**Geosiris australiensis** B.Gray & Y.W.Low

**Family:**
Iridaceae


**Stem**
Plant perennial, achlorophyllous, mycoheterotrophe, 50-120 mm high, with slender, simple or rarely branched, purplish, stems arising from an underground rhizome c. 20-60 mm long with several tuber like thickened sections. Roots filiform arising from rhizome tubers.

**Leaves**
Leaves scale-like, 3-4.5 mm long, clasping the stem, pale creamy mauve.

**Flowers**
Inflorescence a headlike (possibly a contracted rhipidium) with 1-3 subsessile flowers opening sequentially; floral bracts membranous, maroon. Flowers erect, actinomorphic and opening widely, c. 15-16 mm diameter, very pale mauve to white, bright orange in the throat of the perianth tube. Perianth tube 2.1-2.3 mm long. Tepals lanceolate-elliptic to narrowly obovate, 6-7 × 3.5-4 mm, spreading. Stamens 3, filaments included in perianth tube, filiform, free, c. 1.8 mm long. Anthers c. 1.5 mm long, basifixed, coherent and clasping style. Ovary ovoid c. 2.1-2.2 mm long. Style erect, 4.7-4.8 mm long, fusiform above the anthers and triangular in cross section but becoming only slightly triangular at the apex and finely fringed.

**Fruit**
Capsules not seen.

**Seedlings**
Features not available.

**Distribution and Ecology**
Endemic to NEQ, where it is only known from Daintree National Park. Altitudinal range from 175-1254 m. Occurs in rainforest.

**RFK Code**
6055
Habit with underground rhizome; stigma with truncate apex; side view of unopened flower; cross-section of unopened flower. Illustration from Candollea 72 (2017)