Species Datasheet

Datasheet No. A-066.001.003
(family.genus.species)

DBT- Network Programme

1.Taxon:*Curculigo* Gaertn.
Species**:***Curculigo oligantha* (C.E.C. Fischer) Bennet&Raiz.
Subspecies**:**
Variety**:**
Cultivar**:**
Hybrid**:**
Image file

2. Synonyms:*Molineria oligantha*C.E.C.Fisch.

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

APG IV (2016)
- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocot
- Order: Hypoxidales
- Family: Hypoxidaceae
- Genus: *Curculigo* Gaertn.
- Species: *Curculigo oligantha*

Bentham and Hooker (1862)
Kingdom: Plantae
Division: Phanerogams
Class: Monocotyledons
Series: Epigynae
Ordo: Hypoxidaceae
Genus: *Curculigo* Gaertn.
Species:*Curculigo oligantha*

4.Distribution:

Global: China, Japan, Indian Subcontinent, Papuasia, Micronesia, Vietnam

India: Maharashtra

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat: Herb

8.Life Form: Perennial

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-valueMethodology:

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, 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):