

Final Species Datasheet

Datasheet No. A-284.002.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Drosera indica* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:

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. indica* L.

Bentham and Hooker (1862)

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

4. Distribution:

Global: Angola, Bangladesh, Benin, Borneo, Burkina, Cambodia, Cameroon, Central African Repu, Chad, China Southeast, Congo Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Hainan, India, Ivory Coast, Japan, Java, Kenya, Laos, Lesser Sunda Islan Liberia, Madagascar, Malaya, Mali, Mozambique, Myanmar, Namibia, New Guinea, Niger, Nigeria, Northern Provinces, Philippines, Senegal, Sierra Leone, Sri Lanka, Sudan, Sulawesi, Sumatera, Taiwan, Tanzania, Thailand, Togo, Uganda, Vietnam, Zambia, Zaïre, Zimbabwe

India: Deccan Peninsula up to Chotanagpur of Jharkhand

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, overlying 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

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=28^{3,6,7}$

14. **Gametic chromosome number(s):** $n=14^{6,8}$

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

Image file

27. **Chromosome distribution at anaphase I:**

28. **Genetic diversity:**

Chromosomal level

Image file

DNA level

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