

Species Datasheet

Datasheet No. A-377.010.107
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species:
Subspecies
Variety:
Forma:*Strobilanthespersicifolia*f.*isophylla*(Nees) J. R. I. Wood
Cultivar
Hybrid

Image files

2. Synonyms:

3. Systematic Position:

- APG IV (2016)**
 - Kingdom: Plantae
 - Clade: Angiosperms
 - Clade: Eudicots
 - Clade:Superasterids
 - Clade: Asterids
 - Order: LamialesBromhead
 - Family: AcanthaceaeJuss.
 - Genus: *Strobilanthes*Blume
 - Species: *S. persicifolia*(Lindl) J. R. I. Wood
 - Forma:*Strobilanthespersicifolia*f. *isophylla* (Nees) J. R. I. Wood

- Bentham and Hooker(1862)**
 - Kingdom: Plantae
 - Division: Phanerogamia
 - Class: Dicotyledons
 - Subclass: Gamopetalae
 - Series: Bicarpellatae
 - Cohors: Personales
 - Ordo: Acanthaceae Juss.
 - Genus: *Strobilanthes*Blume
 - Species: *S. persicifolia*(Lindl) J. R. I. Wood
 - Forma:*Strobilanthespersicifolia*f. *isophylla*(Nees) J. R. I. Wood

4. Distribution:

Global: India, Peru

India:East andNorth-East India, Tamil Nadu.

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat:Shrub.

8. Life Form:Chamephytes

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

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stain ability; Translocations etc):