

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.013

(Family.Genus)

DBT- Network Programme

1. Genus:*Cicuta* L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 4

India: 1

4. Taxonomic riddles:

5. Distribution:

Global:Alabama, Alaska, Albania, Alberta, Altay, Amur, Arizona, Arkansas, Austria, Baltic States, Belarus, Belgium, British Columbia, Bulgaria, Buryatiya, California, Central European Rus, China, Chita, Colorado, Connecticut, Czechoslovakia, Delaware, Denmark, District of Columbia, East European Russia, Finland, Florida, France, Georgia, Germany, Great Britain, Greece, Hungary, Idaho, Illinois, Indiana, Inner Mongolia, Iowa, Ireland, Irkutsk, Italy, Japan, Kamchatka, Kansas, Kazakhstan, Kentucky, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Kuril Island, Louisiana, Magadan, Maine, Manchuria, Manitoba, Maryland, Massachusetts, Mexico Northeast, Michigan, Minnesota, Mississippi, Missouri, Mongolia, Montana, Nebraska, Netherlands, Nevada, New Brunswick, New Hampshire, New Jersey, New Mexico, New York, Newfoundland, North Carolina, North Caucasus, North Dakota, North European Russi, Northwest European R, Northwest Territorie, Norway, Nova Scotia, Nunavut, Ohio, Oklahoma, Ontario, Oregon, Palestine, Pennsylvania, Poland, Primorye, Prince Edward I., Québec, Rhode I., Romania, Sakhalin, Saskatchewan, South Carolina, South Dakota, Sweden, Switzerland, Tennessee, Texas, Transcaucasus, Turkey, Tuva, Ukraine, Vermont, Virginia, Washington, West Himalaya, West Siberia, West Virginia, Wisconsin, Xinjiang, Yakutskiya, Yugoslavia, Yukon

India:Jammu and Kashmir

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): $2n=22^{1,2,3,4,5}$

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: DNA level⁹

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

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