

# Species Datasheet

Datasheet No. A-377.010.037  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Strobilanthes decurrens* Nees

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Goldfussia decurrens* Wight

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
  - Clade: Angiosperms
  - Clade: Eudicots
  - Clade: Superasterids
  - Clade: Asterids
  - Order: Lamiales
  - Family: Acanthaceae Juss.
  - Genus: *Strobilanthes* Blume
- Species: *S. decurrens* Nees

### Bentham and Hooker (1862)

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

## 4. Distribution:

**Global:** India

**India:** Kerala, Tamil Nadu

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. Habit and Habitat: Shrub. Found in evergreen forests.

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):