

Cathormion umbellatum subsp. *moniliforme* (DC.) Brummitt

Family:

Fabaceae

Brummitt, R.K. (1970) *Kew Bulletin* 24: 231.

Common name:

Cathormion

Stem

Smaller trees have very thorny stems. Larger trees have very coarsely flaky bark, individual bark flakes up to 20 x 10 cm.

Leaves

Leaflet blades +/- sessile, about 2.1-4.3 x 0.9-2.7 cm, increasing in size towards the apex of the secondary axis.

Flowers

Individual flowers on distinct pedicels about 3-4 mm long. Umbel peduncles about 2-4.5 cm long. Staminal filaments about 15-20 mm long.

Fruit

Pods flat, about 10-20 cm long, constricted between the seeds, breaking into one seeded segments at maturity.

Seedlings

Cotyledons fleshy without visible venation. At the tenth leaf stage: leaflets unequal-sided at the base, increasing in size towards the apex of the secondary axis; aborted shoots become thorns about 1 cm long; numerous small, pale lenticels present on the stem. Seed germination time 6 to 58 days.

Distribution and Ecology

Occurs in WA, NT, CYP and NEQ. Altitudinal range quite small, from sea level to 100 m. Grows in monsoon forest and other closed forests, usually on heavy soils which are periodically flooded, also found in closed forests near the sea often near mangroves or salt pans. Also occurs in Asia and Malesia.

Synonyms

***Cathormion umbellatum* var. *moniliforme* (DC.) Brummitt**, *Kew Bulletin* 24: 231(1970). ***Inga monilifera* Decne.**, *Nouvelles Annales du Museum d'Histoire Naturelle, Paris ser. 3, 3* : 459(1835), Type: *Inga monilifera* DC. [presumably referring to *Inga moniliformis* DC.]. ***Feuilleea monilifera* (Decne.) Kuntze**, *Revisio Generum Plantarum* 1: 188(1891). ***Pithecellobium moniliferum* (Decne.) Benth.**, *Hooker's London Journal of Botany* 3 : 211(1844). ***Cathormion moniliferum* (Decne.) Hassk.**, *Retzia sive Observationes Botanicae, quas in primis in horto botanico Bogoriensi mensibus Februario ad Julium 1855* 1: 231(1855). ***Cathormion umbellatum* (Vahl) Kosterm.**, *Bulletin of the Organisation for Scientific Research in Indonesia No. 20* : 12(1954). ***Albizia moniliforme*(DC.) F.Muell.**, *Journal of Botany* 10 : 10(1872). ***Inga moniliformis* DC.**, *Prodr.* 2: 440(1825), Type: Timor, Collector unknown; holo: G-DC; iso: K. Fide R. S. Cowan (1998).

RFK Code

642



Leaves and flowers. © Australian Plant Image Index (APII).
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Fruit [not vouchered]. © G. Sankowsky



Scale bar 10mm. © CSIRO



Cotyledon and 1st leaf stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO



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