

PACN Biodiversity Conference Programme
 University of Nairobi, College of Biological and Physical Sciences,
 Chiromo Campus
 10-12 September 2008

Wednesday 10th September

08.00—9.00	Registration with tea/coffee
9.00—10.00	WELCOME AND INTRODUCTIONS , chair: Professor Shem Wandiga Vice Chancellor, UoN Minister of Environment or Minister S&T Opening Ceremony announcement of Ethiopian HUB Royal Society of Chemistry Professor Paul O'Brien, Chair of External Activities Board Andy Watt, Head of East and Central Africa, Syngenta
Session 1	African Biodiversity in a Global Context Session Chair: Professor Salifu
10.00—10.40	Plenary 1: Sebsebe Demissew , <i>National Herbarium, Addis Ababa University, Ethiopia</i> Title: <i>African Plant diversity: potentials and challenges</i>
10.40 – 11.00	Coffee Break
11.00 – 11.40	Plenary 2: John Pickett , <i>Rothamsted Research, UK</i> Title: <i>Exploiting diverse plants and their products to control pests of Agriculture, farm animals and human health</i>
11.40 – 12.00	Contributed 1: Mkabwa Manoko , <i>University of Dares Salaam, Tanzania</i> Title: <i>The need for conservation and sharing of benefits obtained from Africa</i>
12.00—12.20	Contributed 2: Zhou Leocadiah , <i>University of Fort Hare, South Africa</i> Title: <i>Tourism policy and biodiversity conservation and management: A case study of Kruger National Park, South Africa</i>
12.20—12.40	Contributed 3: Maud Kamatenesi , <i>Makerere University, Uganda</i> Title: <i>Indigenous knowledge of field insect pests and their management around Lake Victoria basin in Uganda</i>
12.40 – 14.00	Lunch
Session 1 Continuation	African Biodiversity in a Global Context Session Chair: Professor Charles Wambebe
14.00. – 14.40	Plenary 3: Berhanu Abegaz , <i>NABSA, University of Botswana, Botswana</i> Title: <i>Natural products research in Africa – Achievements of intra-African cooperation</i>
14.40 – 15.00	Contributed 4: Chifundera Kusamba , <i>University of Kinshasa, DRC Congo</i> Title: <i>Phytochemical screening and antivenomous activity of extracts from <i>Alchornea laxiflora</i> (Euphorbiaceae), a plant used in the traditional medicine from DR Congo</i>

15.00 – 15.20	Contributed 5: Firew Mekbib , <i>Harmaya University, Ethiopia</i> Title: Genetic erosion of sorghum in the center of diversity, Ethiopia: Five decade analysis
15.20 – 15.40	Coffee break
Session 1	African Biodiversity in a Global Context Session Chair: Professor Shem Wandiga
15.40—16.20	Plenary 4: A. B. Salifu , <i>Council Scientific and Industrial Research, Ghana</i> Title: <i>DG, Council Scientific and Industrial Research, Ghana</i>
17.15 – 18.30	Mixed Poster Session and Exhibition with Wine Reception Sponsored by: PACN Kenya Venue: UNES Cafeteria
	Free evening for delegates

Thursday 11th September

Session 2	Opportunities for African Natural Products in Health and Agriculture Session Chair: Professor Berhanu Abegaz
09.00 – 09.40	Plenary 5: Jacob Midiwo , <i>NAPRECA, University of Nairobi, Kenya</i> Title: <i>Natural products from plant biodiversity and neglected diseases</i>
09.40 – 10.20	Plenary 6: Charles Wambebe , <i>FAS, FTW, International Medical Research in Africa, Abuja, Nigeria</i> Title: <i>FRSC: Exploiting the therapeutic potentials of African medicinal plants</i>
10.20 – 10.40	Contributed 6: Joseph Magadula , <i>Muhimbili University of Health and Health Sciences, Tanzania</i> Title: <i>Bioactive natural products and herbal formulations from some medicinal plants growing in Tanzania</i>
10.40 – 11.00	Contributed 7: Lawrence Arot Manguro , <i>Maseno University, Kenya</i> Title: <i>Antifungal activity of drimane sesquiterpenes of Warburgia Ugandensis</i>
11.00 – 11.30	Morning Coffee
11.30 – 11.50	Contributed 8: Shadrack Mule , <i>University of Eastern Africa, Baraton, Kenya</i> Title: <i>Pollution of aquatic systems by cadmium and lead from Jua Kali metallurgical industries</i>
11.50 – 12.10	Contributed 9: Teresa Akeng'a , <i>Kigali Institute of Science and Technology, Rwanda</i> Title: <i>Biodiversity and health: Validation of herbal antimalarials from Lake Victoria region</i>
12.10 – 12.50	Plenary 7: John Clough , <i>Jealott's Hill, Syngenta UK</i> Title: <i>Natural products as leads for new and innovative crop protection chemicals</i>
12.50 – 14.15	Buffet Lunch/Posters and Exhibition At UNES Cafeteria

Session 3	Plant-derived sources of bio-energy and other natural resources Session Chair: Professor John Pickett
14.15 – 14.55	Plenary 8: Jeremy Woods , <i>Imperial College, London, UK</i> Title: <i>Bioenergy and Biodiversity: friends or foes?</i>
14.55 – 15.35	Plenary 9: Henry Mutembei , <i>ILRI, University of Nairobi, Kenya</i> Title: <i>Delivery of appropriate cattle genotypes to Eastern African smallholder farmers through in – vitro embryo production technologies</i>
15.35 – 15.55	Contributed 10: J. S. Nantongo , <i>Makerere University, Uganda</i> Title: <i>Genetic structure of Albizia gummifera: Implications for restoration in East Africa and Madagascar</i>
15.55– 16.25	Afternoon Tea
16.25 – 16.45	Contributed 11: John Bwire Ochola , <i>ICIFE, Kenya</i> Title: <i>Bioprospecting for insecticidal scorpion venom and identification of insect selective toxins</i>
16.45 – 17.05	Contributed 12: C. S. Shonhiwa , <i>Finealt Engineering, Zimbabwe</i> Title: <i>Jatropha biodiesels as an alternative transport fuel in Zimbabwe</i>
17.05 – 17.45	Plenary 10: Paulo Cezar Vieira , <i>Universidade Federal de Sao Carlos, Brazil</i> Title: <i>Biomass, bio-based products and bioenergy</i>
19.30	Conference Dinner (By ticket only) Venue to be confirmed

Friday 12th September

Session 4	Title: Environmental Chemistry--monitoring and maintaining Biodiversity Session Chair: Professor Jacob Midiwo
09.00 – 09.40	Plenary 11: Shem Wandiga , <i>University of Nairobi, Kenya</i> Title: <i>Water, water, anywhere and not a drop to drink</i>
09.40 – 10.20	Plenary 12: Michael Kishimba , <i>ANCAP, SETAC, University of Dar es Salaam, Tanzania</i> Title: <i>Environmental pesticide pollution in Tanzania</i>
10.20 – 10.40	Contributed 13: Mwansat Georgina , <i>APLORI, Nigeria</i> Title: <i>A. P. Leventis Ornithological research institute: West African foremost ornithological research center</i>
10.40 – 11.00	Contributed 14: Crispin Kowenje , <i>Maseno University, Kenya</i> Title: <i>Solid state spectroscopic detection of gaseous ammonia</i>
11.00 – 11.30	Morning Coffee

Session 4 Continuation	Title: Environmental Chemistry--monitoring and maintaining Biodiversity Session Chair: Dr Steve Smith
11.30 – 11.50	Contributed 15: Naftali Muriithi , <i>Kenyatta University, Kenya</i> Title: <i>Municipal Solid Waste as a resource and not as a waste</i>
11.50 – 12.10	Contributed 16: Hayder Abdelgader , <i>Agricultural Research Corporation, Sudan</i> Title: <i>Efforts to use soft pesticides for the control of cotton insect pests</i>
12.10 – 12.50	Plenary 13: Steve Lancaster , <i>Foundation for Analytical Science & Technology in Africa, East Yorkshire, UK</i> Title: <i>Vulture conservation provides a context for capacity-building</i> Sponsored by the RSC Analytical Chemistry Trust Fund
12.50 – 14.00	Lunch
Session 4 Continuation	Title: Environmental Chemistry--monitoring and maintaining Biodiversity Session Chair: Professor Shem Wandiga
14.40 - 15.20	Plenary 14: Morris Vernon , <i>NOAA Center for Atmospheric Sciences, Howard University, USA</i> Title: <i>Measurements of Saharan/Sahel climate, air quality and general air-borne biodiversity</i>
15.20 - 15.40	Contributed 17: Engdawork Admasu , <i>Bahir Dar University, Ethiopia</i> Title: <i>Levels of some nutrients and non essential metals in cow's whole milk from Addis Ababa, Ethiopia</i>
15.40 -16.00	Contributed 18: Muleya E. , <i>Midlands State University, Zimbabwe</i> Title: <i>An assessment of fluent treatment to reduce heavy metal levels in effluent from battery manufacturing concern</i>
16.00 –	Closing ceremony