

Species Datasheet

Datasheet No. A-377.010.103
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Strobilanthespenstemonoides*(Nees) T. Anderson
Subspecies
Variety
Cultivar
Hybrid

Image file

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. penstemonoides*(Nees) T. Anderson

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division:Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo:Acanthaceae Juss.
- Genus: *Strobilanthes*Blume
- Species: *S. penstemonoides*(Nees) T. Anderson

4. Distribution:

Global: China, Tibet, Taiwan, India, Myanmar, Thailand, Vietnam, Bhutan, Nepal, and Laos

India:Himalayas,North East India,Upper Gangetic Plains

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat:Shrub.Found onMountain slopes

8. Life Form:Phanerophytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C- Value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): 2n=26^{1, 2}

14. Gametic chromosome number(s):n=13^{1, 2}

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):