

Species Data Sheet

Datasheet No. A-094.001.033
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Eriocaulon heterolepis* Steud.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Eriocaulon diana* Fyson, *E. diana* var. *longibracteatum* Fyson, *E. heterolepis* var. *nigricans* Körn.

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. heterolepis* Steud.

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledons

Series: Glumaceae

Ordo: Eriocaulae Bartl.

Genus: *Eriocaulon* L.

Species: *E. heterolepis* Steud.

4. Distribution:

Global: Asia (India)

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

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

6. Threat Status:

IUCN: Least Concern

BSI:

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