

Species Data Sheet

Datasheet No. A-094.001.083
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Eriocaulon truncatum* Buch.-Ham. ex Mart.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Eriocaulon annuum* Milne-Redh., *E. ciliipetalum* H.E. Hess, *E. glabriflorum* Ridl., *E. merrillii* Ruhland ex Perkins, *E. merrillii* var. *longibracteatum* W.L. Ma, *E. merrillii* var. *merrillii*, *E. merrillii* var. *suishaense* (Hayata) C.E. Chang, *E. nigrum* var. *suishaense* (Hayata) Hatus. & T. Koyama, *E. nigrum* var. *suishaense* (Hayata) Hatus. & Koyama, *E. sollyanum* var. *sumatranum* Royen, *E. suishaense* Hayata, *E. suishaense* var. *okinawense* Satake, *E. truncatum* var. *disepala* Fyson, *E. truncatum* var. *malaccense* Hook. f., *E. truncatum* var. *quadrilocostatum* Lecomte, *E. truncatum* var. *truncatum*

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. truncatum* Buch.-Ham. ex Mart.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledons
Series: Glumaceae
Ordo: Eriocaulae Bartl.
Genus: *Eriocaulon* L.
Species: *E. truncatum* Buch.-Ham. ex Mart.

4. Distribution:

Global: Asia, Australia, Africa

India: Throughout India

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Acaulescent herb, grows in wet sandy or muddy pool and stream margins of 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): $2n=32^3$

14. Gametic chromosome number(s):

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

Image file

16. Ploidy level:

Image file

17. Agameteoploidy:

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; Translocations etc):