

## *Gillbeea adenopetala* F.Muell.

### Family:

Cunoniaceae

Mueller, F.J.H. von (1865) *Fragmenta Phytographiae Australiae* 5: 17. Type: In silvis ad sinum Rockingham Bay, D'Entrecasteaux

### Common name:

Pink Alder; Alder, Pink

### Stem

Lenticels usually quite visible and numerous. Blaze darkens on exposure. Bark or 'gum veins' often visible in transverse sections of the stem.

### Leaves

Leaflet blades about 6-15 x 2.5-5 cm. Undersurface glabrescent, relatively shiny, with scattered hairs on main veins. Stipules large relatively narrow and weakly dentate, about 6-10 x 3-4 mm with a conspicuous midrib. Stipules held more or less at right angles to the twig to form a skirt or flange.

### Flowers

Flowers about 6-8 mm diam. Each petal truncate or bilobed at the apex, usually tipped with two glands. Stamens ten, dimorphic, the longer ones alternating with the petals. Disk orange-yellow, quite large and conspicuous.

### Fruit

Fruits glabrous, 3-winged, rarely 4-winged, fruits + wings about 20 x 15 mm. Wings conspicuously reticulately veined.

### Seedlings

Cotyledons oblong, about 10-14 x 3-6 mm, hairy on the upper surface, stipules 2 and deeply bifid in very young growth, soon becoming 4. At the tenth leaf stage: leaf blade obovate, margin serrate; hairy on the upper surface; stipules 4, shortly petiolate, margins serrate; petiole and stem densely hairy. Seed germination time 14 to 25 days.

### Distribution and Ecology

Endemic to NEQ and widely distributed throughout the area south from Julatten. Altitudinal range from near sea level to 1200 m. Grows in well developed rain forest on a variety of rock types but tends to be more common along creeks and gullies.

### Natural History & Notes

Not normally used for sawlogs as trees may have lenses of included bark.

Wood specific gravity 0.53. Cause et al. (1989).

### RFK Code

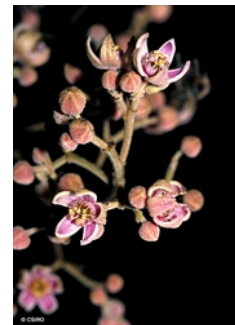
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Flower and buds. © Barry Jago



Flower. © Stanley Breiden



Flowers. © CSIRO



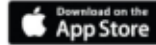
Leaves, inflorescences and flowers. © CSIRO



Fruits. © CSIRO



Fruit, side view. © W. T. Cooper



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