

Species Datasheet

Datasheet No. A-377.015.004
(family.genus.species)

DBT- Network Pr

1.Taxon:

Species:*Dicliptera bupleuroides*Nees

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:***Dicliptera bupleuroides*var.*bupleuroides*Nees., *D. bupleuroides* var. *ciliata* Malik &Ghafoor, *D.bupleuroides* var. *nazimii* Malik &Ghafoor,*D.bupleuroides* var. *qaiseri* Malik &Ghafoor, *D.buergeriana*Mig, *D.cardiocarpa*Nees,*D. crinita* Nees,*D.hirtula* Nees, *D.rupestris* Nees,*D.roxburghii*T. Anderson,*Justicia canescens* Wall.

3.Systematic Position:

APG IV

Bentham and Hooker

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus:*Dicliptera* Juss.
- Species: *D. bupleuroides* Nees

Kingdom: Plantae

Clade: Angiosperms

Clade: Eudicots

Clade: Superasterids

Clade: Asterids

Order: Lamiales Bromhead

Family: Acanthaceae Juss.

Genus: *Dicliptera* Juss.

Species: *D.bupleuroides*Nees

4.Distribution:

Global: China, India, Afghanistan, Bhutan, Nepal and Thailand.

India:Throughout India.

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat:Herb. Found inmoist deciduous and evergreen forest.

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): $2n=26^{4, 6}$

14. Gametic chromosome number(s): $n=13^{1, 2, 3, 4, 5, 14}$

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:(Translocations; Inversion; Female meiosis; Male sterility; Pollen mitosis; Pollen stain ability etc):