

Genus Datasheet

DatasheetNo. A-377.032
(Family.Genus)

DBT- Network Progr

1. Genus: *Pseuderanthemum* Radlk. ex Lindau

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: LamialesBromhead
- Family: Acanthaceae Juss.
- Genus: *Pseuderanthemum* Radlk. ex Lindau

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Pseuderanthemum* Radlk. ex Lindau

3. Species:

Global: 47

India: 10

4. Taxonomic riddles:

5. Distribution:

Global: India, Myanmar, China, Bhutan, Nepal, Malaysia, South America and Africa

India: Peninsular India, North-East India, West Bengal

6. Habit and Habitat: Erect herb

7. Economic Importance: Use in folk medicine

8. DNA content range:

Methodology:

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number (s): $2n=42^3$

11. Gametic chromosome number (s): $n=11^1$, $n=22^2$, $n=21^{4, 5}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neocentric 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; DNA level

20. Cytogenetic mechanism (s) underlying evolution:

22. Any other information:

