

Species Datasheet

Datasheet No. A-377.001.027
(family.genus.species)

DBT- No.

1.Taxon:

Species: *Andrographis stenophylla* C.B. Clarke
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Andrographis* Wall. ex Nees
- Species: *A. stenophylla* C.B. Clarke

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: AcanthaceaeJuss.
- Genus: *Andrographis* Wall. ex Nees
- Species: *A. stenophylla* C.B. Clarke

4.Distribution:

Global: India.

India: Tamil Nadu.

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Shrub, evergreen forests, shrub jungle and dry deciduous forests.

8.Life Form:Chamaephytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):2n=

14. Gametic chromosome number(s):n=

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ Neocentricchromosomesetc):

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. Pollen Stain ability (%):
29. Genetic diversity:
- Chromosomal level
- DNA level
30. Any other information: (Translocations; Inversion; Female meiosis; Male meiosis; Male sterility)