

# Species Datasheet

Datasheet No. A-377.009.026  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Barleria stocksii* 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. stocksii* 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. stocksii* T.Anderson

## 4. Distribution:

**Global:** India

**India:** Andhra Pradesh and Karnataka.

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

## 6. Threat Status:

**IUCN:**

**BSI:**

## 7. Habit and Habitat: Herb. Grows in moist shady places in semi-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):

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):**