

Species Datasheet

Datasheet No. A-377.010.123
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Strobilanthes scrobiculata* Dalzell ex C.B. Clarke
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms: *Supushpascrobiculata* (Dalzell ex C.B. Clarke) Suryan.

3. Systematic Position:

APG IV (2016)	Bentham and Hooker (1862)
• Kingdom: Plantae	Kingdom: Plantae
• Clade: Angiosperms	Division: Phanerogamia
• Clade: Eudicots	Class: Dicotyledons
• Clade: Superasterids	Subclass: Gamopetalae
• Clade: Asterids	Series: Bicarpellatae
• Order: Lamiales	Cohors: Personales
• Family: Acanthaceae Juss.	• Ordo: Acanthaceae Juss.
• Genus: <i>Strobilanthes</i> Blume	• Genus: <i>Strobilanthes</i> Blume
• Species: <i>S. scrobiculata</i> Dalzell ex C.B. Clarke	• Species: <i>S. scrobiculata</i> Dalzell ex C.B. Clarke

4. Distribution:

Global: India

India: Goa, Kerala and Maharashtra

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Shrub. Streambeds or on rocky bank.

8. Life Form: Chamephyte

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):