

# Genus Datasheet

**Datasheet No. A-066.003**  
(family,genus,species)

**DBT- Network Programme**

**1. Genus:***Molineria*Colla.

**2. Systematic position:APG IV; Bentham and Hooker:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocot
- Order: Hypoxidales
- Family: Hypoxidaceae
- Genus: *Molineria*Colla.

**Bentham and Hooker (1862)**

- Kingdom: Plantae
- Division: Phanerogams
- Class: Monocotyledons
- Series: Epigynae
- Ordo: Hypoxidaceae
- Genus: *Molineria*Colla.

**3. Species:**

**Global:**07

**India:** 03

**4. Taxonomic riddles:**

**5. Distribution:**

**Global:**Southern China, Indian subcontinent, Myanmar, Thailand, Laos, Vietnam, Malaysia, Indonesia, Philippines, Peninsular India and Sri Lanka

**India:**Assam, Meghalaya, Kerala, Southwards to Peninsular India, Subtropical Himalayas

**6. Habit and Habitat:**Herb

**7.Economic Importance:**

**8. DNA content range:**

2C:

4C:

**Methodology**

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

**10. Zygotic chromosome number(s):**  $2n=18^{1,2,3,4,5,6,7}$

**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):**

**18. Physical mapping of chromosomes:GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:**

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

**21. Linkage map:**

**22. Any other information:**