

Genus Datasheet

Datasheet No. A-416.021
(Family:Genus)

DBT- Network Programme

1. Genus:*Foeniculum* Mill.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 3

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Albania, Algeria, Azores, Balears, Bulgaria, Canary Island, Cape Verde, Chad, Corse, East Aegean Island, Egypt, Eritrea, Ethiopia, France, Greece, Gulf States, Iran, Italy, Kriti, Libya, Madeira, Morocco, Myanmar, Nepal, North Caucasus, Pakistan, Portugal, Sardegna, Saudi Arabia, Sicilia, Sinai, Spain, Tadzhikistan, Transcaucasus, Tunisia, Turkey, Turkey-in-Europe, Turkmenistan, Uzbekistan, Yemen, Yugoslavia, Amsterdam-St.Paul Is, Angola, Argentina Northeast, Argentina Northwest, Argentina South, Austria, Bahamas, Bangladesh, Belgium, Bermuda, Brazil South, Brazil Southeast, California, Cape Provinces, Chile, China, Colombia, Cuba, Czechoslovakia, Djibouti, Dominican Republic, Ecuador, El Salvador, Fiji, Germany, Great Britain, Guatemala, Gulf of Guinea Island, Hainan, Haiti, Hungary, Illinois, India, Inner Mongolia, Ireland, Jamaica, Juan Fernández Island, Kazakhstan, Kentucky, Kenya, Korea, Krym, KwaZulu-Natal, Leeward Island, Manchuria, Mauritius, Mexico Northwest, Mozambique, Netherlands, New Mexico, New Zealand North, New Zealand South, Niue, Norfolk Island, Northern Provinces, Paraguay, Peru, Poland, Puerto Rico, Qinghai, Rodrigues, Romania, Réunion, Society Island, Somalia, South European Russia, St.Helena, Sudan, Switzerland, Tanzania, Tennessee, Tibet, Ukraine, Uruguay, Windward Island, Xinjiang, Zimbabwe

India:Karnataka, Madhya Pradesh, Punjab, Tamil Nadu, Tripura, West Bengal

6. Habit and Habitat:Herb

7.Economic Importance:Used as household remedy

8. DNA content range:

Methodology

2C (18.17 – 18.93 pg)¹

Microspectrophotometry¹

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=22$ ^{1,2,3,4,5,6,7}

11. Gametic chromosome number(s): $n=11$ ^{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, aneusomaty, polysomaty):

16. Karyograms:¹ 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 = 1/1