

Species Datasheet

Datasheet No. A-377.030.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Phaulopsis imbricata* (Forssk.) Sweet

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Aetheilema anisophyllum* R.Br., *A. anisophyllum* E.Mey. ex Nees, *A. glutinosum* Steud., *A. imbricatum* R.Br., *A. imbricatum* (Forssk.) Spreng., *A. imbricatum* var. *minus* Nees, *A. longifolium* Spreng., *A. mucronatum* Griff., *A. parviflorum* Spreng., *A. reniforme* Nees, *A. rothii* Steud., *A. imbricata* Raf., *Barleria inaequalis* Hochst. ex A.Rich., *Blechum anisophyllum* Juss., *Micranthus longifolius* Kuntze, *M. oppositifolius* var. *longifolius* Benoist, *Phaulopsis imbricata* subsp. *imbricata*, *P. inaequalis* Pic. Serm., *P. longifolia* Sims, *P. parviflora* Willd., *Ruellia imbricata* Forssk.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Phaulopsis* Willd.
- Species: *P. imbricata* (Forssk.) Sweet

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Phaulopsis* Willd.
- Species: *P. imbricata* (Forssk.) Sweet

4. Distribution:

Global: China, Congo, Cambodia, Ethiopia, Gambia, India, Indochina, Laos, Madagascar, Namibia, Tropical Africa, Sri Lanka, Swaziland and Vietnam

India: Goa, Karnataka, Kerala, Maharashtra and Tamil Nadu

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Herb. Semi-evergreen and deciduous forests, also in the plains.

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):