

Species Datasheet

Datasheet No. A-377.009.007
(family.genus.species)

DBT- Net

1. Taxon:

Species:*Barleria durairajii*K. Ravik. & D. Naras.
Subspecies
Variety
Cultivar
Hybrid
Image file

2. Synonyms:

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. durairajii*K. Ravik. & D. Naras.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Bicarpellatae
Cohors: Personales
Ordo: Acanthaceae Juss.
Genus: *Barleria*L.
Species: *B. durairajii*K. Ravik. & D. Naras.

4. Distribution:

Global:India
India: Tamil Nadu

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

6. Threat Status:

IUCN:
BSI:

7. Habit and Habitat:Shrub.Grows on lateritic soil in dry thorn scrub forest at 60m elevation.

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/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.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: