

Species Datasheet

Datasheet No. A-377.015.012
(family.genus.species)

DBT- Netw

1.Taxon:

Species: *Dicliptera lanceolaria* (Roxb.) Karthik. & Moorthy
Subspecies
Variety
Cultivar
Hybrid
Image file

2. **Synonyms:** *Peristrophe lanceolaria* (Roxb.) Nees

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 Bromhead | • Cohors: Personales |
| • Family: Acanthaceae Juss. | • Ordo: Acanthaceae Juss. |
| • Genus: <i>Dicliptera</i> Juss. | • Genus: <i>Dicliptera</i> Juss. |
| • Species: <i>D.lanceolaria</i> (Roxb.) Karthik. & Moorthy | • Species: <i>D.lanceolaria</i> (Roxb.) Karthik. & Moorthy |
| | • |

4.Distribution:

Global: China, Myanmar, Thailand and India.

India: Eastern India

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat: Herb.

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):

14. Gametic chromosome number(s): n=15^{2, 3}

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:11 II

Female meiosis

Male meiosis

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29.Any other information:(Translocations;Inversion; Female meiosis; Male sterility; Pollen mitosis; Pollen stain ability etc):