

1. Genus: *Malleola* J.J.Sm. & Schltr.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Malleola* J.J.Sm. & Schltr.

3. Species:

Global: 34

India: 1

4. Taxonomic riddles:

5. Distribution:

**Global:** Bangladesh, Bismarck Archipelago, Borneo, Cambodia, Caroline Is., China South-Central, China Southeast, East Himalaya, Fiji, Hainan, India, Jawa, Laos, Lesser Sunda Is., Malaya, Maluku, Myanmar, Nepal, New Guinea, Philippines, Queensland, Samoa, Santa Cruz Is., Solomon Is., Sri Lanka, Sulawesi, Sumatera, Thailand, Tibet, Tonga, Vanuatu, Vietnam, Wallis-Futuna Is.

**India:** Andaman & Nicobar Islands, Arunachal Pradesh, Kerala, Tamil Nadu, Assam, Mizoram, Sikkim, West Bengal

6. Habit and Habitat: Epiphytic herb

7. Economic Importance:

8. DNA content range:

Methodology

**9. Basic chromosome number(s):**

**10. Zygotic chromosome number(s):**

**11. Gametic chromosome number(s):**

**12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/  
Neocentric chromosomes):**

**13. Ploidy level**

**14. Nature of polyploidy (auto, segmental, allo, autoallo):**

**15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):**

**16. Karyograms:**

**Meiosis:**

**17. Banding pattern(s):**

bands<sup>121</sup>

**18. Physical mapping of chromosomes:**

**GISH:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**

**22. Any other information:**