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TWO POLYPHENOL-RICH BRAZILIAN FRUIT EXTRACTS PROTECT FROM DIET-INDUCED OBESITY AND HEPATIC STEATOSIS IN MICE

Cíntia Reis Ballard[1]; Elisvânia Freitas dos Santos[2]; Marie-Julie Dubois[3]; Geneviève Pilon[3]; Cinthia Baú Betim Cazarin[1]; Mário Roberto Maróstica Jr[1*]; Andre Marette[3]

[1] Department of Food and Nutrition, School of Food Engineering, University of Campinas, Campinas, 80 Monteiro Lobato, 13083-862, São Paulo, Brazil: cintia.reis.ballard@gmail.com; cbetim@unicamp.br; mario@fea.unicamp.br
[2] School of Pharmaceutical Sciences, Food and Nutrition, Federal University of Mato Grosso do Sul, Campo Grande, S/N Costa e Silva, 79070-900, Mato Grosso do Sul, Brazil: elisvania@gmail.com
[3] Quebec Heart and Lung Institute, Laval Hospital, Laval University, Quebec City, 2725 Sainte Foy, G1V 4G5, Quebec, Canada: Marie-Julie.Dubois@criucpq.ulaval.ca; Genevieve.Pilon@criucpq.ulaval.ca; Andre.Marette@criucpq.ulaval.ca

[*]Corresponding author: Department of Food and Nutrition, School of Food Engineering, University of Campinas, Campinas, Monteiro Lobato 80, 13083-862, São Paulo, Brazil. Email: mario@fea.unicamp.br

ELECTRONIC SUPPLEMENTARY INFORMATION

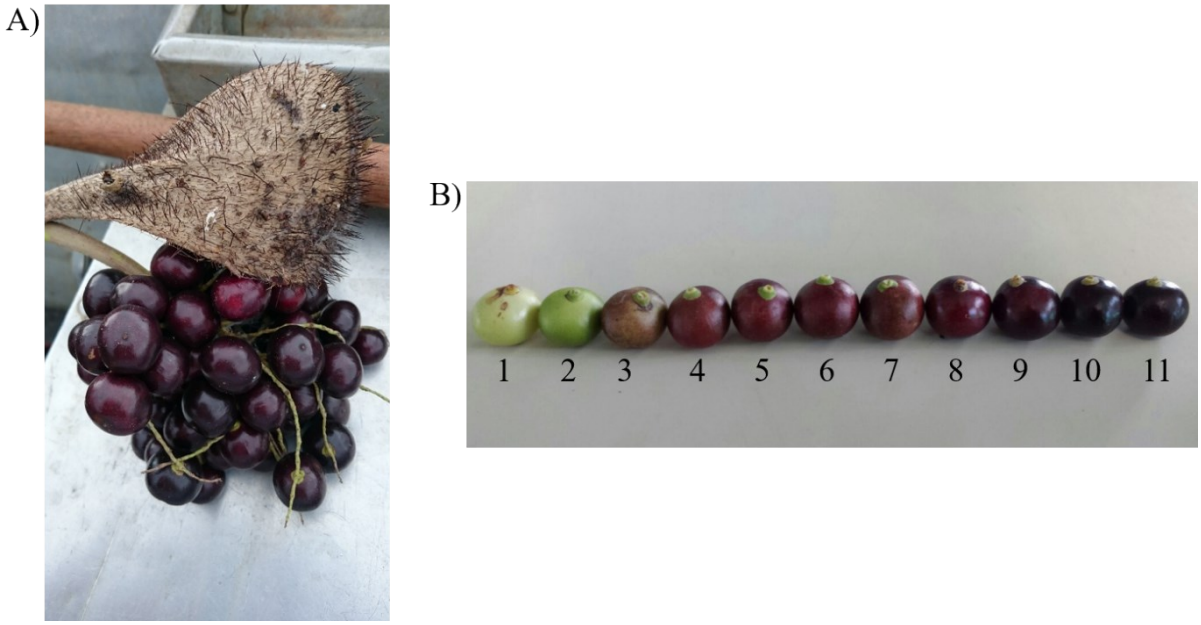

Fig. S1. A) Tucum-do-Pantanal (*Bactris setosa* Mart), B) Stages of fruit ripening (11 used in extract). Photograph by C. R. Ballard. Personal archive images of authors.

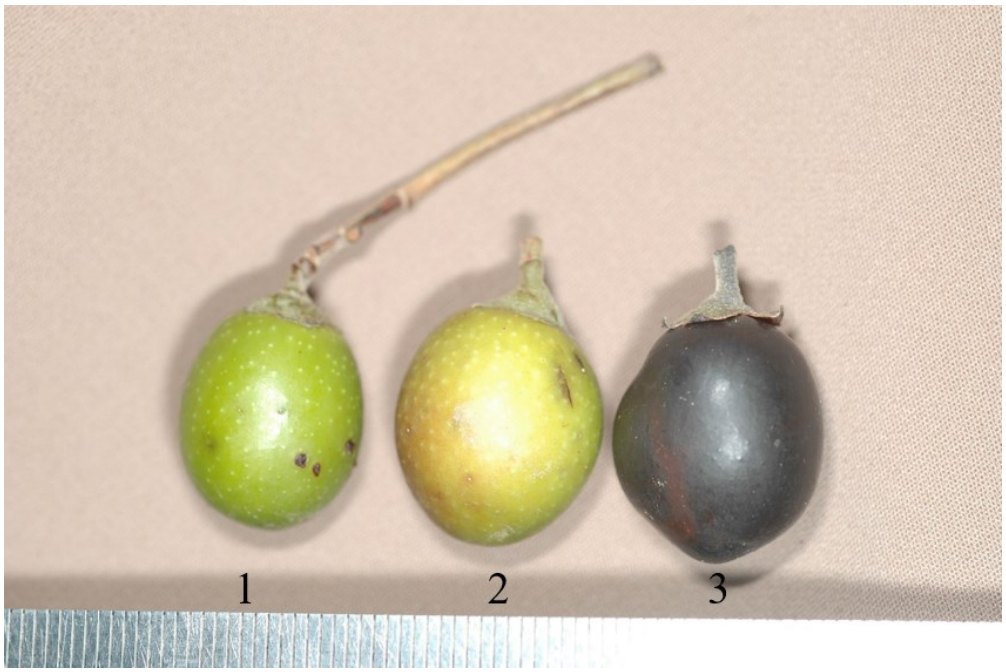

Fig. S2. Taruma-do-Cerrado (*Vitex cymosa* Bertero ex Spreng) in the stages of fruit ripening (ripe -3). Photograph by C. E. Timothy Paine. This work is licensed under the Creative Commons Attribution-Non Commercial 4.0 International License.

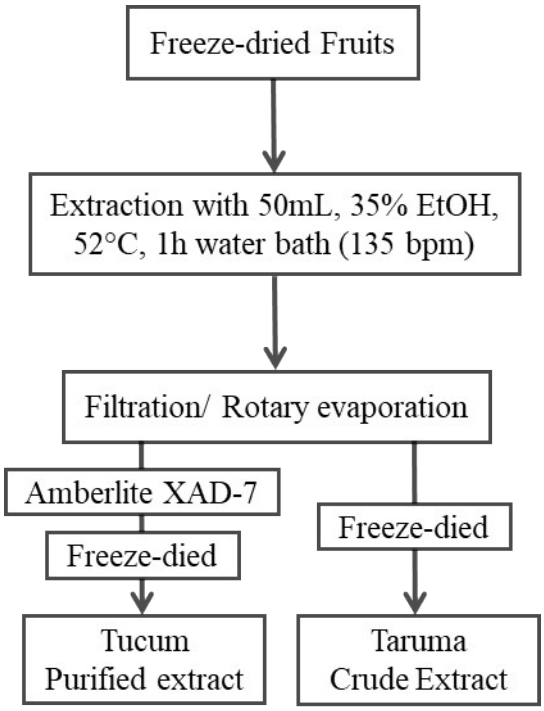

Figure S3. Flow chart of extract procedures

Table S1. Composition of experimental diets.

	LF*		HF**	
	gm%	kcal%	gm%	kcal%
Protein	19.2	20	24	20
Carbohydrate	67.3	70	41	35
Fat	4.3	10	24	45
Total		100		100
kcal/gm	3.85		4.73	
Ingredients	gm	kcal	gm	kcal
Casein. 30 Mesh	200	800	200	800
L-Cystine	3	12	3	12
Corn Starch	452.2	1808.8	72.8	291
Maltodextrin 10	75	300	100	400
Sucrose	172.8	691.2	172.8	691.2
Cellulose, BW200	50	0	50	0
Soybean Oil	25	225	25	225
Lard	20	180	177.5	1598
Mineral Mix S10026	10	0	10	0
DiCalcium Phosphate	13	0	13	0
Calcium Carbonate	5.5	0	5.5	0
Potassium Citrate, 1 H2O	16.5	0	16.5	0
Vitamin Mix V10001	10	40	10	40
Choline Bitartrate	2	0	2	0
FD&C Yellow Dye #5	0.04	0	-	-
FD&C Red Dye #40	0.01	0	0.05	0
Total	1055	4057	858.15	4057

*Research Diets #D12450H with 10% kcal% fat, LF, Low Fat.
**Research Diets #D12451 with 45% kcal fat, HFHS, High Fat

Table S2. Primer sequences

Gene	Forward (5'- 3')	Reverse (5' – 3')
Zo-1	ACCCGAAACTGATGCTGTGGATAG	AAATGGCCGGGCAGAACTTGTGTA
Ocln	TTTGGCTGCTCTTGGGTCTGTAT	ATGTCCGGCCGATGCTCTC
Actb	CTCTAGACTTCGAGCAGGAG	AGAGTACTTGCGCTCAGGAG