

Species Datasheet

Datasheet No. A-377.020.011
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species

Subspecies

Variety: *Eranthemum roseum* var. *neesii* (C. B. Clarke) Karthik. & Moorthy

Cultivar

Hybrid

Image file

2. Synonyms: *Daedalacanthus roseus* var. *neesii* C.B. Clarke

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Eranthemum* L.
- Species: *E. roseum*
- Variety: *E. roseum* var. *neesii* (C. B. Clarke) Karthik. & Moorthy

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Eranthemum* L.
- Species: *E. roseum*
- Variety: *E. roseum* var. *neesii* (C. B. Clarke) Karthik. & Moorthy

4. Distribution:

Global: India.

India: Assam and Peninsular India.

5. Indigenous/Exotic/Endemic; Cultivated/Wild: Endemic and Wild

6. Threat Status:

IUCN:

BSI

7. Habit and Habitat: Shrub. Deciduous forests and scrub jungles.

8. Life Form: Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ Neocentric Chromosomes etc):

Image file

16. Ploidy level:

Image file

17. Agametoploidy:

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

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

21. Somatic chromosomes:

Karyotype

Chromosome size:

NOR chromosome(s)

Degree of asymmetry

Image

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes: GISH.

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29. Any other information: (Translocations; Inversion; Female meiosis; Male meiosis; Male sterility)