

# Species Datasheet

Datasheet No. A-066.003.003  
(family.genus.species)

DBT- Network Programme

**1. Taxon:** *Molineria* Colla

Species: *Molineria trichocarpa* (Wight) Bennet&Raiz.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

**2. Synonyms:** *Curculigo finlaysoniana* (Baker) Wall. ex Hook.f., *Curculigo leptostachya* (Wight) Alston, *Curculigo trichocarpa* (Wight) Bennet&Raizada, *Hypoxis brachystachya* Wight, *Hypoxis latifolia* Wight, *Hypoxis leptostachya* Wight, *Hypoxis pauciflora* Wight, *Hypoxis trichocarpa* Wight, *Molineria finlaysoniana* Baker, *Molineria leptostachya* (Wight) Abeyw.

**3. Systematic Position: APG IV; Bentham and Hooker:**

**APG IV (2016)**

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

**Bentham and Hooker (1862)**

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

**4. Distribution:**

**Global:** Peninsular India and Sri Lanka

**India:** Kerala

**5. Indigenous/Exotic/Endemic; Cultivated/Wild:** Herb

**6. Threat Status:**

IUCN

BSI

**7. Habit and Habitat:** Herb

**8. Life Form:** Perennial

**9. Economic Importance:**

**10. Probable Progenitor of:**

**11. DNA**

**C-value Methodology:**

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

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

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

**15. Specialized chromosomes (B chromosomes/Sex chromosomes/polytene chromosomes/Neocentric chromosomes):**

Image file

**16. Ploidy level:**

Image file

**17. Agametoploidy:**

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

**19. Genomic formula:**

**20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**21. Somatic chromosomes:**

**Karyotype:**

**Chromosome size:**

**NOR chromosome(s):**

**Degree of asymmetry:**

Image file

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

Image file

**23. Physical mapping of chromosomes:**

**In situ hybridization**

Image file

**Fluorescent in situ hybridization**

Image file

**24. Genomic in situ hybridization:**

Image file

**25. Linkage map:**

Image file

**26. Chromosome associations:**

**Female meiosis:**

**Male meiosis:**

Image file

**27. Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level:**

Image file

**DNA level**

**29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):**