

## Species Datasheet

Datasheet No. A-403.039.001  
(family.genus.species)

DBT- 1

### 1. Taxon:

Species: *Lamprachaenium microcephalum*(Dalzell) Benth. ex C.B.Clarke

Subspecies

Variety

Cultivar

Hybrid

Image file

### 2. Synonyms:

### 3. Systematic Position:

#### APG IV (2016)

- Kingdom:Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Lamprachaenium* Benth.
- Species: *L.microcephalum*(Dalzell)  
Benth. ex C.B.Clarke

#### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Gamopetalae  
Series: Inferae  
Cohors: Asterales Link  
Ordo: CompositaeGiseke  
Genus: *Lamprachaenium*Benth.  
Species: *L.microcephalum*(Dalzell)  
Benth. ex C.B.Clarke

### 4. Distribution:

**Global:**India

**India:**Goa, Karnataka, Maharashtra

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

### 6. Threat Status:

**IUCN:** Endangered

**BSI:**

### 7. Habit and Habitat:Herb.Found in open grasslands at higher altitudes.

### 8. Life Form:Chamaephytes

### 9. Economic Importance:Used for treatment of skin diseases

### 10. Probable Progenitor of:

**11. DNA**

**C-value**

**Methodology**

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

**13. Zygotic chromosome number(s):**  $2n=18^1$

**14. Gametic chromosome number(s):**  $n=10^2$

**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**

Image file

**27. Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level**

Image file

**DNA level**

**29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis;  
Pollen stainability; Translocations etc.):**