

Species Datasheet

Datasheet No. A-416.047.003
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Torilis leptophylla* (L.) Rchb.f.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Anthriscus leptophylla* (L.) Koso-Pol., *Caucalis humilis* Jacq., *C. leptophylla* L., *Caucalis parviflora* Lam., *C. xanthotricha* Steven, *D. leptophylla* (L.) Pomel, *D. leptophyllus* (L.) Scop., *Nigera parviflora* Bubani, *Pullipes leptophylla* (L.) Raf., *Torilis xanthotricha* (Steven) Schischk.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Torilis* Adans.
- Species: *T. leptophylla* (L.) Rchb.f.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Torilis* Adans.
- Species: *T. leptophylla* (L.) Rchb.f.

4. Distribution:

Global: Albania, Algeria, Balears, Bulgaria, Canary Island, Corse, East Aegean Island, France, Greece, India, Italy, Kazakhstan, Kirgizstan, Kriti, Krym, Libya, Madeira, Morocco, Portugal, Saudi Arabia, Sinai, Spain, Tadzhikistan, Tunisia, Turkey-in-Europe, Turkmenistan, Uzbekistan, Yugoslavia, Austria, Central European Rus, Czechoslovakia, Netherlands, Switzerland, Ukraine

India: Northwestern India

5. Indigenous/Exotic/Endemic; Cultivated/Wild: Wild

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Herb

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=12^{1,3,4,5,6,11}$

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

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16. Ploidy level:

Image file

17. Agametoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

21. Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):