

Species Datasheet

Datasheet No. A-377.034.010
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species:
Subspecies:
Variety: *Rungia longifolia* var. *latifolia* Wight ex C.B. Clarke
Cultivar:
Hybrid:

Image file

2. Synonyms: *Rungia longifolia* var. *latior*

3. Systematic Position:

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| <p>APG IV (2016)</p> <ul style="list-style-type: none">• Kingdom: Plantae• Clade: Angiosperms• Clade: Eudicots• Clade: Asterids• Order: Lamiales Bromhead• Family: Acanthaceae Juss.• Genus: <i>Rungia</i> Nees• Species: <i>R. longifolia</i> Nees• Variety: <i>Rungia longifolia</i> var. <i>latifolia</i> Wight ex C.B. Clarke | <p>Bentham and Hooker (1862)</p> <p>Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Bicarpellatae
Cohors: Personales
Order-Lamiales
Genus: <i>Rungia</i> Nees
Species: <i>R. longifolia</i> Nees
Variety: <i>Rungia longifolia</i> var. <i>latifolia</i> Wight ex C.B. Clarke</p> |
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4. Distribution:

Global: India

India: Kerala and Tamil Nadu

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Herb. Found 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, aneusomy, polysomy):

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):