PLANT FACT SHEET

Pinus sabiniana Douglas ex D. Don

GENUS *Pinus* **FAMILY** Pinaceae

COMMON NAMES Digger pine, Gray pine

EDIBLE PARTS AND USES

Edible parts: Seeds, Nuts, Cones, Gum, Leaves - tea

The seeds are eaten raw or roasted. It can be ground into meal.
The soft centre of the green cones is roasted and eaten.
The leaves are used for tea.

DESCRIPTION

A medium sized tree. It grows 21 m high and spreads 6 m wide. The crown is irregular in shape. The trunk is often forked. The trunk is often free of branches for considerable height. The leaves are grey-green and are drooping. They can be 17-32 cm long. The cones are large up to 15-25 cm long. They can remain on the tree for 7 years after the nuts have fallen. The cones have heavy spikes. The seeds are edible. The seeds are 2 cm long.

HABITAT

It is a temperate plant. It is drought tolerant. It can grow in cold climates down to -7°C. It does best with hot dry summers. It suits hardiness zones 7-11. Hobart Botanical gardens.

PRODUCTION

Cultivation

Plants can be grown by seeds.

Harvesting and Seed Production

It is fairly fast growing and fairly short lived.

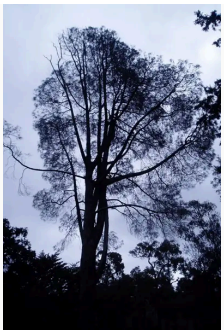
NOTES

There are over 100 species of Pinus.

PICTURES



Credit: Food Plants International (Bruce French)



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REFERENCES

Ambasta, S.P. (Ed.), 2000, The Useful Plants of India. CSIR India. p 459

Beckstrom-Sternberg, Stephen M., and James A. Duke. "The Foodplant Database." http://probe.nalusda.gov:8300/cgi-bin/browse/foodplantdb. (ACEDB version 4.0 - data version July 1994)

Bocek, B. R., 1984, Ethnobotany of Costanoan Indians, California, Based on Collections by John P. Harrington. Economic Botany 38(2): 240-255

Brickell, C. (Ed.), 1999, The Royal Horticultural Society A-Z Encyclopedia of Garden Plants. Convent Garden Books. p 803

Ciesla, W.M., 1998, Non-wood forest products from conifers. Non-wood forest products 12, FAO, Rome, p 72

Cundall, P., (ed.), 2004, Gardening Australia: flora: the gardener's bible. ABC Books. p 1050

Elias, T.S. & Dykeman P.A., 1990, Edible Wild Plants. A North American Field guide. Sterling, New York p 193

Esperanca, M. J., 1988. Surviving in the wild. A glance at the wild plants and their uses. Vol. 1. p 308

Facciola, S., 1998, Cornucopia 2: a Source Book of Edible Plants. Kampong Publications, p 171

Glowinski, L., 1999, The Complete Book of Fruit Growing in Australia. Lothian. p 134

Hall, N. et al, 1972, The Use of Trees and Shrubs in the Dry Country of Australia, AGPS, Canberra. p 398

Hedrick, U.P., 1919, (Ed.), Sturtevant's edible plants of the world. p 498

Hibbert, M., 2002, The Aussie Plant Finder 2002, Florilegium. p 235

Kermath, B. M., et al, 2014, Food Plants in the Americas: A survey of the domesticated, cultivated and wild plants used for Human food in North, Central and South America and the Caribbean. On line draft. p 662

Krochmal, A. & Krochmal, C., 1982, Uncultivated Nuts of The United States. United States Department of Agriculture Forest Service. p 68

A. B. Lambert, Descr. Pinus ed. 3, 2: unnumbered page between 144 and 145, t. 80. 1832

Lyle, S., 2006, Discovering fruit and nuts. Land Links. p 328

Menninger, E.A., 1977, Edible Nuts of the World. Horticultural Books. Florida p 155

Moerman, D. F., 2010, Native American Ethnobotany. Timber Press. p 412

Plants for a Future database, The Field, Penpol, Lostwithiel, Cornwall, PL22 0NG, UK. http://www.scs.leeds.ac.uk/pfaf/

Phillips, R. & Rix, M., 2002, The Botanical Garden Vol. 1. Trees and Shrubs. MacMillan. p 50

Saunders, C.F., 1948, Edible and Useful Wild Plants. Dover. New York. p 75

Tozer, F., 2007, The Uses of Wild Plants. Green Man Publishing. p 146

Wickens, G.E., 1995, Edible Nuts. FAO Non-wood forest products. FAO, Rome. p176

Yanovsky, E., 1936, Food Plants of the North American Indians. United States Department of Agriculture Miscellaneous Publication No 237. Washington, D.C.

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

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