

Species Data Sheet

Datasheet No. A-094.001.013
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Eriocaulon cinereum* R. Br.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Eriocaulon sieldianum* Sieb. & Zucc. Ex Steudel

3. Systematic position:

APG IV (2016)

Kingdom: Plantae

Clade: Angiosperms

Clade: Monocots

Clade: Commelinids

Order: Poales Small

Family: Eriocaulaceae Martinov

Genus: *Eriocaulon* L.

Species: *E. cinereum* R. Br.

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledons

Series: Glumaceae

Ordo: Eriocaulae Bartl.

Genus: *Eriocaulon* L.

Species: *E. cinereum* R. Br.

4. Distribution:

Global:

India: Throughout India

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Acaulescent herb, grows in Tropical Moist Forest.

8. Life Form: Therophyte

9. Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value

Methodology:

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=32^3$

14. Gametic chromosome number(s): $n=9^2$

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; Translocation etc):