

Species Data Sheet

Datasheet No. A-094.001.075
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Eriocaulon setaceum* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Eriocaulon aquaticum* Sagot ex Körn. [Invalid], *E. bifistulosum* Van Heurck & Müll. Arg., *E. capillus-naiadis* Hook. f., *E. cauliferum* Makino, *E. equisetoides*, *E. intermedium* var. *brevicaule* Satake, *E. intermedium* var. *glabrum* Satake, *E. limosum* Engl. & Ruhland, *E. melanocephalum* subsp. *usterianum* (Beauverd) Beauverd ex Moldenke, *Eriocaulon schweinfurthii* Engl. & Ruhland, *E. setaceum* var. *capillus-naiadis* (Hook. f.) Moldenke, *E. usterianum* Beauverd, *Lasiolepis aquatica* (Sagot ex Körn.) Boeckeler.

3. Systematic position:

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledons

Series: Glumaceae

Ordo: Eriocaulales Bartl.

Genus: *Eriocaulon* L.

Species: *E. setaceum* L.

APG IV (2016)

□ Kingdom: Plantae

□ Clade: Angiosperms

□ Clade: Monocots

□ Clade: Commelinids

□ Order: Poales Small

□ Family: Eriocaulaceae Martinov

□ Genus: *Eriocaulon* L.

□ Species: *E. setaceum* L.

4. Distribution:

Global: Africa, Asia, Australia.

India: Western Peninsular India (Goa, Karnataka, Kerala)

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

6. Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Caulescent herb, grows in Tropical Dry 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):