Species Datasheet

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Datasheet No. A-377.009.028 **DBT- N**
(family.genus.species)

1.Taxon:

Species: *Barleriaterminalis* Nees
Subspecies
Variety
Cultivar
Hybrid
Image file

2. Synonyms:*Barleria strigosa* var *polystachya* Nees C.B. Clarke, *B. polystachya* Hook *ex* Nees, *Pseudobarleria polystachya* (Hook. ex Nees) Oerst.

3. Systematic Position:

APG IV (2016)
Kingdom: Plantae
Clade: Angiosperms
Clade: Eudicot
Clade: Asterids
Order: Lamiales Bromhead
Family: Acanthaceae Juss.
Genus: *Barleria* L.
Species: *B. terminalis* Nees

Bentham and Hooker(1862)
Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Bicarpellatae
Cohors: Personales
Ordo: Acanthaceae Juss.
Genus: *Barleria*L.
Species: *B. terminalis* Nees

4.Distribution:

Global: India.

India: Peninsular India

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Shrub. Grows in dry deciduous forests.

8.Life Form: Chamaephytes

9.Economic Importance: Potentialornamental plants

10. Probable Progenitor of:

11.DNA
C-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):$2n=40^{18}$

14. Gametic chromosome number(s):

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:

Image

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: