

# Species Datasheet

Datasheet No. A-403.008.001  
(family.genus.species)

DBT- 1

## 1. Taxon:

Species: *Ainsliaea aptera*DC.  
Subspecies  
Variety  
Cultivar  
Hybrid

Image file

2. Synonyms: *Liatrixcordata*Royle ex C.B.Clarke

## 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: *Ainsliaea*DC.
  - Species: *A. aptera*DC.

## Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Gamopetalae  
Series: Inferae  
Cohors: Asterales Link  
Ordo: Compositae Giseke  
Genus: *Ainsliaea* DC.  
Species: *A. aptera*DC.

## 4. Distribution:

**Global:** Afghanistan, Bhutan, China, India, Nepal, Pakistan

**India:** North East India, Temperate Himalaya

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. **Habit and Habitat:** Herb. As undergrowth in *Pinus* and *Cedrus* forests and on moist, shady slopes.

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):**  $2n=24^1$

14. **Gametic chromosome number(s):**  $n=12^2$

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;Translocationsetc.):**