PLANT FACT SHEET

Uncaria gambir (W. Hunter) Roxb.

GENUS *Uncaria* **FAMILY** Rubiaceae

COMMON NAMES Gambir, Pale catechu

EDIBLE PARTS AND USES

Edible parts: Leaves - masticatory, Fruit - masticatory

It is chewed with betel leaf, betel nut and lime. The leaves are boiled and evaporated and the remaining gambir is chewed with betel nut.
The dried ripe fruit are chewed with betel quid.

DESCRIPTION

A woody climber. The young stems are square. The main stem has horizontal branches. The leaves are entire and oval. They are 6-15 cm long.

HABITAT

A tropical plant. In Indonesia it grows between 650-800 m above sea level. It needs continually wet conditions.

PRODUCTION

Harvesting and Seed Production

It takes 12-18 months before first harvest. It can continue growing for 60 years.

REFERENCES

Ambasta, S.P. (Ed.), 2000, The Useful Plants of India. CSIR India. p 660

Burkill, I.H., 1966, A Dictionary of the Economic Products of the Malay Peninsula. Ministry of Agriculture and Cooperatives, Kuala Lumpur, Malaysia. Vol 2 (I-Z) p 2238

Chai, P. P. K. (Ed), et al, 2000, A checklist of Flora, Fauna, Food and Medicinal Plants. Lanjak Entimau Wildlife Sanctuary, Sarawak. Forestry Malaysia & ITTO. p 164

Ecocrop. ecocrop.fao.org

Fl. ind. 2:126. 1824 [As gambir]

Hariyadi, B., 2008, The Entwined Tree: Traditional Natural Resource Management of Serampas, Jambi, Indonesia. Ph. D thesis. Univ. or Hawaii. p 403, 427

Hedrick, U.P., 1919, (Ed.), Sturtevant's edible plants of the world. p 664

Ong, H. C., Mojiun, P. F. J., & Milow, P., 2011, Traditional knowledge of edible plants among the Temuan villagers in Kampung Guntor, Negeri Sembilan, Malaysia. African Journal of Agricultural Research Vol. 6(8), pp. 1962-1965, 18 April, 2011

Purseglove, J.W., 1968, Tropical Crops Dicotyledons, Longmans. p 451

Smith, P.M., 1979, Gambier, in Simmonds, N.W., (ed), Crop Plant Evolution. Longmans. London. p 320

Wahyudi, 2017, Non-timber Forest Product (NTFP) Commodities Harvested and Marketed by Local People at the Local Markets in Manokwari - West Papua. Indonesian Journal of Forestry Research Vol. 4, No. 1, 27-35

Wiersema, J. H. & Leon, B., 2013, World Economic Plants. A Standard Reference CRC Press. 2nd Ed. p 705

Williams, C.N., Chew, W.Y., and Rajaratnam, J.A., 1989, Tree and Field Crops of the Wetter Regions of the Tropics. Longman, p 179

Zeven, A. C. & de West, J. M. J., 1982, Dictionary of cultivated plants and their regions of diversity. Wageningen. p 62

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