

## Species Data Sheet

Datasheet No. A-098.022.020  
(family.genus.species)

DBT- Networ

1. **Taxon:** *Pycreus* P. Beauv

Species: *Pycreus pumilus* (L.) Nees ex C.B.Cl.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Cyperus laxiusculus* Steud., *Cyperus leucolepis* J. Carey ex C.B. Clarke, nom. illeg., *Cyperus nervulosus* (Kük.) S.T. Blake, *Cyperus nitens* Retz. *Cyperus nitens* var. *patens* (Vahl) Boeckeler, *Cyperus obstinatus* Steud., *Cyperus patens* Vahl, *Cyperus pulvinatus* N.

### 3. Systematic position:

#### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Pycreus* P. Beauv
- Species: *Pycreus pumilus*

#### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Pycreus* P. Beauv  
Species: *Pycreus pumilus*

### 4. Distribution:

**Global:** Mexico, Central America, South America, Asia and Africa

**India:** Assam, Kerala, Arunachal Pradesh, Meghalaya.

### 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):**  $2n=54^{3,19}90^594^{7,8}$

**14. Gametic chromosome number(s):**  $n=45^{20}47^{7,8}$

**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):**