

# Species Data Sheet

Datasheet No. A-094.001.076  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Eriocaulonsexangulare* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Eriocaulon cantoniense* Hook. & Arn. *E. cantoniensis* Hook. & Arn. *E. consanguineum* Kunth, *E. kwangtungense* Ruhland, *E. miyagianum* Koidz., *E. nitidum* Buch.-Ham. ex Wall., *E. petrosepalum* Hayata, *E. pterosepalum* Hayata, *E. quadrangulare* Lour., *E. quadriangulare* Lour. ex Moldenke, *E. setaceum* B. Heyne ex Wall., *E. sexangulare* var. *micronesicum* Moldenke, *E. sinicum* Miq., *E. sinii* Ruhland, *E. tenue* Buch.-Ham. ex Wall., *E. wallichianum* Thwaites, *E. wallichianum* Mart., *E. wallichianum* Wight ex Kunth, *E. wallichianum* Heyne ex Moldenke, *E. wallichianum* var. *tenellum* Wight ex Moldenke

## 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. sexangulare* L.

### Bentham and Hooker (1862)

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

## 4. Distribution:

**Global:** Africa, Asia

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

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

## 6. Threat Status:

**IUCN:**

**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):**  $2n=36^3$

**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 (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc):**