

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.020

(Family.Genus)

DBT- Network Programme

1. Genus: *Eryngium* L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 241

India: 4

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Alabama, Albania, Algeria, Altay, Argentina Northeast, Argentina, Arizona, Arkansas, Austria, Balears, Baltic States, Belgium, Belize, Bolivia, Brazil, Bulgaria, California, Central European Rus, Chile Central, Chile North, Chile South, Colombia, Connecticut, Corse, Costa Rica, Cuba, Cyprus, Czechoslovakia, Delaware, Denmark, Dominican Republic, East Aegean Island, East European Russia, Ecuador, Egypt, El Salvador, Finland, Florida, France, French Guiana, Georgia, Germany, Great Britain, Greece, Guatemala, Gulf of Guinea Island, Guyana, Haiti, Honduras, Hungary, Idaho, Illinois, Indiana, Iran, Iraq, Ireland, Italy, Jamaica, Juan Fernández Island, Kansas, Kazakhstan, Kentucky, Kirgizstan, Kriti, Krym, Lebanon-Syria, Leeward Island, Libya, Louisiana, Maluku, Maryland, Mexico Central, Mexico Gulf, Mexico Northeast, Mexico Northwest, Mexico Southeast, Mexico Southwest, Minnesota, Mississippi, Missouri, Mongolia, Montana, Morocco, Myanmar, Netherlands, Nevada, New Jersey, New Mexico, New South Wales, New Zealand, Nicaragua, North Carolina, North Caucasus, Norway, Oklahoma, Oregon, Pakistan, Palestine, Panamá, Paraguay, Peru, Poland, Portugal, Puerto Rico, Queensland, Romania, Sardegna, Saudi Arabia, Sicilia, Sinai, South Australia, South Carolina, South European Russia, Southwest Caribbean, Spain, Suriname, Switzerland, Tadzhikistan, Tasmania, Tennessee, Texas, Transcaucasus, Trinidad-Tobago, Tunisia, Turkey, Turkey, Turkmenistan, Ukraine, Uruguay, Uzbekistan, Venezuela, Victoria, Virginia, Washington, West Himalaya, West Siberia, Western Australia, Windward Island, Wisconsin, Xinjiang, Yugoslavia

India: Himalaya, South 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): $2n=16^{1,2,3,6,7,8,9}$; $2n=28^4$

11. Gametic chromosome number(s): $n=8^{5,7}$

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 = 4/4