

Genus Datasheet

Datasheet No. A-416.029
(Family.Genus)

DBT- Network Programme

1. Genus:*Pastinaca* L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 15

India: 1

4. Taxonomic riddles:

5. Distribution:

Global:Albania, Altay, Austria, Balears, Baltic States, Belarus, Belgium, Bulgaria, Central European Rus, Corse, Czechoslovakia, East European Russia, France, Germany, Great Britain, Greece, Hungary, Italy, Kazakhstan, Krasnoyarsk, Krym, Netherlands, Poland, Romania, Sardegna, South European Russia, Spain, Switzerland, Transcaucasus, Turkey, Turkey-in-Europe, Ukraine, West Siberia, Yugoslavia, Aleutian Island, Algeria, Argentina Northeast, Argentina, Bolivia, Buryatiya, Cape Provinces, Chile, Colorado, Cuba, Denmark, Dominican Republic, Ecuador, Finland, Free State, Haiti, Illinois, India, Ireland, Irkutsk, Jamaica, Kentucky, Kirgizstan, KwaZulu-Natal, Laos, Morocco, Myanmar, New Mexico, North European Russia, Northern Provinces, Norway, Peru, Portugal, Primorye, Sweden, Tadzhikistan, Tennessee, Uruguay, Uzbekistan, Vermont

India:Cultivated

6. Habit and Habitat:Herb; cultivated

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=22^{1,2,3,4,5}$

11. Gametic chromosome number(s): $n=11^{6,7}$

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 at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 1/1