Genus Datasheet

Datasheet No. A-061.091 **DBT- Network Programme**
(Family.Genus)

1. Genus:*Satyrium* Sw.

2. Systematic Position:

Bentham and Hooker (1862)
Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Ophrydeae
Subtribus: Habenarieae
Genus: *Satyrium* Sw.

APG IV (2016)

- Kingdom: Plantae
- Clade: Angisperms
- Clade: Monocots
- Order: Asparagales Link
- Family: OrchidaceaeJuss.
- Subfamily:Orchidoideae
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Satyrium* Sw.

3. Species:

Global: 90

India:1

4. Taxonomic riddles:[1]

5. Distribution:

Global: Angola, Burundi, Cameroon, Cape Provinces, Central African Repu, China South-Central, China Southeast, Comoros, Congo, East Himalaya, Ethiopia, Free State, Guinea, India, Kenya, KwaZulu-Natal, Lesotho, Madagascar, Malawi, Mozambique, Myanmar, Nepal, Nigeria, Northern Provinces, Pakistan, Rwanda, Réunion, Sierra Leone, Sri Lanka, Sudan, Swaziland, Tanzania, Thailand, Tibet, Uganda, West Himalaya, Yemen, Zambia, Zaïre, Zimbabwe

India: Andhra Pradesh, Arunachal Pradesh, Himachal Pradesh, Jammu Karnataka, Kerala, Manipur, Meghalaya, Nagaland, Sikkim, Tamil Nadu, Ut Bengal

6. Habit and Habitat: Terrestrial herb, grasslands, on higher hills in moist soil

7.Economic Importance: Cultivated ornamental, medicinal

8. DNA content range: **Methodology**

9. Basic chromosome number(s): x=41[2, 7, 8, 9, 10, 13, 14]

10. Zygotic chromosome number(s): 2n=82[2, 7, 9, 14] ,123[7, 12] , 164[3, 4, 5, 6, 11, 13]

11. Gametic chromosome number(s): n=41[2, 7, 8, 10, 13] **,** 82 [4, 5, 9, 11]

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/ Neocentric chromosomes):

13. Ploidy level: Diploid[2, 7, 8, 9, 10, 13, 14] ,

Triploid [7, 12] ,

Tetraploid[3, 4, 5, 6, 9, 11, 13]

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms: [5]

Meiosis:[4, 5, 8, 9, 10]

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: