

Species Datasheet

Datasheet No. A-028.016.005
(family.genus.species)

DBT- Network Programme

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1. Taxon:

Species *Pothos scandens* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Batis hermaphrodita* Blanco, *Podospadix angustifolia* Raf., *Pothos angustifolius* Reinw. ex Miq., *P. angustifolius* (Raf.) C.Presl, *P. chapelieri* Schott, *P. cognatus* Schott, *P. decipiens* Schott, *P. exiguiflorus* Schott, *P. fallax* Schott, *P. hermaphroditus* (Blanco) Merr., *P. horsfieldii* Miq., *P. leptospadix* de Vriese, *P. longifolius* C.Presl, *P. microphyllus* C.Presl, *P. scandens* f. *angustior* Engl., *P. scandens* var. *scandens* *P. scandens* var. *cognatus* (Schott) Engl., *P. scandens* var. *helferianus* Engl., *P. scandens* var. *sumatranus* de Vriese, *P. scandens* var. *zeylanicus* de Vriese, *P. scandens* var. *zollingerianus* (Schott) Engl., *P. zollingeri* Engl., *P. zollingeri* Schott, *P. zollingerianus* Schott, *Tapanava indica* Raf., *T. rheedei* Hassk.

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. scandens* L.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Nudiflorae
Ordo: Aroideae Arn.
Genus: *Pothos* L.
Species: *P. scandens* L.

4. Distribution:

Global: West Indian Ocean, Tropical & Subtropical Asia

India: Throughout India

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Climbing liana, on trees and rocks in primary and secondary wet to dry lowland to hill evergreen tropical to subtropical forest

8. Life Form:

9. Economic Importance: This plant is used medicinally in Yunnan for treating traumatic injuries and rheumatic arthralgia. The leaves are used as tea by the Dai ethnic minority.

10. Probable Progenitor of:

11. DNA

C- value

Methodology

12. Basic chromosome number(s): $x=12$ ²

13. Zygotic chromosome number(s): $2n=24$ ^{1,2,3,4,5}

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):