

Argyrodendron actinophyllum subsp. *diversifolium* L.S.Sm.

Family:

Malvaceae

Smith, L.S. (1969) *Contributions from the Queensland Herbarium* 6: 17. Type: Eungella Range, Bee Creek and Crediton, M.S. Clemens (holotypus, BRI. 064183).

Common name:

Blackjack; Mackay Tulip Oak; Oak, Mackay Tulip; Oak, Tulip; Tulip Oak; Crowsfoot Elm

Stem

Outer blaze with pink to red fibrous stripes and white or cream, granular stripes. Blaze finely layered. Bark rather hard to cut.

Leaves

Normally five leaflets in each compound leaf. Leaflet blades about 7-16 x 2-5.2 cm. Lower surface of the leaflet blades densely covered with small scales of varying sizes. Midrib raised in a groove on the upper surface of the leaflet blade. Lateral veins about 12-20 on each side of the midrib. Leaf bearing twigs with numerous, pale brown, vertically elongated lenticels. Stipular scars quite obvious. Twig bark strong and fibrous when stripped.

Flowers

Outer surface of the flower buds clothed in brown or pale brown scales. Flowers about 10-13 mm diam. Inner surface of the perianth tube tuberculate. Anthers about 15 per flower.

Fruit

Basal, i.e. globular part of the fruiting carpel +/- smooth, clothed in brown scales. Fruiting carpel + wing about 7-8 cm long.

Seedlings

Cotyledons thick and fleshy, without venation. First pair of leaves +/- ovate, pale brown on the underside. At the tenth leaf stage: leaflet blades about five, glabrous on the upper surface but pale brown on the lower surface from scales; midrib and main lateral veins raised on the upper surface; petiole and terminal bud clothed in stellate scales; stipules triangular, about 5 mm long, clothed mainly in scales but also with scattered, stellate hairs. Seed germination time 16 to 21 days.

Distribution and Ecology

Endemic to Queensland, occurs in NEQ and CEQ. Altitudinal range in NEQ from 500-700 m. Grows in well developed upland rain forest.

RFK Code

1031



Flowers. © G. Sankowsky



Flowers. © G. Sankowsky



Leaves and flowers. © G. Sankowsky



10th leaf stage. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



Scale bar 10mm. © CSIRO



Habit, flower. © CSIRO

