

# Genus Datasheet

Datasheet No. A-100.001  
(family,genus,species)

DBT- Network Programme

1. Genus:*Flagellaria* L.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: FlagellariaceaeDumort.
- Genus: *Flagellaria* L.
- Species: *F. indica* L.

Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Coronarieae  
Ordo: Flagellarieae  
Genus: *Flagellaria* L.  
Species: *F. indica* L.

3. Species:

Global:4

India: 1

4. Taxonomic riddles:

5. Distribution:

**Global:** Andaman Island, Australia, Bangladesh, Bismarck Archipelago, Borneo, Burma, Cambodia, Cambodia, Caroline Island, China, Fiji, Hainan, India, Japan, Jawa, Lesser Sunda Island, Madagascar, Malaya, Maldives, Maluku, Marianas, Mauritius, Mozambique, Myanmar, Nansei-shoto, New Caledonia, New Guinea, Nicobar Island, Norfolk Island, Northern Territory, Philippines, Queensland, Réunion, Rodrigues, Santa Cruz Island, Seychelles, Solomon Island, Sri Lanka, Sulawesi, Sumatera, Taiwan, Tanzania, Thailand, Vietnam, Wallis-Futuna Is, Western Australia

**India:** Throughout India (along coastal region)

6. Habit and Habitat:Perennial climber. Found in moist littoral forests, mangrove swamps, freshwater swamps

7.Economic Importance:

8. DNA content range:

2C:

4C:

Methodology

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

**10. Zygotic chromosome number(s):**  $2n=38^{1,2,3,4}$

**11. Gametic chromosome number(s):**  $n=19^2$

**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:**