

## Species Data Sheet

Datasheet No. A-098.027.007  
(family.genus.species)

DBT- Networ

**1. Taxon:** *Schoenoplectus* (H.G.L. Reichb.) Palla  
Species: *Schoenoplectus lacustris* (L.) Palla  
Subspecies  
Variety  
Cultivar  
Hybrid

Image file

**2. Synonyms:** *Cyperus lacustris* (L.) Missbach&E.H.L.Krause, nom. illeg., *Eleogiton lacustris* (L.) Fourr., *Heleophylax lacustris* (L.) Schinz&Thell., *Hymenochaetalacustris* (L.) Nakai, *Schoenus lacustris* (L.) Bernh., *Scirpus lacustris* L., *Scirpus lacustris* var. *genuinus* Godr., nom. inval., *Scirpus lacustris* var. *major* Schrad., nom. inval.

### 3. Systematic position:

#### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Schoenoplectus* (H.G.L. Reichb.) Palla
- Species: *Schoenoplectus lacustris*

#### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Schoenoplectus* (H.G.L. Reichb.) Palla  
Species: *Schoenoplectus lacustris*

### 4. Distribution:

**Global:** Europe and some neighbouring areas

**India:** Haryana, Assam, Kerala

### 5. Indigenous/Exotic/Endemic; Cultivated/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):**  $2n=38^{11,14,15,16,17}40^{11,16,24}42^{12,13,15,16,19,21,22,23,24,25}54^{15}80^{2,3,5}$

**14. Gametic chromosome number(s):**  $n=21^{18,20}$

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

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**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:**

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**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):**