PLANT FACT SHEET

Baccaurea polyneura Hook. f.

GENUS *Baccaurea* **FAMILY** Phyllanthaceae

COMMON NAMES Jintek merah, Jintek-jintek

EDIBLE PARTS AND USES

Edible parts: Fruit, Seeds

The fruit are eaten raw. They can be sweet or sour.

DESCRIPTION

A tree. It grows 20-25 m tall. The trunk is 90 cm across. The leaves are oblong and 15 cm long by 6 cm wide. Trees are separately male and female. The flowers are yellow to green spikes. The fruit are small and hang in clusters from the branches in strings about 20 cm long. There are about 50 fruit. The fruit are 2 cm long. They turn yellow to orange when ripe. The pulp is deep orange and sweet. The flowering stalks are on the branches. Female stalks are 30 cm long. The fruit are oval. The flesh is edible. The fruit are yellow to orange when ripe.

HABITAT

A tropical plant. It grows in lowland forests up to 200 m altitude above sea level. It can be in swamp forests.

PRODUCTION

Cultivation

Plants can be grown from seed.

NOTES

There are about 80 Baccaurea species.

REFERENCES

Bircher, A. G. & Bircher, W. H., 2000, Encyclopedia of Fruit Trees and Edible Flowering Plants in Egypt and the Subtropics. AUC Press. p 51

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 283

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 167 (Also as Baccaurea hookeri)

Chiang Mai University Vol. 4 , 1964, bio1080uu, Table 6 p 58

Giesen, W., 2013, Paludiculture: sustainable alternatives on degraded peat land in Indonesia (revised draft) (As Baccaurea kunstleri)

Hanum, F. I., 1999, Plant Diversity and Conservation Value of Ayer Hitam Forest, Selangor, Peninsula Malaysia. Pertanika J. Trop. Agric. Sci. 22(2):73-83 (As Baccaurea kunstleri)

Hoe, V. B. & Siong, K. H., 1999, The nutritional value of indigenous fruit and vegetables in Sarawak. Asia Pacific J. Clin. Nutr. 8(1):24-31

Khoo, H. E., et al, 2008, Carotenoid Content of Underutilized Tropical Fruits. Plant Foods for Human Nutrition 63:170-175

Milow, P., et al, 2013, Malaysian species of plants with edible fruits or seeds and their evaluation. International Journal of Fruit Science. 14:1, 1-27 (Also as Baccaurea hookeri and Baccaurea kunstleri)

Prosea No. 2 (As Baccaurea kunstleri)

Septiani, Y. & Sidabutar, H., (Eds.) 2015, Biodiversity Survey. In the Sub Watershed Embaloh, Betung Kerihun National Park. ITTO p 82

Siong, K. H., 2003, Indigenous Fruits of Sarawak. ITTO & Sarawak Forest Department. p 56 (As Baccaurea hookeri)

Slik, F., www.asianplant.net

Sukarya, D. G., (Ed.) 2013, 3,500 Plant Species of the Botanic Gardens of Indonesia. LIPI p 146

Suwardi, A. B., et al, 2020, Wild edible fruits generate substantial income for local people of the Gunung Leuser National Park, Aceh Tamiang Region. Ethnobotany Research & Applications 20:11

Suwardi, A. B., et al, 2020, Ethnobotany and conservation of indigenous edible fruit plants in South Aceh, Indonesia. Biodiversitas Vol. 21, No. 5, pp 1850-1860

Suwardi, A. B. et al, 2022, Importance and local conservation of Wild Edible Fruit Plants in the East Aceh Region, Indonesia. International Journal of Conservation Science 13(1):221-232

Suwardi, A.B., et al, 2023, The diversity and regional conservation status of wild edible fruit species in Sumatra, Indonesia. Biodiversitas Vol. 24 No. 6. pp 3245-3257

Uji, T., 2007, Species diversity of indigenous fruits in Indonesia and its potential. Biodiversitas, 8 (2): 157-167 (Also as Baccaurea kunstleri)

Verheij, E. W. M. and Coronel, R.E., (Eds.), 1991, Plant Resources of South-East Asia. PROSEA No 2. Edible fruits and nuts. Pudoc Wageningen. p 320

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

www.nationalherbarium.nl/thaueuph/ Flora of Thailand.

Zawiah, N. & Othaman, H., 2012, 99 Spesies Buah di FRIM. Institut Penyelidikan Perhutanan Malaysia. p 50 and p 48 (As Baccaurea kunstleri)

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