

Genus Datasheet

Datasheet No. A-066.001
(family,genus,species)

DBT- Network Programme

1. **Genus:***Curculigo* Gaertn.

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

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocot
- Order: Hypoxidales
- Family: Hypoxidaceae
- Genus: *Curculigo* Gaertn.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogams
- Class: Monocotyledons
- Series: Epigynae
- Ordo: Hypoxidaceae
- Genus: *Curculigo* Gaertn.

3. **Species:**

Global:17

India:05

4. **Taxonomic riddles:**

5. **Distribution:**

Global:Tropical regions of Asia, Africa, Australia, and the Americas, China, Japan, Indian Subcontinent, Papuasia, Micronesia, Vietnam, Southern Hemisphere of the Old World and in North America

India:Maharashtra, Tamil Nadu, North India

6. **Habit and Habitat:** Herb

7.**Economic Importance:**

8. **DNA content range:**

2C:

4C:

Methodology

9. **Basic chromosome number(s):** $x=9^{3,4}$

10. Zygotic chromosome number(s): $2n=18^{1,2,3,4,5,6,7}36^8c.50^{10}$

11. Gametic chromosome number(s): $n=9^3$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes Neocentric chromosomes):

13. Ploidy level: Diploid^{3,4}

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: