

Species Datasheet

Datasheet No. A-028.016.001
(family.genus.species)

DBT- Network Programme

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1. Taxon:

Species *Pothos chinensis* (Raf.) Merr.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Pothos balansae* Engl., *Pothos cathcartii* Schott, *Pothos chinensis* var. *chinensis*, *Pothos chinensis* var. *lotienensis* C.Y.Wu & H.Li, *Pothos seemannii* Schott, *Pothos warburgii* Engl., *Pothos yunnanensis* Engl., *Tapanava chinensis* Raf.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Araceae Juss.
- Genus: *Pothos* L.
- Species: *P. chinensis* (Raf.) Merr.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Nudiflorae
Ordo: Aroideae Arn.
Genus: *Pothos* L.
Species: *P. chinensis* (Raf.) Merr.

4. Distribution:

Global: Indian Subcontinent to Nansei-shoto.

India: N.E. India

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: tropical moist forest

8. Life Form:

9. Economic Importance: The whole plant is used medicinally to treat rheumatic arthralgia, traumatic injuries, fractures, coughs, and infantile malnutrition caused by intestinal parasites.

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; Translocations etc):