

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

Datasheet No. A-416.001.004  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Acronema hookeri* (C.B.Clarke) H. Wolff

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Carum hookeri* (C.B.Clarke) Franch., *Pimpinella hookeri* C.B. Clarke

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Acronema* Falc. ex Edgew.
- Species: *A. hookeri* (C.B.Clarke) H. Wolff

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Acronema* Falc. ex Edgew.
- Species: *A. hookeri* (C.B.Clarke) H. Wolff

## 4. Distribution:

**Global:** Bhutan, India, Nepal

**India:** North East India

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. **Habit and Habitat:** Herb; forests, riversides, streamsides

8. **Life Form:** Phanerophyte

**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):**

**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):**