

Species Datasheet

Datasheet No. A-416.047.001
(family.genus.species)

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1. Taxon:

Species: *Torilis arvensis* (Huds.) Link
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:** *Torilis arvensis* var. *elatior* Thell., *Torilis arvensis* subsp. *purpurea* (Guss.) Thell.

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. arvensis* (Huds.) Link

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Torilis* Adans.
- Species: *T. arvensis* (Huds.) Link

4. Distribution:

Global: Albania, Algeria, Austria, Azores, Belgium, Bulgaria, Corse, Czechoslovakia, Egypt, France, Germany, Great Britain, Greece, Hungary, Italy, Kazakhstan, Kirgizstan, Kriti, Krym, Madeira, Morocco, Netherlands, Poland, Portugal, Romania, Sardegna, Saudi Arabia, Sicilia, South European Russi, Spain, Switzerland, Tadzhikistan, Tunisia, Turkey-in-Europe, Turkmenistan, Ukraine, Uzbekistan, Yemen, Yugoslavia, Alabama, Brazil South, Cape Provinces, Chile Central, Delaware, Florida, Hawaii, Illinois, Kentucky, Mexico, St.Helena, Tanzania, Tennessee, Uruguay

India: Kashmir

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):** $2n=12^{1,2,3,4,5,6,7}$

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

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):