

Species Data Sheet

Datasheet No. A-098.022.014
(family.genus.species)

DBT- Networ

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

Species: *Pycreus macrostachyos* (Lam.) J. Raynal

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Cyperus argyraeus* Steud., *Cyperus flavicomus* Michx., *Cyperus hochstetteri* Nees ex Krauss, *Cyperus hochstetteri* var. *rusa* C.B. Clarke, *Cyperus hochstetteri* var. *tenuis* Boeckeler, *Cyperus macrostachyos* Lam., *Cyperus macrostachyos* subsp. *tremulus* (Poir.) Lye

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 macrostachyos*

Bentham and Hooker (1862)

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

4. **Distribution:**

Global: Indonesia, Kenya, Nepal, Nigeria, Philippines, Rwanda and Mexico

India: Kerala, Karnataka and Maharashtra.

5. **Indigenous/Exotic/Endemic; Cultivated/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):

14. Gametic chromosome number(s):

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, 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:

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):