PLANT FACT SHEET

Shorea seminis (de Vriese) Sloot.

GENUS *Shorea* **FAMILY** Dipterocarpaceae

COMMON NAMES Ayer balau tree

EDIBLE PARTS AND USES

Edible parts: Fruit - oil, Seeds - fat

DESCRIPTION

A large tree. It grows about 60 m tall. The trunk is 130 cm across. The stem has resin. The branches are about 25-30 m above the ground. It can have buttresses 2.5 m tall. The leaves are alternate and simple. They are oblong to sword shaped and 9-18 cm long by 3-8 cm wide. They are thinly leathery with 9-15 pairs of secondary veins. The flowers are about 3 cm across. They are yellow and in groups in the axils of leaves or towards the ends of branches. The fruit are about 1 cm across. They are yellow-brown. They have 3 longer calyx lobes 10 cm long by 1 cm wide and 2 shorter lobes.

HABITAT

It is a tropical plant. It grows in mixed forests up to 300 m above sea level. It can be up to 1,000 m above sea level. It is usually on alluvial sites. It is often along rivers.

PRODUCTION

Cultivation

Plants can be grown from seeds and also from stem cuttings.

REFERENCES

Ashton, P.S., 1982, Dipterocarpaceae in Flora Malesiana 9(2) p 451

Blicher-Mathiesen, U., 1994, Borneo Illipe, A Fat Product from Different Shorea spp. (Dipterocarpaceae). Economic Botany Vol. 48, No. 3, pp. 231-242

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 171

Coolen, Q. T., 2013, The Illipe nut (Shorea spp.) as additional resource in plantation forestry. Van Hall Larenstein University and Sarawak Forestry.

MacKinnon, K., The Ecology of Kalimantan. p 711

Menninger, E.A., 1977, Edible Nuts of the World. Horticultural Books. Florida p 30

Slik, F., www.asianplant.net

Sukarya, D. G., (Ed.) 2013, 3,500 Plant Species of the Botanic Gardens of Indonesia. LIPI p 511

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

LICENCE CC BY-NC-SA 3.0

ONLINE FACT SHEET https://www.echocommunity.org/en/resources/2f36ac3d-0b96-4c8f-a732-91bc59abff5d