

Catalepidia heyana (F.M.Bailey) P.H.Weston

Family:

Proteaceae

Weston, P.H. (1995) *Flora of Australia* 16: 499.

Common name:

Oak, Hey's Nut; Hey's Nut Oak

Stem

Seldom exceeding 30 cm dbh. Oak grain in the wood and a corresponding pattern in the inner blaze.

Leaves

Oak grain in the twigs. Leaf blades about 8-33 x 1.5-6.5 cm. Petioles about 0.6-1.5 cm long, swollen at their junction with the twig. Midrib raised on the upper surface. Intramarginal vein quite well developed.

Flowers

Flower bracts about 0.5 mm long. Common peduncle about 3-5 mm long. Tepals glabrous outside, about 20-25 mm long. Hypogynous glands patelliform, four. Ovary sessile, glabrous. Ovules 2.

Fruit

Fruits +/- globular, about 2-3 cm diam.

Seedlings

About 8 cataphylls are present before the first true leaf is produced. At the tenth leaf stage: leaf blade narrowly elliptic, midrib raised on the upper surface. Seed germination time 22 days.

Distribution and Ecology

Endemic to NEQ, known only from collections made from the Windsor Tableland, the Mt Spurgeon-Mt Lewis area, Mt Isley and the Boonjee area. Altitudinal range from 700-1200 m. Grows as an understory tree in upland and mountain rain forest.

Synonyms

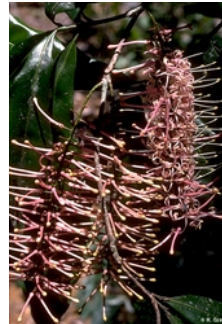
Macadamia heyana (Bailey) Sleumer, *Blumea* 8: 5(1955). *Helicia heyana* F.M.Bailey, *The Queensland Flora* 4: 1329(1901), Type: Palm Camp, Bellenden Ker, Bail. (Bellenden Ker Exped., 1889).

RFK Code

491



Flowers. © CSIRO



Flowers. © B. Gray



Fruit and seed. © W. T. Cooper



Fruit. © CSIRO



Scale bar 10mm. © CSIRO



Cotyledon and 10th leaf stage, hypogeal germination. © CSIRO

