Dysoxylum pumilum Mabb.

**Family:**
Meliaceae


**Stem**
Flowers and fruits as a shrub or small tree about 5-6 m tall.

**Leaves**
Compound leaf rhachis +/- convex on the upper surface and projecting beyond the point of attachment of the terminal pair of leaflets. Leaflets about 3-6 in each compound leaf, leaflet blades variable in size, often quite large, up to 15-20 x 7-9 cm. Many streaky or comet-shaped oil dots visible with a lens. Lateral veins about 9-15 on each side of the midrib. Terminal buds clothed in short, fine +/- prostrate pale coloured hairs.

**Flowers**
Calyx short, lobes about 4 mm long, fused to form a shallow cup, lobes +/- obtuse. Outer surface of the corolla clothed in pale, prostrate hairs. Corolla about 7 mm long. Stamens eight, filaments fused to form a tube which surrounds the short cup-shaped disk which in turn surrounds the ovary. Anthers about 1 mm long, attached to the inner surface of the staminal tube. Ovary pubescent. Style about 5-6 mm long, pubescent towards the base.

**Fruit**
Fruits +/- depressed, globular, about 40 x 60 mm, outer surface glabrous. Fruits green at maturity when splitting to release the seeds. Seeds almost completely enclosed in an orange-brown sarcotesta at maturity. Cotyledons dark green.

**Seedlings**
First leaf glabrous, +/- ovate, about 9-10 x 4-5 cm, with a pulvinus at the petiole-leaf blade junction. At the tenth leaf stage: compound leaf ending in a leafless tip or scar, leaflet blades and petiole +/- glabrous, leaflets very shortly stalked, oil dots readily visible with a lens and almost visible to the naked eye. Terminal bud clothed in short pale +/- prostrate hairs. Seed germination time 27 to 63 days.

**Distribution and Ecology**
Endemic to NEQ, known from a small area near the base of Mt Bartle Frere on the Russell River catchment (Gosschalk Logging Area), and from a small area near the Mossman River in Daintree National Park. Altitudinal range probably quite small, from 200-400 m. Grows in well developed undisturbed lowland rain forest.

**Synonyms**
*Dysoxylum* sp. Gosschalk LA (BG 786) [Provisional Phrase Name]

**RFK Code**
1098

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