

Genus Datasheet
DBT- Network Programme

Datasheet No. A-403.008
(Family.Genus)

1. Genus: *Ainsliaea* DC.

2. 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.

Bentham and Hooker (1862)

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

3. Species:

Global: 68

India: 3

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Bangladesh, Burma, Bhutan, China, India, Indonesia, Nepal, Pakistan, Philippines Thailand and Vietnam

India: North East India, Temperate Himalaya

6. Habit and Habitat: Herb. Found in on moist, shady slopes.

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 24^{1,3-6}$, $2n = 16^1$

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

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/ 1 chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms: Meiosis: 2

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at:

Chromosomal level

DNA level: 7

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:Chromosome number is not reported in the following taxa:

*Ainsliaea angustifolia*Hook.f. & Thomson ex C.B.Clarke