

Species Datasheet

Datasheet No. A-100.001.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Flagellaria indica* L.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Flagellaria angustifolia* Wall., *F. catenata* Lour. ex B.A. Gomes, *F. indica* var. *gracilicaulis* F.M. Bailey, *F. indica* var. *minor* Hook. f., *F. loureiroi* Steud., *F. minor* Blume, *F. philippinensis* Elmer

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Flagellariaceae Dumort.
- 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.

4. Distribution:

Global: Andaman Island, Australia, Bangladesh, Bismarck Archipelago, Borneo, Burma, Cambodia, Cambodia, Caroline Island, China, Fiji, Hainan, India, Japan, Jawa, Lesser Sunda Island, Madagascar, Madagascar, Malaya, Maldives, Maluku, Marianas, Mauritius, Mozambique, Myanmar, Narsei-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 coast

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

6. Threat Status:

IUCN:

BSI:

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

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology:

12.Basic chromosome number(s):

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

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

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, aneusomaty, polysomaty):

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):