

Species Datasheet

Datasheet No. A-377.010.118
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Strobilanthes rufescens* (Roth) T. Anderson
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms: *Buteraeaulmifolia* Nees, *Ruelliacomosa* Roxb., *R. rufescens* Roth, *R. ulmifolia* Wall.

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. rufescens</i> (Roth) T. Anderson | • Species: <i>S. rufescens</i> (Roth) T. Anderson |

4. Distribution:

Global: Bangladesh, India and Myanmar

India: North-East India

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Shrub.

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):