

Genus Datasheet
DBT- Network Programme

Datasheet No. A-403.022
(family.Genus)

1. Genus:*Centratherum* Cass.

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: *Centratherum* Cass.
- Species: *C.punctatum*Cass.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: CompositaeGiseke
Genus: *Centratherum* Cass.
Species: *C.punctatum*Cass.

3. Species:

Global: 3

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Argentina, Australia, Bolivia, Brazil, Caribbean, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guyana, Honduras, India, Mexico, Nicaragua, panama, Paraguay, Peru, Philippines, Venezuela

India: Introduced

6. Habit and Habitat:Herb.

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=32^{1,2,3}$

11. Gametic chromosome number(s): $n = 16^{4,5}$

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: ^{1,3} **Meiosis:** ^{4,5}

17. Banding pattern(s): CMA/DAPI banding ³

18. Physical mapping of chromosomes: GISH:45S rDNA ³

19. Phylogenetic relationship at Chromosomal; DNA level

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: