

Species Data Sheet

Datasheet No. A-094.001.017
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Eriocaulon cristatum* Mart.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Eriocaulon cristatum* var. *maackii* Hook.f.

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. cristatum* Mart.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledons
Series: Glumaceae
Ordo: Eriocaulae Bartl.
Genus: *Eriocaulon* L.
Species: *E. cristatum* Mart.

4. Distribution:

Global: India, Bangladesh, China, Japan, Thailand, Malaya

India: North East India (Assam, Meghalaya)

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Herb grows along hill slopes of Tropical Moist Forest.

8. **Life Form:** Hemicryptophyte

9. **Economic Importance:**

10. **Probable Progenitor of:**

11.DNA

C-value

Methodology:

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; Translocation etc):