfuscus* Woodward 1791; *Fucus variabilis* Goodenough & Woodward 1797; *Fuscaria variabilis* Stackhouse 1809; *Gigartina subfusca* (Woodward) J.V.Lamouroux 1813; *Sphaerococcus subfuscus* (Woodward) C.Agardh 1817; *Sphaerococcus subfuscus* var. *tenuior* C.Agardh 1817; *Gigartina subfusca* var. *tenuior* (C.Agardh) Lyngbye 1819; *Gigartina subfusca* var. *flaccida* Lyngbye 1819; *Gigartina subfusca* var. *racemosa* Lyngbye 1819; *Rhodomela subfusca* (Woodward) C.Agardh 1822; *Rhodomela subfusca* var. *tenuior* (C.Agardh) C.Agardh 1822; *Rhodomela subfusca* var. *flaccida* (Lyngbye) C.Agardh 1822; *Rhodomela subfusca* var. *penicillata* C.Agardh 1822; *Lophura gracilis* Kützing 1843; *Rhodomela rochei* Harvey 1853; *Rhodomela subfusca* f. *gracilior* J.Agardh 1863; *Rhodomela subfusca* f. *extrataeniensis* Areschoug 1875; *Rhodomela subfusca* f. *gracilis* (Kützing) Areschoug 1875; *Rhodomela subfusca* f. *intrataeniensis* Areschoug 1875; *Rhodomela subfusca* f. *tenuior* (C.Agardh) Svedelius 1901; *Rhodomela subfusca* f. *abyssicola* Rosenvinge 1924; *Rhodomela confervoides* f. *gracilior* (J.Agardh) W.R.Taylor 1957; *Rhodomela confervoides* f. *rochei* (Harvey) W.R.Taylor 1957; *Rhodomela confervoides* f. *abyssicola* (Rosenvinge) Pankow 1971; *Rhodomela confervoides* f. *gracilis* (Kützing) Pankow 1971; *Rhodomela confervoides* f. *tenuior* (C.Agardh) Pankow 1971	Marine species	Widely distributed	On rocks and shells, intertidal pools at all levels	[40]
Salvia aethiopis L.	*Salvia aethiopis* L., Sp. Pl.: 27 (1753)	*Lamiaceae* Martinov	Homotypic Names: *Sclarea aethiopis* (L.) Mill., Gard. Dict. ed. 8: n.º 2 (1768); *Sclarea lanata* Moench, Methodus: 374 (1794), nom. superfl.; *Salvia lanata* Stokes, Bot. Mat. Med.: 52 (1812), nom. illeg. Heterotypic Synonyms: *Salvia kochiana* Kunze, Index Seminum (LZ, Lipsiensis) 1847: 4 (1847); *Salvia leuconeura* Boiss., Diagn. Pl. Orient., ser. 2, 4: 20 (1859); *Aethiopis vera* Fourr., Ann. Soc. Linn. Lyon, n.s., 17: 134 (1869); *Salvia idanensis* Gand., Fl. Lyon.: 171 (1875).	Biennial or perennial	Europe to Central Asia	Temperate biome. Steppe, igneous and limestone slopes, fallow fields, roadside banks. Alt. 0-2100 m	[1-3, 41-43]
Salvia dominica L.	*Salvia dominica* L., Sp. Pl.: 25 (1753)	*Lamiaceae* Martinov	Heterotypic Synonyms: *Salvia graveolens* Vahl, Enum. Pl. Obs. 1: 273 (1804); *Salvia commutata* Benth., Labiat. Gen. Spec.: 222 (1833); *Salvia syriaca* Gouan ex Benth. in A.P.de Candolle, Prodr. 12: 279 (1848).	Perennial	E. Medit. to Arabian Peninsula	Subtropical biome. Batha vegetation in chalk rocks and white-grayish soil.	[1, 2, 44, 45]

						Alt. 25-250 m	
Salvia hypoleuca Benth.	*Salvia hypoleuca* Benth., A.P.de Candolle, Prodr. 12: 279 (1848)	*Lamiaceae* Martinov	-	Perennial	N. and Central Iran	Temperate biome. In the arid sub-alpine, in rocky detritus. Alt. 25-3000 m	[1, 2, 46, 47]
Salvia lachnocalyx Hedge	*Salvia lachnocalyx* Hedge, Fl. Iranica 150: 455 (1982)	*Lamiaceae* Martinov	-	Perennial	S. Iran	Subtropical biome. Endemic. Alt. 2000-3000 m	[1-3, 41]
Salvia limbata C.A.Mey.	*Salvia limbata* C.A.Mey., Verz. Pfl. Casp. Meer.: 86 (1831)	*Lamiaceae* Martinov	Heterotypic Synonyms: *Salvia flexuosa* Schrank, Syll. Pl. Nov. 2: 57 (1826), provisionally listed as a synonym; *Salvia polyadenia* Boiss. & Heldr. in P.E.Boissier, Diagn. Pl. Orient. 5: 7 (1844); *Salvia chrysadenia* Freyn, Bull. Herb. Boissier, sér. 2, 1: 279 (1901).	Perennial	E. Turkey to Iran	Temperate biome. Stony slopes, steppe, sandy loam, roadsides, cornfields. Alt. 1060-2340 m	[1-3, 41]
Salvia mirzayanii Rech.f. & Esfand**.**	*Salvia mirzayanii* Rech.f. & Esfand., Oesterr. Bot. Z. 99: 53 (1952)	*Lamiaceae* Martinov	-	Subshrub	NE. Arabian Peninsula, W. & S. Iran	Subtropical biome. In mountains. Alt. 1100-1700 m	[1-3, 47-50]
Salvia palaestina Benth.	*Salvia palaestina* Benth., Labiat. Gen. Spec.: 718 (1835)	*Lamiaceae* Martinov	Heterotypic Synonyms: *Salvia sinaica* Delile ex Benth., Labiat. Gen. Spec.: 718 (1835); *Salvia lorentii* Hochst. in J.A.Lorent, Wanderungen: 333 (1845); *Salvia sieberi* C.Presl, Abh. Königl. Böhm. Ges. Wiss., ser. 5, 3: 530 (1845); *Salvia rassamii* Boiss., Fl. Orient. 4: 615 (1879); *Salvia alliaria* Parsa, Kew Bull. 3: 224 (1948).	Perennial	E. Medit. to Iran	Subtropical biome. Limestone and igneous rocky slopes, cliffs, in Quercus scrub, vineyards, fallow fields. Alt. 300-1500 m	[1, 2, 41, 42]
Salvia sahendica Boiss. & Buhse	*Salvia sahendica* Boiss. & Buhse, Nouv. Mém. Soc. Imp. Naturalistes	*Lamiaceae* Martinov	-	Perennial	NW. Iran	Temperate biome. Endemic. Alt. 1600-2600 m	[1, 2, 46, 51]

	Moscou 12: 172 (1860)						
Salvia syriaca L.	*Salvia syriaca* L., Syst. Nat. ed. 10, 2: 854 (1759)	*Lamiaceae* Martinov	Homotypic Names: *Sclarea syriaca* (L.) Mill., Gard. Dict. ed. 8: n.º 5 (1768). Heterotypic Synonyms: *Salvia parviflora* Vahl, Enum. Pl. Obs. 1: 268 (1804), nom. illeg.; *Salvia varia* Vahl, Enum. Pl. Obs. 1: 273 (1804).	Perennial	E. Medit. to Iran	Temperate biome. Steppe, marly banks, fallow and cultivated fields. Alt. 350-2180 m	1, 2, 42, 46, 51, 52
Salvia tingitana Etl.	*Salvia tingitana* Etl., Salv.: 35 (1777)	*Lamiaceae* Martinov	Homotypic Names: *Sclarea tingitana* (Etl.) Raf., Fl. Tellur. 3: 94 (1837).	Perennial or subshrub	W. Saudi Arabia	Subtropical biome. Rocky slopes, juniper zone. Alt. 1676-1800 m	1, 2, 53-57
Salvia yosgadensis Freyn & Bornm.,	*Salvia yosgadensis* Freyn & Bornm., Oesterr. Bot. Z. 42: 348 (1892)	*Lamiaceae* Martinov	-	Perennial	W. Central Turkey	Temperate biome. *Quercus* scrub, disturbed steppe, fields. Alt. 800-1635 m	1, 2, 42, 51, 52
Scutellaria coleifolia H.Lév.	*Scutellaria violacea* var. *violacea*	*Lamiaceae* Martinov	Heterotypic Synonyms: *Scutellaria coleifolia* H.Lév. in Repert. Spec. Nov. Regni Veg. 13: 343 (1914); *Scutellaria floribunda* Benth. in A.P.de Candolle, Prodr. 12: 418 (1848); *Scutellaria indica* Roxb. in Fl. Ind., ed. 1832. 3: 24 (1832), nom. illeg.; *Scutellaria nodulosa* A.Ham. in Esq. Monogr. Scutellaria: 26 (1832); *Scutellaria violacea* var. *floribunda* (Benth.) Hook.f. in Fl. Brit. India 4: 668 (1885); *Scutellaria violacea* var. *glabra* Trimen in Syst. Cat. Fl. Pl. Ceylon: 70 (1885); *Scutellaria violacea* var. *glabrior* Benth. in N.Wallich, Pl. Asiat. Rar. 1: 67 (1830); *Scutellaria violacea* var. *sikkimensis* Hook.f. in Fl. Brit. India 4: 668 (1885)	perennial	S. India, Himalaya to S. Central China and Thailand	Wet tropical biome. Pine forests, grassy slopes. Alt. 1900-3200 m	1, 2, 35
Serjania goniocarpa Radlk.	*Serjania goniocarpa* Radlk., Monogr. Serjania: 309 (1875)Radlk.	*Sapindaceae* Juss.	Heterotypic Synonyms: *Serjania racemosa* Seem. in Bonplandia (Hannover) 5: 74 (1857), nom. illeg.	Liana	Mexico to Honduras	Seasonally dry tropical biome. *Pinus-Quercus* and *Juniperus* forest, ecotonia with tropical deciduous forest with crassicaules, in black rocky soil, with limestone outcrops. Alt. 2030 m	1, 2, 58

Solanum tuberosum L.	*Solanum tuberosum* L., Sp. Pl.: 185 (1753)	*Solanaceae* Juss.	Homotypic Synonyms: *Lycopersicon tuberosum* (L.) Mill., Gard. Dict. ed. 8: n.º 7 (1768); *Solanum tuberosum* var. *cultum*, Arch. Sci. Phys. Nat., III, 15: 437 (1886); *Solanum tuberosum* var. *vulgare* Hook.f., Bot. Antarct. Voy. 1(2): 329 (1768) Heterotypic Synonyms: *Battata tuberosa* (L.) Hill, Hort. Kew. 148; *Larnax sylvarum* subsp. *novogranatensis* N.W.Sawyer, 11(4): 461 (-462) (2001); *Parmentiera edulis* Raf., Autik. Bot.: 108 (1840); *Solanum andigenum* Juz. & Bukasov, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 609 (1929); *Solanum andigenum* convar. *acutifolium* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 47 (1983); *Solanum andigenum* convar. *adpressipilosum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 48 (1983); *Solanum andigenum* f. *alccai-huarmi* Bukasov & Lechn., 58: 54 (1933); *Solanum andigenum* f. *ancacc-maquin* Bukasov & Lechn., 58: 63 (1933); *Solanum andigenum* f. *arcuatum* Bukasov & Lechn., 58: 73 (1933); *Solanum andigenum* subsp. *argentinicum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 48 (1983); *Solanum andigenum* subsp. *australiperuvianum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 46 (1983); *Solanum andigenum* subsp. *aya-papa* Bukasov & Lechn., 58: 45, 164 (1933); *Solanum andigenum* var. *aymaranum* Bukasov & Lechn., 58: 68 (1933); *Solanum andigenum* f. *basiscopum* Bukasov & Lechn., 58: 69 (1933); *Solanum andigenum* f. *bifidum* Bukasov & Lechn., 58: 71 (1933); *Solanum andigenum* var. *bolivianum* Bukasov & Lechn., 58: 70 (1933); *Solanum andigenum* subsp. *bolivianum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 48 (1983); *Solanum andigenum* convar. *brachistylum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 48 (1983); *Solanum andigenum* convar. *brevicalyces* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 48 (1983); *Solanum andigenum* var. *brevicalyx* Bukasov & Lechn., 58: 75 (1933); *Solanum andigenum* convar. *brevipilosum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 46 (1983); *Solanum andigenum* f. *caesium* Bukasov & Lechn., 58: 74 (1933); *Solanum andigenum* f. *caiceda* Bukasov, 47: 208 (1930); *Solanum andigenum* var. *carhua* Vargas, 2: 49 (1954); *Solanum andigenum* f. *ccompetillo* Bukasov & Lechn., 58: 56 (1933); *Solanum andigenum* f. *ccompis* Bukasov & Lechn., 58: 67 (1933); *Solanum andigenum* var. *ccusi* Bukasov & Lechn., 58: 62 (1933); *Solanum andigenum* subsp. *centraliperuvianum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 46 (1983); *Solanum andigenum* f. *cevallosii* Bukasov & Lechn., 58: 74 (1933); *Solanum andigenum* f. *chalcoense* Bukasov, 47: 204, 517. (1930); *Solanum andigenum* f. *chimaco* Bukasov & Lechn., 58: 58 (1933); *Solanum andigenum* var. *ckello-huaccoto* Bukasov & Lechn., 58: [53] (1933); *Solanum andigenum* f. *coeruleum* Lechn. ex Bukasov, 58: 48 (1933); *Solanum andigenum* var. *colombianum* Bukasov, Trudy Prikl. Bot. 47: 205 (1930); *Solanum andigenum* subsp. *colombianum*	Tuberous geophyte	W. and S. South America to NW. Venezuela	Subtropical biome. Montane (highlands). Widely cultivated. Alt. 1650-3600 m	[1-3, 26]

(Bukasov) Lechn., Trudy Prikl. Bot. 47: 205 (1930); *Solanum andigenum* f. *conicicolumnatum* Bukasov & Lechn., 58: 68 (1933); *Solanum andigenum* f. *cryptostylum* Bukasov & Lechn., 58: 75 (1933); *Solanum andigenum* convar. *curtibaccatum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 47 (1983); *Solanum andigenum* var. *cuzcoense* Bukasov & Lechn., 58: 59 (1933); *Solanum andigenum* var. *digitotuberosum* Vargas, 2: 49 (1954); *Solanum andigenum* f. *dilatatum* Bukasov & Lechn., 58: 72 (1933); *Solanum andigenum* f. *discolor* Bukasov & Lechn., 58: 69 (1933); *Solanum andigenum* subsp. *ecuatorianum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 46 (1983); *Solanum andigenum* convar. *elongatibaccatum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 48 (1983); *Solanum andigenum* f. *elongatipedicellatum* Lechn., 1: 17 (1940); *Solanum andigenum* f. *globosum* Bukasov & Lechn., 58: 69 (1933); *Solanum andigenum* var. *grauense* Vargas, 2: 48 (1954); *Solanum andigenum* f. *guatemalense* Bukasov, 47: 205, 518 (1930); *Solanum andigenum* var. *hederiforme* Bukasov; *Solanum andigenum* var. *herrerae* Bukasov & Lechn., 58: 60 (1933); *Solanum andigenum* f. *huaca-layra* Bukasov & Lechn., 58: 68 (1933); *Solanum andigenum* var. *huairuru* Bukasov & Lechn., 58: 57 (1933); *Solanum andigenum* f. *huallata* Bukasov & Lechn., 58: 61 (1933); *Solanum andigenum* f. *huaman-uma* Bukasov & Lechn., 58: 54 (1933); *Solanum andigenum* var. *imilla* Bukasov & Lechn., 58: 66 (1933); *Solanum andigenum* f. *incrassatum* Bukasov & Lechn., 58: 71 (1933); *Solanum andigenum* var. *juninum* Bukasov, 58: 46 (1933); *Solanum andigenum* f. *lanciacuminatum* Bukasov & Lechn., 58: 69 (1933); *Solanum andigenum* f. *lapazense* Bukasov & Lechn.; 58: 70 (1933); *Solanum andigenum* var. *latius* Bukasov & Lechn., 58: 51 (1933); *Solanum andigenum* f. *leckeumo* Bukasov & Lechn., 58: 61 (1933); *Solanum andigenum* f. *lilacinoflorum* Bukasov, 58: 38 (1933); *Solanum andigenum f. lisarassa* Bukasov, 47: 209, 520 (1930); *Solanum andigenum* f. *llutuc-runtum* Lechn. ex Bukasov, 58: 60 (1933); *Solanum andigenum* convar. *longiacuminatum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 47 (1983); *Solanum andigenum* var. *longibaccatum* Bukasov & Lechn., 58: 73 (1933); *Solanum andigenum* convar. *macron* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 48 (1983); *Solanum andigenum* f. *magnicorollatum* Bukasov & Lechn., 58: 71 (1933); *Solanum andigenum* var. *mexicanum* Bukasov, 47: 202, 516 (1930); *Solanum andigenum* f. *microstigma* Bukasov & Lechn., 58: 63 (1933); *Solanum andigenum* convar. *microstigmatum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 47 (1983); *Solanum andigenum* f. *nodosum* Bukasov, 58: 49 (1933); *Solanum andigenum* convar. *nudiculum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 47 (1983); *Solanum andigenum* convar. *obtusiacuminatum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 47

(1983); *Solanum andigenum* f. *ovatibaccatum* Bukasov & Lechn., 58: 68 (1933); *Solanum andigenum* f. *pacus* Lechn. ex Bukasov, 58: 57 (1933); *Solanum andigenum* f. *pallidum* Bukasov & Lechn., 58: 74 (1933); *Solanum andigenum* var. *platyantherum* Bukasov & Lechn., 58: 50 (1933); *Solanum andigenum* f. *pomacanchicum* Bukasov & Lechn., 58: 63 (1933); *Solanum andigenum* f. *ppacc-nacha* Bukasov & Lechn., 58: 63 (1933); *Solanum andigenum* f. *ppaqui* Bukasov & Lechn., 58: 60 (1933); *Solanum andigenum* convar. *puca-mata* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 46 (1983); *Solanum andigenum* var. *quechuanum* Bukasov & Lechn., 58: 57 (1933); *Solanum andigenum* var. *sihuanum* Bukasov & Lechn., 58: 58 (1933); *Solanum andigenum* var. *socco-huaccoto* Bukasov & Lechn., 58: 63 (1933); *Solanum andigenum* convar. *stenon* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 46 (1983); *Solanum andigenum* var. *stenophyllum* Bukasov & Lechn., 58: 74 (1933); *Solanum andigenum* f. *sunchchu* Bukasov & Lechn., 58: 55 (1933); *Solanum andigenum* subsp. *tarmense* Bukasov & Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 46 (1983); *Solanum andigenum* f. *tenue* Bukasov & Lechn., 58: 51 (1933); *Solanum andigenum* f. *tiahuanacense* Bukasov & Lechn., 58: 72 (1933); *Solanum andigenum* convar. *titicacense* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 79: 47 (1983); *Solanum andigenum* f. *tocanum* Bukasov, 47: 205 (1930); *Solanum andigenum* f. *tolucanum* Bukasov, 47: 202, 516 (1930); *Solanum andigenum* f. *uncuna* Bukasov & Lechn., 58: 63 (1933); *Solanum apurimacense* Vargas, Pagas Sudper. 2: 58 (1956); *Solanum aracatscha* Besser, 1816: 135 (1816); *Solanum aracc-papa* Juz. ex Rybin, Trudy Prikl. Bot., Ser. 2, Genet. Rast. 2nd ser. 20: 674 (1929); *Solanum ascasabii* Hawkes, Potato Collect. Exped. Mexico & S. Amer. 2 Syst. Classific. Collect. 69: 130 (1944); *Solanum boyacense* Juz. & Bukasov, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 609 (1929); *Solanum caniarense* Juz. & Bukasov, 17 (1937); *Solanum cardenasii* Hawkes, Potato Collect. Exped. Mexico & S. Amer. 2 Syst. Classific. Collect. 67: 129 (1944); *Solanum cayeuxi* Berthault, ser. 3, 6, 2: 210 (1911); *Solanum chariense* A.Chev., 1: 216 (1913); *Solanum chaucha* Juz. & Bukasov, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 609 (1929); *Solanum chaucha* var. *ccoe-sulla* Ochoa, Phytologia 65(2): 107 (1988); *Solanum chaucha* var. *ckati* Ochoa, Phytologia 65(2): 107 (1988); *Solanum chaucha* var. *khoyllu* Ochoa, Phytologia 65(2): 107 (1988); *Solanum chaucha* var. *puca-suitu* Ochoa, Phytologia 65(2): 108 (1988); *Solanum chaucha* f. *purpureum* Hawkes, 2: 75, 131 (1944); *Solanum chaucha* f. *roseum* Hawkes, 2: 74, 131 (1944); *Solanum chaucha* var. *surimana* Ochoa, Phytologia 65(2): 108 (1988); *Solanum chiloense* (A.DC.) Berthault, 121, 127, 128, 135 (1911); *Solanum chilotanum* Hawkes, Potato Collect. Exped. Mexico & S. Amer., 2, Syst. Classific. Collect.: 79 (1944); *Solanum chilotanum* var. *angustifurcatum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 73(2): 116 (1982); *Solanum chilotanum* f. *magnicorollatum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 73(2): 116 (1982); *Solanum chilotanum* f. *parvicorollatum* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 73(2): 116 (1982); *Solanum chilotanum* var. *talukdarii* Lechn., Trudy Prikl. Bot., Ser. 2, Genet. Rast. 73(2): 115 (1982); *Solanum chocclo* Bukasov & Lechn., 58: 118, 186 (1933); *Solanum churuspi* Hawkes, Potato Collect. Exped. Mexico & S. Amer. 2 Syst. Classific. Collect. 64: 129 (1944); *Solanum coeruleiflorum* Hawkes, Potato Collect. Exped. Mexico & S. Amer. 2 Syst. Classific. Collect. 76: 131 (1944); *Solanum cultum* (A.DC.) Berthault, 127, 128 (1911); *Solanum diemii* E.Brucher, Darwiniana 13: 108 (1964); *Solanum dubium* E.H.L.Krause, 10: 75 (1903); *Solanum erlansonii* Anon., 12 (1937); *Solanum esculentum* Neck., Delic. Gallo-Belg. i. 119 (1768); *Solanum estradea* L.E.López, Mutisia 55: 5 (1983); *Solanum goniocalyx* Juz. & Bukasov, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 605 (1929); *Solanum goniocalyx* var. *caeruleum* Vargas, 2: 5 (1954); *Solanum herrerae* Juz., Izv. Akad. Nauk S.S.S.R., Ser. Biol. 2: 310 (1937); *Solanum hygrothermicum* Ochoa, Econ. Bot. 38: 129 (1984); *Solanum kesselbrenneri* Juz. & Bukasov, 10: 52, 55, 59 (1934); *Solanum leptostigma* Juz., 2: 309 (1937); *Solanum leptostigma* Juz. ex Bukasov, Trudy Prikl. Bot. 58: 110, 185 (1933); *Solanum macmillanii* Bukasov, Revista Argent. Agron. 6: 233 (1939); *Solanum maglia* var. *chubutense* Bitter, Repert. Spec. Nov. Regni Veg. 12: 452 (1913); *Solanum maglia* var. *guaytecarum* Bitter, Repert. Spec. Nov. Regni Veg. 12: 2 (1913); *Solanum mamilliferum* Juz. & Bukasov, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 609 (1929); *Solanum molinae* Juz., Izv. Akad. Nauk S.S.S.R., Ser. Biol. 2: 308 (1937); *Solanum oceanicum* Brücher, Feddes Repert. 70: 137 (1965); *Solanum ochoanum* Lechn., Trudy Prikl. Bot. 62(1): 48 (1978); *Solanum paramoense* Bitter ex Pittier, Man. Pl. Usual. Venez.: 329 (1926); *Solanum parmentieri* Molina ex Walp., Repert. Bot. Syst. 3: 38; *Solanum parvicorollatum* Lechn., Byull. Vsesoyuzn. Nauchno-Issl. Inst. Zashch. Rast. 105: 12 (1980); *Solanum phureja* Juz. & Bukasov, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 604 (1929); *Solanum phureja* var. *caeruleum* Ochoa, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 604 (1929); *Solanum phureja* var. *erlansonii* (Bukasov & Lechnovitch) Ochoa, 330 (1990); *Solanum phureja* subsp. *estradae* (L.E.López) Hawkes, 179 (1990); *Solanum phureja* var. *flavum* Ochoa, Phytologia 65: 103 (1988); *Solanum phureja* subsp. *hygrothermicum* (Ochoa) Hawkes, 179 (1990); *Solanum phureja* var. *janck'o-phureja* Ochoa, Phytologia 65: 104 (1988); *Solanum phureja* var. *macmillanii* (Bukasov & Lechnovitch) Ochoa, 333 (1990); *Solanum* *phureja* f. *orbiculatum* Ochoa, Phytologia 65(2): 104 (1988); *Solanum phureja* var. *pujeri* Hawkes, 2: 68, 130 (1944); *Solanum phureja* var. *rubroroseum* Ochoa, Phytologia 65(2): 104 (1988); *Solanum phureja* var. *sanguineum* Ochoa, Phytologia 65(2): 103 (1988); *Solanum phureja* f. *sayhuanimayo* Ochoa, Phytologia 65: 101 (1988); *Solanum phureja* f. *timusi* Ochoa, Phytologia 65: 104 (1988); *Solanum phureja* f. *viuda* Ochoa, Phytologia 65: 103 (1988); *Solanum riobambense* Juz. & Bukasov, 10: 52, 55, 59 (1934); *Solanum rybinii* Juz. & Bukasov, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 606 (1929); *Solanum rybinii* var. *bogotense* Hawkes, 2: 70 (1944); *Solanum rybinii* var. *boyacense* (Juz. & Bukasov) Hawkes, Potato Collect. Exped. Mexico & S. Amer. 2 Syst. Classific. Collect. 2: 70 (1944); *Solanum rybinii* var. *pastoense* Hawkes, 2: 71, 131 (1944); *Solanum rybinii* var. *popayanum* Hawkes, 2: 71, 130 (1944); *Solanum sabinei* (A.DC.) Berthault, 127, 131 (1911); *Solanum sanmartinense* Brücher, Darwiniana 13: 111 (1964); *Solanum sendigena* Juz. & Bukasov, 2: 72 (1932); *Solanum sinense* Blanco, Fl. Filip.: 137 (1837); *Solanum stenotomum* Juz. & Bukasov, Trudy Vsesoyusn. S'ezda Gen. Selekts. Semenov. Plemen. Zhivotnov. 3: 609 (1929); *Solanum stenotomum* f. alcay-imilla Hawkes, 2: 59 (1944); *Solanum stenotomum* f. *canasense* Vargas, 2: 7 (1954); *Solanum stenotomum* f. *canastilla* Hawkes, 2: 57 (1944); *Solanum stenotomum* f. *catari-papa* Hawkes, 2: 60 (1944); *Solanum stenotomum* f. *ccami* (Bukasov) Hawkes, 2: 55 (1944); *Solanum stenotomum* var. *ccami* Bukasov, 58: 33, 164 (1933); *Solanum stenotomum* var. *chapina* Hawkes, 2: 56 (1944); *Solanum stenotomum* f. *chilcas* Hawkes, 2: 58 (1944); *Solanum stenotomum* f. *chincherae* Hawkes, 2: 63 (1944); *Solanum stenotomum* f. *chojllu* Hawkes, 2: 60 (1944); *Solanum stenotomum* f. *cochicallo* Hawkes, 2: 58 (1944); *Solanum stenotomum* f. *cohuasa* Hawkes, 2: 63 (1944); *Solanum stenotomum* f. *cuchipacon* Hawkes, 2: 63 (1944); *Solanum stenotomum* var. *cyaneum* Hawkes, 2: 57 (1944); *Solanum stenotomum* f. *eucaliptae* Hawkes, 2: 55 (1944); *Solanum stenotomum* subsp. *goniocalyx* (Juz. & Bukasov) Hawkes, 2: 157 (1963); *Solanum stenotomum* f. *huallata-chinchi* Hawkes, 2: 59 (1944); *Solanum stenotomum* f. *huamanpa-uman* Hawkes, 2: 56 (1944); *Solanum stenotomum* f. *huanuchi* Hawkes, 2: 61 (1944); *Solanum stenotomum* var. *huicu* Hawkes, 2: 63 (1944); *Solanum stenotomum* f. *kamara* Hawkes, 2: 58 (1944); *Solanum stenotomum* f. *kantillero* Hawkes, 2: 56 (1944); *Solanum stenotomum* var. *keccrana* Hawkes, 2: 62 (1944); *Solanum stenotomum* f. *kehuillo* Hawkes, 2: 61 (1944); *Solanum stenotomum* f. *koso-nahui* Hawkes, 2: 60 (1944); *Solanum stenotomum* var. *megalocalyx* Hawkes, 2: 59 (1944); *Solanum stenotomum* f. *negrum* Hawkes, 2: 58 (1944); *Solanum stenotomum* f. *orcco-amajaya* Hawkes, 2: 56 (1944); *Solanum stenotomum* f. *pallidum*

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			strobilinum Alef., Landw. Fl.: 141 (1866); *Solanum tuberosum* f. *surico* Ochoa, Phytologia 65: 110 (1988); *Solanum tuberosum* var. *taraco* Ochoa, Phytologia 65: 112 (1988); *Solanum tuberosum* var. *tener* Alef., Landw. Fl.: 139 (1866); *Solanum tuberosum* f. *tenuipedicellatum* Bukasov & Lechn., 58: 84 (1933); *Solanum tuberosum* f. *thalassinum* Bukasov & Lechn., 58: 83 (1933); *Solanum tuberosum* var. *tinctorium* Alef., Landw. Fl.: 146 (1866); *Solanum tuberosum* f. *tinguipaya* Ochoa, Phytologia 65: 110 (1988); *Solanum tuberosum* var. *ulmense* Alef., Landw. Fl.: 147 (1866); *Solanum tuberosum* var. *versicolor* Alef., Landw. Fl.: 148 (1866); *Solanum tuberosum* var. *villaroella* Bukasov & Lechn., 58: 86 (1933); *Solanum tuberosum* f. *viride* Bukasov & Lechn., 58: 81 (1933); *Solanum tuberosum* var. *vuchefeldicum* Alef., Landw. Fl.: 146 (1866); *Solanum tuberosum* var. *vulgare* Macloskie, 8: 707 (1905); *Solanum tuberosum* f. *wila-huaycku* Ochoa, Phytologia 65: 110 (1988); *Solanum tuberosum* f. *wila-imilla* Ochoa, Phytologia 65: 109 (1988); *Solanum tuberosum* f. *wila-k'oyu* Ochoa, Phytologia 65: 112 (1988); *Solanum tuberosum* f. *wila-monda* Ochoa, Phytologia 65: 109 (1988); *Solanum tuberosum* f. *wila-pala* Ochoa, Phytologia 65: 109 (1988); *Solanum tuberosum* var. *xanthoceras* Alef., Landw. Fl.: 140 (1866); *Solanum tuberosum* f. *yurac-taraco* Ochoa, Phytologia 65: 113 (1988); *Solanum tuberosum* var. *yutuense* Bukasov & Lechn., 58: 79, 89, 180 (1933); *Solanum utile* Klotzsch, Allg. Gartenzeitung 17: 315 (1849); *Solanum yabari* Hawkes, Potato Collect. Exped. Mexico & S. Amer. 2 Syst. Classific. Collect. 65: 129 (1944); *Solanum yabari* var. *cuzcoense* Hawkes, Potato Collect. Exped. Mexico & S. Amer. 2 Syst. Classific. Collect. 65: 129 (1944); *Solanum yabari* var. *pepino* Hawkes, 2: 65 (1944); *Solanum zykinii* Lechn., Trudy Prikl. Bot. 62(1): 44 (1978)				
Stahlianthus involucratus (King ex Baker) Craib ex Loes.	*Curcuma involucrata* (King ex Baker) Škorničk., Taxon 64: 369 (2015)	*Zingiberaceae* Martinov	Homotypic Synonyms: *Kaempferia involucrata* King ex Baker in J.D.Hooker, Fl. Brit. India 6: 221 (1890); *Stahlianthus involucratus* (King ex Baker) Craib ex Loes. in H.G.A.Engler, Nat. Pflanzenfam., ed. 2. 15a: 564 (1930). Heterotypic Synonyms: *Kaempferia hainanensis* Hayata in Icon. Pl. Formosan. 5: 213 (1915)	Rhizomatous geophyte	Darjeeling to S. China	Subtropical biome. Deciduous dipterocarp forest. Alt. 500 m	1, 2, 59-61
Swertia bimaculata (Siebold & Zucc.) Hook.f. & Thomson ex C.B.Clarke	*Swertia bimaculata* (Siebold & Zucc.) Hook.f. & Thomson ex C.B.Clarke, Sp. Pl.: 226 (1753)	*Gentianaceae* Juss.	Homotypic Synonyms: *Frasera bimaculata* (Siebold & Zucc.) Toyok. in Symb. Asahikaw. 1: 156 (1965); *Ophelia bimaculata* Siebold & Zucc. in Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. 4(3): 159 (1846) Heterotypic Synonyms: *Silene esquirolii* H.Lév. in Fl. Kouy-Tchéou: 68 (1914); *Swertia biauriculata* H.Lév. in Cat. Pl. Yun-Nan: 116 (1916), nom. nud.; *Swertia bimaculata* var. *impunctata* Makino in Bot. Mag. (Tokyo) 24: 16 (1910); *Swertia bimaculata* var. *macrocarpa* Nakai in Bot. Mag. (Tokyo) 47: 262 (1933); *Swertia mairei* H.Lév. in Bull. Acad. Int. Géogr.	Annual or biennial	Nepal to Japan and N. Indochina	Temperate biome. On sandy loam in evergreen oak forest. Alt. 1520-3660 m	1, 2, 62

			Bot. 25: 22 (1915); *Swertia plantaginifolia* Griff. in Itin. Pl. Khasyah Mts.: 171 (1848); *Swertia platyphylla* Merr. in Lingnan Sci. J. 15: 424 (1936)				
Triticum aestivum L.	*Triticum aestivum* L., Sp. Pl.: 85 (1753)	*Poaceae* Barnhart	Homotypic Synonyms: *Frumentum triticum* E.H.L.Krause in Bot. Centralbl. 73: 339 (1898), nom. superfl.; *Triticum aestivum* proles vulgare Thell. in Naturwiss. Wochenschr., n.f., 17: 471 (1918), not validly publ.; *Triticum aestivum* subsp. *vulgare* Thell. in Fl. Adv. Montpellier: 142 (1912), not validly publ.; *Triticum aristatum* Schübl. in Diss. Char. Descr. Cereal.: 11 (1818), nom. superfl.; *Triticum aristatum aestivum* (L.) Schübl. in Diss. Char. Descr. Cereal.: 12 (1818), nom. inval.; *Triticum cereale* var. *aestivum* (L.) Klett & Richt. in Fl. Leipzig: 118 (1830); *Triticum sativum* Lam. in Fl. Franç. 3: 625 (1779), nom. superfl.; *Triticum sativum* var. *aestivum* (L.) Pers. in Syn. Pl. 1: 109 (1805), not validly publ.; *Triticum sativum* var. *vulgare* Desv. in Opusc. Sci. Phys. Nat.: 162 (1833), not validly publ.; *Triticum sativum* subsp. *vulgare* (Vill.) P.Fourn. in Quatre Fl. France: 89 (1934), not validly publ.; *Triticum vulgare* Vill. in Hist. Pl. Dauphiné 2: 153 (1787), nom. superfl.; *Triticum vulgare* var. *aestivum* (L.) Willd. in Enum. Pl. 1: 133 (1809), not validly publ.; *Triticum vulgare* subsp. *aestivum* (L.) Arcang. in Comp. Fl. Ital.: 803 (1882), nom. illeg.; *Triticum vulgare* convar. *aristatum* Alef. in Landw. Fl.: 330 (1866), not validly publ.; *Triticum vulgare* var. *aristatum* Döll in Rhein. Fl.: 70 (1843), not validly publ.	Annual or biennial	Cultigen from Transcaucasus to Israel and NW. Iran, S. Pakistan to NW. India	Temperate biome. Cultivated. Alt. 0-1500 m	[1-3]
Woodwardia virginica (L.) Sm.	*Woodwardia virginica* (L.) Sm., Mém. Acad. Roy. Sci. (Turin) 5: 412 (1793)	*Aspleniaceae* Newman	Heterotypic Synonyms: *Anchistea virginica* C.Presl in Abh. Königl. Böhm. Ges. Wiss., ser. 5, 6: 71 (1851); *Anchistea virginica* f. *fertilis* (Farw.) M.Broun in Index No. Amer. Ferns: 17 (1938); *Blechnum banisterianum* Poir. in J.B.A.M.de Lamarck, Encycl., Suppl. 1: 644 (1811); *Blechnum carolinianum* Walter in Fl. Carol.: 257 (1788); *Blechnum virginicum* L. in Mant. Pl. 2: 307 (1771); *Doodia virginica* C.Presl in Tent. Pterid.: 99 (1836); *Lorinseria thelypteroides* C.Presl in Abh. Königl. Böhm. Ges. Wiss., ser. 5, 6: 72 (1851); *Woodwardia bannisteriana* Michx. in Fl. Bor.-Amer. 2: 263 (1803); *Woodwardia thelypteroides* Pursh in Fl. Amer. Sept. 2: 670 (1814); *Woodwardia virginica* f. *fertilis* Farw. in Pap. Michigan Acad. Sci. 3: 89 (1924); *Woodwardia virginica* f. *thelypteroides* Gilbert in List N. Amer. Pterid.: 21, 40 (1901)	Perennial or helophyte	E. Canada to E. Central & E. U.S.A.	Temperate biome. Swamps, marshes, bogs, and roadside ditches over non-calcareous substrates. Alt. 0-300 m	[1, 6, 23]

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Table S8. Biological activities of sesterterpenoids

Section 1. Biological activities of linear acyclic (AI) sesterterpenoids lacking heterocyclic rings

c. n.	IUPAC name or Trivial name	Bioactivity (reference)
AI-1	geranylfarnesol	Anti-cancer [1], Anti-protozoal [2]
AI-2	ω-hydroxygeranylfarnesol	
AI-3	geranylnerolidol	
AI-4	3,7,11,15,19-pentamethyl-2-cis-6-trans-eicosadien-1-ol	
AI-5	postrediene A (2,6,11,15,19-pentamethyl-6*E*,14*E*-eicosadiene2,3,10,11,18,19-hexanol)	Anti-fungal [3]
AI-6	postrediene B (2,6,11,15,19-pentamethyl-10,11,18,19-tetrahydroxyl-2*E*,6*E*,14*E*-eicosatrienoic acid)	Anti-fungal [3]
AI-7	postrediene C (2,6,11,15,19-pentamethyl-10,11,18,19-tetrahydroxyl-6*E*,14*E*-eicosadienoic acid)	Anti-fungal [3]
AI-8	(2*Z*,6*Z*,10*E*,14*E*)-geranylfarnesol	
AI-9	(2*Z*,6*E*,10*E*,14*E*)-geranylfarnesol	
AI-10	unnamed acyclic sesterterpene (reported as compound 5)	Enzyme Inhibitor (Protein tyrosine phosphatase 1B inhibition) [4]
AI-11	2,6,10,14-tetramethyl-18-butanecarboxymethylene-henecos-12-en-17β-ol	
AI-12	unnamed acyclic sesterterpene (reported as compound 3)	
AI-13	unnamed acyclic sesterterpene (reported as compound 4)	
AI-14	hasla-6(17),23-diene	
AI-15	hasla-6(17),9,23-triene	
AI-16	hasla-6(17),9,13,23-tetraene	
AI-17	hasla-2,6(17),9,13,23-pentaene	
AI-18	hasla-5,9,13,23-tetraene	
AI-19	hasla-5,23-diene	
AI-20	hasla-5,9,23-triene	
AI-21	hasla-2,5,9,13,23-pentaene	
AI-22	2*E*-3,7,11,15,19-pentamethyleicos-2-en-1-ol (*Z* isomer reported in the structure)	
AI-23	2,6,10,14-tetramethyl-7-(3-methylenepent-4-enyl)pentadec-5,9-diene	
AI-24	2,6,14-trimethyl-10-methylene-9-(3methylenepent-4-enyl)pentadec-6-diene	
AI-25	pentaene VIII	
AI-26	postrediene D	Anti-microbial [5]

Section 2. Biological activities of linear monoheterocyclic (MH) sesterterpenoids

c. n.	IUPAC name or Trivial name	Bioactivity (reference)
MH-1	rhopaloic acid H	
MH-2	rhopaloic acid B	Anti-gastrulation [6]
MH-3	rhopaloic acid C	Anti-gastrulation [6]
MH-4	6″-*O*-acetylbalibaloside	
MH-5	6‴-*O*-acetylbalibaloside	
MH-6	6″,6‴-*O*-diacetylbalibaloside	
MH-7	rhopaloic acid A	Anti-cancer [7, 8], Anti-gastrulation [6]
MH-8	luffarin Q	Anti-inflammatory [9]
MH-9	balibaloside	
MH-10	acantholide C	
MH-11	hippolide C	
MH-12	hippolide D	
MH-13	hippolide E	Anti-inflammatory [10]
MH-14	hippolide F	
MH-15	hippolide G	
MH-16	hippolide H	
MH-17	unnamed monoheterocyclic sesterterpene (reorted as C21-furanoterpene)	
MH-18	furospinosulin-1	Anti-cancer [11-13]
MH-19	3-(4,8,12,16-tetramethylheptadeca-3,7,11,15-tetraenyl)-thiophene-1-oxide	Anti-cancer [14]
MH-20	sarcotin O	Anti-cancer [15]
MH-21	sarcotin P	
MH-22	4-acetoxy-9-deoxoidiadione	Anti-cancer [16]

MH-23	4-hydroxy-9-deoxoidiadione	Anti-cancer [16]
MH-24	5,10-dihydroxylfurospinulosine-1	
MH-25	isofurospongin-4	
MH-26	sarcotrine F	
MH-27	isosarcotrine F	
MH-28	idiadione	
MH-29	unnamed cyclic peroxide ester	
MH-30	aikupikoxide A	Anti-cancer [17]
MH-31	muqubilone B	Anti-viral [18]
MH-32	ircinialactam C	
MH-33	*ent*-ircinialactam C	
MH-34	ircinialactam D	
MH-35	unnamed monoheterocyclic sesterterpene (reported as compound 1)	
MH-36	unnamed monoheterocyclic sesterterpene (reported as compound 3)	
MH-37	barangcadoic acid	Enzyme Inhibitor (RCE-protease) [19]
MH-38	rhopaloic acid D	Enzyme Inhibitor (RCE-protease) [19]
MH-39	rhopaloic acid E	Enzyme Inhibitor (RCE-protease) [19]
MH-40	rhopaloic acid F	Enzyme Inhibitor (RCE-protease) [19]
MH-41	rhopaloic acid G	Enzyme Inhibitor (RCE-protease) [19]
MH-42	sarcotragin B	
MH-43	furospongin 3	
MH-44	furospongin 4	
MH-45	unnamed monoheterocyclic sesterterpene (reported as compound 2)	
MH-46	sarcotin I	Anti-cancer [20]
MH-47	sarcotin J	
MH-48	sigmosceptrellin D methyl ester	
MH-49	sigmosceptrellin E methyl ester	
MH-50	coleifolide A	
MH-51	coleifolide B	
MH-52	granuloside	
MH-53	cacolic acid A	
MH-54	sarcotragin C	
MH-55	ircinialactam G	
MH-56	8-hydroxy ircinialactam G	
MH-57	dactylospene A	
MH-58	furospinosulin B	Anti-cancer [21]
MH-59	fasciospongide C	
MH-60	hippotulosa A	
MH-61	hippotulosa B	
MH-62	hippotulosa C	
MH-63	hippotulosa D	
MH-64	rhopaloic acid H	

Section 3. Biological activities of linear diheterocyclic (DH) sesterterpenoids

c. n.	**IUPAC name or Trivial name**	**Bioactivity (reference)**
DH-1	furospongin 1	Anti-contraction [22], Enzyme Inhibitor (Protein tyrosine phosphatase (PTP) 1B) [23]
DH-2	anhydrofurospongin 1	
DH-3	palinurin	Enzyme Inhibitor (GSK-3β Inhibitor), Anti-cancer[24], Anti-cancer [25], Anti-microbial [26]
DH-4	isopalinurin	Anti-cancer [25]
DH-5	palinurin sulfate ester	
DH-6	okinonellin B	
DH-7	fasciculatin	Anti-cancer [27]
DH-8	fasciculatin sulfate ester	
DH-9	irciformonin A* revised as **TH-19**	
DH-10	irciformonin B	Anti-cancer [28]
DH-11	15-acetyl-irciformonin B	Anti-cancer [28]
DH-12	10-acetyl-irciformonin B	Anti-cancer [29]
DH-13	irciformonin I	

DH-14	5-(13-(3-furanyl)-2,6, 10-trimethyl-6,8-tridecadienyl)-4-hydroxy-3-methyl-2(5H)-furanone	
DH-15	5-(13-(3-furanyl)-2,6, 10-trimethyl-2,6,8-tridecatrienyl)-4-hydroxy-3-methyl-2(5H)-furanone	
DH-16	variabilin	Anti-cancer [30], Anti-inflammatory [31]
DH-17	5-oxo-7*E*,12*E*,20*Z*-variabilin	
DH-18	5-hydroxy-7*E*,12*E*,20*Z*-variabilin	
DH-19	5-oxo-8(10)*E*,12*E*,20*Z*-variabilin	
DH-20	5-oxo-8(10)*E*,13,20*Z*-variabilin	
DH-21	8-hydroxy-12*E*,20*Z*-variabilin	
DH-22	25-hydroxy-variabilin	
DH-23	(18*R*)-variabilin sulfate ester	
DH-24	(13*Z*,18*R*)-variabilin sulfate ester	
DH-25	(12*E*,18*S*,20*Z*)-8-hydroxyvariabilin	Anti-inflammatory [32]
DH-26	(7*E*,12*E*,18*S*,20*Z*)-variabilin	
DH-27	(7*E*,12*Z*,18*S*,20*Z*)-variabilin	
DH-28	(7*E*,12*E*,18*R*,20*Z*)-variabilin	Anti-cancer [25]
DH-29	variabilin fatty acid esters	
DH-30	psammocinin A_1	Anti-cancer [25]
DH-31	psammocinin A_2	Anti-cancer [25]
DH-32	strobilinin	
DH-33	(8*Z*,13*Z*,20*Z*)-strobilinin	
DH-34	(8Z,13*Z*,18*S*,20*Z*)-strobilinin	
DH-35	(7*Z*,13*Z*,20*Z*)-felixinin	
DH-36	sarcotin A	Anti-cancer [20]
DH-37	sarcotin B	Anti-cancer [20]
DH-38	sarcotin C	Anti-cancer [20]
DH-39	*epi*-sarcotin A	Anti-cancer [20]
DH-40	sarcotin M	Anti-cancer [20]
DH-41	(8*E*,13*Z*,18*R*,20*Z*)-strobilin	
DH-42	(8*Z*,13*E*,18*R*,20*Z*)-strobilin	
DH-43	cacolide A	
DH-44	ircinin-3	
DH-45	ircinin-4	
DH-46	furodendin	
DH-47	unnamed diheterocyclic sesterterpene (reported as compound 6a)	
DH-48	unnamed diheterocyclic sesterterpene (reported as compound 8a)	
DH-49	22-deoxyvariabilin	
DH-50	ircinic acid	
DH-51	palomin	
DH-52	unnamed diheterocyclic sesterterpene (reported as compound 5)	
DH-53	unnamed diheterocyclic sesterterpene (reported as epoxide 12)	
DH-54	unnamed diheterocyclic sesterterpene (reported as compound 1)	
DH-55	unnamed diheterocyclic sesterterpene (reported as compound 3)	
DH-56	dehydrofurodendin	Anti-viral (HIV-1 inhibitor) [33]
DH-57	astakolactin	
DH-58	luffarin R	
DH-59	luffarin T	
DH-60	luffarin U	
DH-61	unnamed diheterocyclic sesterterpene (reported as compound 1a)	
DH-62	ircinialactone A	
DH-63	cacolide B	
DH-64	cacolide C	
DH-65	cacolide D	
DH-66	cacolide E	
DH-67	cacolide F	
DH-68	cacolide G	
DH-69	psammocinin B	Anti-cancer [25]
DH-70	irciformonin C	Anti-cancer [34]
DH-71	irciformonin D	Anti-cancer [34]
DH-72	(6*Z*)-luffarin-V	
DH-73	luffarin V	
DH-74	sarcotin F	Anti-cancer [20]
DH-75	*epi*-sarcotin F	

DH-76	thorectolide	Anti-viral (HIV-1 inhibitor) [35]
DH-77	thorectolide monoacetate	Anti-cancer [35]
DH-78	cacospongionolide D	
DH-79	erectusolide	
DH-80	hippolide A	Anti-cancer [10]
DH-81	hippolide B	Anti-cancer [10]
DH-82	cacolide H	
DH-83	cacolide I	
DH-84	cacolide J	
DH-85	cacolide K	
DH-86	cacolide L	
DH-87	sarcotrine A	Anti-cancer [20]
DH-88	*epi*-sarcotrine A	Anti-cancer [20]
DH-89	sarcotrine C	Anti-cancer [20]
DH-90	*epi*-sarcotrine C	
DH-91	sarcotrine D	
DH-92	palinurine A	
DH-93	palinurine B	
DH-94	sarcotrine E	
DH-95	isosarcotrine E	
DH-96	ircinialactam A	
DH-97	8-hydroxyircinialactam A	
DH-98	8-hydroxyircinialactam B	
DH-99	unnamed diheterocyclic sesterterpene (reported as compound 1)	
DH-100	dihydrofurospongin 2	
DH-101	fasciospongide B	
DH-102	irciformonin F	Anti-cancer [28]
DH-103	irciformonin G	
DH-104	irciformonin H	
DH-105	irciformonin J	
DH-106	luffarin S	
DH-107	(18*R*)-variabilin	
DH-108	(7*E*,13*Z*,18*S*,20*Z*)-variabilin	
DH-109	22-deoxy-23-hydroxymethylvariabilin	

Section 4. Biological activities of linear triheterocyclic (TH) sesterterpenoids and related dimers

c. n.	**IUPAC name or Trivial name**	**Bioactivity (reference)**
TH-1	nitenin	Anti-plasmodial [36]
TH-2	dihydronitenin	
TH-3	isonitenin	
TH-4	unnamed triheterocyclic sesterterpene (reported as compound 1)	
TH-5	unnamed triheterocyclic sesterterpene (reported as compound 3)	
TH-6	sarcotin D	Anti-cancer [20]
TH-7	sarcotin E	Anti-cancer [20]
TH-8	ircinin-1	Anti-cancer [37, 38]
TH-9	ircinin-2	Anti-cancer [38]
TH-10	ircinin-1 sulfate ester	
TH-11	ircinin-2 sulfate ester	
TH-12	24-hydroxyircinolide	
TH-13	spongionellin	
TH-14	dehydro-spongionellin	
TH-15	cometin A	
TH-16	cometin B	
TH-17	cometin C	
TH-18	ircinolide	
TH-19	irciformonin A (revised structure of **DH-19**)	
TH-20	irciformonin E	
TH-21	irciformonin K	
TH-22	sarcotin G	
TH-23	sarcotin H	
TH-24	ircinialactam F	

TH-25	sulawesin C
TH-26	hippospongin A
TH-27	hippospongin B
TH-28	hippospongin C
TH-29	hippospongin D
TH-30	hippospongin E
TH-31	hippospongin F
TH-32	(12*E*,18*R*,20*Z*)-ircinialactam E

Section 5. Biological activities of monocarbocyclic (MC) sesterterpenoids (with or without hetherocycles)

c. n.	**IUPAC name or Trivial name**	**Bioactivity (reference)**
MC-1	acantholide E	Anti-cancer [39]
MC-2	acantholide D	
MC-3	diacardiol A	Anti-cancer [40]
MC-4	phorbin A	Anti-cancer [41]
MC-5	thorectidaeolide A	Anti-cancer [42]
MC-6	thorectidaeolide B	
MC-7	thorectidaeolide D	
MC-8	thorectidaeolide E	
MC-9	sulawesin A	Anti-cancer [38]
MC-10	sulawesin B	Anti-cancer [38]
MC-11	thorectidaeolide C	
MC-12	acantholide A	
MC-13	manoalide	Quorum Sensing inhibitors [43], Anti-microbial [44], Anti-inflammatory [45], Anti-cancer [46, 47]
MC-14	manoalide 25-monoacetate	Quorum Sensing inhibitors [43]
MC-15	25-acetoxyseco-manoalide	
MC-16	(6*E*)-neomanoalide	Anti-microbial [48]
MC-17	(6*Z*)-neomanoalide	Anti-microbial [48]
MC-18	*E*-neomanoalide-24-al	Anti-microbial [49]
MC-19	24-*O*-ethylmanoalide	
MC-20	24-*O*-propylmanoalide	
MC-21	24-*O*-methylmanoalide	
MC-22	deoxymanoalide	Anti-microbial [50], Anti-inflammatory [51]
MC-23	*Z*-2,3-dihydroneomanoalide	Anti-microbial [49]
MC-24	Z-24-acetoxy-2,3-dihydroneomanoalide	Anti-microbial [49]
MC-25	*Z*-24-acetoxyneomanoalide	Anti-microbial [49]
MC-26	6*E*-neomanoalide-24,25-diacetate	
MC-27	6*Z*-neomanoalide-24,25-diacetate	
MC-28	secomanoalide	Anti-microbial [52]
MC-29	deoxysecomanoalide	Anti-microbial [50] Anti-inflammatory [51]
MC-30	aplysinoplide A	Anti-cancer[53]
MC-31	luffariolide H	Anti-cancer [54]
MC-32	luffariolide J	Anti-cancer [54]
MC-33	aplysinoplide B	Anti-cancer [53]
MC-34	aplysinoplide C	Anti-cancer [53]
MC-35	acantholide B	Anti-microbial, Anti-fungal [39]
MC-36	(+)-muqubilin (= prianicin A)	
MC-37	(−)-muqubilin ((−)-muqubilin A)	Anti-cancer [55]
MC-38	muqubilin ester	
MC-39	hurghaperoxide	
MC-40	tasnemoxide A	Anti-cancer [56]
MC-41	tasnemoxide B	Anti-cancer [56]
MC-42	tasnemoxide C	Anti-cancer [56]
MC-43	4-acetoxythorectidaeolide A	
MC-44	cyclolinteinol	Anti-inflammatory [57]
MC-45	cyclolinteinol acetate	Anti-inflammatory [57]
MC-46	*epi*-muqubilin A (dubious configurational assignment)	Anti-inflammatory [58, 59]
MC-47	muqubilin B (dubious configurational assignment)	

MC-48	*epi*-muqubilin B (dubious configurational assignment)	Anti-cancer [40]
MC-49	diacarnoxide A	Anti-cancer [60]
MC-50	diacarnoxide B	Anti-cancer [60]
MC-51	diacarnoxide C	Anti-cancer [60]
MC-52	diacarnoxide D	Anti-cancer [60]
MC-53	luffariellin A	
MC-54	fasciospongide A	
MC-55	25-acetoxyluffariellin A	
MC-56	luffariellin B	
MC-57	luffalide A	
MC-58	luffalide B	
MC-59	luffalide C	
MC-60	luffalide D	
MC-61	luffalide E	
MC-62	luffalide F	
MC-63	luffariellin C	
MC-64	luffariellin D	
MC-65	luffarin P	
MC-66	(4*E*,6*E*)-dehydro-25-*O*-methylmanoalide	Anti-cancer [61]
MC-67	untenic acid	
MC-68	(4*E*,6*E*)-dehydromanoalide	
MC-69	25-acetoxyluffariellin B	
MC-70	luffariellolide	Anti-inflammatory [62]
MC-71	igernellin	
MC-72	16-hydroxyluffariellolide	
MC-73	dehydroluffariellolide diacid	
MC-74	isodehydrouffariellolide	
MC-75	unnamed monocarbocyclic sesterterpene (reported as compound 1)	
MC-76	unnamed monocarbocyclic sesterterpene (reported as compound 2)	
MC-77	luffariolide A	Anti-cancer [63]
MC-78	luffariolide B	Anti-cancer [63]
MC-79	luffariolide C	Anti-cancer [63]
MC-80	luffariolide D	Anti-cancer [63]
MC-81	luffariolide E	Anti-cancer [63]
MC-82	luffariolide F	
MC-83	luffariolide G	
MC-84	(2*E*,6*E*,10*E*)-3-formyl-7,11-dimethyl-13-(2,6,6-trimethylcyclohex-1-enyl)trideca-2,6,10-trienoic acid	
MC-85	sarcotragin A	
MC-86	hipposulfate C	Enzyme Inhibitor (Calcineurin Inhibitor) [64]
MC-87	unnamed monocarbocyclic sesterterpene (reported as compound 1)	
MC-88	unnamed monocarbocyclic sesterterpene (reported as compound 2)	
MC-89	unnamed monocarbocyclic sesterterpene (reported as compound 3)	
MC-90	unnamed monocarbocyclic sesterterpene (reported as compound 4)	
MC-91	unnamed monocarbocyclic sesterterpene (reported as compound 5)	Anti-cancer [65]
MC-92	unnamed monocarbocyclic sesterterpene (reported as compound 6)	Anti-cancer [65]
MC-93	unnamed monocarbocyclic sesterterpene (reported as compound 7)	Anti-cancer [65]
MC-94	unnamed monocarbocyclic sesterterpene (reported as compound 8)	
MC-95	unnamed monocarbocyclic sesterterpene (reported as compound 9)	
MC-96	halisulfate 2	
MC-97	polyunsaturated sesterterpene I	
MC-98	*n*-non-2'-en-1'-yl-13(15,19,19-trimethyl-cyclohex-14, 16-dienyl)- 2,6,10-trimethyl-tetradec-6-ol-13-on-1-oate	
MC-99	3-[6-(4,8-dimethyl-nona-1,3,7-trienyl)-4-hydroxy2,6-dimethyl-cyclohex-1-enyl]-3-hydroxypropionic acid 1 glucoside	
MC-100	cericerol-I	
MC-101	α-cericerol-I	
MC-102	cericerol-II	
MC-103	albocerol	
MC-104	cericeroic acid	
MC-105	18-dihydro-19-hydroxycericeroic acid	
MC-106	ceriferic acid	
MC-107	ceriferic acid-I	

MC-108	ceriferol	
MC-109	ceriferol-I	
MC-110	13-ethoxycericerene	
MC-111	13-methoxycericerene	
MC-112	(2*Z*,6*Z*,10*E*)-cericerene-15,24-diol	
MC-113	24-(ω-hydroxy fatty acid) ester of (2*Z*,6*Z*,10*E*)-cericerene-15,24-diol	
MC-114	(2*E*)-α-cericerene	
MC-115	(-)-alotaketal A	Anti-cancer [66]
MC-116	alotaketal B	Anti-cancer [66]
MC-117	alotaketal C	Pro-viral [67]
MC-118	alotaketal D	Pro-viral [67]
MC-119	phorbaketal A	Anti-osteoporosis [68], Anti-inflammatory [69], Anti-cancer [70]
MC-120	phorbaketal B	Anti-cancer [70]
MC-121	phorbaketal C	Anti-cancer [70]
MC-122	phorbaketal D	
MC-123	phorbaketal E	Anti-cancer [71]
MC-124	phorbaketal F	
MC-125	phorbaketal G	
MC-126	phorbaketal H	Anti-cancer [71]
MC-127	phorbaketal I	Anti-cancer [71]
MC-128	phorbaketal J	
MC-129	phorbaketal K	
MC-130	phorbaketal L	
MC-131	phorbaketal M	
MC-132	phorbaketal N	Anti-cancer [72]
MC-133	unnamed spiroketal sesterterpene (reported as spiroketal)	
MC-134	alotaketal E	
MC-135	unnamed monocarbocyclic sesterterpene (reported as compound 2)	
MC-136	unnamed monocarbocyclic sesterterpene (reported as compound 3)	
MC-137	unnamed monocarbocyclic sesterterpene (reported as compound 4)	
MC-138	2*Z*,6*Z*,10*E*-cericerene-15,24-diol	
MC-139	2*Z*,6*Z*,10*E*-cericerene-15,24-diol-30-triacontanoate	
MC-140	cyclolinteinon	Anti-inflammatory [73]
MC-141	(*S*,2*E*,6*E*,10*E*,14*E*)-3,7,11,15-tetramethyl-18-(1-hydroxyisopropyl)cyclooctadecatetraene	
MC-142	(S,2*E*,6*E*,10*E*,14*E*)-3,7,11,15-tetramethyl-18-(1-methylethenyl)cyclooctadecatetraene	
MC-143	(*S*,2*E*,15*Z*)-α-cericerene	
MC-144	(*S*,2*E*)-cericerene	
MC-145	(14*S*,15*R*,2*E*)-15-hydroxy-α-cericerene	
MC-146	oshimalide A	Anti-microbial [74]
MC-147	oshimalide B	
MC-148	16-oxoluffariellolide	
MC-149	(-)-somaliensene B	
MC-150	(+)-a-geranylbisabolene	
MC-151	(+)-somaliensene B	
MC-152	postrediene F	
MC-153	leucosceptrodine	Immuno-suppressive [5]

Section 6. Biological activities of dicarbocyclic (DC) sesterterpenoids (with and without hetherocycles)

c. n.	**IUPAC name or Trivial name**	**Bioactivity (reference)**
DC-1	bipolarolide E	
DC-2	palauolol	Anti-cancer [75]
DC-3	unnamed dicarbocyclic sesterterpene (reported as compound 5)	
DC-4	kohamaic acid A	Anti-cancer [76, 77]
DC-5	kohamaic acid B	
DC-6	cladocoran A	Anti-inflammatory [78, 79]
DC-7	cladocoran B	Anti-inflammatory [78]
DC-8	thorectandrol A	Anti-cancer [75]
DC-9	thorectandrol B	Anti-cancer [75]
DC-10	palauolide	Anti-cancer [80]

DC-11	thorectandrol C	Anti-cancer [80]
DC-12	thorectandrol D	Anti-cancer [80]
DC-13	thorectandrol E	Anti-cancer [80]
DC-14	unnamed dicarbocyclic sesterterpene (reported as compound 1)	
DC-15	mycaperoxide A	Anti-cancer, Anti-microbial, Anti-viral [81]
DC-16	mycaperoxide B	Anti-cancer, Anti-microbial, Anti-viral [81]
DC-17	sigmosceptrellin B (= prianicin B) (dubious configurational assignment) (reported as compound 2)	
DC-18	25-deoxycacospongionolide B	
DC-19	cacospongionolide B	Anti-inflammatory [82-84]
DC-20	cacospongionolide E	Anti-inflammatory [85]
DC-21	cacospongionolide F	Anti-microbial [86]
DC-22	dysidiolide	Anti-cancer [87]
DC-23	dysideapalaunic acid	
DC-24	bilosespene A	
DC-25	bilosespene B	
DC-26	irregularasulfate	Immunosuppressive [64]
DC-27	fasciospongine A	Anti-fungal [88]
DC-28	fasciospongine B	Anti-fungal [88]
DC-29	(+)-agelisamine-A	
DC-30	(+)-agelisamine-B	
DC-31	halisulfate 7	Enzyme Inhibitor (Calcineurin Inhibitor) [64]
DC-32	halisulfate 8	
DC-33	25-hydroxyhalisulfate 9	Anti-fungal [89]
DC-34	halisulfate 10	
DC-35	halisulfate 9	
DC-36	sch 599473	
DC-37	fasciospongine C	Anti-fungal [89]
DC-38	halisulfate 3	Anti-viral [90]
DC-39	halisulfate 4	
DC-40	halisulfate 5	Enzyme Inhibitor (β-lactamase)[91]
DC-41	halisulfate 6	
DC-42	13-*epi*-yosgadensenol	
DC-43	luffarin A	
DC-44	luffarin B	
DC-45	luffarin C	
DC-46	luffarin D	
DC-47	luffarin E	
DC-48	luffarin F	
DC-49	luffarin G	
DC-50	luffarin H	
DC-51	luffarin I	Anti-cancer [92]
DC-52	luffarin J	
DC-53	luffarin K	
DC-54	luffarin M	
DC-55	luffarin L	
DC-56	luffarin N	
DC-57	luffarin O	
DC-58	unnamed dicarbocyclic sesterterpene (reported as compound 1)	
DC-59	salvisyriacolide	
DC-60	sigmosceptrellin A	Anti-microbial [93]
DC-61	sigmosceptrellin A methyl ester	Anti-microbial [93], Anti-cancer [94]
DC-62	sigmosceptrellin-B methyl ester	
DC-63	sigmosceptrellin-C	
DC-64	salvileucolide methyl ester	Anti-microbial [95]
DC-65	salvileucolide-6,23-lactone	Anti-microbial [95]
DC-66	14-hydroperoxy-13(21)-dehydro-13,14-dihydrosaluileucolide-6,23-lactone	
DC-67	salvileucolide-hydroperoxide 2	
DC-68	salvileucolide-cyclic peroxide	
DC-69	salvileucolide-lactone (15,16-deidrosalvileucolide-6,23-lactone-trans-epoxide)	
DC-70	unnamed dicarbocyclic sesterterpene (reported as hydroperoxide 4)	
DC-71	8*R*-hydroxy-13-hydroperoxylabd-14,17-dien-19,16,23,6α-di-olide	

DC-72	17,18,19,20-tetranor-13-*epi*-manoyloxide-14-en-16-oic acid-23,6α-olide	
DC-73	8α,13,14-threo-trihydroxy-labd-15,17-dien-16,19-olide-23 oic acid	
DC-74	8α,13,14-erythro-trihydroxy-labd-15,17-dien-16,19-olide-28-oic acid	
DC-75	3α,8α,13,14-erythro-tetrahydroxy-labd-15,17-dien-16,19-olide	
DC-76	23,6α-epoxy-labd-8,13(14),17-trien-16(*R*),19-olide	
DC-77	8α,15(*S*)-dihydroxy-23,6α-epoxy-labd-13(14),17-dien-16(*S*),19-olide	
DC-78	8α,15(*S*),23α -trihydroxy-23,6α -epoxy-labd-13(14),17-dien-16(*S*),19-olide	Anti-cancer [96]
DC-79	8α,15(*S*)-dihydroxy-23α -*O*-ethyl-23,6α -epoxy-labd-13(14),17-dien-16(*S*),19-olide	Anti-cancer [96]
DC-80	8α-hydroxy-23α -*O*-ethyl-23,6α -epoxy-labd-13(14),17-dien-16(*R*),19-olide	Anti-cancer [96]
DC-81	6α,8α,15(*S*),23-tetrahydroxy-labd-13(14),17-dien-16(*S*),19-olide	Anti-cancer [96]
DC-82	6α,8α,15(*S*)-trihydroxy-labd-13(14),17-dien-16(*S*),19-olide	
DC-83	6α,8α,15(*S*)-trihydroxy-23-carbossi-labd-13(14),17-dien-16(*S*),19-olide	Anti-cancer [96]
DC-84	6α,8α -dihydroxy-23-carbossi-labd-13(14),17-dien-16,19-olide	Anti-cancer [96]
DC-85	6α,8α,15(*S*)-trihydroxy-23-oxo-labd-13(14),17-dien-16(*S*),19-olide	Anti-cancer [96]
DC-86	6α,8α-dihydroxy-23-oxo-labd-13(14),17-dien-16(*R*),19-olide	Anti-cancer [96]
DC-87	6α,15(*S*),23-trihydroxy-labd-8(22),13(14),17-trien-16(*S*),19-olide	Anti-cancer [96]
DC-88	6α,15(*S*)-dihydroxy-23-oxo-labd-8(22),13(14),17-trien-16(*S*),19-olide	Anti-cancer [96]
DC-89	6α,8α,23-trihydroxy-labd-13(14),15,17-trien-16,19-olide	Anti-cancer [96]
DC-90	6α,8α-dihydroxy-23-carbossi-labd-13(14),15,17-trien-16,19-olide	Anti-cancer [96]
DC-91	6α,8α-dihydroxy-23-oxo-13(14),15,17-trien-16,19-olide	Anti-cancer [96]
DC-92	8α-hydroxylabd-13(14),15,17-trien-6*R*,23-16,19-diolide	Anti-cancer [96]
DC-93	8α-23-dihydroxy-23,6*R*-epoxy-labd-13(14),15,17-trien-16,19-olide	Anti-cancer [96]
DC-94	6α,8α,23,14,15-threo-pentahydroxy-labd-13(21),17-dien-16,19-olide	
DC-95	6α,8α,23,14,15-erythro-pentahydroxylabd-13(21),17-dien-16,19-olide	
DC-96	6α,8α,14,15-threotetrahydroxy-23-oxo-labd-13(21),17-dien-16,19-olide	
DC-97	lachnocalyxolide A	Anti-cancer [97]
DC-98	lachnocalyxolide B	
DC-99	lachnocalyxolide C	
DC-100	lachnocalyxolide C’	
DC-101	salvidominicolide A	
DC-102	salvidominicolide B	
DC-103	albolineol	
DC-104	terpestacin	Anti-cancer [98, 99]
DC-105	11-*epi*-terpestacin (siccanol)	
DC-106	11-*epi*-terpestacin glycoside	
DC-107	21-hydroxyterpestacin	
DC-108	24-α-D-glucosyl-(−)-terpestacin	
DC-109	terpestacin B	
DC-110	16,17-dihydro-(−)-terpestacin	
DC-111	terpestacin C	
DC-112	fusaproliferin (proliferin)	Anti-cancer [100]
DC-113	fusaprolifin A	Anti-microbial [101]
DC-114	fusaprolifin B	
DC-115	mycaleperoxide	
DC-116	diacarperoxide D	Anti-cancer [40]
DC-117	diacarperoxide E	
DC-118	diacarperoxide F	Anti-cancer [40]
DC-119	diacarperoxide G	
DC-120	(13*E*)-8α-hydroxy-23-carboxymethyllabd-13(14),17(18)-dien-16,19-olide	
DC-121	salvimirzacolide	
DC-122	4*R*,5*R*,8*R*,9*R*,10*S*,13*S*,14*S*)-14-hydroxymanoyloxide-15,17-dien-15(*Z*)-16,19-olide	
DC-123	(4*R*,5*R*,8*R*,9*R*,10*S*,13*R*,14*S*)-14-hydroxymanoyloxide-15,17-dien-15(*Z*)-16,19-olide	
DC-124	(4*R*,5*R*,8*R*,9*R*,10*S*,13*S*,14*R*)-14-hydroxymanoyloxide-15,17-dien-15(*Z*)-16,19-olide	
DC-125	(4*R*,5*R*,8*R*,9*R*,10*S*,13*S*,16*R*)-14-hydroxymanoyloxide-17-en-16,19-olide	
DC-126	(4*R*,5*R*,8*R*,9*R*,10*S*,13*R*)-manoyloxide-15,17-dien-15(*Z*)-16,19-olide	
DC-127	(13*E*)-8α,15-dihydroxy-23-carboxymethyllabd-13(14),17(18)-dien-16,19-olide	
DC-128	19-oxofasciospongine A	Anti-fungal [89], Anti-cancer [89]
DC-129	(15*S*,16*S*,13*E*)-8α,15-dihydroxylabd-13(14),17(18)-dien-23,6α-16,19-diolide	
DC-130	(16*R*,13*E*)-6α,8α,23-trihydroxylabd-13(14),17(18)-dien-16,19-olide	

DC-131	(15*S*,16*S*,13*E*)-6α,8α,15-trihydroxy-23-carboxymethyllabd-13(14),17(18)-dien-16,19-olide	
DC-132	(13*E*)-4α,6α,8α-trihydroxylabd-13(14),17(18)-dien-16,19-olide	
DC-133	yosgadensenol	
DC-134	yosgadensolide A	
DC-135	yosgadensolide B	
DC-136	6-dehydroxy-13-*epi*-yosgadensenol	
DC-137	6-dehydroxyyosgadensenol	
DC-138	leucosceptroid J	
DC-139	(14*E*)-methylmanoyloxide-14,16,18-trien-19,16-oxide-23-carboxylate	
DC-140	6α-hydroxymanoyloxide-14,17-dien-16,19-olide	
DC-141	3β-hydroxymanoyloxide-14,17-dien-16,19-olide	
DC-142	(13α),6α-hydroxymanoyloxide-14,17-dien-16,19-olide	
DC-143	(13*E*)-8α-hydroxy-23α-*O*-methyl-23,6α-epoxylabd-13(14),17-(18)-dien-16,19-olide	
DC-144	(13*E*)-8α,15-dihydroxy-23α-*O*-methyl-23,6α-epoxylabd-13(14),17(18)-dien-16,19-olide	
DC-145	(13*E*)-8α,23α-dihydroxy-23,6α-epoxylabd-13(14),17(18)-dien-16,19-olide	
DC-146	(13*E*)-8α,23-dihydroxylabd-13(14),17(18)-dien-16,19-olide	
DC-147	(13*E*)-labd-13(14),17(18)-dien-8α,16,19-triol	
DC-148	trunculin A	
DC-149	trunculin B	
DC-150	trunculin C methyl ester	
DC-151	trunculin D methyl ester	
DC-152	trunculin E	
DC-153	trunculin F	
DC-154	trunculin H	
DC-155	trunculin G	
DC-156	trunculin I	
DC-157	trunculin X	Anti-cancer [102]
DC-158	trunculin Y	Anti-cancer [102]
DC-159	ircinianin	Anti-microbial [103]
DC-160	(+)-wistarin	
DC-161	(-)-wistarin	
DC-162	luffalactone	Anti-inflammatory [45]
DC-163	sulfircin	Anti-cancer [104]
DC-164	leucosesterlactone	
DC-165	shinsonefuran	Anti-cancer [105]
DC-166	17α-hydroxyleucosceptrine	
DC-167	genepolide	
DC-168	leucosceptroid A	Anti-feedant [106]
DC-169	leucosceptroid B	Anti-fungal [106], Anti-microbial [107], Anti-feedant [106], Immuno-suppressive[108]
DC-170	biyoulactone D	
DC-171	biyoulactone E	
DC-172	norleucosceptroid A	Anti-feedant [109, 110]
DC-173	norleucosceptroid B	Anti-feedant [109, 110]
DC-174	norleucosceptroid C	Anti-feedant [109, 110]
DC-175	(−)-ircinianin	
DC-176	(−)-ircinianin lactam A	Enzyme Positive Modulator (glycine-gated chloride channel receptors (GlyRs) [111]
DC-177	(−)-ircinianin lactam A sulfate	
DC-178	(−)-ircinianin lactone A	
DC-179	(−)-ircinianin sulfate	
DC-180	(−)-oxoircinianin	
DC-181	(−)-oxoircinianin lactam A	Enzyme Positive Modulator (glycine-gated chloride channel receptors (GlyRs) [111]
DC-182	colquhounoid A	Anti-insect [42]
DC-183	colquhounoid B	Anti-insect [42]
DC-184	colquhounoid C	Anti-insect [42]
DC-185	leucosceptroid E	

DC-186	leucosceptroid F	
DC-187	leucosceptroid G	
DC-188	leucosceptroid H	
DC-189	leucosceptroid I	
DC-190	leucosceptroid L	
DC-191	leucosceptroid M	
DC-192	leucosceptroid N	Immuno-suppressive [108]
DC-193	leucosceptroid O	
DC-194	secoepoxyansellone A	
DC-195	gombaspiroketal A	Anti-cancer [112]
DC-196	gombaspiroketal B	Anti-cancer [112]
DC-197	gombaspiroketal C	Anti-cancer [112]
DC-198	leucosceptroid P	
DC-199	leucosceptroid Q	
DC-200	norleucosceptroid D	Anti-feedant [110]
DC-201	norleucosceptroid E	Anti-feedant [110]
DC-202	norleucosceptroid F	Anti-feedant [110]
DC-203	norleucosceptroid G	Immuno-suppressive [108]
DC-204	norleucosceptroid H	
DC-205	emericellene A	
DC-206	emericellene B	
DC-207	emericellene C	
DC-208	emericellene D	
DC-209	emericellene E	
DC-210	bipolarenic acid	
DC-211	leucosceptrine	
DC-212	1α-hydroxyleucosceptrine	Enzyme Inhibitor (prolylendopeptidase) [113]
DC-213	8α-hydroxyleucosceptrine	
DC-214	goniocarpic acid	
DC-215	unnamed dicarbocyclic sesterterpene (reported as compound 2a)	Anti-cancer [114]
DC-216	(-)-hippolide J	Anti-cancer [115]
DC-217	(+)-hippolide J	
DC-218	raoulic acid	
DC-219	3-*epi*-salviaethiopisolide and C-16 epimer	Anti-viral [116]
DC-220	salviaethiopisolide and C-16 epimer	
DC-221	3α-hydroxymanoyloxide-14(*E*),17-dien-16-oxo-19-oic acid	
DC-222	hydroxymanoyloxide-14,17-dien-16-oxo-19-oic acid	
DC-223	hydroxymanoyloxide-14,17-dien-16-oxo-19,23-dioic acid	
DC-224	dactylospene B	Anti-inflammatory [21]
DC-225	dactylospene C	Anti-cancer [21]
DC-226	dactylospene D	
DC-227	dactylospene E	
DC-228	enantio sigmosceptrellin-A methyl ester	
DC-229	leucosceptroid K	
DC-230	clavaphyllene	
DC-231	(+)-brassitetraene A	
DC-232	(+)-brassitetraene B	
DC-233	fusaproliferene	
DC-234	unnamed dicarbocyclic sesterterpene (reported as compound 2)	
DC-235	Bm3	
DC-236	fusaproliferin	Anti-inflammatory [117]
DC-237	sestersorokinicin A	
DC-238	sestersorokiniside A	
DC-239	somaliensene A	
DC-240	ircinianin lactone B	
DC-241	ircinianin lactone C	
DC-242	bipolariterpene A	
DC-243	bipolariterpene B	
DC-244	bipolariterpene C	
DC-245	preterpestacin I	
DC-246	colquhounoid D	
DC-247	14-*epi*-colquhounoid D	

DC-248	unnamed tetracarbocyclic sesterterpene	
DC-249	sesterorbiculene	
DC-250	sesterviolene E	
DC-251	sesterviolene F	
DC-252	patriniaterpene C	
DC-253	patriniaterpene D	
DC-254	arthproliferin A	
DC-255	arthproliferin B	
DC-256	arthproliferin C	
DC-257	arthproliferin D	
DC-258	dactylospene F	
DC-259	colquhounoid E	Immuno-suppressive [118]
DC-260	norcolquhounoid F	
DC-261	colquhounoids F	Immuno-suppressive [118]
DC-262	bipolariterpene D	Anti-fungal [119]
DC-263	bipolariterpene E	
DC-264	*nor*-leucosceptroid L	Immuno-suppressive [120]
DC-265	*nor*-leucosceptroid M	
DC-266	*epi*-*nor*-leucosceptroid J	
DC-267	*nor*-leucosceptroid N	
DC-268	16-*epi*-*nor*-leucosceptroid N	
DC-269	3-H-2-hydroxy-leucosceptroid N	
DC-270	3-H-2,17α-dihydroxy-leucosceptroid N	Immuno-suppressive [108, 120, 121]
DC-271	3-H-2-hydroxy-leucosceptroid R	
DC-272	17-*epi*-leucosceptroid N	
DC-273	5α,16α-epoxy-leucosceptroid R	
DC-274	13β,16α-epoxy-3-H-2-hydroxy-leucosceptroid R	
DC-275	13β,16α-epoxy-17α-hydroxy-leucosceptroid N	
DC-276	maydistacin A	Anti-inflammatory [122]
DC-277	maydistacin B	
DC-278	maydistacin C	
DC-279	maydistacin D	
DC-280	maydistacin E	
DC-281	maydistacin F	
DC-282	maydistacin G	
DC-283	norleucosceptroid I	
DC-284	14-*epi*-leucosceptroid N	
DC-285	17α-hydroxy-leucosceptroid N	
DC-286	17α-hydroxy-14-*epi*-leucosceptroid N	
DC-287	leucosceptroid R	Immuno-suppressive [108]
DC-288	14-*epi*-leucosceptroid R	
DC-289	5α,17β-epoxy-14-*epi*-leucosceptroid N	
DC-290	5α,16α-epoxy-17α-hydroxy-14-*epi*-leucosceptroid N	
DC-291	5α,16α-epoxy-leucosceptroid R	Immuno-suppressive [108]
DC-292	leucosceptroid S	
DC-293	11β-hydroxy-leucosceptroid S	
DC-294	leucosceptroid T	
DC-295	leucosceplactam A	
DC-296	5α,17β-epoxy-leucosceptroid J	Immuno-suppressive [108]
DC-297	13β,16α-epoxy-leucosceptroid R	Immuno-suppressive [108]
DC-298	13β,16α-epoxy-14-*epi*-leucosceptroid R	
DC-299	11β-hydroperoxide-leucosceptroid I	
DC-300	11-*epi*-leucosceptroid Q	
DC-301	13-dehydro-leucosceptroid I	
DC-302	5,13-dehydro-leucosceptroid P	
DC-303	5,13-dehydro-11-*epi*-leucosceptroid P	
DC-304	11-*epi*-leucosceptroid M	
DC-305	11-*epi*-leucosceptroid A	Immuno-suppressive [108]
DC-306	5,13-dehydro-leucosceptroid A	Immuno-suppressive [108]
DC-307	leucosceplactam B	
DC-308	leucosceplactam C	Immuno-suppressive [108]
DC-309	leucosceplactam D	
DC-310	leucosceplactam E	
DC-311	11-*epi*-leucosceptroid B	Immuno-suppressive [108]

DC-312	leucosceptrine A
DC-313	leucosceptrine B
DC-314	leucosceptrine C
DC-315	leucosceptrine D
DC-316	leucosceptrine E

Section 7. Biological activities of tricarbocyclic (TrC) sesterterpenoids (with and without heterocycles)

c. n.	**IUPAC name or Trivial name**	**Bioactivity (reference)**
TrC-1	gascardic acid	
TrC-2	ophiobolin A (ophiobolin, ophiobalin, cochliobolin, cochliobolin A, zizanin) (ophiobola-7,18-dien-21-al-3α-ol-5-one-14α,17-oxide)	Anti-cancer [123], Phytotoxic [124]
TrC-3	6-*epi*-ophiobolin A	Phytotoxic [125]
TrC-4	3-anhydroophiobolin A	
TrC-5	3-anhydro-6-*epi*-ophiobolin A	Anti-inflammatory [126]
TrC-6	3-anhydro-6-hydroxyophiobolin A	Anti-microbial, Anti-cancer [127], Anti-neurodegeneration [128]
TrC-7	ophiobolin A lactone	Anti-microbial [129]
TrC-8	ophiobolin B (cochliobolin B, ophiobolosin A, zizanin B) (ophiobola-7,18-dien-21-al-3α,14α -diol-5-one)	Phytotoxic [130]
TrC-9	3-anhydro-6-*epi*-ophiobolin B	
TrC-10	3-anhydro-6-*epi*-$\Delta^{10(14)}$-ophiobolin B (degradation product)	
TrC-11	di-3-anhydro-6-*epi*-ophiobolin B (degradation product)	
TrC-12	ophiobolin B lactone	Anti-fungal [131]
TrC-13	ophiobolin C (zizanin A) (ophiobola-7,18-dien-21-al-3α-ol-5-one)	Anti-cancer [132]
TrC-14	6-*epi*-ophiobolin C	Anti-cancer [132]
TrC-15	ophiobolin D (cephalonic acid) (ophiobola-3,6,18-trien-8β-ol-21-oic acid)	
TrC-16	ophiobolin E	
TrC-17	ophiobolin F	
TrC-18	ophiobolin G	Anti-cancer [133, 134]
TrC-19	6-*epi*-ophiobolin G	Anti-cancer [133, 134]
TrC-20	hedyosulide	Anti-microbial [135]
TrC-21	14,15-dehydro-(*Z*)-14-ophiobolin G	Anti-cancer [132]
TrC-22	14,15-dehydroophiobolin G	Anti-cancer [132]
TrC-23	14,15-dehydro-6-*epi*-ophiobolin G	Anti-cancer [132]
TrC-24	(6α)-18,19,21,21-*O*-tetrahydro-18,19-dihydroxyophiobolin G	
TrC-25	(6α)-21,21-*O*-dihydroophiobolin G or 21-deoxo-21-hydroxy-6-*epi*-ophiobolin G	
TrC-26	(6α)-21-deoxyophiobolin G	
TrC-27	(6α)-16,17-dihydro-21-deoxyophiobolin G	
TrC-28	ophiobolin H	Anti-inflammatory [136]
TrC-29	(5α,6α)-ophiobolin H	Anti-microbial [137]
TrC-30	(5α,6α)-5-*O*-methylophiobolin H	
TrC-31	5-*O*-methylophiobolin H	
TrC-32	ophiobolin I	
TrC-33	6-*epi*-ophiobolin I	
TrC-34	25-hydroxyophiobolin I	
TrC-35	ophiobolin J	Anti-inflammatory [126]
TrC-36	8-*epi*-ophiobolin J	Anti-inflammatory [126]
TrC-37	8-deoxyophiobolin J	
TrC-38	ophiobolin K	Anti-fungal, Anti-microbial [138] Anti-cancer [139]
TrC-39	6-*epi*-ophiobolin K	Anti-cancer [139]
TrC-40	14,15-dehydroophiobolin K	Anti-cancer [132]
TrC-41	14,15-dehydro-6-*epi*-ophiobolin K	Anti-cancer [132]
TrC-42	21-deoxyophiobolin K	Anti-cancer [134]
TrC-43	ophiobolin L	Anti-microbial [131]
TrC-44	6-*epi*-ophiobolin L	
TrC-45	ophiobolin M	
TrC-46	6-*epi*-ophiobolin M	
TrC-47	ophiobolin N	Anti-cancer [132]
TrC-48	6-*epi*-ophiobolin N	Anti-cancer [132]
TrC-49	ophiobolin O	Anti-cancer [132, 140]

TrC-50	6-*epi*-ophiobolin O	Anti-cancer [141]
TrC-51	21-*epi*-ophiobolin O	Anti-cancer [141]
TrC-52	ophiobolin P	Anti-microbial [41]
TrC-53	ophiobolin Q	Anti-cancer [134]
TrC-54	ophiobolin R	
TrC-55	ophiobolin S	
TrC-56	ophiobolin T	Anti-microbial [41]
TrC-57	ophiobolin U*	Anti-microbial, Anti-fungal [134, 137]
TrC-58	ophiobolin U*	Anti-microbial [134, 137]
TrC-59	21-dehydroophiobolin U	
TrC-60	ophiobolin V	
TrC-61	ophiobolin W	
TrC-62	ophiobolin X	
TrC-63	ophiobolin Y	
TrC-64	ophiobolin Z	Anti-cancer [134]
TrC-65	21-*epi*-ophiobolin Z	
TrC-66	ophiobola-7,19-dien-25-oic acid (14,18(*R*)-epoxy-3,5-dihydroxy-γ-lactone)	
TrC-67	asperophiobolin A	
TrC-68	asperophiobolin B	
TrC-69	asperophiobolin C	
TrC-70	asperophiobolin D	
TrC-71	asperophiobolin E	
TrC-72	asperophiobolin F	
TrC-73	asperophiobolin G	
TrC-74	asperophiobolin H	Anti-inflammatory, Anti-microbial [136]
TrC-75	asperophiobolin I	Anti-inflammatory [136]
TrC-76	asperophiobolin J	Anti-inflammatory [136]
TrC-77	asperophiobolin K	
TrC-78	ophiobotriol	
TrC-79	bipolarin A	
TrC-80	bipolarin B	
TrC-81	bipolarin C	
TrC-82	bipolarin D	
TrC-83	bipolarin E	Anti-microbial [142]
TrC-84	bipolarin F	
TrC-85	bipolarin G	
TrC-86	bipolarin H	
TrC-87	bipolaricin A	
TrC-88	bipolaricin B	Anti-inflammatory [126]
TrC-89	bipolaricin C	Anti-inflammatory [126]
TrC-90	bipolaricin D	
TrC-91	bipolaricin E	
TrC-92	bipolaricin F	
TrC-93	bipolaricin G	
TrC-94	bipolaricin H	
TrC-95	bipolaricin I	
TrC-96	halorosellinic acid	Anti-tubercolar, Antimalarial [143]
TrC-97	ceroplasteric acid	
TrC-98	ceroplastol-I	
TrC-99	ceroplastol-II	
TrC-100	albolic acid	
TrC-101	ceroplastodiol	
TrC-102	cheilarinosin	
TrC-103	ceralbic acid I	
TrC-104	ceralbic acid II	
TrC-105	ceralbol	
TrC-106	fusicoccin A	Anti-cancer [144]
TrC-107	bipolarolide F	Anti-microbial [145]
TrC-108	bipolarolide G	
TrC-109	alborosin	
TrC-110	jaspic acid	Anti-inflammatory [146]
TrC-111	(-)-(5*R*,10*R*)-subersic acid	Anti-inflammatory [146]
TrC-112	coscinoquinol	Anti-microbial [147, 148]
TrC-113	hipposulfate A	Anti-cancer [149]

TrC-114	hipposulfate B	
TrC-115	halisulfate 1	Anti-microbial [147]
TrC-116	(+)-arathanatriene (reported as (−)-caprutriene A by Huang et al. [150])	
TrC-117	(−)-variculatriene A	
TrC-118	(−)-caprutriene (reported as (+)-arathanatriene in Huang et al. [150])	
TrC-119	(-)-variculatriene B	
TrC-120	(+)-thalianatriene	
TrC-121	stellatic acid	
TrC-122	variculanol	
TrC-123	5α-hydroxyfloridenol	
TrC-124	floceric acid	
TrC-125	flocerol	
TrC-126	floridenol	
TrC-127	(*E*)-halisufate	
TrC-128	(17*Z*)-halisulfate 1	
TrC-129	N,N-dimethylguanidinium halisulfate 1	
TrC-130	hyrtiosal	Anti-cancer [151], Anti-viral [152]
TrC-131	jaspiferal C	
TrC-132	jaspiferal D	
TrC-133	jaspiferal E	
TrC-134	jaspiferal F	
TrC-135	jaspolide F	
TrC-136	conulosin A	
TrC-137	conulosin B	
TrC-138	cheilanthatriol	
TrC-139	granulosane A	
TrC-140	9,11-secosterol-3α-hydroxy-5α,6α-epoxy-9-oxo-9,11-seco-5α-cholest-7-en-11-al	
TrC-141	25-hydroxy-13(24),15,17-cheilanthatrien-19,25-olide	Anti-cancer [153]
TrC-142	hamiltonin E	
TrC-143	suvanine	Anti-viral [90], Anti-cancer [154], Anti-thrombotic [155]
TrC-144	atolypene A	Anti-cancer [156]
TrC-145	atolypene B	
TrC-146	13,16-epoxy-25-hydroxy-17-cheilanthen-19,25-olide	Anti-cancer [153]
TrC-147	lintenolide A or spongianolide C	
TrC-148	lintenolide B or spongianolide D	
TrC-149	25-hydroxy-13(24),17-cheilanthadien-16,19-olide	Anti-cancer [153]
TrC-150	16,25-dihydroxy-13(24),17-cheilanthadien-19,25-olide	Anti-cancer [153]
TrC-151	19-nor-3-hydroxyspongia-3,13(16),14-trien-2-one	
TrC-152	3β,19-dihydroxyspongia-13(16),14-dien-2-one (epispongiadiol)	
TrC-153	3β-hydroxyspongia-13(16),14-dien-2-one	Anti-cancer [153, 157]
TrC-154	coscinolactam B	Anti-inflammatory [158]
TrC-155	heliocide B1	
TrC-156	heliocide H1 also reported as heliocide 2 [159]	
TrC-157	heliocide H2 also reported as heliocide 1 [159]	
TrC-158	heliocide H3 also reported as heliocide 4 [159]	
TrC-159	heliocide H4 also reported as heliocide 3 [159]	
TrC-160	terretonin	
TrC-161	terretonin A	
TrC-162	terretonin B	
TrC-163	terretonin C	
TrC-164	terretonin D	
TrC-165	terretonin E	Enzyme Inhibitor (NADH oxidase) [160]
TrC-166	terretonin F	Enzyme Inhibitor (NADH oxidase) [160]
TrC-167	1,2-dihydroterretonin F	
TrC-168	terretonin G	
TrC-169	terretonin H	Embryotoxic [161]
TrC-170	terretonin I	Embryotoxic [161]
TrC-171	hyatolide A	Anti-cancer [162]
TrC-172	hyatolide B	
TrC-173	cerorubenic acid-I	
TrC-174	cerorubenic acid-II	
TrC-175	cerorubenol-I	

TrC-176	cerorubenol-II	
TrC-177	lintenone	
TrC-178	petrosaspongiolide M	Anti-inflammatory [163, 164], Anti-cancer [165-167]
TrC-179	petrosaspongiolide N	Anti-inflammatory [164]
TrC-180	petrosaspongiolide P	Anti-inflammatory [164]
TrC-181	21-hydroxy petrosaspongiolide P	
TrC-182	petrosaspongiolide Q	
TrC-183	petrosaspongiolide R	Anti-inflammatory [164]
TrC-184	nitiol	Anti-cancer [168]
TrC-185	(+)-16-*O*-acetyl-20-formylhyrtiosal	
TrC-186	(+)-20-formylhyrtiosal	
TrC-187	12β-hydroxy-20,24-dimethyl-13,18-oxa-25-norscalarane	
TrC-188	leucosesterterpenone	Anti-cancer [107, 169]
TrC-189	14β-methylleucosesterterpenone	
TrC-190	leucosceptroid C	Anti-insect [170], Immuno-suppressive [108]
TrC-191	leucosceptroid D	Anti-insect [170], Immuno-suppressive [108]
TrC-192	ansellone A	Pro-viral [67]
TrC-193	ansellone B	Anti-inflammatory [171]
TrC-194	ansellone B1	
TrC-195	phorbasone A	Anti-feedant [42]
TrC-196	phorbasone A acetate	
TrC-197	isophorbasone A	Anti-inflammatory [171]
TrC-198	phorbasone B	
TrC-199	phorbadione	
TrC-200	coscinolactam A	
TrC-201	coscinolactam C	Anti-inflammatory [158]
TrC-202	coscinolactam D	Anti-cancer [172]
TrC-203	coscinolactam E	Anti-cancer [172]
TrC-204	coscinolactam F	Anti-cancer [172]
TrC-205	coscinolactam G	Anti-cancer [172]
TrC-206	ansellone C*	Anti-cancer [172]
TrC-207	ansellone C*	Anti-cancer [112, 173, 174]
TrC-208	ansellone D	
TrC-209	ansellone E	
TrC-210	ansellone F	
TrC-211	ansellone G	
TrC-212	petrosaspongiolide A (reported also as unnamed tricarbocyclic sesterterpene, compound 2[175])	
TrC-213	petrosaspongiolide B (reported also as unnamed tricarbocyclic sesterterpene, compound 1[175])	Anti-cancer [176, 177]
TrC-214	petrosaspongiolide C	Anti-cancer [176]
TrC-215	petrosaspongiolide D	Anti-cancer [176]
TrC-216	petrosaspongiolide E	Anti-cancer [176]
TrC-217	petrosaspongiolide F	Anti-cancer [176]
TrC-218	petrosaspongiolide G	Anti-cancer [176]
TrC-219	petrosaspongiolide H	
TrC-220	petrosaspongiolide I	Anti-cancer [176] Anti-cancer [176]
TrC-221	petrosaspongiolide J	Anti-cancer [176]
TrC-222	petrosaspongiolide L	Anti-cancer [176]
TrC-223	salvileucolidone	
TrC-224	betaestacin I (Pb1)	
TrC-225	betaestacin II	
TrC-226	betaestacin III	
TrC-227	betaestacin IV	
TrC-228	betaestacin Va	
TrC-229	betaestacin Vb	
TrC-230	betaestacin Vc	
TrC-231	betaestacin VI	
TrC-232	luteone	
TrC-233	cacospongionolide	

TrC-234	aplysolide A and B (25α and 25β)	Anti-cancer [178]
TrC-235	aplyolide	
TrC-236	cheilanthenediol	
TrC-237	cheilanthenetriol	
TrC-238	spongianolide A	
TrC-239	spongianolide B	Anti-cancer [179]
TrC-240	spongianolide E	
TrC-241	spongianolide F	
TrC-242	lintenolide C	
TrC-243	lintenolide D	Anti-cancer [180]
TrC-244	lintenolide E	Anti-cancer [180]
TrC-245	vulgaroside 1 (24,25-*O*-diacetylvulgaroside)	Anti-cancer [180]
TrC-246	vulgaroside 2	
TrC-247	vulgaroside 3	
TrC-248	vulgaroside 4	
TrC-249	halisulfate 1 methylherbipoline	
TrC-250	caminatal	Enzyme Inhibitor (Serine protease)[155]
TrC-251	cavernosolide	
TrC-252	suvanine methylherbipoline	Antifouling [181]
TrC-253	lintenolide F	Anti-cancer [172]
TrC-254	lintenolide G	Anti-cancer [180]
TrC-255	auroral 1	Anti-cancer [180]
TrC-256	auroral 2	Anti-cancer [182]
TrC-257	auroral 3	Anti-cancer [182]
TrC-258	auroral 4	Anti-cancer [182]
TrC-259	spongidine A	Anti-cancer [182]
TrC-260	spongidine B	Anti-inflammatory [183]
TrC-261	spongidine C	Anti-inflammatory [183]
TrC-262	spongidine D	Anti-inflammatory [183]
TrC-263	unnamed tricarbocyclic sesterterpene (reported as compound 10)	Anti-inflammatory [183]
TrC-264	globostelletin C	
TrC-265	globostelletin D	Anti-cancer [184]
TrC-266	globostelletin E	Anti-cancer [184]
TrC-267	globostelletin F	
TrC-268	globostelletin G	Anti-cancer [184]
TrC-269	unnamed tricarbocyclic sesterterpene (reported as compound 24)	Anti-cancer [184]
TrC-270	unnamed tricarbocyclic sesterterpene (reported as compound 25)	
TrC-271	unnamed tricarbocyclic sesterterpene (reported as compound 7)	
TrC-272	unnamed tricarbocyclic sesterterpene (reported as compound 8)	
TrC-273	flabelliferin A	
TrC-274	unnamed tricarbocyclic sesterterpene (reported as compound 1)	
TrC-275	unnamed tricarbocyclic sesterterpene (reported as compound 4)	
TrC-276	cristasesterterpenoic acid	
TrC-277	cristasesterterpinol glucoside	
TrC-278	involudispirone A	
TrC-279	involudispirone B	
TrC-280	luffolide	
TrC-281	inorolide C	Anti-inflammatory [185]
TrC-282	unnamed tricarbocyclic sesterterpene (reported as compound 4)	
TrC-283	25-deoxycacospongionolide	
TrC-284	unnamed tricarbocyclic sesterterpene (reported as compound 3)	
TrC-285	unnamed tricarbocyclic sesterterpene (reported as compound 4)	
TrC-286	gentianelloid A	
TrC-287	gentianelloid B	Immunosuppressive [186]
TrC-288	2′-isopicrasin A	Immunosuppressive [186]
TrC-289	picrasin A	
TrC-290	unnamed tricarbocyclic sesterterpene (reported as compound 2)	
TrC-291	unnamed tricarbocyclic sesterterpene (reported as compound 3)	
TrC-292	(2*E*)-flocerene	
Trc-293	sesterbrasiliatriene	
TrC-294	18-*epi*-alborosin	
TrC-295	(-)-caprutriene B	
TrC-296	(+)-caprutriene C	
TrC-297	ophiobolane 2 (3,20-anhydroophiobolin F)	

TrC-298	ophiobolane 1 (ophiobola-1,7,18-triene)	
TrC-299	stellata-2,6,19-triene	
TrC-300	(17*Z*)-cheilantha-13(24),17-diene-6a,19-diol	
TrC-301	(17*Z*)-cheilantha-13(24),17-diene-1b,6a,19-triol	
TrC-302	(17*Z*)-19-acetoxycheilantha-13(24),17-diene-1b,6a-diol	
TrC-303	17-oxo-18,19-bisnorcheilanth-13(24)-en-6a-ol	
TrC-304	13,17-dioxo-18,19,24-trisnorcheilanth-6a-ol	
TrC-305	(-)-variculartriene A	
TrC-306	maydispenoid A	Immunosupressive [187]
TrC-307	maydispenoid B	Immunosupressive [187]
TrC-308	Bm1	
TrC-309	18,19-dihydro-19-hydroxy-18-methoxyophiobolin P	
TrC-310	18,19-dihydro-19-hydroxy-18-*epi*-methoxyophiobolin P	
TrC-311	spectanoid A	Anti-cancer [188]
TrC-312	spectanoid B	
TrC-313	spectanoid C	Anti-cancer [188]
TrC-314	spectanoid D	
TrC-315	spectanoid E	
TrC-316	spectanoid F	Anti-cancer [188]
TrC-317	spectanoid G	
TrC-318	linderasesterterpenoid A	Anti-inflammatory [189]
TrC-319	linderasesterterpenoid B	Anti-inflammatory [189]
TrC-320	ancepsone A	Anti-cancer [188]
TrC-321	schultriene	
TrC-322	ophiobolin P1	
TrC-323	ansellone H	
TrC-324	ansellone I	
TrC-325	ansellone J	Anti-viral [190]
TrC-326	ansellone K	
TrC-327	cyophiobiolin A	Anti-inflammatory [191]
TrC-328	cyophiobiolin B	Anti-inflammatory [191]
TrC-329	cyophiobiolin C	
TrC-330	cyophiobiolin D	
TrC-331	sesterviolene B	
TrC-332	nigtetraene	
TrC-333	colquhounoid A	
TrC-334	colquhounoid D	
TrC-335	14-*epi*-colquhounoid D	
TrC-336	orientanoid A	Anti-cancer [192]
TrC-337	orientanoid B	
TrC-338	orientanoid C	
TrC-339	secosuberitenone A	
TrC-340	patriniaterpene A	Anti-inflammatory [193]
TrC-341	patriniaterpene B	Anti-inflammatory [193]
TrC-342	sarcotragusolide A	Anti-cancer [194]
TrC-343	sarcotragusolide B	Anti-cancer [194]
TrC-344	sarcotragusolide C	
TrC-345	sarcotragusolide D	Anti-cancer [194]
TrC-346	bipolaricin J	
TrC-347	bipolaricin K	Anti-cancer [195]
TrC-348	bipolaricin L	
TrC-349	bipolaricin M	Anti-cancer [195], Phytotoxic [195]
TrC-350	bipolaricin N	Phytotoxic [195]
TrC-351	bipolaricin O	Phytotoxic [195]
TrC-352	bipolaricin P	Anti-cancer [195], Phytotoxic [195]
TrC-353	bipolaricin Q	Anti-cancer [195], Phytotoxic [195]
TrC-354	bipolaricin R	Anti-cancer [195], Phytotoxic [195]
TrC-355	bipolaricin S	Phytotoxic [195]
TrC-356	21-deoxo-21-hydroxyophiobolin U	
TrC-357	undobolin A	
TrC-358	undobolin B	
TrC-359	undobolin C	
TrC-360	undobolin D	Immuno-suppressive [196]
TrC-361	undobolin E	

TrC-362	undobolin F	Immuno-suppressive [196]
TrC-363	undobolin G	
TrC-364	undobolin H	Anti-inflammatory [196]
TrC-365	undobolin I	
TrC-366	undobolin J	
TrC-367	undobolin K	
TrC-368	undobolin L	Immuno-suppressive [196]
TrC-369	bipoladien C	
TrC-370	bipoladien D	Anti-microbial [197]
TrC-371	bipoladien E	Anti-microbial [197]
TrC-372	unnamed ophiobolin analog	
TrC-373	unnamed ophiobolin analog	Anti-cancer [198]
TrC-374	unnamed ophiobolin analog	Anti-cancer [198]

*The same name was used for two different compounds

Section 8. Biological activities of tetracarbocyclic (TeC) sesterterpenoids (with and without hetherocycles) and their dimers

c. n.	**IUPAC name or Trivial name**	**Bioactivity (reference)**
TeC-1	bipolarolide A	Enzyme Inhibitor (HMG-CoA reductase) [145]
TeC-2	bipolarolide B	
TeC-3	bipolarolide C	
TeC-4	bipolarolide D	
TeC-5	variecolin	Immunosupressive [199]
TeC-6	variecolol	Immunosupressive [199]
TeC-7	emericolin A	
TeC-8	emericolin B	
TeC-9	emericolin C	
TeC-10	emericolin D	
TeC-11	variecolactone	Immunosupressive [200], Anti-cancer [201]
TeC-12	variecoacetal A	Immunosupressive [200]
TeC-13	variecoacetal B	Immunosupressive [200]
TeC-14	YW3699	
TeC-15	aleurodiscal	Anti-fungal [202]
TeC-16	astellifadiene	
TeC-17	(−)-aleurodiscalene A	
TeC-18	(+)-aleurodiscalene B	
TeC-19	emericellic acid	
TeC-20	sesterfisherol	
TeC-21	sesterfisheric acid	
TeC-22	aspergilloxide	
TeC-23	suberitenone A	Anti-cancer [203], Anti-RSV (Respiratory syncytial virus) [204]
TeC-24	suberitenone B	Anti-cancer [203], Anti-RSV (Respiratory syncytial virus) [204]
TeC-25	isosuberitenone B	Anti-cancer [205]
TeC-26	19-*epi*-suberitenone	Anti-cancer [205]
TeC-27	suberitenone C	
TeC-28	suberitenone D	
TeC-29	suberiphenol	
TeC-30	oxaspirosuberitenone	Anti-cancer [205]
TeC-31	flabelliferin B	
TeC-32	phellogine	
TeC-33	foliaspongin	
TeC-34	perisomalien A	Anti-cancer [206]
TeC-35	lendenfeldarane A	
TeC-36	lendenfeldarane B	
TeC-37	carteriofenone A	
TeC-38	carteriofenone B	
TeC-39	carteriofenone C	
TeC-40	carteriofenone D	Anti-cancer [207]
TeC-41	unnamed tetracarbocyclic sesterterpene (reported as compound 3)	

TeC-42	unnamed tetracarbocyclic sesterterpene (reported as compound 5)	
TeC-43	unnamed tetracarbocyclic sesterterpene (reported as compound 6)	
TeC-44	unnamed tetracarbocyclic sesterterpene (reported as compound 7)	
TeC-45	dibritannilactone A	Anti-inflammatory [208]
TeC-46	12-deacetyl-12-oxoscalaradial	Ichthyotoxic [209]
TeC-47	12-deacetyl-12,18-di-*epi*-scalaradial	Anti-cancer [210]
TeC-48	hyrtial	Anti-inflammatory [211]
TeC-49	12-deacetylhyrtial	Anti-cancer [212]
TeC-50	12-deacetyl-Δ^{17}-hyrtial	Anti-cancer [212]
TeC-51	12-deacetoxy-23-hydroxyscalaradial	Anti-cancer [213]
TeC-52	5-deoxovariecolin	Anti-cancer [214]
TeC-53	12-deacetyl-18-*epi*-12-oxoscalaradial	
TeC-54	unnamed tetracarbocyclic sesterterpene (reported as compound 1)	Anti-cancer [215]
TeC-55	unnamed tetracarbocyclic sesterterpene (reported as compound 1a)	Anti-cancer [215]
TeC-56	unnamed tetracarbocyclic sesterterpene (reported as compound 2)	Anti-cancer [215]
TeC-57	12α-(3'-acetobutanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al	Anti-cancer [215]
TeC-58	12α-(3'-acetoxypentanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al	Anti-cancer [215]
TeC-59	12α-acetoxy-16α-(3'-hydroxypentanoyloxy)-20,24-dimethyl-24-oxoscalaran-25β-oic acid	
TeC-60	methyl 18-hydroxy-19-norscalar-16-en-20-carboxylate	Anti-microbial [216]
TeC-61	12β-(3’β-hydroxypentanoyloxy)-20,24-dimethyl-24-oxo-scalara-16-en-25-al	Anti-cancer [217]
TeC-62	unnamed tetracarbocyclic sesterterpene (reported as compound 1)	Anti-cancer [218]
TeC-63	unnamed tetracarbocyclic sesterterpene (reported as compound 2)	
TeC-64	petrosaspongiolide K	Anti-cancer [176]
TeC-65	21-hydroxy petrosaspongiolide K	Anti-inflammatory [183]
TeC-66	mooloolabene A	Anti-cancer [219]
TeC-67	mooloolabene B	Anti-cancer [219]
TeC-68	mooloolabene C	Anti-cancer [219]
TeC-69	mooloolabene D	Anti-cancer [219]
TeC-70	mooloolabene E	Anti-cancer [219]
TeC-71	mooloolaldehyde	Anti-cancer [219]
TeC-72	12α-acetoxy-16β-hydroxy-20,24-dimethyl-24-oxo-25-norscalarane	Anti-cancer [220]
TeC-73	12α,16α-diacetoxy-20,24-dimethyl-25-norsclaran-24-one	
TeC-74	(12α,16β)-12-acetoxy-16-hydroxy-20,24-dimethyl-25-norscalar-17-en-24-one	Anti-cancer [220]
TeC-75	scalaradial	Anti-inflammatory [221], Anti-cancer [178], Enzyme Inhibitor (Transient receptor potential cation channel, subfamily M, member 2) [222]
TeC-76	desacetylscalaradial (deacetylscaradial)	
TeC-77	12-deacetoxyscalaradial (scalarenedial)	Anti-cancer [213]
TeC-78	12-*epi*-scalaradial	Anti-inflammatory [223], Anti-microbial [216]
TeC-79	12-deacetyl-12-*epi*-scalaradial	Anti-cancer [224]
TeC-80	19-dihydroscalaradial	
TeC-81	18-*epi*-scalaradial	Anti-cancer [225]
TeC-82	12,18-di-*epi*-scalaradial	Anti-microbial [216]
TeC-83	12-deacetoxy-12-oxo-scalaradial	
TeC-84	12-deacetyl-23-acetoxy-20-methyl-12-*epi*-scalaradial	Anti-inflammatory [226]
TeC-85	12α-acetoxy-22-hydroxy-24-methyl-24-oxoscalar-16-en-25-al or PHC-4	Anti-cancer [227]
TeC-86	12α-acetoxy-24-methyl-24-oxoscalar-16-en-22,25-dial or PHC-2	Anti-cancer [228]
TeC-87	24-methyl-12,24,25-trioxoscalar-16-en-22-oic acid or PHC-1	Anti-inflammatory [229]
TeC-88	12α-hydroxy-24-methyl-24,25-dioxoscalar-16-en-22-oic acid	
TeC-89	12α-acetoxy-20,24-dimethyl-25-norscalar-16-en-24-one	Anti-cancer [230]
TeC-90	unnamed tetracarbocyclic sesterterpene (reported as compound 6)	Anti-cancer [215]
TeC-91	unnamed tetracarbocyclic sesterterpene (reported as compound 7)	Anti-cancer [215]
TeC-92	25-nor-24-methyl-12,24-dioxoscalar-16-en-22-oic acid	
TeC-93	phyllophenone E	
TeC-94	12a-acetoxy-20,24-dimethyl-24-oxoscalar-16-en-25b-oic acid	
TeC-95	22-hydroxy-24-methyl-12,24-dioxoscalar-16-en-25-al or PCH-3	Anti-cancer [231]

TeC-96	25-nor-12α-acetoxy-20,24-dimethyl-24-oxoscalar-16-en-18b-ol	
TeC-97	asperterpenol A	Enzyme Inhibitor (Acetylcholinesterase) [232]
TeC-98	asperterpenol B	Enzyme Inhibitor (Acetylcholinesterase) [232]
TeC-99	24-methyl-24,25-dioxoscalar-16-en-12b-yl-3-hydroxybutanoate	Anti-inflammatory [233]
TeC-100	felixin F	
TeC-101	felixin G	
TeC-102	12α-acetoxy-20,24-dimethyl-16,24-dioxoscalar-14,17-dien-25-oic acid	
TeC-103	24-methyl-12,24,25-trioxoscalar-16-en-22-oate	Anti-cancer [231]
TeC-104	12α-acetoxy-16b-hydroxy-24-methyl-24-oxoscalarane-25-al	Anti-cancer [33]
TeC-105	12β-(3'β-hydroxybutanoyloxy)-20,24-dimethyl-24-oxo-scalara-16-en-25-al	Anti-cancer [217]
TeC-106	12-*O*-deacetyl-12-*epi*-19-*O*-methylscalarin	Anti-cancer [234]
TeC-107	12-*O*-deacetyl-12,19-di-*epi*-scalarin	
TeC-108	scalarinol	Anti-cancer [235]
TeC-109	12,24-diacetoxy-deoxoscalarin	Anti-hypercolesterolemic [236]
TeC-110	12-*O*-deacetoxyl-24-hydroxyl-deoxoscalarin	Anti-hypercolesterolemic [236]
TeC-111	12-*O*-deacetoxyl-19-*O*-methydeoxoscalarin	Anti-hypercolesterolemic [236]
TeC-112	12α-*O*-acetylhyrtiolide	
TeC-113	12α-acetoxy-20,24β-dimethylscalar-17-eno-25,24-lactone	
TeC-114	sesterstatin 7	Anti-microbial [237]
TeC-115	unnamed tetracarbocyclic sesterterpene (reported as compound 1)	Anti-microbial [238]
TeC-116	12-*O*-deacetyl-12-*epi*-19-deoxy-21-hydroxyscalarin	
TeC-117	unnamed tetracarbocyclic sesterterpene (reported as compound 2)	Anti-microbial [238]
TeC-118	12β,16β,22-trihydroxy-24-methyl-24-oxoscalaran-25-oxo methyl ester	
TeC-119	12α-acetoxy-20,24-dimethyl-16,24-dioxoscalara-14,17-dien-24-ol-25,24-olide	
TeC-120	scalarester	
TeC-121	12-*epi*-19-deoxyscalarin	Anti-cancer [239]
TeC-122	unnamed tetracarbocyclic sesterterpene (reported as compound 7)	
TeC-123	salmahyrtisol C	
TeC-124	unnamed tetracarbocyclic sesterterpene (reported as compound 8)	
TeC-125	24-acetoxy-12-deacetyl-12-*epi*-deoxoscalarin	
TeC-126	petrosapsongiolactam A	Enzyme Inhibitor (TDP-43) [240]
TeC-127	petrosapsongiolactam B	
TeC-128	petrosapsongiolactam C	
TeC-129	unnamed tetracarbocyclic sesterterpene (reported as compound 2a and as compound 6)	
TeC-130	unnamed tetracarbocyclic sesterterpene (reported as compound 2b)	
TeC-131	unnamed tetracarbocyclic sesterterpene (reported as compound 3)	
TeC-132	unnamed tetracarbocyclic sesterterpene (reported as compound 9)	
TeC-133	unnamed tetracarbocyclic sesterterpene (reported as compound 3)	
TeC-134	unnamed tetracarbocyclic sesterterpene (reported as compound 3a)	
TeC-135	unnamed tetracarbocyclic sesterterpene (reported as compound 3b)	
TeC-136	unnamed tetracarbocyclic sesterterpene (reported as compound 3c)	
TeC-137	unnamed tetracarbocyclic sesterterpene (reported as compound 4)	
TeC-138	unnamed tetracarbocyclic sesterterpene (reported as compound 4b)	
TeC-139	unnamed tetracarbocyclic sesterterpene (reported as compound 4c)	
TeC-140	unnamed tetracarbocyclic sesterterpene (reported as compound 5)	
TeC-141	12-deacetoxy-12-oxo-deoxoscalarin	
TeC-142	12-deacetoxy-23-acetoxy-19-*O*-acetylscalarin	Anti-cancer [213]
TeC-143	unnamed tetracarbocyclic sesterterpene (reported as compound 2)	Anti-cancer [33]
TeC-144	unnamed tetracarbocyclic sesterterpene (reported as compound 3)	
TeC-145	unnamed tetracarbocyclic sesterterpene (reported as compound 4)	
TeC-146	unnamed tetracarbocyclic sesterterpene (reported as compound 5)	
TeC-147	unnamed tetracarbocyclic sesterterpene (reported as compound 6)	Anti-cancer [33]
TeC-148	unnamed tetracarbocyclic sesterterpene (reported as compound 7)	
TeC-149	unnamed tetracarbocyclic sesterterpene (reported as compound 8)	
TeC-150	12α-acetoxy-24,25-epoxy-24-hydroxy-20,24-dimethylscalarane	Anti-cancer [230]
TeC-151	scalardysin-A	Anti-microbial [230]
TeC-152	scalardysin-B	
TeC-153	12-acetyl-19,20-dimethoxy-deoxoscalarin	
TeC-154	deoxo-scalarin acetate	
TeC-155	12-*epi*-deacetyl-19α-acetoxy-20α-methoxyscalaran	

TeC-156	scalarin	
TeC-157	scalarinether	
TeC-158	19-deoxyscalarin	
TeC-159	12-*O*-deacetyl-12-*epi*-scalarin	Anti-cancer [241]
TeC-160	12-deacetyl-12-*epi*-19-deoxyscalarin	
TeC-161	12-*O*-deacetyl-12-*epi*-19-deoxy-22-hydroxyscalarin	
TeC-162	16-acetoxy-dihydrodeoxoscalarin	
TeC-163	deoxoscalarin	Anti-cancer [242]
TeC-164	6-keto-deoxoscalarin	
TeC-165	felixin A	Anti-cancer [243]
TeC-166	felixin B	Anti-cancer [243]
TeC-167	felixin C	Anti-cancer [243]
TeC-168	felixin D	Anti-cancer [243]
TeC-169	felixin E	Anti-cancer [243]
TeC-170	12-deacetoxy-23-*O*-acetoxyheteronemin	Anti-cancer [213]
TeC-171	citreohybidone A	
TeC-172	hippospongide B	
TeC-173	scalarolide	Anti-cancer [244]
TeC-174	12-*epi*-12-*O*-acetylscalarolide	
TeC-175	scalarolide acetate	Anti-cancer [244]
TeC-176	12-deacetoxyscalarin 19-acetate	Anti-cancer [245]
TeC-177	12-deacetoxy-21-acetoxyscalarin	Anti-cancer [246]
TeC-178	12-deacetoxy-22-acetoxyscalarin	Anti-cancer [16]
TeC-179	12-*O*-deacetyl-25-*epi*-scalarin	
TeC-180	12-*epi*-19-*O*-methylscalarin	
TeC-181	12-deacetoxy-22,25- diacetoxy-scalarin	Anti-cancer [16]
TeC-182	12α-acetoxy-19β-hydroxyscalara-15,17-dien-20,19-olide	
TeC-183	12-deacetoxy-22-hydroxy-25-acetoxyscalarin	Anti-cancer [247]
TeC-184	hyrtiolide	Anti-cancer [248]
TeC-185	12-dehydroxy-23-hydroxyhyrtiolide	Anti-cancer [213]
TeC-186	12-acetoxy,16-*epi*-hyrtiolide	Anti-cancer [249], Anti-microbial [239]
TeC-187	12-*O*-acetyl-16-*O*-methylhyrtiolide	Anti-cancer [241]
TeC-188	phyllolactone A	
TeC-189	phyllolactone B	
TeC-190	phyllolactone C	
TeC-191	phyllolactone D	
TeC-192	phyllolactone E	
TeC-193	unnamed tetracarbocyclic sesterterpene (reported as compound 2)	
TeC-194	similan A	Anti-cancer [248]
TeC-195	20-hydroxyscalarolide	Anti-microbial [216]
TeC-196	16-hydroxyscalarolide	
TeC-197	12β16α,20-trihydroxy-17-scalaren-19,20-olide	Anti-cancer [248]
TeC-198	(12α,24*S*)-12-[(3-hydroxypentanoyl)oxy]-20,24-dimethyl-25-oxoscalar-15,17-dien-25,24-olide	
TeC-199	19-acetylsesterstatin 3	Anti-microbial [239]
TeC-200	3-acetylsesterstatin 1	
TeC-201	12β,20-dihydroxy-16β-acetoxy-17-scalaren-19,20-olide	
TeC-202	12β-acetoxy,16β-methoxy,20α-hydroxy-17-scalaren-19,20-olide	
TeC-203	12α,24-dihydroxy-20,24-dimethyl-15,17-scalaradien-25,24-olide	
TeC-204	12,16-dihydroxy-24-methylscalaran-25,24-olide	Anti-cancer [250]
TeC-205	phyllofolactone L	
TeC-206	phyllofolactone B	
TeC-207	phyllofolactone C	
TeC-208	phyllofolactone D	
TeC-209	phyllofolactone H	
TeC-210	phyllofolactone I	
TeC-211	phyllofolactone J	
TeC-212	phyllofolactone K	
TeC-213	phyllofolactone M	
TeC-214	12-*epi*-phyllofolactone-B	
TeC-215	12-*epi*-phyllactone D	
TeC-216	12-*epi*-phyllactone E	
TeC-217	phyllactone F	Anti-cancer [251]
TeC-218	phyllactone G	Anti-cancer [251]

TeC-219	phyllactone H	
TeC-220	lendenfeldarane C	Anti-cancer [252]
TeC-221	lendenfeldarane D	
TeC-222	honulactone C	Anti-cancer [253]
TeC-223	honulactone D	Anti-cancer [253]
TeC-224	honulactone I	
TeC-225	honulactone L	
TeC-226	unnamed tetracarbocyclic sesterterpene (reported as compound 5)	
TeC-227	unnamed tetracarbocyclic sesterterpene (reported as compound 6)	
TeC-228	unnamed tetracarbocyclic sesterterpene (reported as compound 13)	
TeC-229	unnamed tetracarbocyclic sesterterpene (reported as compound 14)	
TeC-230	(12α,24*R*)-12-[(3-hydroxypentanoyl) oxy]-20,24-dimethyl-25-oxoscalar-15,17-dien-25,24-olide	
TeC-231	unnamed tetracarbocyclic sesterterpene (reported as compound 3)	
TeC-232	24β-methoxyscalarolide	
TeC-233	unnamed tetracarbocyclic sesterterpene (reported as compound 10)	Anti-microbial [234]
TeC-234	22-acetoxy-12 β,16β-dihydroxy-24-methylscalaran-25,24-olide (reported also as homoscalaralactone IIB) [254]	
TeC-235	12β,16 β-dihydroxy-24-methylscalaran-25,24-olide	
TeC-236	12β,16β,22-trihydroxy-24-methylscalaran-25β,24β-olide	
TeC-237	12β,16β,22- trihydroxy-24α-methylscalar-25β,24α-olide	
TeC-238	12α-acetoxy-23,25-cyclo-16β,25*Z*-dihydroxy-20,24-dimethyl-24-oxoscalarane	
TeC-239	hyattellactone A	Enzyme Inhibitor (Protein tyrosine phosphatase 1B) [255]
TeC-240	hyattellactone B	
TeC-241	phyllactone A	Anti-cancer [256]
TeC-242	phyllactone B	Anti-cancer [256]
TeC-243	phyllactone C	
TeC-244	phyllactone D	
TeC-245	phyllactone E	
TeC-246	phyllofolactone A	
TeC-247	carteriofenone I	Anti-cancer [207]
TeC-248	mooloolabene F	
TeC-249	mooloolabene G	
TeC-250	mooloolabene H	
TeC-251	mooloolabene I	
TeC-252	mooloolabene J	
TeC-253	mooloolabene K	
TeC-254	mooloolabene L	
TeC-255	mooloolabene M	
TeC-256	mooloolabene N	
TeC-257	mooloolabene O	
TeC-258	carteriofenone K	Anti-cancer [207]
TeC-259	12β-acetoxy-20- hydroxy-17-scalaren-19,20-olide	
TeC-260	unnamed tetracarbocyclic sesterterpene (reported as compound 3)	Enzyme Inhibitor (RCE-Protease) [218]
TeC-261	unnamed tetracarbocyclic sesterterpene (reported as compound 4)	Enzyme Inhibitor (RCE-Protease) [218]
TeC-262	unnamed tetracarbocyclic sesterterpene (reported as compound 4)	
TeC-263	12β,16β-diacetoxyscalarolbutenolide	
TeC-264	12α,16β-diacetoxyscalarolbutenolide	
TeC-265	12α-acetoxy-16β-hydroxyscalarolbutenolide	
TeC-266	12-deacetoxy-12-oxo-deoxyscalarin	
TeC-267	scalarolbutenolide	
TeC-268	12-*O*-acetyl-16-*O*-deacetyl-16-*epi*-scalarolbutenolide	Anti-cancer [246]
TeC-269	16-*O*-deacetyl-16-*epi*-scalarolbutenolide	Anti-cancer [246]
TeC-270	12-deacetyl-sclaradial	Anti-cancer [253]
TeC-271	norscalaral A	Anti-cancer [225]
TeC-272	norscalaral B	Anti-cancer [225]
TeC-273	norscalaral C	Anti-cancer [225]
TeC-274	12-deacetyl-18-*epi*-12-oxo-sclaradial	
TeC-275	scalarherbacin-A	
TeC-276	scalarherbacin-A acetate	
TeC-277	scalarherbacin-B	
TeC-278	scalarherbacin-B acetate	

TeC-279	unnamed tetracarbocyclic sesterterpene (reported as compound 8)	Anti-cancer [215]
TeC-280	12-*epi*-deoxoscalarin	Anti-microbial [216]
TeC-281	12-*epi*-scalarin	Anti-cancer [241, 257], Anti-microbial [234]
TeC-282	12-deacetyl-20-methyl-12-*epi*-deoxoscalarin	
TeC-283	12-deacetyl-23-acetoxy-20-methyl-12-*epi*-deoxoscalarin	
TeC-284	12-deacetoxy-23-acetoxyscalarin	Anti-cancer [16]
TeC-285	3-hydroxy-20,22-dimethyldeoxoscalarin	
TeC-286	3-keto-20,22-dimethyl-20-deoxoscalarin	
TeC-287	phyllofenone C	
TeC-288	12-*O*-deacetyl-19-*epi*-scalarin	
TeC-289	12-*O*-deacetylnorscalaral B	Anti-cancer [162]
TeC-290	12-deacetoxy-23-hydroxyheteronemin	Anti-cancer [213]
TeC-291	unnamed tetracarbocyclic sesterterpene (reported as compound 4)	
TeC-292	16β-acetoxy-20,24-dimethyl-12,24-dioxo-25-norscalarane	
TeC-293	16β-hydroxy-24-methyl-12,24-dioxoscalaran-25-al	Anti-cancer [33]
TeC-294	2α-deoxoscalarin	
TeC-295	19-acetyl-12-deacetoxy-12-oxo-deoxoscalarin	
TeC-296	sesterstatin 1	Anti-cancer [258]
TeC-297	sesterstatin 2	Anti-cancer, Anti-microbial [258]
TeC-298	sesterstatin 3	Anti-cancer [258]
TeC-299	hyatolide C	
TeC-300	hyatolide D	
TeC-301	hyatolide E	
TeC-302	phyllofolactone F	Enzyme inhibitor (Protein tyrosine phosphatase 1B)[255]
TeC-303	phyllofolactone G	
TeC-304	25-dehydroxy-12-*epi*-scalarin	Anti-cancer [245]
TeC-305	hyrtiosin A	
TeC-306	hyrtiosin B	Anti-fungal [259]
TeC-307	hyrtiosin C	
TeC-308	hyrtiosin D	
TeC-309	hyrtiosin E	Anti-cancer [260]
TeC-310	sesterstatin 6	Anti-cancer [261]
TeC-311	12β,22,24ε-trihydroxy-24-methylscalar-17-ene-18,24-carbolactone	Anti-cancer [227]
TeC-312	12-*O*-acetyl-12,16-*epi*-scalarolbutenolide	Anti-cancer [262]
TeC-313	16-*O*-deacetyl-12,16-*epi*-scalarolbutanolide	
TeC-314	unnamed tetracarbocyclic sesterterpene (reported as compound 6)	Anti-cancer [262]
TeC-315	unnamed tetracarbocyclic sesterterpene (reported as compound 7)	Anti-cancer [262]
TeC-316	unnamed tetracarbocyclic sesterterpene (reported as compound 8)	Anti-cancer [262]
TeC-317	12α,16β-diacetoxy-20,24-dimethyl-24-oxoscalaran-25-al	
TeC-318	12β,22-dihydroxy-24-methyl-24-oxoscalar-16-en-25β-al	Anti-cancer [227]
TeC-319	12α-acetoxy-16β-3'*R*-hydroxybutanoyloxy)-20,24-dimethyl-24-oxoscalaran-25-al	Anti-cancer [263]
TeC-320	12α-acetoxy-16β-(3'*R*-hydroxypentanoyloxy)-20,24-dimethyl-24-oxoscalaran-25-al	Anti-cancer [263], Anti-microbial [263]
TeC-321	12α-acetoxy-16β-hydroxy-20,24-dimethyl-24-oxoscalaran-25-al	Anti-cancer [263]
TeC-322	12α,22-dihydroxy-24-methyl-24-oxoscalar-16-en-25α-al	Anti-cancer [263]
TeC-323	12α-acetoxy-16β-propanoyloxy-20,24-dimethyl-24-oxoscalaran-25-al	Anti-cancer [263]
TeC-324	12α-(3'*R*-hydroxypentanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al	Anti-cancer [263]
TeC-325	12α-(3'-propanoyloxypentanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al	Anti-cancer [263]
TeC-326	heteronemin	Anti-cancer, Anti-microbial [245, 264-266], Enzyme Inhibitor (TDP-43) [267, 268]
TeC-327	12-*epi*-heteronemin	
TeC-328	12-*epi*-heteronemin acetate	
TeC-329	furoscalarol	
TeC-330	12,16-di-*epi*-12-*O*-deacetyl-16-*O*-acetylfuroscalarol	Anti-cancer [269]
TeC-331	scalarafuran	
TeC-332	isoscalarafuran-A	
TeC-333	16-acetylfuroscalarol	Anti-cancer [269]
TeC-334	isoscalarafuran-B	
TeC-335	sesterstatin 4 (16-*epi*-deacetyl-scalarafuran)	Anti-cancer [270]
TeC-336	sesterstatin 5	Anti-cancer [270]

TeC-337	nambiscalarane	
TeC-338	16-deacetoxy-12-*epi*-scalarafuranacetate	
TeC-339	12-*O*-acetyl-16-deacetoxy-23-acetoxyscalarafuran	Anti-cancer [213]
TeC-340	12-*O*-deacetylscalarafuran	Anti-cancer [241]
TeC-341	21-hydroxy-16-deacetyl-12-*epi*-scalarafuran acetate	
TeC-342	salmahyrtisol B*	Anti-cancer [271]
TeC-343	unnamed tetracarbocyclic sesterterpene (reported as compound 11)	Anti-microbial [234]
TeC-344	hyatelactam	Anti-cancer [162]
TeC-345	sesterstamide	
TeC-346	scalalactam A	
TeC-347	scalalactam B	
TeC-348	24-methoxypetrosaspongia C	Anti-cancer, Anti-proliferative [249]
TeC-349	heteronemin acetate	Anti-cancer [245]
TeC-350	16β,22-dihydroxy-24-methyl-24-oxoscalaran-25,12β-olactone (also reported as 16β,22-dihydroxy-24-methyl-24-oxoscalaran-25,12β-olide [272] and as homoscalaralactone IIA [254])	Anti-cancer [227]
TeC-351	22-acetoxy-16β-hydroxy-24-methyl-24-oxoscalarano-25,12β-lactone	Anti-cancer [273], Anti-microbial [274]
TeC-352	nitidasin	Immunosuppressive [275]
TeC-353	asperunguisin F	
TeC-354	phyllospongin A	Anti-cancer, Anti-microbial [230]
TeC-355	phyllospongin B	Anti-cancer, Anti-microbial [230]
TeC-356	phyllospongin C	Anti-cancer, Anti-microbial [230]
TeC-357	unnamed tetracarbocyclic sesterterpene (reported as compound 4)	Anti-cancer [276]
TeC-358	hyatelone C	
TeC-359	cybastacine A	Anti-microbial [277]
TeC-360	cybastacine B	Anti-microbial [277]
TeC-361	molliorin-a	
TeC-362	molliorin-b	
TeC-363	molliorin-c	
TeC-364	molliorin-e	
TeC-365	sednolide	Anti-microbial [278]
TeC-366	scytoscalarol	Anti-microbial [279]
TeC-367	cerorubenic acid-III	
TeC-368	inorolide A	
TeC-369	inorolide B	
TeC-370	neomangicol A	Anti-cancer [280]
TeC-371	neomangicol B	Anti-cancer [280]
TeC-372	neomangicol C	
TeC-373	salmahyrtisol A	Anti-cancer [271]
TeC-374	mangicol A	Anti-inflammatory [281]
TeC-375	mangicol B	Anti-inflammatory [281]
TeC-376	mangicol C	
TeC-377	mangicol D	
TeC-378	mangicol E	
TeC-379	mangicol F	
TeC-380	mangicol G	
TeC-381	cyclocitrinol	Induces the production of cAMP [282]
TeC-382	12β,20-dihydroxy-16β-acetoxy-17-scalaren-19,20-olide	
TeC-383	19-acetyl-12-deacetyl-12-*epi*-deoxoscalarin	
TeC-384	unnamed tetracarbocyclic sesterterpene (reported as compound 2)	
TeC-385	hippospongide A	
TeC-386	phorone A	
TeC-387	suvanine N,N-dimethyl-1,3-dimethylherbipoline salt	Anti-cancer, Anti-microbial [172]
TeC-388	suvanine N,N-dimethylguanidium salt	Anti-cancer [172]
TeC-389	phorone B	Anti-cancer [283]
TeC-390	anvilone A	Pro-viral [67]
TeC-391	anvilone B	
TeC-392	erinacine S	Anti-neurodegeneration [284]
TeC-393	sesteralterin	Anti-microbial [285]
TeC-394	19-*epi*-isosuberitenone B	Anti-cancer [205]
TeC-395	isoxaspirosuberitenone	Anti-cancer [205]
TeC-396	asperunguisin A	Anti-cancer [286]
TeC-397	asperunguisin C	Anti-cancer [286]
TeC-398	asperunguisin D	

TeC-399	asperunguisin E	
TeC-400	epihomoscalaralactone IIA	
TeC-401	homoscalarate II	
TeC-402	coscinalactone	
TeC-403	coscinafuran	
TeC-404	12β,16β,22-trihydroxy-24*R*-methylscalar-25β,24α-olide	
TeC-405	22-hydroxy-24-methylsedn-16-en-24-one-12β,25β -olide	
TeC-406	unnamed tetracarbocyclic sesterterpene (reported as compound 1)	Anti-neurodegeneration [240]
TeC-407	unnamed tetracarbocyclic sesterterpene (reported as compound 2)	Anti-neurodegeneration [240]
TeC-408	hyatelone A	Anti-cancer [162]
TeC-409	hyatelone B	
TeC-410	corallocarpscalarolide	
TeC-411	phyllofenone A	
TeC-412	dehydrofoliaspongin	
TeC-413	phyllofoliaspongin	Anti-cancer [287]
TeC-414	12α-acetoxy-16β-hydroxy-20,24-dimethyl-24-oxoscalar-25-al	
TeC-415	methyl 12α-acetoxy-20,24-dimethyl-16,24-dioxoscalara-14,17-dien-25-oate	
TeC-416	unnamed tetracarbocyclic sesterterpene (12-deacetyl derivative of scalarin) (reported as compound 5)	Anti-microbial, Anti-cancer [247]
TeC-417	unnamed tetracarbocyclic sesterterpene (reported as compound 6)	Anti-cancer [247]
TeC-418	unnamed tetracarbocyclic sesterterpene (reported as compound 8)	Anti-microbial, Anti-cancer [247]
TeC-419	unnamed tetracarbocyclic sesterterpene (reported as compound 9)	Anti-microbial, Anti-cancer [247]
TeC-420	unnamed tetracarbocyclic sesterterpene (reported as compound 10)	Anti-microbial, Anti-cancer [247]
TeC-421	unnamed tetracarbocyclic sesterterpene (reported as compound 11)	Anti-cancer [247]
TeC-422	unnamed tetracarbocyclic sesterterpene (reported as compound 12)	Anti-cancer [247]
TeC-423	unnamed tetracarbocyclic sesterterpene (reported as compound 13)	Anti-microbial, Anti-cancer [247]
TeC-424	honulactone J	
TeC-425	honulactone K	
TeC-426	12α-(3*R*'-hydroxybutanoyloxy)-20,24-dimethyl-24-oxoscalar-16-en-25-al	
TeC-427	12,16-deacetoxy-12-oxo-scalarafuran	
TeC-428	12-*epi*-deoxoscalarin-3-one	Anti-cancer [242]
TeC-429	deoxoscalarin-3-one	Anti-cancer [242]
TeC-430	21-hydroxydeoxoscalarin	Anti-cancer [242]
TeC-431	21-acetoxydeoxoscalarin	Anti-cancer [242]
TeC-432	ketodeoxoscalarin	
TeC-433	12-deacetyl-12-*epi*-deoxoscalarin	
TeC-434	16-deacetoxy-scalarafuran	
TeC-435	(-)-caprudiene A	
TeC-436	(+)-braparadiene A	
TeC-437	(-)-braparadiene B	
TeC-438	(-)-arathanadiene A	
TeC-439	(-)-arathanadiene B	
TeC-440	sesterevisene	
TeC-441	eurysoloid A	
TeC-442	eurysoloid B	
TeC-443	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 1)	
TeC-444	erectascalarane A	
TeC-445	erectascalarane B	
TeC-446	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 2)	
TeC-447	gentianelloid C	
TeC-448	18-*epi*-gentianelloid C	
TeC-449	gentianelloid D	
TeC-450	18-*epi*-gentianelloid D	
TeC-451	gentianelloid E	
TeC-452	18-*epi*-gentianelloid E	
TeC-453	gentianelloid F	Immunosuppressive [275]
TeC-454	18-*epi*-gentianelloid F	
TeC-455	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 3)	
TeC-456	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 4)	Anti-inflammatory [288]

TeC-457	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 5)	Anti-inflammatory [288]
TeC-458	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 6)	
TeC-459	dysiscalarone D	
TeC-460	dysiscalarone E	
TeC-461	spectanoid H	
TeC-462	unnamed tetracarbocyclic sesterterpene (reported as compound 1)	
TeC-463	unnamed tetracarbocyclic sesterterpene (reported as sesteralterinderivative, compound 7)	Anti-microbial [289]
TeC-464	sesterviolene A	
TeC-465	deacetoxyscalarin	
TeC-466	sesterviolene C	
TeC-467	sesterviolene D	
TeC-468	12α-acetoxy-16β-hydroxy-20,24-dimethyl-25-norscalarane-18,24-carbolactone	
TeC-469	12-*O*-deacetyl-19α-methoxy-12-*epi*-scalarin	
TeC-470	25-dehydroxy-12-*epi*-deacetylscalarin	
TeC-471	hyrtiosin F	
TeC-472	hyrtiosin G	
TeC-473	12β,20β-dihydroxy-16α-methoxy-17-scalaren-19,20-olide	
TeC-474	12β,20α-dihydroxy-16β-methoxy-17-scalaren-19,20-olide	
TeC-475	12β,16β,20β-trihydroxy-17-scalaren-19,20-olide	
TeC-476	12β,19α(β)-dihydroxy-16α-methoxy-17-scalaren-19,20-olide	
TeC-477	12β,19α(β)-dihydroxy-16β-methoxy-17-scalaren-19,20-olide	
TeC-478	12β,19α-dihydroxy-14,15-dehydrate-17-scalaren-19,20-olide	
TeC-479	12-deacetyl-18-*epi*-carboxylic-12-*epi*-scalaral	
TeC-480	2-*O*-deacetyl-12,16-di-*epi*-norscalaral B	
TeC-481	phorone C	Pro-viral [190]
TeC-482	mangicdiene	
TeC-483	mangicol H	
TeC-484	mangicol I	
TeC-485	mangicol J	
TeC-486	mangicol K	
TeC-487	mangicol L	
TeC-488	phylloketal	
TeC-489	16-*epi*-scalarole (16-*epi*-scalarolbutenolide)	
TeC-490	sesteraltererol	
TeC-491	10,11-epoxysesteraltererol	
TeC-492	acetoxyphyllofolactone A	
TeC-493	12-deacetyl-3-oxoscalarin	
TeC-494	hyrtioscalarin A	
TeC-495	hyrtioscalarin B	
TeC-496	hyrtioscalarin C	
TeC-497	hyrtioscalarin D	
TeC-498	hyrtioscalarin E	
TeC-499	hyrtioscalarin F	
TeC-500	hyrtioscalarin G	
TeC-501	hyrtioscalarin H	
TeC-502	17(*R*),18(*S*)-dihydroxy-19(*R*),20(*S*)-dimethoxysesterstatin 5	
TeC-503	17(*R*),18(*S*)-dihydroxy-19(*R*),20(*R*)-dimethoxysesterstatin 5	
TeC-504	salmahyrtisol B*	
Tec-505	Bm2	
Tec-506	(17*Z*)-13,19-epoxycheilanth-17-en-6α-ol	
Tec-507	18-episcalar-16-ene-6α,19-diol	
Tec-508	16α,19-epidioxy-18-episcalar-17(25)-en-6α -ol	
Tec-509	unamed 5-8-6-6 tetracyclic sesterterpene (reported as compound 56)	
Tec-510	suberitenone E	
Tec-511	suberitenone F	Anti-viral [204]
Tec-512	suberitenone G	
Tec-513	suberitenone H	
Tec-514	suberitenone I	
Tec-515	suberitenone J	
Tec-516	phyllofenone F	

Tec-517	phyllofenone G	Anti-cancer [290]
Tec-518	phyllofenone H	
Tec-519	12-β-*O*-acetylhyrtiolide	Anti-cancer [194]
Tec-520	phyllofolactone N	
Tec-521	phyllofolactone O	
Tec-522	phyllofolactone P	
Tec-523	phyllofolactone Q	
Tec-524	phyllofolactone R	
Tec-525	phyllofolactone S	Anti-cancer [291]
Tec-526	phyllofolactone T	
Tec-527	hyrtiosin H	
Tec-528	hyrtiosin I	
Tec-529	hyrtiosin J	
Tec-530	phyllospongiane A	Anti-cancer [292], Anti-microbial [292]
Tec-531	phyllospongiane B	Anti-cancer [292], Anti-microbial [292]
Tec-532	phyllospongiane C	Anti-cancer [292]
Tec-533	phyllospongiane D	Anti-cancer [292], Anti-microbial [292]
Tec-534	phyllospongiane E	Anti-cancer [292]
Tec-535	sesterchaetin A	Anti-microbial [293]
Tec-536	sesterchaetin B	Anti-microbial [293]
Tec-537	bipoladien A	
Tec-538	bipoladien B	
Tec-539	emerindanol A	
Tec-540	emerindanol B	
Tec-541	felixin A	Anti-cancer [294]
Tec-542	lendenfeldarane V	
Tec-543	phyllofenone I	Anti-cancer [290], Anti-microbial [290]
Tec-544	phyllofenone J	Anti-cancer [290]
Tec-545	phyllofenone K	Anti-microbial [290]
Tec-546	phyllofenone L	Anti-cancer [290]
Tec-547	phyllofenone M	Anti-cancer [290]

Section 9. Biological activities of pentacarbocyclic (PC) sesterterpenoids (with and without hetherocycles)

c. n.	**IUPAC name or Trivial name**	**Bioactivity (reference)**
PC-1	quiannulatene	
PC-2	quiannulatic acid	
PC-3	(−)-*ent*-quiannulatene	
PC-4	(−)-retigeranin B	
PC-5	(+)-astallatene	
PC-6	(+)-boleracene	
PC-7	retigeranic acid A	
PC-8	astellatol	
PC-9	(+)-astellatene	
PC-10	12α-acetoxy-23,25-cycle-16β,25*Z*-dihydroxy-20,24-dimethyl-oxoscalarane	
PC-11	carteriofenone J	Anti-cancer [207]
PC-12	phyllofenone B	Anti-cancer [295]
PC-13	phyllofenone D	Anti-cancer [296]
PC-14	12β,22-dihydroxy-24-oxo-24-homoscalara-16,25(26)-diene	Anti-cancer [227]
PC-15	scalalactam C	
PC-16	scalalactam D	
PC-17	unnamed pentacarbocyclic sesterterpene (reported as compound 2)	
PC-18	12α-acetoxy-13β,18β-cyclobutane-20,24-dimethyl-24-oxoscalar-16-en-25α-ol	
PC-19	12α-acetoxy-13β,18β-cyclobutane-20,24-dimethyl-24-oxoscalar-16-en-25β-ol	Anti-cancer, Anti-microbial [230]
PC-20	carteriofenone E	
PC-21	carteriofenone F	
PC-22	carteriofenone G	
PC-23	carteriofenone H	
PC-24	phyllospongin D	Anti-cancer, Anti-microbial [230]
PC-25	phyllospongin E	Anti-cancer, Anti-microbial [230]
PC-26	isoartemisolide	Anti-inflammatory [297]
PC-27	toxistylide-A	

PC-28	toxistilyde-B	
PC-29	molliorin-d	
PC-30	unnamed pentacarbocyclic sesterterpene (reported as compound 4)	Anti-cancer [298]
PC-31	asperterpenoid A	Anti-microbial [299]
PC-32	retigeran-11-ol	
PC-33	4-hydroxyretigeran-11-ol	
PC-34	gypmacrophin A	
PC-35	peniroquesine A	
PC-36	peniroquesine B	
PC-37	peniroquesine C	
PC-38	aspterpenacid A	
PC-39	aspterpenacid B	
PC-40	aspterpenacid C	Anti-viral, Anti-inflammatory [300]
PC-41	asperunguisin B	
PC-42	honulactone A	Anti-cancer [253, 288]
PC-43	honulactone B	Anti-cancer [253]
PC-44	honulactone E	
PC-45	honulactone F	
PC-46	honulactone G	
PC-47	unnamed pentacarbocyclic sesterterpene (reported as compound 8)	
PC-48	unnamed pentacarbocyclic sesterterpene (reported as compound 10)	
PC-49	honulactone H	
PC-50	unnamed pentacarbocyclic sesterterpene (reported as compound 11)	
PC-51	unnamed pentacarbocyclic sesterterpene (reported as compound 12)	
PC-52	unnamed pentacarbocyclic sesterterpene (reported as compound 9)	
PC-53	bolivianine	
PC-54	isobolivianine	
PC-55	emervaridione	
PC-56	retigeranic acid B	
PC-57	8-*epi*-peniroquesine A	Anti-cancer [301]
PC-58	8-oxo-eniroquesine B	
PC-59	12-deoxy-16*S*-hydroxypeniroquesine B	
PC-60	12-deoxypeniroquesine A	
PC-61	12-deoxy-16*S*-hydroxypeniroquesine A	Anti-cancer [301]
PC-62	12-deoxy-22-oxo-16*S*-hydroxypeniroquesine A	
PC-63	8-deoxy-16*S*-hydroxypeniroquesine A	Anti-microbial [301]
PC-64	asperterpenoid B	Anti-microbial [302]
PC-65	asperterpenoid C	
PC-66	asperterpenoid D	
PC-67	asperterpenoid E	
PC-68	asperterpenoid F	
PC-69	asperterpenoid G	Anti-microbial [302]
PC-70	asperterpenoid H	Anti-microbial [302]
PC-71	asperterpenoid I	Anti-microbial [302]
PC-72	asperterpenoid J	
PC-73	asperterpenoid K	
PC-74	asperterpenoid L	
PC-75	asperterpenoid M	
PC-76	asperterpenoid N	
PC-77	asperterpenoid O	
PC-78	asperterpenoid P	
PC-79	preasperterpenoid A	
PC-80	18-*epi*-nitidasin	
PC-81	dysiscalarone A	
PC-82	dysiscalarone B	
PC-83	dysiscalarone C	
PC-84	12-deacetoxy-4-demethyl-11,24-diacetoxy-3,4-methylenedeoxoscalarin	
PC-85	neosuberitenone	Anti-viral [204]
PC-86	sestermobaraene A	
PC-87	sestermobaraene B	
PC-88	sestermobaraene C	
PC-89	sestermobaraene D	
PC-90	sestermobaraene F	
PC-91	sestermobaraol	

PC-92	niduene A	Anti-cancer [303]
PC-93	niduene B	
PC-94	niduene C	
PC-95	niduene D	
PC-96	niduene E	
PC-97	niduene F	
PC-98	unnamed pentacyclic sesterterpene	
PC-99	unnamed pentacyclic sesterterpene	
PC-100	unnamed pentacyclic sesterterpene	
PC-101	unnamed pentacyclic sesterterpene	
PC-102	unnamed pentacyclic sesterterpene	
PC-103	unnamed pentacyclic sesterterpene	
PC-104	unnamed pentacyclic sesterterpene	
PC-105	unnamed pentacyclic sesterterpene	

Section 10. Biological activities of hexacarbocyclic (HC) sesterterpenoids (with and without hetherocycles)

c. n.	**IUPAC name or Trivial name**	**Bioactivity (reference)**
HC-1	niduterpenoid A	Anti-cancer [304]
HC-2	niduterpenoid B	Anti-cancer [304]
HC-3	disidein	
HC-4	6’-bromo-disidein	
HC-5	6’-cloro-disidein	
HC-6	acanthosulfate	Enzyme Inhibitor (Proteasome) [305]
HC-7	oxaliterpenoid	
HC-8	subrutilane	

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