

# Species Data Sheet

Datasheet No. A-098.022.006  
(family.genus.species)

DBT- Network Programme

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

Species: *Pycreus flavescens* (L.) Reichb

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Chlorocyperus flavescens* (L.) Rikli, *Cyperus flavescens* L., *Distimus flavescens* (L.) Ra

**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 flavescens*

**Bentham and Hooker (1862)**

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

**4. Distribution:**

**Global:** Afghanistan, Angola, Bermuda, France, Ghana, Australia, Guatemala, Hungary, Iran, and Israel

**India:** Kerala, Assam, Andhra Pradesh, Karnataka, Tamil Nadu

**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):** $2n=50^{14}70^{15}$

**14. Gametic chromosome number(s):** $n=49^4$

**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):**