

Species Data Sheet

Datasheet No. A-098.022.033
(family.genus.species)

DBT- Network Programme

1. Taxon: *Pycreus* P. Beauv

Species: *Pycreus stramineus* C.B.Cl.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Cyperus capillaris* Hochst. ex Steud., nom. illeg., *Cyperus coromandelinus* Boeckeler, nom. illeg., *Cyperus stramineus* Nees, nom. illeg., *Cyperus substramineus* Kük., *Pycreus substramineus* (Kük.) N.K.Khoi, nom. illeg.

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 stramineus*

Bentham and Hooker (1862)

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

4. Distribution:

Global: Sri Lanka, Indo-China and Malay peninsula

India: Tamil Nadu, Kerala, Assam, Meghalaya, Karnataka, Maharashtra, Andhra Pradesh, Uttar Pradesh, West Bengal and Mizoram

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): $2n=42^{4,18}$

14. Gametic chromosome number(s): $n=21^{4,18,25}$

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):