

Genus Datasheet
DBT- Network Programme

Datasheet No. A-403.060
(Family.Genus)

1. Genus: *Acmella* Rich. ex. Pers.

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: *Acmella* Rich. ex Pers.

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Gamopetalae

Series: Infraclass

Cohors: Asterales Link

Ordo: Compositae Giseke

Genus: *Acmella* Rich. ex Pers.

3. Species:

Global: 31

India: 3

4. Taxonomic riddles:³

5. Distribution:

Global: Brazil, Burma, China, Ecuador, India, Indonesia, Java, Laos, India, Malaysia, Moluccas, Myanmar, Nepal, Pakistan, Panama, Philippines, Sarawak, Sri Lanka, Sulawesi, Sumatra, South America, Taiwan, Thailand, Vietnam

India: Throughout India

6. Habit and Habitat: Herb. Found in boggy ground, margins of ponds, marshes, along water courses and in rice fields.

7. Economic Importance: Medicinal

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=78^3$

11. Gametic chromosome number(s): $n=26^1$

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:¹

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: