

Species Datasheet

Datasheet No. A-416.053.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Visnagadaucooides* Gaertn.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Ammi dilatatum* St.-Lag., *A.visnaga* (L.) Lam., *A.visnaga* var. *longibracteatum* Zohary, *Apium visnaga* (L.) Crantz, *Carum visnaga* (L.) Koso-Pol., *Daucus laevis* Salisb., *D.visnaga* L., *Selinumvisnaga* (L.) E.H.L.Krause, *Sium visnaga* (L.) Stokes, *Visnaga vera* Raf.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Visnaga* Mill.
- Species: *V.daucooides* Gaertn.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Visnaga* Mill.
- Species: *V.daucooides* Gaertn.

4. Distribution:

Global: Albania, Algeria, Azores, Balears, Canary Island, Corse, Cyprus, East Aegean Island, Egypt, Eritrea, Ethiopia, France, Greece, India, Iran, Italy, Libya, Madeira, Morocco, Portugal, Sardegna, Sicilia, Spain, Tunisia, Turkey, Turkey-in-Europe, Vietnam

India: Jammu and Kashmir

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Herb; Fields and sandy places

8. Life Form:

9. Economic Importance: It is an effective muscle relaxant and has been used for centuries to alleviate the excruciating pain of kidney stones

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=22^1$

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):