PLANT FACT SHEET

Phlogacanthus thyrsiflorus (Roxb. ex Hardw.) Nees

GENUS *Phlogacanthus* **FAMILY** Acanthaceae

COMMON NAMES Nongmangkha

EDIBLE PARTS AND USES

Edible parts: Flowers, Leaves

The flowers are cooked and used as a vegetable. They have a bitter taste. They can be stored for 7 days.
The leaves are also cooked, usually with dried fish.
The flowers are boiled or baked and used in chutney.

DESCRIPTION

A shrub. It grows to 2 m high. The branches are 4 angled. The leaves have stalks. The leaves are 15-20 cm long. They are unequal and sword shaped. They droop. The flowers are orange or red. They occur in compact, compound flower arrangements at the end of branches.

HABITAT

A subtropical plant. In Nepal it grows between 200-1700 m altitude.

PRODUCTION

Cultivation

Plants are grown from seed.

NOTES

There are about 30 Phlogacanthus species.

REFERENCES

Ambasta, S.P. (Ed.), 2000, The Useful Plants of India. CSIR India. p 446

Bandyopadhyay, S. et al, 2009, Wild edible plants of Koch Bihar district, West Bengal. Natural Products Radiance 8(1) 64-72

Baro, D., Baruah, S. and Borthukar, S. K. 2015, Documentation on wild vegetables of Baksa district, BTAD (Assam). Scholars Research Library. Archives of Applied Science Research, 2015, 7 (9):19-27

Dhyani, S.K., & Sharma, R.V., 1987, Exploration of Socio-economic plant resources of Vyasi Valley in Tehri Garwhal. J. Econ. Tax. Bot. Vol. 9 No. 2 pp 299-310

Dobriyal, M. J. R. & Dobriyal, R., 2014, Non Wood Forest Produce an Option for Ethnic Food and Nutritional Security in India. Int. J. of Usuf. Mngt. 15(1):17-37

Dutta, U., 2012, Wild Vegetables collected by the local communities from the Churang reserve of BTD, Assam. International Journal of Science and Advanced Technology. Vol. 2(4) p 122

Dutta, B., et al, 2016, Diversity and Ethnobotany of the Genus Phlogacanthus Nees in Assam, India. Int. J. Life. Sci. Scienti. Res., 2(4):472-477

Ethnobotany of Karbis. Chapter 4 in p 99

Gautam, R. S., et al, 2022, Ethnobotanical Review of Wold Edible Plants of Nepal. Journal of Natural History Museum Volume 32, 2021-22 p

Kar, A., & Borthakur, S. K., 2007, Wild vegetables sold in local markets of Karbi Anglong, Assam. Indian Journal of Traditional Knowledge. 6(1) January 2007, pp 169-172

Kayang, H., 2007, Tribal knowledge on wild edible plants of Meghalaya, Northeast India. Indian Journal of Traditional Knowledge. Vol. 6(1), January 2007, pp. 177-181

Konsam, S., et al, 2016, Assessment of wild leafy vegetables traditionally consumed by the ethnic communities of Manipur, northeast India. Journal of Ethnobiology and Ethnomedicine, 12:9

Lungphi, P., Wangpan, T. & Tangjang, S., 2018, Wild edible plants and their additional uses by the Tangsa community living in the Changlang district of Arunachal Pradesh, India. Pleione 12(2): 151 - 164. 2018.

Manandhar, N.P., 2002, Plants and People of Nepal. Timber Press. Portland, Oregon. p 356

Maikhuri, R, K, and Gangwar, A. K., 1993, Ethnobiological Notes on the Khasi and Garo Tribes of Meghalaya, Northeast India, Economic Botany, Vol. 47, No. 4, pp. 345-357

Mukhia, P.K., et al, 2013, Wild plants as Non Wood Forest Products used by the rural community of Dagana, a southern foothill district of Bhutan, SAARC Journal, 27 pages

Murtem, G. & Chaudhrey, P., 2016, An ethnobotanical note on wild edible plants of Upper Eastern Himalaya, India. Brazilian Journal of Biological Sciences, 2016, v. 3, no. 5, p. 63-81

Patiri, B. & Borah, A., 2007, Wild Edible Plants of Assam. Geethaki Publishers. p 96

Pegu, R., et al, 2013, Ethnobotanical study of Wild Edible Plants in Poba Reserved Forest, Assam, India. Research Journal of Agriculture and Forestry Sciences 1(3):1-10

Phangchopi, U., et al, 2015, Diversity of wild edible plants in Marat Longri Wildlife Sanctuary, Assam. Indian Journal of Natural Products and Resources Vol. 6(4), December 2015 pp. 305-313

Rijal, A., 2011, Surviving on Knowledge: Ethnobotany of Chepang community from mid-hills of Nepal. Ethnobotany Research & Applications 9:181-215

Saikia, M., 2015, Wild edible vegetables consumed by Assamese people of Dhemaji District of Assam, NE India and their medicinal values. Archives of Applied Science Research, 2015, 7 (5):102-109

Sangma, A. j. T., 2018, Non-timber forest products (NTFPs) used by Garo tribe of Rongram block in West Garo Hills, Meghalaya. Indian Journal of Traditional Knowledge Vol 18 (1), pp 151-161

Sarma, H., et al, 2010, Updated Estimates of Wild Edible and Threatened Plants of Assam: A Meta-analysis. International Journal of Botany 6(4): 414-423

Sawian, J. T., et al, 2007, Wild edible plants of Meghalaya, North-east India. Natural Product Radiance Vol. 6(5): p 420

Singh, B., et al, 2012, Wild edible plants used by Garo tribes of Nokrek Biosphere Reserve in Meghalaya, India. Indian Journal of Traditional Knowledge. 11(1) pp 166-171

Sundriyal, M., et al, 1998, Wild edibles and other useful plants from the Sikkim Himalaya, India. Oecologia Montana 7:43-54

Sundriyal, M., et al, 2004, Dietary Use of Wild Plant Resources in the Sikkim Himalaya, India. Economic Botany 58(4) pp 626-638

Teron, R. & Borthakur, S. K., 2016, Edible Medicines: An Exploration of Medicinal Plants in Dietary Practices of Karbi Tribal Population of Assam, Northeast India. In Mondal, N. & Sen, J.(Ed.) Nutrition and Health among tribal populations of India. p 148

Tewari, D.N., 1994, Important Plants of India. International Book Distributors, India. p 72

Thokchom, R., et al, 2016, Documentation and assessment of wild medicinal and edible flowers of valley districts of Manipur. International Journal of Research in Applied, Natural and Social Sciences. 4(11):13-20

N. Wallich, Pl. asiat. rar. 3:99. 1832

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