

Species Data Sheet

DBT- Network Programme

Datasheet No. A-098.030.010
(family.genus.species)

1. Taxon: *Scirpus* L.

Species: *Scirpus tuberosus* Desf.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Scirpus maritimus* Linn.

3. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Scirpus* L.
- Species: *Scirpus tuberosus* Desf.

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledones

Series: Glumaceae

Ordo: Cyperaceae Juss.

Genus: *Scirpus* L.

Species: *Scirpus tuberosus* Desf.

4. Distribution:

Global: Afghanistan, Bangladesh, Iran, Israel, South Africa, Mexico, Brazil, Netherlands, Australia and New Zealand

India: North India, Punjab

5. Indigenous/Exotic/Endemic; Cultivated/Wild: 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):** $x=8^{1,2}$

13. **Zygotic chromosome number(s):**

14. **Gametic chromosome number(s):** $n=49^{1,2}58^1$

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

Image file

16. **Ploidy level:** Tetradecaploid^{1,2}

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:49II²

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):