

Bossiaea arenicola J.H.Ross

Family:
Fabaceae

Ross, J.H. (1991) *Muelleria* 7(3): 371. Type: Qld, Cook Dist., 4.3 km E of the Hopevale-Stärke road on the track to the McIvor River mouth, 14.vi.1984, J.R.Clarkson 5322; holo: MEL.

Stem

Seldom exceeding 30 cm dbh. Living bark layer thin. Dead bark layered.

Leaves

Leafy twigs and leaf stalks clothed in pale hairs. Stipules small. Leaf blades about 1-2 x 0.8-2 cm, usually alternate and not spirally arranged on the twigs.

Flowers

Calyx lobes five, three small and two larger. Standard about 15 mm long, orange towards the base, enveloping the other petals at the flower bud stage. Stamens 10.

Fruit

Pods flat, about 1.6-2.6 x 1-1.3 cm, transversely wrinkled. Seeds +/- transverse.

Seedlings

Cotyledons obovate, about 5-6 x 3 mm, 3-veined, apex obtuse, base cuneate, purple on the underside. First pair of leaves elliptic, apex obtuse, base obtuse. At the tenth leaf stage: leaf blade broadly heart-shaped to orbicular; petiole distinctly pulvinate, i.e. with a distinct, almost right angled kink before its attachment to the leaf blade; stipules very small. Seed germination time 50 to 147 days.

Distribution and Ecology

Occurs in CYP and NEQ, found in sand dunes close to sea level. Grows in monsoon forest, beach forest or heathy vegetation on sand dunes.

RFK Code

682



Leaves and fruit. © CSIRO



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO

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