

Final Species Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-284.002.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Drosera burmannii* Vahl
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:** *Drosera burmanni* var. *dietrichiana* (Rchb.f.) Diels, *D. dietrichiana* Rchb.f.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Superasterids
- Order: Caryophyllales Juss. ex Bercht. & J. Presl
- Family: Droseraceae Salisb.
- Genus: *Drosera* L.
- Species: *D. burmanni* Vahl

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetaleae
- Series: Calyciflorae
- Cohors: Rosales Bercht. & J. Presl
- Ordo: Droseraceae Salisb.
- Genus: *Drosera* L.
- Species: *D. burmanni* Vahl

4. Distribution:

Global: Tropical & Subtropical Asia to Western Pacific

India: Throughout India

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. **Habit and Habitat:** Herb; Wet shallow and poor nutrient soils, overlaying rocks and in wet muds, in swamps, marshes, pools and streams, and in open humid soils

8. **Life Form:** Halophyte

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. **DNA**

C-value

2C (0.63 – 0.97 pg)¹

Methodology

Flow cytometry¹

12. **Basic chromosome number(s):**

13. **Zygotic chromosome number(s):** 2n = 20^{1,2,3,4,5}

14. **Gametic chromosome number(s):**

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

Image file

16. Ploidy level: Diploid¹

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

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Aponixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):