

# Final Species Datasheet JamU+CalU+SUK-Phase I

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Datasheet No. A-416.015.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Conium maculatum* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Conium maculatum* var. *barceloi* O.Bolòs & Vigo, *C. maculatum* subsp. *croaticum* (Waldst. & Kit. ex Willd.) Drude, *C. maculatum* var. *divaricatum* (Boiss. & Orph.) Boiss., *C. maculatum* subsp. *divaricatum* (Boiss. & Orph.) Drude, *C. maculatum* var. *immaculatum* Schur, *C. maculatum* var. *leiocarpum* Boiss., *C. maculatum* subsp. *leiocarpum* (Boiss.) Drude, *C. maculatum* var. *viride* DC., *C. maculatum* subsp. *viride* (DC.) Espeut

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Conium* L.
- Species: *C. maculatum* L.

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Conium* L.
- Species: *C. maculatum* L.

## 4. Distribution:

**Global:** Afghanistan, Albania, Algeria, Austria, Balears, Baltic States, Belarus, Belgium, Bulgaria, Central European Rus, Corse, Cyprus, Czechoslovakia, Denmark, East Aegean Island, East European Russia, Ethiopia, Finland, France, Germany, Great Britain, Greece, Hungary, Iran, Ireland, Italy, Kazakhstan, Kirgizstan, Kriti, Krym, Lebanon-Syria, Libya, Morocco, Netherlands, North Caucasus, North European Russi, Northwest European R, Norway, Pakistan, Poland, Portugal, Romania, Sardegna, Saudi Arabia, Sicilia, South European Russi, Spain, Sweden, Switzerland, Tadjhikistan, Transcaucasus, Tunisia, Turkey, Turkey-in-Europe, Turkmenistan, Ukraine, Uzbekistan, Xinjiang, Yemen, Yugoslavia, Alabama, Altay, Amsterdam-St.Paul Is, Argentina Northeast, Argentina Northwest, Argentina South, Azores, Bolivia, Brazil South, Brazil Southeast, California, Canary Island, Cape Provinces, Cayman Island, Chile Central, Chile South, Colombia, Colorado, Dominican Republic, Ecuador, El Salvador, Falkland Island, Guatemala, Haiti, Honduras, Illinois, Juan Fernández Island, Kentucky, Korea, Krasnoyarsk, Madeira, Mozambique, New Mexico, New Zealand North, New Zealand South, Peru, Primorye, Tennessee, Uruguay, Vermont, West Siberia, Zimbabwe

**India:** Jammu and Kashmir

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

**6. Threat Status:**

IUCN

BSI

**7. Habit and Habitat:** Herb; Waste ground and in damp places

**8. Life Form:**

**9. Economic Importance:** It is a poisonous plant

**10. Probable Progenitor of:**

**11. DNA**

C-value

Methodology

**12. Basic chromosome number(s):**

**13. Zygotic chromosome number(s):**  $2n = 22^{1,2,3,4,5,6,7}$

**14. Gametic chromosome number(s):**  $n = 11^{8,9}$

**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):**