

Species Data Sheet

Datasheet No. A-094.001.060
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Eriocaulon quinquangulare* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Eriocaulon argenteum* Mart. in Wall. *E. argyraeum* Steud., *E. erythropodium* Miq. ex Körn., *E. leucocephalum* Steud., *E. martianum* Wall. ex Körn., *E. quinquangulare* var. *elatius* Moldenke, *E. quinquangulare* var. *martianum* Fyson, *E. quinquangulare* f. *viviparum* Moldenke, *E. scabiosa* Crantz, *Leucocephala graminifolia* Roxb., *Sphaerochloa quinquangularis* (L.) P.Beauv. ex Desv.

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. quinquangulare* L.

Bentham and Hooker (1862)

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

4. Distribution:

Global: Asia

India: Throughout India

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Acaulescent herb grows in varying habitats such as long margins of streams, in water-logged areas, paddy fields, marshy or moist lands and open fields from sea level to 1000m altitude.

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; Translocations etc):