PLANT FACT SHEET

Cochemiea grahamii (Engelm.) Doweld

GENUS *Cochemiea* **FAMILY** Cactaceae

COMMON NAMES Pincushion cactus

EDIBLE PARTS AND USES

Edible parts: Fruit

The pulp of the fruit is eaten raw.

DESCRIPTION

A cactus. Plants are pale green and 15 cm high. They are 3.5-4.5 cm across. They usually occur in clusters. They have spirally arranged overlapping warts. The spine spots carry 18-30 white spines which radiate out. They are 1.2 cm long. There are 1-3 spines in the centre are almost black and 1.8 cm long. One of these is hooked. Several flowers appear. These come from the axils of the previous year's growth. The flowers are rose pink. They are 2.5 cm long by 2.8 cm wide.

HABITAT

It is a subtropical plant. It can grow in arid places. It needs full sunlight. It needs a temperature above 10°C.

NOTES

There are about 250-350 Mammillaria species. More than 100 have fruit used as human food.

REFERENCES

Andersohn, G., 1983, Cacti and Succulents. EP Publishing. p 69, 225 (As Mammillaria microcarpa)

Anderson, E.F., 2001, The Cactus Family, Timber Press. p 419 (As Mammillaria grahamii)

Anderson, M., 2002, The World Encyclopedia of Cacti and Succulents. Hermes House, New York. p 84 (Genus)

Desert Survivors Online Plant Database (As Mammillaria grahamii)

Felger, R.S., Ancient Crops for the Twenty first century, in Rickie, G.A., (ed), 1979, New Agricultural Crops, AAAS Selected Symposium 38. Westview Press, Colarado. p 10 (As Mammillaria microcarpa)

Innes, C. and Glass, C., 1997, The Illustrated Encyclopedia of Cacti. Sandstone Books. p 171 (As Mammillaria microcarpa)

MacMahon, J.A., 1990, Deserts. Audubon Society Nature Guides. Knopf. p 355 Plate 39 (As Mammillaria microcarpa)

Moerman, D. F., 2010, Native American Ethnobotany. Timber Press. p 335 (As Mammillaria grahamii)

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 (As Mammillaria grahamii)

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ONLINE FACT SHEET https://www.echocommunity.org/en/resources/45e59469-eb85-4bbb-8098-9bb632e8849c