

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.006
(Family.Genus)

DBT- Network Programme

1. Genus:*Anthriscus* Pers.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 14

India: 4

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Albania, Algeria, Altay, Amur, Austria, Balears, Baltic States, Belarus, Belgium, Bulgaria, Buryatiya, Canary Island, China, Corse, Cyprus, Czechoslovakia, Denmark, East Aegean Island, East European Russia, Ethiopia, Finland, France, Germany, Great Britain, Greece, Hungary, Inner Mongolia, Iran, Iraq, Ireland, Irkutsk, Italy, Japan, Kamchatka, Kazakhstan, Kenya, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Kriti, Krym, Kuril Island, Laos, Lebanon-Syria, Madeira, Magadan, Manchuria, Mongolia, Morocco, Nepal, Netherlands, North Caucasus, North European Russi, Northwest European R, Norway, Pakistan, Palestine, Poland, Portugal, Romania, Rwanda, Sakhalin, Sicilia, South European Russi, Spain, Sweden, Switzerland, Tadzhikistan, Tanzania, Tibet, Transcaucasus, Tunisia, Turkey, Turkey-in-Europe, Turkmenistan, Tuva, Uganda, Ukraine, Uzbekistan, West Himalaya, West Siberia, Xinjiang, Yakutskiya, Yemen, Yugoslavia, Zaïre, Alabama, Argentina Northwest, Argentina South, Bermuda, Cameroon, Cape Provinces, Chile Central, Chile South, Delaware, Egypt, Illinois, Lesotho, Libya, Maryland, Massachusetts, New Zealand North, New Zealand South, South Georgia, Vermont

India: Central and Western Himalaya

6. Habit and Habitat: Herb

7. Economic Importance:

8. DNA content range:

Methodology

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=14^{12,3,4,5}$; $2n=16^{7,11,12,13}$; $2n=36^{8,9,10}$

11. Gametic chromosome number(s): $n=7^6$; $n=18^{8,9}$

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, aneusomy, polysomy):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level¹⁶

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

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