PLANT FACT SHEET

Mangifera minor Blume

GENUS *Mangifera* **FAMILY** Anacardiaceae

COMMON NAMES Wild mango, Green mango

EDIBLE PARTS AND USES

Edible parts: Fruit

The fruit is peeled and eaten.

DESCRIPTION

A large tree often 10-15 m tall but can be up to 30 m tall. The trunk can be 30-120 cm across. It can have buttresses. It has a thick round crown of leaves. Leaves are more narrow than the cultivated mango. They are 10-22 cm long by 3-6 cm wide. The leaves are dark green and shiny on top but paler and smooth underneath. They are papery. The leaf stalk is 1-3 cm long. The flowers occur on the ends of branches in a much branched flower arrangement. These stalks are 30 cm long. The individual flowers are small. The flowers have a scent. Fruit are yellow green and flattened at the sides and with one large seed inside. They are smaller than mango. They can be 6-10 cm long by 4-7 cm wide. The fruit have stringy flesh. It is edible. The stone is very fibrous.

HABITAT

A tropical plant. It occurs mainly in the lowlands and foothills below 750 m altitude but grows up to 1900 m altitude. It occurs as scattered individuals. It prefers damp, even wet ground. It is common near the foreshore. They grow in the humid tropics.

PRODUCTION

Cultivation

Trees grow from seed both as wild and cultivated plants.

Harvesting and Seed Production

Plants fruit September to November.

NOTES

There are about 40 Mangifera species.

PICTURES



Credit: Food Plants International (Bruce French)

REFERENCES

Blench, R., 2004, Fruits and Arboriculture in the Indo-Pacific Region. Indo-Pacific Prehistory Association Bulletin 24. (Taipei Papers Volume 2) p 38

Borrell, O.W., 1989, An Annotated Checklist of the Flora of Kairiru Island, New Guinea. Marcellin College, Victoria Australia. p 49

Flavelle, A. J., 1991, A Traditional Agroforestry Landscape on Fergusson Island, Papua New Guinea. M. Sc. Univ. of British Columia. p 181

French, B.R., 1986, Food Plants of Papua New Guinea, A Compendium. Asia Pacific Science Foundation p 207

French, B.R., 2010, Food Plants of Solomon Islands. A Compendium. Food Plants International Inc. p 261

Havel, J.J., 1975, Forest Botany, Volume 3 Part 2 Botanical taxonomy. Papua New Guinea Department of Forests, p 149

Henning, B. M., 2014, The Diversity of Conservation: Exploring Narratives, Relationships and Ecosystem Services in Melanesian Market-based Biodiversity Conservation. Ph D dissertation, Uni of Minnesota.

Kebler, P.J.A., et al, Checklist of Woody Plants of Sulawesi, Indonesia. Blume Supplement 14

Peekel, P.G., 1984, (Translation E.E.Henty), Flora of the Bismarck Archipelago for Naturalists, Division of Botany, Lae, PNG. p 324, 325

Plants of Papua New Guinea LAE herbarium record

PROSEA (Plant Resources of South East Asia) handbook, Volume 2, 1991, Edible fruits and nut. p 203

Sukarya, D. G., (Ed.) 2013, 3,500 Plant Species of the Botanic Gardens of Indonesia. LIPI p 381

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

Walter, A. & Sam C., 2002, Fruits of Oceania. ACIAR Monograph No. 85. Canberra. p 280

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

PROVIDED BY **Food Plants International**

French, B.R. & Maynard, A.R. Food Plants International Database. Food Plants International

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