

# Species Datasheet

Datasheet No. A-416.032.022  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Pimpinellawallichiana*(Miq. ex Hohen.) Gandhi

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Pimpinella monoica* Dalzell

## 3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Pimpinella* L.
- Species: *P. wallichiana*(Miq. ex Hohen.) Gandhi

## Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Pimpinella* L.
- Species: *P. wallichiana*(Miq. ex Hohen.) Gandhi

## 4. Distribution:

Global: India

India: East to peninsular India

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

## 6. Threat Status:

IUCN: Not Evaluated

BSI

7. Habit and Habitat: Herb, on hills from 1000m by stream banks in shade and grasslands

## 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):**

**14. Gametic chromosome number(s):**  $n=10^3$

**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):**