

Species Datasheet

Datasheet No. A-098.001.034
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Cyperus malaccensis* Lam.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Chlorocyperus malaccensis* (Lam.) Palla, *Cyperus fortunei* Steud., *C. incurvatus* Roxb., *C. malaccensis* subsp. *malaccensis*, *C. malaccensis* var. *malaccensis*, *C. neesii* D. Dietr., *C. spaniophyllus* Steud., *C. tegetiformis* Benth., *C. wallichii* Nees

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Cyperus* L.
- Species: *C. malaccensis* Lam.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Cyperus* L.
Species: *C. malaccensis* Lam.

4. Distribution:

Global: South China, Iran, India, Malesia, Japan, and North Australia

India: Western Peninsula and Eastern India

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

6. Threat Status:

IUCN

BSI

7. **Habit and Habitat:** Herb. Occur in Muddy shores of blakish water, along with mangrove vegetation, shallow canals with muddy bottom near back waters, usually forming large patches.

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology:

12. Basic chromosome number(s): $x=$

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=$

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):