Species Datasheet

Datasheet No. A-377.034.003 **DBT- Network Programme**
(family.genus.species)

-

1. Taxon:

Species: *Rungia elegans* Dalzell & A.Gibson
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms: *Diapedium elegans* (Dalzell & Gibbs) Kuntze

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
  - Clade: Angiosperms
  - Clade: Eudicots
  - Clade: Superasterids
  - Clade: Asterids
  - Order: Lamiales Bromhead
  - Family: Acanthaceae Juss.
  - Genus: *Rungia* Nees
- Species: *R. elegans* Dalzell & A.Gibson

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
  - Ordo: Acanthaceae Juss.
- Genus: *Rungia* Nees
- Species: *R. elegans* Dalzell & A.Gibson

4. Distribution:

Global: India

India: Peninsular India

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb. Grows in evergreen forest.

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):

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, aneusomaty, polysomaty):

21. Somatic chromosomes:

Karyotype –

Chromosome size -

NOR chromosome(s) -

Degree of asymmetry:

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

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 (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stain ability; Translocations etc):