

# Species Data Sheet

Datasheet No. A-098.027.009  
(family.genus.species)

DBT- Network Programme

**1. Taxon:** *Schoenoplectus* (H.G.L. Reichb.) Palla

Species: *Schoenoplectus litoralis* (Schrad.) Palla

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Eleogiton litoralis* (Schrad.) Fourr., *Heleogiton litorale* (Schrad.) Rchb., *Malacochaetelitoralis* (Schrad.) Nees, *Pterolepis litoralis* (Schrad.) M.R. Almeida, *Scirpus litoralis* Schrad.

### 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 tabernaemontani*

#### Bentham and Hooker (1862)

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

### 4. Distribution:

**Global:** Europe, Africa, Asia and Australia

**India:** Tamil Nadu, Uttar Pradesh, Andhra Pradesh and Madhya Pradesh

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

### 6. Threat Status:

**IUCN:** Least Concern

**BSI:**

### 7. Habit and Habitat: Herb

### 8. Life Form: Annual

### 9. Economic Importance:

### 10. Probable Progenitor of:

**11.DNA**

**C-value**

**Methodology:**

**12.Basic chromosome number(s):**

**13. Zygotic chromosome number(s):** $2n=10^{27}78^{26}80^{28}$

**14. Gametic chromosome number(s):** $n=21^{18}39^{11,29}40^{28}42^{11,29}$

**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, 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):**