

Genus Datasheet
DBT- Network Programme

Datasheet No. A-403.012
(Family.Genus)

1. Genus:*Arctium*L.

2. Systematic position:APG IV; Bentham and Hooker:

APG IV (2016)

- Kingdom:Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Arctium*L.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: CompositaeGiseke
Genus: *Arctium*L.

3. Species:

Global: 19

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Bhutan, Canada, China, India, Japan, Nepal, Pakistan, USA

India: West Himalaya

6. Habit and Habitat:Herb.Found on open hill slopes

7.Economic Importance:Medicinal

8. DNA content range:

Methodology

2C(1.99 pg) ¹Flow cytometer

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):2n= 32 ^{2,3,4}, 2n= 36⁵⁻¹¹

11. Gametic chromosome number(s):

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:

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19.Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: