PLANT FACT SHEET

Muehlenbeckia hastulata (Sm.) Johnst.

GENUS *Muehlenbeckia* **FAMILY** Polygonaceae

COMMON NAMES Quineo, Wirevine

EDIBLE PARTS AND USES

Edible parts: Fruit, Seeds, Leaves

The fruit are eaten raw.
The leaves and seeds are cooked and eaten.

DESCRIPTION

A climber. It grows 5 m long. The leaves are 1-4 cm long by 1-3 cm wide. They are a flattened round shape and heart shaped at the base. The flowers are green.

HABITAT

It grows in Subantarctic forest and Patagonian steppe near streams and rivers. It will grow in a range of different environments. It can grow in hot or cold places and in dry and wet areas. In Chile it grows between sea level and 2,500 m altitude. It grows in humid areas with constant rainfall. It suits hardiness zone 7. It can tolerate frosts and snow.

PRODUCTION

Harvesting and Seed Production

It grows very fast.

REFERENCES

A. L. P. P. de Candolle, Prodr. 14:148. 1856 (As Muehlenbeckia chilensis)

Barreau, A., et al, 2016, How Can We Teach Our Children if We Cannot Access the Forest? Generational Change in Mapuche Knowledge of Wild Edible Plants in Andean Temperate Ecosystems of Chile. Journal of Ethnobiology 36(2): 412–432

Chamorro, M. F., & Ladio, A., 2020, Native and exotic plants with edible fleshy fruits utilized in Patagonia and their role as sources of local functional foods. BMC Complementary Medicine and Therapies. 20:155

Cordero, S. E., Abello, L. A., & Galvez, F. L., 2017, Plantas silvestres comestibles y medicinales de Chile y otras partes del mundo. CORMA p 89

Daly, A. B., 20014, Narrating changing foodways: wild edible plant knowledge and traditional food systems in Mapuche lands of the Andean Temperate Forests, Chile. Masters Thesis Vancouver. p 45

Fouqué, A.. 1972, Espèces fruitières d'Amérique tropicale. Institut français de recherches fruitierès outre-mer (As Muehlenbeckia chilensis)

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 554

Ladio, A. H. & Lozada, M., 2000, Edible Plant Use in a Mapuche Community of North-western Patagonia, Human Ecology. Vol. 28, No. 1. pp. 53-71

Ladio, A. H., 2001, The Maintenance of Wild Edible Plant Gatherings in a Mapuche Community of Patagonia. Economic Botany, Vol. 55, No. 2, pp. 243-254

Ladio, A. H. and Lozada, M., 2003, Comparison of wild edible plant diversity and foraging strategies in two aboriginal communities of northwestern Patagonia. Biodiversity and Conservation 12: 937–951

Ladio, A., Lozada, M. & M. Weigandt, 2007, Comparison of traditional wild plant knowledge between aboriginal communities inhabiting arid and forest environments in Patagonia, Argentina. Journal of Arid Environments 69 (2007) 695–715

Leon-Lobos, P., et al, 2022, Patterns of Traditional and Modern Uses of Wild Edible Native Plants of Chile: Challenges and Future Perspectives. Plants (Basel) v 11 (6) Table S1

Plants for a Future database, The Field, Penpol, Lostwithiel, Cornwall, PL22 0NG, UK. http://www.scs.leeds.ac.uk/pfaf/ (As Muehlenbeckia chilensis)

Rapoport, E. H. & Ladio, A. H., 1999, Plantas comestibles. Bosque Volume 20 No. 2. ISSN 0314-8799

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