

# Species Datasheet

Datasheet No. A-377.009.030  
(family.genus.species)

DBT- N

## 1. Taxon:

Species: *Barleria vestita* T. Anderson

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. vestita* T. Anderson

### Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Gamopetalae

Series: Bicarpellatae

Cohors: Personales

Ordo: Acanthaceae Juss.

Genus: *Barleria* L.

Species: *B. vestita* T. Anderson

## 4. Distribution:

**Global:** Sri Lanka and India

**India:** Southern India, Mostly found in the Nilgiri Hills of Tamil Nadu.

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

## 6. Threat Status:

**IUCN:**

**BSI:**

## 7. Habit and Habitat: Herb. Found in evergreen 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):

## 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:**

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:**

**30. References:**