

Final Species Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.006.004
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Anthriscus sylvestris* (L.) Hoffm.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Anthriscus alpina* (Vill.) Jord., *A. candollei* Rouy & E.G. Camus, *A. chaerophyllea* (Lam.) Druce, *A. elatior* Besser, *A. intermedia* Schur, *A. keniensis* H. Wolff, *A. laevigata* Griseb., *A. pilosa* Schur, *A. procera* Besser, *A. torquata* Duby, *A. yunnanensis* W.W. Sm., *Carum sylvestre* (L.) Baill., *Caucalis aequicolorum* All., *Cerfolium tenuifolium* Beck, *Chaerofolium sylvestre* (L.) Schinz, *Chaerophyllum alpinum* Vill., *C. angulatum* Kit. ex Spreng., *C. ateanum* (Pau) Pau, *C. cadonense* Schult. ex Steud., *C. ghilanicum* Stapf & Wettst., *C. infestum* Salisb., *C. lactescens* Rochel ex Steud., *C. sylvestre* L., *Myrrhis chaerophyllea* Lam., *Myrrhis chaerophylloides* Hance, *M. sylvestris* (L.) Spreng., *M. torquata* (Duby) Schult., *Oreochorte yunnanensis* (W.W. Sm.) Koso-Pol., *Ptychotis sylvestris* (L.) Royle, *Scandix sylvestris* (L.) Vest

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. sylvestris* (L.) Hoffm.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Anthriscus* Pers.
- Species: *A. sylvestris* (L.) Hoffm.

4. Distribution:

Global: Albania, Altay, Amur, Austria, Baltic States, Belarus, Belgium, Bulgaria, Buryatiya, China, Czechoslovakia, Denmark, East European Russia, Ethiopia, Finland, France, Germany, Great Britain, Greece, Hungary, Inner Mongolia, Iran, Iraq, Ireland, Irkutsk, Italy, Kamchatka, Kazakhstan, Kenya, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Krym, Kuril Is., Magadan, Manchuria, Mongolia, Netherlands, North Caucasus, North European Russia, Northwest European R, Norway, Poland, Portugal, Romania, Rwanda, Sakhalin, South European Russia, Spain, Sweden, Switzerland, Tanzania, Transcaucasus, Turkey, Tuva, Uganda, Ukraine, West Siberia, Yakutskiya, Yemen, Yugoslavia, Zaïre, Cape Provinces, Chile South, Illinois, Lesotho, Madeira, Massachusetts, South Georgia, Vermont

India: Central and West 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 eaten raw, cooked as a potherb or used as a flavoring

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=16^{11,12,13}$

14. Gametic chromosome number(s): $n=8^{13,15}$; $n=24^{14}$

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):