

Species Data Sheet

Datasheet No. A-094.001.031
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Eriocaulon hamiltonianum* Mart.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Eriocaulon hamiltonianum* var. *minor* Fyson, *E. oinereum* Buch.-Ham. ex Mart.

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. hamiltonianum* Mart.

Bentham and Hooker (1862)

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

4. Distribution:

Global: Asia

India: North East India (Assam, Madhya Pradesh, West Bengal)

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

6. Threat Status:

IUCN: Least Concern

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):

14. Gametic chromosome number(s):

15. Specialized chromosomes (B chromosomes/Sex chromosomes/polytene chromosomes/Neocentric chromosomes):

Image file

16. Ploidy level:

Image file

17. Agamete ploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

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):