



PLANT FACT SHEET

Vachellia pennata (L.) Willd.

GENUS *Vachellia* FAMILY Fabaceae

COMMON NAMES Cha-om

EDIBLE PARTS AND USES

Edible parts: Leaves, Shoots, Pods, Vegetable, Bark

The young leaves are cooked as a vegetable. They are also used for flavouring. They are boiled with egg. They are used in soup.

The bark is chewed.

DESCRIPTION

A stout prickly shrub or climber. It can climb 10 m high. It is very prickly. The young branches are hairy. The leaves are twice divided. There are 8-18 pairs of pinnae and up to 50 pairs of pinna. The flowers are white or pale yellow. They are in large groups at the ends of branches. The fruit are thin flat pods.

HABITAT

A tropical plant. It grows in moister places. In XTBG Yunnan.

PRODUCTION

Harvesting and Seed Production

It is fast growing.

NOTES

There are about 1,350 Acacia species. Over 1,000 occur in Australia. The leaves are used in medicine. Also as Mimosaceae.

It can be invasive.

PICTURES



Credit: Food Plants International (Bruce French)

REFERENCES

- Awasthi, A.K., 1991, Ethnobotanical studies of the Negrito Islanders of Andaman Islands, India - The Great Andamanese. *Economic Botany* 45(2) pp274-280.
- Burkill, I.H., 1966, *A Dictionary of the Economic Products of the Malay Peninsula*. Ministry of Agriculture and Cooperatives, Kuala Lumpur, Malaysia. Vol 1 (A-H) p
- Cao, Y., et al, 2020, Ethnobotanical study on wild edible plants used by three trans-boundary ethnic groups in Jiangcheng County, Pu'er, Southwest China. *Journal of Ethnobiology and Ethnomedicine* (2020) 16:66
- Chiang Mai University Vol. 4, 1964, bio1080uu, Table 6 p 67
- Fu, Y., et al, 2003, Relocating Plants from Swidden Fallows to Gardens in Southwestern China. *Economic Botany* 57(3): 389-402
- Ghorbani, A., et al, 2012, A comparison of the wild food plant use knowledge of ethnic minorities in Naban River Watershed Nature Reserve, Yunnan, SW China. *Journal of Ethnobiology and Ethnomedicine*; 8:17
- Ghosh, A, 2014, Survey of Ethno-medicinal Climbing plants in Andaman and Nicobar Islands, India. *Int. J. of Pharm. Life Sci.* 5(7): July, 2014:3671-3677
- Guite, C., 2016, Study of wild edible plants associated with the Paite Tribe of Manipur, India. *International Journal of Current Research*. Vol. 8, Issue 11, pp. 40927-40932
- Johnson, N., 2002, Environmental Change in northern Thailand: Impact on Wild Edible Plant Availability. *Ecology of Food and Nutrition*, 41: 5, 373-399
- Kar, A., et al, 2013, Wild Edible Plant Resources used by the Mizos of Mizoram, India. *Kathmandu University Journal of Science, Engineering and Technology*. Vol. 9, No. 1, July, 2013, 106-126
- Karthi, Sathya, & Salome, 2014, Uncultivated Edible Greens from Small Millet Farms Tamil Nadu India. IDRC
- Luczaj, L., et al, 2021, Wild food plants and fungi sold in the markets of Luang Prabang, Lao PDR. *Journal of Ethnobiology and Ethnomedicine* (2021) 17:6
- Luo, B., et al, 2019, Wild edible plants collected by Hani from terraced rice paddy agroecosystem in Honghe Prefecture, Yunnan, China. *Journal of Ethnobiology and Ethnomedicine* 15:56
- Manandhar, N.P., 2002, *Plants and People of Nepal*. Timber Press. Portland, Oregon. p 67
- Maydell, H. von, 1990, *Trees and shrubs of the Sahel: their characteristics and uses*. Margraf. p 129
- McMakin, P.D., 2000, *Flowering Plants of Thailand. A Field Guide*. White Lotus. p 51
- Medhi, P. & Borthakur, S. K., 2012, Phytoresources from North Cachur Hills of Assam -3: Edible plants sold at Hflong market. *Indian Journal or Natural Products and Resources*. 3(1) pp 84-109 (As pinnata ?)
- Mishra, S. & Chaudhury, S. S., 2012, Ethnobotanical flora used by four major tribes of Koraput, Odisha, India. *Genetic Resources Crop Evolution* 59:793-804
- Nakahara, K. et al, 2002, Antimutagenicity of Some Edible Thai Plants, and a Biocative Carbazole Alkaloid, Mahanine, Isolated from *Micromelum minutum*. *Journal of Agricultural and Food Chemistry*. 50: 4796-4892
- Pham-Hoang Ho, 1999, *An Illustrated Flora of Vietnam*. Nha Xuat Ban Tre. p 826
- 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
- Phatlamphu, N., et al, 2021, Ethnobotany of edible plants in Muang District, Kalasin Province, Thailand, *Biodiversitas* Vol. 22, No. 12 pp 5432-5444
- Rao, M. L. S., et al, 2014, Indigenous Plant Foods which are commonly consumed by the tribal communities in Dumbiguda Area of Visakhapatnam District, Andhra Pradesh, India. *Biolife*. Vol 2, Issue 3
- Rasingam, L., 2012, Ethnobotanical studies on the wild edible plants of Irula tribes of Pillur Valley, Coimbatore district, Tamil Nadu, India. *Asian Pacific Journal of Tropical Biomedicine*. (2012) S1493-S1497
- Siemonsma, J. S. & Kasem Piluek, eds. 1993. *Vegetables*. In: *Plant Resources of South-East Asia (PROSEA)* 8:311

Sp. pl. 4(2):1090. 1806

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 153

Turreira Garcia, N., et al, 2017, Ethnobotanical knowledge of the Kuy and Khmer people in Prey Lang, Cambodia. Cambodian Journal of Natural History 2017 (1): 76-101

Xu, You-Kai, et al, 2004, Wild Vegetable Resources and Market Survey in Xishuangbanna, Southwest China. Economic Botany. 58(4): 647-667.

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