Species Datasheet

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Datasheet No. A-377.009.001 **DBT- Ne**
(family.genus.species)

1. Taxon:

Species:*Barleria acanthoides*Vahl
Subspecies
Variety
Cultivar
Hybrid
Image file

2. Synonyms:*Barleria acanthoides* var. *gracilispina* Fiori,*B.acanthoides* f. *lanceolata*Schinz

3. Systematic Position:

APG IV (2016)	**Bentham and Hooker(1862)**
Kingdom: Plantae	Kingdom: Plantae
Clade: Angiosperms	Division: Phanerogamia
Clade: Eudicot	Class: Dicotyledons
Clade: Asterids	Subclass: Gamopetalae
Order: Lamiales Bromhead	Series: Bicarpellatae
Family: Acanthaceae Juss.	Cohors: Personales
Genus: *Barleria* L.	Ordo: Acanthaceae Juss.
Species: *B. acanthoides*Vahl	Genus: *Barleria*L.
	Species: *B. acanthoides*Vahl

4.Distribution:

Global: Djibouti, Egypt, Ethiopia,India, Pakistan, Somalia and Sudan.

India: Gujarat,Haryana, Punjab and Rajasthan.

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Shrub. Grows on rocky localities and dry hillslopes.

8.Life Form: Chamaephytes

9.Economic Importance: Medicinal, ornamental.

10. Probable Progenitor of:

11.DNA
C-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):2n=40[1]

14. Gametic chromosome number(s):n=20[1]

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neocentric Chromosomes etc):

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:

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24.Genomicin 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 meiosis; Male sterility)