

Species Datasheet

Datasheet No. A-377.034.009
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species:

Subspecies:

Variety: *Rungia longifolia* var. *anamalayana* (Chandrab. & V. Chandras.) Karthik. & Moorthy

Cultivar:

Hybrid:

Image file:

2. **Synonyms:** *Rungia latior* var. *anamalayana* Chandrab. & V. Chandras

3. Systematic Position:

APG IV (2016)	Bentham and Hooker (1862)
• Kingdom: Plantae	Kingdom: Plantae
• Clade: Angiosperms	Division: Phanerogamia
• Clade: Eudicots	Class: Dicotyledons
• Clade: Superasterids	Subclass: Gamopetalae
• Clade: Asterids	Series: Bicarpellatae
• Order: Lamiales	Cohors: Personales
• Family: Acanthaceae Juss.	Family: Acanthaceae Juss.
• Genus: <i>Rungia</i> Nees	Genus: <i>Rungia</i> Nees
• Species: <i>Rungia longifolia</i> Nees	Species: <i>Rungia longifolia</i> Nees
• Variety: <i>Rungia longifolia</i> var. <i>anamalayana</i> (Chandrab. & V. Chandras.) Karthik. & Moorthy	Variety: <i>Rungia longifolia</i> var. <i>anamalayana</i> (Chandrab. & V. Chandras.) Karthik. & Moorthy

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, 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):