

Genus Datasheet

Datasheet No. A-416.047
(Family.Genus)

DBT- Network Programme

1. Genus: *Torilis* Adans.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 13

India: 4

4. Taxonomic riddles:

5. Distribution:

Global: Albania, Algeria, Angola, Austria, Azores, Balears, Baltic States, Belarus, Belgium, Bulgaria, Cameroon, Canary Island, Cape Provinces, Corse, Cyprus, Czechoslovakia, Denmark, Djibouti, East Aegean Island, East European Russia, Egypt, Eritrea, Ethiopia, Finland, France, Germany, Great Britain, Greece, Gulf States, Hungary, India, Iran, Iraq, Ireland, Italy, Japan, Kazakhstan, Kenya, Kirgizstan, Korea, Kriti, Krym, Kuril Island, Libya, Madeira, Malawi, Morocco, Mozambique, Myanmar, Netherlands, Northwest European R, Norway, Oman, Palestine, Poland, Portugal, Primorye, Romania, Sardegna, Saudi Arabia, Sicilia, Sinai, Somalia, South European Russia, Spain, Sudan, Sweden, Switzerland, Tadzhikistan, Tanzania, Tunisia, Turkey, Turkey-in-Europe, Turkmenistan, Uganda, Ukraine, Uzbekistan, West Himalaya, Yemen, Yugoslavia, Zimbabwe, Alabama, Argentina Northeast, Argentina Northwest, Bermuda, Bolivia, Brazil South, Chile Central, Delaware, Florida, Haiti, Hawaii, Illinois, Juan Fernández Island, Kentucky, Mauritius, Mexico, Norfolk Island, North Carolina, Oregon, Peru, Réunion, St.Helena, Tennessee, Uruguay

India: Himalaya

6. Habit and Habitat: Herb

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=12^{1,2,3,4,5,6,7,11}$; $2n=16^{1,5,6,9,10}$; $2n=24^{1,6,12}$

11. Gametic chromosome number(s): $n=6^{1,5,6,8}$; $n=8^{1,5,6,9,10}$; $n=12^{1,6,8}$

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