

# Species Data Sheet

Datasheet No. A-094.001.006  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Eriocaulon balakrishnanii* Puneekar, Lakshmin. & Vasudeva Rao

Subspecies

Variety

Cultivar

Hybrid

Image file

## 2. Synonyms:

## 3. Systematic position:

### Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledons

Series: Glumaceae

Ordo: Eriocaulae Bartl.

Genus: *Eriocaulon* L.

Species: *E. balakrishnanii* Puneekar, Lakshmin. & Vasudeva Rao

### APG IV (2016)

Kingdom: Plantae

Clade: Angiosperms

Clade: Monocots

Clade: Commelinids

Order: Poales Small

Family: Eriocaulaceae Martinov

Genus: *Eriocaulon* L.

Species: *E. balakrishnanii* Puneekar, Lakshmin. & Vasudeva Rao

## 4. Distribution:

**Global:** India

**India:** Western Ghats (Karnataka)

## 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, 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):**