PLANT FACT SHEET

Opuntia leucotricha DC.

GENUS *Opuntia* **FAMILY** Cactaceae

COMMON NAMES Arborescent prickly pear, Durango giant prickly pear

EDIBLE PARTS AND USES

Edible parts: Fruit, Fruit - drink, stem

The fruit are eaten raw or made into a fermented drink.

DESCRIPTION

A tree like cactus. It grows 5 m tall. It has large flat pale green segments. The fruit can be white or red. They have a smell.

HABITAT

It is a tropical plant. It can grow in arid places. It grows in the desert or dry shrubland.

PICTURES



Credit: Food Plants International (Bruce French)

REFERENCES

Chavez-Santoscoy, R. A. et al, 2009, Phenolic Composition, Antioxidant Capacity and InVitro Cancer Cell Cytotoxicity of Nine Prickly Pear (Opuntia spp.) Juices. Plant Foods fod Nutrition 64:146-152

Facciola, S., 1998, Cornucopia 2: a Source Book of Edible Plants. Kampong Publications, p 65

Gallegos-Vazquez, C., et al, 2012, Morphological diversity of xoconostles (Opuntia spp.) or acidic cactus pears: A Mexican contribution to functional foods. Fruits, Vol. 67, p. 109-220 (Also as Opuntia durangensis)

Hernandez-Fuentes, A. D., et al, 2015, Physicochemical variability and nutritional and functional characteristics of xoconostles (Opuntia spp.) accessions from Mexico. Fruits, Vol. 70(2), p. 109-116 (As Opuntia durangensis)

Kermath, B. M., et al, 2014, Food Plants in the Americas: A survey of the domesticated, cultivated and wild plants used for Human food in North, Central and South America and the Caribbean. On line draft. p 587

Laferriere, J. E., et al, 1991, Use and Nutritional Composition of Some traditional Mountain Pima Plant Foods J. Ethnobiol. 11(1):93-114 (Figures on dry weight basis) (As Opuntia durangensis)

Mapes, C. & Basurto, F., 2016, Biodiversity and Edible Plants of Mexico. Chapter 5 in R. Lira, et al. (eds.), Ethnobotany of Mexico, Ethnobiology, Springer. p 96

Martin, F. W., et al, 1987, Perennial Edible Fruits of the Tropics. USDA Handbook 642 p 88

Mem. Mus. Hist. Nat. 17:119. 1828

Nabhan, G. P., et al, 2022, Reviving the Arid American Diet in the Face of Climate Change: Assessing its Composition, Links to the Mesomerican Diet and Potential to Advance Indigenous Health and Diabetes Prevention. International Journal of Water Resources and Arid Environments 11(2): 81-112 (Also as Opuntia durangensis)

Piedra-Malagón, E. M. et al, 2022, Edible native plants of the Gulf of Mexico Province. Biodiversity Data Journal 10: e80565 p 16

Segura, S. et al, 2018, The edible fruit species in Mexico. Genet Resour Crop Evol (2018) 65:1767–1793

Toensmeier, E., 2022, Trees with Edible Leaves. Perennial Agriculture Institute. p 45

World Checklist of Useful Plant Species 2020. Royal Botanic Gardens, Kew

PROVIDED BY **Food Plants International**

French, B.R. & Maynard, A.R. Food Plants International Database. Food Plants International

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ONLINE FACT SHEET https://www.echocommunity.org/en/resources/b354725b-2d34-43e0-86ce-5e64c08137b1