

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.005

(Family.Genus)

DBT- Network Programme

1. Genus:*Angelica* L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 105

India: 5

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Alabama, Alaska, Albania, Aleutian Island, Altay, Amur, Arizona, Arkansas, Austria, Azores, Baltic States, Belarus, Belgium, British Columbia, Bulgaria, Buryatiya, California, Central European Rus, China, Chita, Colorado, Connecticut, Corse, Czechoslovakia, Delaware, Denmark, East European Russia, East Himalaya, Finland, Florida, France, Føroyar, Georgia, Germany, Great Britain, Greece, Greenland, Hungary, Iceland, Idaho, Illinois, Indiana, Inner Mongolia, Iowa, Ireland, Irkutsk, Italy, Japan, Kamchatka, Kazakhstan, Kentucky, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Kuril Island, Louisiana, Magadan, Maine, Manchuria, Maryland, Massachusetts, Mexico Central, Mexico Gulf, Mexico Northeast, Mexico Southwest, Michigan, Minnesota, Mississippi, Missouri, Mongolia, Montana, Nansei-shoto, Nepal, Netherlands, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North European Russia, Northwest European R, Norway, Ogasawara-shoto, Ohio, Oklahoma, Ontario, Oregon, Pakistan, Pennsylvania, Poland, Portugal, Primorye, Qinghai, Rhode I., Romania, Sakhalin, Sicilia, South Carolina, South European Russia, Spain, Sweden, Switzerland, Tadzhikistan, Taiwan, Tennessee, Tibet, Transcaucasus, Turkey, Turkey-in-Europe, Turkmenistan, Tuva, Ukraine, Utah, Uzbekistan, Vermont, Vietnam, Virginia, Washington, West Himalaya, West Siberia, West Virginia, Wisconsin, Wyoming, Xinjiang, Yakutskiya, Yugoslavia, Yukon, New Zealand

India: Himalaya

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): $2n=22^{1,2}$; $2n=44^4$

11. Gametic chromosome number(s):

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 level^{5,6,7}

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 3/5