

Species Datasheet

Datasheet No. A-377.015.016
(family.genus.species)

DBT- Network Pr

1.Taxon:

Species:*Dicliptera nasikensis*Lakshmin.&B.D.Sharma
Subspecies
Variety
Cultivar
Hybrid
Image file

2. Synonyms:

3. Systematic Position:

- Bentham and Hooker (1862)**
 - Kingdom: Plantae
 - Division: Phanerogamia
 - Class: Dicotyledons
 - Subclass: Gamopetalae
 - Series: Bicarpellatae
 - Cohors: Personales
 - Ordo: Acanthaceae Juss.
 - Genus:*Dicliptera* Juss.
 - Species: *D. nasikensis* Lakshmin. &B.D.Sharma

- APG IV (2016)**
 - Kingdom: Plantae
 - Clade: Angiosperms
 - Clade: Eudicots
 - Clade: Superasterids
 - Clade: Asterids
 - Order: Lamiales Bromhead
 - Family: Acanthaceae Juss.
 - Genus: *Dicliptera* Juss.
 - Species: *D. nasikensis*Lakshmin. &B.D.Sharma

4.Distribution:

Global: India

India: Karnataka and Maharashtra

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat: Herb. Found in 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):

14. Gametic chromosome number(s):

15. Specialized chromosome (B chromosome/ 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):