

Accepted Manuscript

Small Brazilian wild fruits: Nutrients, bioactive compounds, health-promotion properties and commercial interest

Iramaia Angélica Neri-Numa, Renata A. Soriano Sancho, Ana Paula Aparecida Pereira, Glaucia Maria Pastore



PII: S0963-9969(17)30733-0
DOI: doi:[10.1016/j.foodres.2017.10.053](https://doi.org/10.1016/j.foodres.2017.10.053)
Reference: FRIN 7101
To appear in: *Food Research International*
Received date: 30 May 2017
Revised date: 19 October 2017
Accepted date: 28 October 2017

Please cite this article as: Iramaia Angélica Neri-Numa, Renata A. Soriano Sancho, Ana Paula Aparecida Pereira, Glaucia Maria Pastore , Small Brazilian wild fruits: Nutrients, bioactive compounds, health-promotion properties and commercial interest. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Food Research International* (2017), doi:[10.1016/j.foodres.2017.10.053](https://doi.org/10.1016/j.foodres.2017.10.053)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Small Brazilian wild fruits: nutrients, bioactive compounds, health-promotion properties and commercial interest

Iramaia Angélica Neri-Numa*, Renata A. Soriano Sancho, Ana Paula Aparecida Pereira, Glaucia Maria Pastore

Department of Food Science, Faculty of Food Engineering, University of Campinas, Brazil

*Corresponding author (email): iramaianuma@gmail.com or iramaia@unicamp.br

Abstract

Brazilian berries present great nutritional, functional and economic characteristics comparable to temperate berries. They constitute an important innovation domain for the food, pharmaceutical and cosmetic industries, due to their positive health effects and market potential. The main objective of this review was to describe the physicochemical, nutritional and biological aspects of six Brazilian small native wild fruits from the Arecaceae (açai, buriti and pupunha), Mirtaceae (camu-camu and jaboticaba) and Malpighiaceae (murici) families, highlighting their antioxidant, anti-lipidaemic, anti-inflammatory, antiproliferative, and antigenotoxic potential amongst others. It also discussed some relevant topics for new studies that could be of benefit to industry and improve the local economy where these fruits are found. Thus, the dissemination of the works already carried out with these fruits strategically relevant can stimulate new lines of research to consolidate this new field for the food industries.

Keywords: *Euterpe oleraceae*, *Mauritia flexuosa*, *Bactris gasipes*, *Byrsonima verbascifolia*, *Myrciaria dúbia*, *Myrciaria cauliflora*.

Download English Version:

<https://daneshyari.com/en/article/8889663>

Download Persian Version:

<https://daneshyari.com/article/8889663>

[Daneshyari.com](https://daneshyari.com)