

Species Datasheet

Datasheet No. A-377.015.011
(family.genus.species)

DBT- Network Pr

1.Taxon:

Species:*Dicliptera heterostegia* Nees

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:***Diapedium heterostegium* (C.Presl) Kuntze, *D. heterostegia* var. *praetextata* Benoist, *D. mossambicensis* Klotzsch

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.heterostegia* Nees

APG IV (2016)

- Kingdom: Plantae
 - Clade: Angiosperms
 - Clade: Eudicots
- Clade: Superasterids
 - Clade: Asterids
 - Order: Lamiales Bromhead
 - Family: Acanthaceae Juss.
 - Genus: *Dicliptera* Juss.
- Species: *D.heterostegia* Nees

4.Distribution:

Global: South Africa, Kenya, Tanzania, Madagascar and India.

India:Maharashtra.

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): $n=15^9, 10$

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

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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):