

Genus Data Sheet

Datasheet No. A-094.001
(family,genus,species)

DBT- Network Programme

1. Genus:*Eriocaulon* L.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Eriocaulaceae Martinov
- Genus: *Eriocaulon* L.

Bentham and Hooker (1862)

Kingdom: Plantae
Division:Phanerogamia
Class: Monocotyledons
Series: Glumaceae
Ordo: EriocaulaeBartl.
Genus: *Eriocaulon* L.

3. Species:

Global:400

India: 87

4. Taxonomic riddles:

5. Distribution:

Global:Africa, Asia, Australia, Europe, America

India:Throughout India

6. Habit and Habitat:Herb.Usually adapted to soft water.

7.Economic Importance:*E.cinereum* is an aquarium plant

8. DNA content range:

Methodology

2C:

4C:

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=24^1 30^1 32^3 36^3$

11. Gametic chromosome number(s): $n=9^2 15^1$

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: