

Species Data Sheet

DBT- Network Programme

Datasheet No. A-098.008.003
(family.genus.species)

1. Taxon: *Eriophorum* L

Species: *Eriophorum scheuchzeri* Hoppe

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Eriophorum altaicum* Meinsh., *Eriophorum capitatum* Host, *Eriophorum leucocephalum* Boeckeler, *Eriophorum scheuchzeri* subsp. *altaicum* (Meinsh.) N.V.Bondareva, *Eriophorum scheuchzeri* subsp. *arcticum* M.S.Novos., *Eriophorum sphaerocephalum* Wulfen, *Plumariascheuchzeri* (Hoppe) Bubani, *Scirpus leucocephalus* (Boeckeler) T.Koyama, *Scirpus scheuchzeri* (Hoppe) Vitman, nom. illeg.

3. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Eriophorum* L
- Species: *E. scheuchzeri*

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Eriophorum* L
Species: *E. scheuchzeri*

4. Distribution:

Global: Afghanistan, Bangladesh, Bhutan, Nepal, Pakistan, Vietnam and Indonesia.

India: Jammu Kashmir, Bengal, Bihar, Orissa, Rajasthan.

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Herb

8. **Life Form:** Perennial

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. **DNA**

C-value

Methodology:

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=58^{5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22}$

14. Gametic chromosome number(s): $n=29^{8,20}$

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

Image file

16. Ploidy level:

Image file

17. Agamete ploidy:

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):