

Genus Datasheet

Datasheet No. A-416.024
(Family: Genus)

DBT- Network Programme

1. Genus: *Hymenidium* Lindl.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Hymenidium* Lindl.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Hymenidium* Lindl.

3. Species:

Global: 41

India: 6

4. Taxonomic riddles:

5. Distribution:

Global: China, India, Kazakhstan, Kirgizstan, Myanmar, Nepal, Qinghai, Tadzhikistan, Tibet, Uzbekistan, Xinjiang

India: Himalaya, Northeast India

6. Habit and Habitat: Herb

7. Economic Importance: Medicinal

8. DNA content range:

2C

4C

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=22^{1,2,5}$; $2n=33^2$

11. Gametic chromosome number(s): $n=11^{3,4}$

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

13. Ploidy level:

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

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

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship atChromosomal; DNAlevel: DNA level⁶

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 5/6