

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.012
(Family.Genus)

DBT- Network Programme

1. Genus:*Chaerophyllum* L.

2. Systematic position:

APG IV (2019)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 69

India: 2

4. Taxonomic riddles:

5. Distribution:

Global:Afghanistan, Alabama, Albania, Algeria, Altay, Argentina Northeast, Argentina Northwest, Argentina South, Austria, Azores, Baltic States, Belarus, Belgium, Bolivia, Borneo, Bulgaria, Central European Rus, Chile South, China South-Central, Colombia, Corse, Costa Rica, Czechoslovakia, Denmark, East European Russia, East Himalaya, Ecuador, Falkland Island, Finland, Florida, France, France, Germany, Great Britain, Greece, Guatemala, Hungary, Illinois, India, Iran, Iraq, Ireland, Irkutsk, Italy, Kansas, Kazakhstan, Kentucky, Kirgizstan, Krasnoyarsk, Kriti, Krym, Lebanon-Syria, Mexico Central, Mexico Gulf, Mexico Northeast, Mexico Southwest, Michigan, Mississippi, Missouri, Mongolia, Morocco, Nepal, Netherlands, New Guinea, New South Wales, New Zealand North, New Zealand South, North Carolina, North Caucasus, North European Russi, Northwest European R, Pakistan, Pennsylvania, Peru, Poland, Portugal, Romania, Sardegna, Sicilia, South Australia, South Carolina, South European Russi, Spain, Sweden, Switzerland, Tadzhikistan, Taiwan, Tasmania, Tennessee, Texas, Tibet, Transcaucasus, Tunisia, Turkey, Turkey, Turkey-in-Europe, Turkmenistan, Ukraine, Uzbekistan, Victoria, Virginia, West Himalaya, West Siberia, Xinjiang, Yugoslavia, British Columbia, Korea, New Jersey, Oregon, Québec, Washington

India: Himalaya, North East India

6. Habit and Habitat:Herb

7.Economic Importance:

8. DNA content range:

Methodology

2C

4C

9. Basic chromosome number(s):

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

11. Gametic chromosome number(s): $n = 11^{1,3,4,5}$

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

13. Ploidy level: Diploid³

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: DNA level⁶

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 1/2