PLANT FACT SHEET

Schismatoglottis calyptrata (Roxb.) Zoll. & Moritzi

GENUS *Schismatoglottis* **FAMILY** Araceae

COMMON NAMES Drop tongue

EDIBLE PARTS AND USES

Edible parts: Leaves, Roots, Flowers, Fruit

The tubers are boiled twice. Sometimes the second boiling is in coconut milk.
The leaves are also cooked and eaten. The flowers can be cooked and eaten.
The berries are cooked and eaten.

DESCRIPTION

A herb. It is a taro family plant without stems but a long, stout rhizome. It is 30-60 cm high. The leaves are oval with heart shaped bases. The leaf is 20 cm long by 13 cm wide. It has up to 20 pairs of side veins. The leaf stalk is 30 cm long. It has a sheath near the base. The large leaf like structure around the flower is 6-7 cm long. It is constricted at the middle. The flower stalk is almost equally divided between male and female flowers. After maturity the male part falls off.

HABITAT

A tropical plant. It is common in humid places in Papua New Guinea. It occurs in sago-palm mangrove locations. It suits shady places. It grows in dense tropical forests, under forest or on rocks between 740-880 m in China. It grows along streams. In Java it grows up to 1,500 m above sea level.

PRODUCTION

Cultivation

Plants can be grown from sections of the rhizome or underground stem. They can also be grown from seeds.

NOTES

There are 100-120 Schismatoglottis species.

PICTURES



Credit: Food Plants International (Bruce French)



Credit: Food Plants International (Bruce French)



Credit: Food Plants International (Bruce French)



Credit: Food Plants International (Bruce French)

REFERENCES

Altschul, S.V.R., 1973, Drugs and Foods from Little-known Plants. Notes in Harvard University Herbaria. Harvard Univ. Press. Massachusetts. no. 124

Ambasta S.P. (Ed.), 2000, The Useful Plants of India. CSIR India. p 556

Bodner, C. C. and Gereau, R. E., 1988, A Contribution to Bontoc Ethnobotany. Economic Botany, 43(2): 307-369

Borrell, O.W., 1989, An Annotated Checklist of the Flora of Kairiru Island, New Guinea. Marcellin College, Victoria Australia. p 17, 157

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 2009

Chiang Mai University Vol. 4 , 1964, bio1080uu, Table 6 p 48

Heyne, K., 1927, p 422

Johns, R.J. & Hay, A., 1976, Monocotyledons of Papua New Guinea. Part 1 , Forestry College Bulolo, PNG p 73

Kuo, W. H. J., (Ed.) Taiwan's Ethnobotanical Database (1900-2000), http://tk.agron.ntu.edu.tw/ethnobot/DB1.htm

Kuo, W. H. J., (Ed.) Taiwan's Ethnobotanical Database (1900-2000), http://tk.agron.ntu.edu.tw/ethnobot/DB1.htm (As Colocasia kotoensis)

Li Heng, Araceae, Flora of China

Lim, T. K., 2015, Edible Medicinal and Non Medicinal Plants. Volume 9, Modified Stems, Roots, Bulbs. Springer p 75

Maghirang, R. G., et al, 2018. Ethnobotanical Studies of Some Plants Commonly Used as Vegetables in Selected Provinces of the Philippines. Journal of Nature Studies. 17(2), 30-43. (As Schismatoglottis sp.)

Martin, F.W. & Ruberte, R.M., 1979, Edible Leaves of the Tropics. Antillian College Press, Mayaguez, Puerto Rico. p 176

Mot So Rau Dai an Duoc O Vietnam. Wild edible Vegetables. Ha Noi 1994, p 186

Ochse, J.J. et al, 1931, Vegetables of the Dutch East Indies. Asher reprint. p 60

Ogle, B. M., et al, 2003, Food, Feed or Medicine: The Multiple Functions of Edible Wild Plants in Vietnam. Economic Botany 57(1): 103-117

Peekel, P.G., 1984, (Translation E.E.Henty), Flora of the Bismarck Archipelago for Naturalists, Division of Botany, Lae, PNG. p 70, 71

PROSEA handbook Volume 9 Plants yielding non-seed carbohydrates. p 189

Putra, H. F. & Mustaqim, W. A., 2021, Diversity, conservation, potential uses, and alien species of lowland
plants of Batang Toru, Sumatra, Indonesia. Biodiversitas Vol. 22 No. 3 pp 1580-1591

A. Moritzi et al., Syst. Verz. 83. 1846

Sukarya, D. G., (Ed.) 2013, 3,500 Plant Species of the Botanic Gardens of Indonesia. LIPI p 1134

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/bc8e7cc7-dcf8-4cc6-8588-c839f16490ae