

Proteaceae

Banksia integrifolia ssp *integrifolia* coastal banksia



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ETYMOLOGY

(BANK-see-a) After Joseph Banks who travelled with Captain Cook to Australia 1770; The species/subspecies *integrifolia* (in-teh-gree-FO-llee-ah) from Latin entire leaves; referring to entire margins of the adult leaves:

LIFEFORM

STATUS

Tree 5-25 m x 2 m Spread Longevity: 100-150 years

Protected by Qld Species Conservation Act 1995 and *Banksia scrub* Endangered Ecological Community under NSW Threatened Species Act. Restricted to near-coastal areas east coast Qld, NSW, Port Phillip Bay Victoria.

OCCURS

Bribie Island Q, Gordon's Bay NSW, Mornington Peninsula Vic, King Island Tas

QLD DISTRICTS

Burnett, Darling Downs, Moreton, North/South Kennedy. Port Curtis, Wide Bay

HABITAT

Coastal sand dunes

LEAVES

Alternate, 4-10 cm x 12 mm, oblong-lanceolate, leathery, flat, dull green, above, white below, raised midvein underside on 4-6 mm stalks.

FLOWERS

Spikes, 15 x 6 cm, cylindrical, dense bottlebrush-shape yellow, sessile covering of brown woolly hairs; **Flowering times** Jan, Feb, March, April, May, June, July, Aug

FRUIT

Cones, 8-13 x 8-10 mm, grey woody multiple follicles, gap (valves) widely after released two-winged seed; Remains on tree for long time; **Fruiting times** Nov, Dec

BARK

Slightly rough light grey many lenticels when young, later rough tessellated or fissured.

STEM

Erect shrub; branchlets brown ribbed with light covering of very short close brown hair

ETHNOBOTANY

Florist use cut flowers and dry leaves in flower trade; Bark used for tanning; Cones (old flowers) impregnated with fat used as night light, burns slowly, Timber for cabinets, panelling, fancy work, turnery. *Apis mellifera* (Honey Bee) for honey production.

WILDLIFE

Important source of nectar for honeyeaters, native bees, butterflies in heathland. Grey Headed Flying-fox, Qld Blossom Bat.

NATIVE BEES

Homalictus urbanus

INSECTS

Cyrioides imperialis, *Paroplites australis*, *Cerambycid longicorn Beetle*; *Xylorycta strigata*, *Aleurocanthus banksiae*, *Coptotermes acinaiformis* (Termites) *Psaltoda harris* (Cicada), *Arunta perulata*;

MISTLETOES:

Amyema congener.

BIRD

Scarlet Honeyeater, Blue-faced Honeyeater, White-naped Honeyeater, Brown Honeyeater, Rainbow Lorikeet, Scaly-Breasted Lorikeet, Noisy Miner, Noisy Friarbird, Eastern Spinebill, Blue-faced Honeyeater, Brush Wattlebird, Yellow-tailed

INDIGENOUS USES

Nectar from flowers sucked or soaked in water (make into a syrup) to treat for sore throats and colds.

ID FEATURE

Leaves dull dark green above, white below leathery serrated; Slim yellow bottlebrushes + old fruit retained seed cones