

Species Datasheet

Datasheet No. A-377.009.023
(family.genus.species)

DBT- No.

1. Taxon:

Species: *B. prionitis* L.
Subspecies: *B. prionitis* subsp. *pubiflora* (Benth. ex Hohen) Brummitt & J.R.I. Wood
Variety
Cultivar
Hybrid
Image file

2. **Synonyms:** *Barleria prionitis* var. *diacantha* Blatt. & Hallb., *B. pubiflora* Benth. ex Hohen.

3. Systematic Position:

APG IV (2016)

Kingdom: Plantae
Clade: Angiosperms
Clade: Eudicot
Clade: Asterids
Order: Lamiales
Family: Acanthaceae Juss.
Genus: *Barleria* L.
Species: *B. prionitis* subsp. *pubiflora*
(Benth. ex Hohen) Brummitt & J.R.I. Wood

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Bicarpellatae
Cohors: Personales
Ordo: Acanthaceae Juss.
Genus: *Barleria* L.
Species: *B. prionitis* subsp. *pubiflora* (Benth. ex Hohen) Brummitt & J.R.I. Wood

4. Distribution:

Global: India and Pakistan.

India: Diu & Daman, Gujarat, Madhya Pradesh, Maharashtra, Punjab and Rajasthan.

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

6. Threat Status:

IUCN:

BSI:

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

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):** $2n=30^{19}$, $2n=32^{20}$

14. Gametic chromosome number(s):

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