

SUMMARY

***Etlingera acanthodes* exploration and its potential
essential oils in Lore Lindu National Park**



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Exploration and Expedition

Location: Lore Lindu National Park, Central Sulawesi



Picture: Exploration process

Morphological Character



Figure: Leaf, rizhome, stem and flower of *Etlingera doliiformis*

Morphological Character: Stem up to 2 m. **Rhizome** 1.5-2 cm diameter, 10-20 cm above ground, green-maroon. **Leafly shoots** up to 2 m- long, with 18-22 leaves. **Lingule** bilobed, 5 mm long. **Lamina** sessile, green upper leaf, red lower leaf. **Inflorescent** arising from rhizome, up to 20 cm long, many flowers. Staminal tube 10-11 mm long, white; labellum ovate, 10-11 x 9-10 mm, pink. lateral lobes erect, covering the stamen, margin undulating; stamen 6 mm long; filament 0.5-1 x 2-2.5 mm, white; anther pink-white; style 2.5 cm long, glabrous; stigma 1.5-1.8 mm wide.

Essential Oils Component

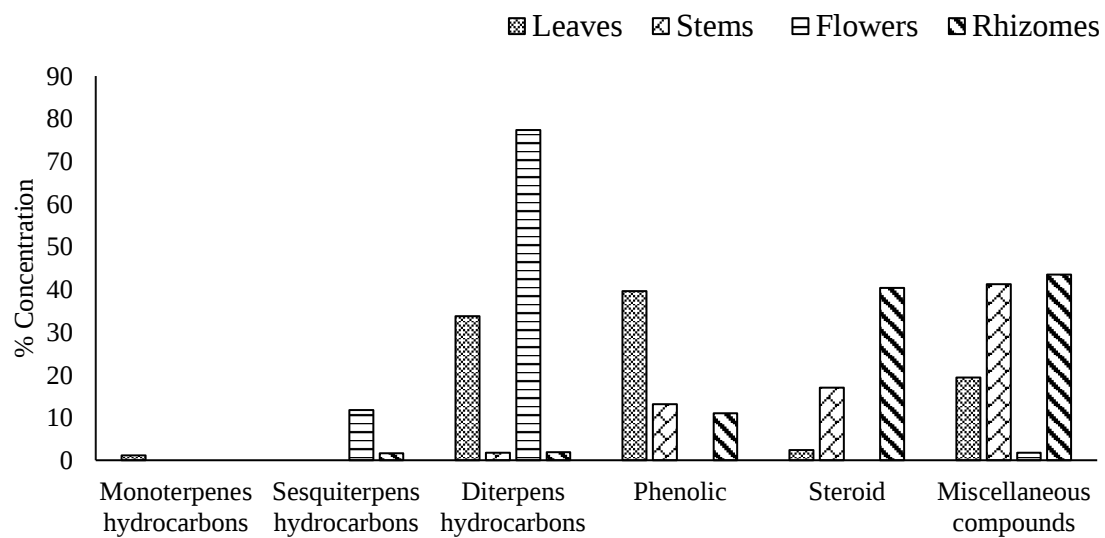


Figure 3: Essential oils component form organ of *E. acanthodes*