

Species Datasheet

Datasheet No. A-377.009.015
(family.genus.species)

DBT- N

1.Taxon:

Species: *Barlerialupulina*Lindl.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:***Barleria macrostachya*Bojer, [*Dicliptera spinosa* Lodd.](#) Ex Nees

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. lupulina*Lindl.

Bentham and Hooker(1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Gamopetalae

Series: Bicarpellatae

Cohors: Personales

Ordo: Acanthaceae Juss.

Genus: *Barleria*L.

Species: *B. lupulina*Lindl.

4.Distribution:

Global: Madagascar, Puerto Rico, Jamaica, Haiti (introduced), Dominican Republic (introduced), Lesser Antilles (introduced), Antigua, Dominica, Martinique, St. Lucia, St. Vincent, Barbados, Trinidad, Vietnam, Sri Lanka, Myanmar and India

India: Bihar,Himachal Pradesh, Madhya Pradesh, Maharashtra,Orissa, Tamil Nadu, Uttar Pradesh and West Bengal.

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

6.Threat Status:

IUCN:

BSI:

7.**Habit and Habitat:**Shrub. Found in dense forests.

8.**Life Form:**Chamaephytes

9.**Economic Importance:** Medicinal.

10. **Probable Progenitor of:**

11.DNA

C-valueMethodology

12.**Basic chromosome number(s):**

13. **Zygotic chromosome number(s):** $2n=40^{13, 14, 15}$

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: