PLANT FACT SHEET

Rhynchosia totta (Thunb.) DC.

GENUS *Rhynchosia* **FAMILY** Fabaceae

COMMON NAMES Yellow carpet bean

EDIBLE PARTS AND USES

Edible parts: Root, Tuber

The root tuber is chewed for its sweet flavour. They can be eaten raw or roasted.

DESCRIPTION

A climbing herb. It has underground stems or rhizomes. It grows 1 m high. It has a tuberous rootstock and several thin stems. They can be covered with silvery or rusty hairs. The leaves have 3 leaflets. These can be 1-10 cm long by 3 cm wide. The flowers can occur singly or as a few in a group. They are yellow with red. The fruit are pods 2-4 cm long by 1 cm wide. The seeds are dark brown and kidney shaped. They are 3-5 mm long by 2-4 mm wide. There are several different varieties.

HABITAT

It is a tropical plant. It grows in sands. It grows between 10-2,090 m above sea level. It can grow in arid places.

NOTES

It is used in medicine.

REFERENCES

Fox, F. W. & Young, M. E. N., 1982, Food from the Veld. Delta Books. p 214

Grivetti, L. E., 1980, Agricultural development: present and potential role of edible wild plants. Part 2: Sub-Saharan Africa, Report to the Department of State Agency for International Development. p 65

Guillarmod, J., 1971,

Long, C., 2005, Swaziland's Flora - siSwati names and Uses http://www.sntc.org.sz/flora/

Matlhare, T., et al, Vegetables in Botswana. p 21 Bioversity website.

Peters, C. R., O'Brien, E. M., and Drummond, R.B., 1992, Edible Wild plants of Sub-saharan Africa. Kew. p 137

Prodr. 2:388. 1825

Royal Botanic Gardens, Kew (1999). Survey of Economic Plants for Arid and Semi-Arid Lands (SEPASAL) database. Published on the Internet; http://www.rbgkew.org.uk/ceb/sepasal/internet [Accessed 29th April 2011]

Ruiters-Welcome, A. K., 2019, Food plants of southern Africa. Ph.D. thesis. Univ. of Johannesburg p 60

Swaziland's Flora Database http://www.sntc.org.sz/flora

USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network - (GRIN). [Online Database] National Germplasm Resources Laboratory, Beltsville, Maryland. Available: www.ars-grin.gov/cgi-bin/npgs/html/econ.pl (10 April 2000)

van Wyk, Ben-Erik, 2019, The diversity and multiple uses of southern African legumes. Australian Systematic Botany, 2019, 32, 519–546

Welcome, A. K. & Van Wyk, B.-E., 2019, An inventory and analysis of the food plants of southern Africa. South African Journal of Botany 122 (2019) 136–179

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

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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/76621fc5-2f5b-4347-b58e-cfb4c5057e80