

D-13: Biology of a gall midge *Procontarinia* Keifer and an associated hymenopteran parasitoid on leaves of *Polyalthia longifolia* (Sonnerat) Thwaites var. *decumbens* in Jaffna peninsula

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Galls found on leaves of *Polyalthia longifolia* (Sonnerat) Thwaites var. *decumbens* were inhabited by a gall midge belonging to the genus *Procontarinia* Keifer. The galls were distributed equally on the upper and lower surface of the leaf blade, 7-9 per surface, and 2.85 mm (average) in diameter.

The egg of the midge was small, elongate, 1.1 mm (average) long and white in colour. The larva was white in colour, 2.08 mm long and 1.18 mm wide (average). The pupa, 3.0 mm long and 1.04 mm wide (average) was provided with a sharp mandible. The adult midge was 3.32 mm long and 1.52 mm wide (average) and was light yellow in colour.

The midge was parasitized by a hymenopteran parasitoid, *Platygaster* Latreille, of the family Platygasteridae, with the adult male 1.18 mm long and 0.48 mm wide (average) and female 1.58 mm long and 0.66 mm wide. The antenna was 10-segmented and the ovipositor 0.09 mm long.

Platygaster sp. had been previously reported parasitizing *Procontarinia* sp. in leafgalls of *Magnifera indica* from Jaffna peninsula.