

Genus Datasheet

Datasheet No. A-416.052
(Family.Genus)

DBT- Network Programme

1. Genus:*Vicatia* DC.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 3

India: 3

4. Taxonomic riddles:

5. Distribution:

Global:Altay, Kazakhstan, Kirgizstan, Krasnoyarsk, Tadzhikistan, Uzbekistan, India, West Siberia, Xinjiang

India: Himalaya

6. Habit and Habitat:Herb

7.Economic Importance:

8. DNA content range:

2C

4C

Methodology

9. Basic chromosome number(s): x=11⁵

10. Zygotic chromosome number(s):2n=22^{1,3,4}; 2n=24⁴;2n=44⁵

11. Gametic chromosome number(s): $n=11^{2,3}$; $n=12^6$; $n=22^5$

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

13. Ploidy level: Diploid³; tetraploid⁵

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

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

16. Karyograms: Meiosis:⁵

17. Banding pattern(s):

18. Physical mapping of chromosomes: GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 3/4