

Species Datasheet

Datasheet No. A-061.091.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species:

Subspecies:

Variety: *Satyrium nepalense* var. *ciliatum* (Lindl.) Hook.f.

Cultivar

Hybrid

Image file

2. Synonyms: *Satyrium maceras* Schltr., *Satyrium ciliatum* Lindl., *Satyrium mairei* Schltr., *Satyrium setchuenicum* Kraenzl., *Satyrium tenii* Schltr., *Satyrium tschangii* Schltr.

3. Systematic Position:

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Ophrydeae

Subtribus: Habenariae

Genus: *Satyrium* Sw.

Species: *Satyrium nepalense* D. Don

Variety: *Satyrium nepalense* var. *ciliatum* (Lindl.) Hook.f.

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Satyrium* Sw.
- Species: *Satyrium nepalense* D. Don
- Variety: *Satyrium nepalense* var. *ciliatum* (Lindl.) Hook.f.

4. Distribution:

Global: China South-Central, China Southeast, India, Nepal, Tibet

India: Sikkim, Uttarakhand, West Bengal

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Terrestrial tuberous herb

8. Life Form: Cryptophytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=$

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=$

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

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;Translocationsetc.):**