

Species Datasheet

Datasheet No. A-377.009.020
(family.genus.species)

DBT- Network Programme

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1. Taxon:

Species: *Barleria pilosa* B.Heyne ex Nees
Subspecies
Variety
Cultivar
Hybrid
Image file

2. Synonyms:

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: <i>Barleria</i> L.	Ordo: Acanthaceae Juss.
Species: <i>B. pilosa</i> B.Heyne ex Nees	Genus: <i>Barleria</i> L.
	Species: <i>B. pilosa</i> B.Heyne ex Nees

4. Distribution:

Global:	India
India:	Tamil Nadu
5. Indigenous/Exotic/ Endemic; Cultivated/Wild:	Endemic

6. Threat Status:

IUCN:
BSI:

7. Habit and Habitat:

8. Life Form: Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C- Value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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 (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stain ability; Translocations etc):