

Final Species Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.006.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Anthriscus nemorosa* (M.Bieb.) Spreng.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Anthriscus aemula* (Woronow) Schischk., *A. anatolica* Boiss., *A. macrocarpa* Boiss. & Heldr., *A. rivularis* Dolliner ex Vuk., *A. villosa* Boiss., *Centhriscus nemorosa* (M.Bieb.) Spreng., *Chaerifolium nemorosum* (M.Bieb.) Bornm., *C. lucidum* Desf., *C. nemorosum* M.Bieb., *Myrrhodes nemorosum* (M.Bieb.) Kuntze, *Scandix nemorosa* (M.Bieb.) Hornem.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Anthriscus* Pers.
- Species: *A. nemorosa* (M.Bieb.) Spreng.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Anthriscus* Pers.
- Species: *A. nemorosa* (M.Bieb.) Spreng.

4. Distribution:

Global: Afghanistan, Albania, Bulgaria, China, East European Russia, Greece, Inner Mongolia, Iran, Iraq, Italy, Japan, Kazakhstan, Kriti, Krym, Lebanon-Syria, Manchuria, Nepal, Pakistan, Romania, Sicilia, Tanzania, Tibet, Transcaucasus, Turkey, Turkmenistan, Uzbekistan, India, Xinjiang, Yugoslavia

India: Western Himalaya

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Herb

8. Life Form:Phanerophyte

9. Economic Importance:The leaves are antirheumatic, rubefacient and tonic

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=16^7$

14. Gametic chromosome number(s):

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; Translocation etc):