

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

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**Datasheet No. A-416.020.004**  
(family.genus.species)

**DBT- Network Programme**

## 1. Taxon:

Species: *Eryngium planum* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Eryngium planum* Lapeyr., *Eryngium planum* Lindl., *Eryngium planum* var. *armatum* Csató ex Simonk.

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Eryngium* Tourn. ex L.
- Species: *E. planum* L.

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Eryngium* Tourn. ex L.
- Species: *E. planum* L.

## 4. Distribution:

**Global:** Altay, Austria, Czechoslovakia, East European Russia, Germany, Hungary, India, Kazakhstan, Krym, Mongolia, Northwest European R, Poland, Romania, South European Russi, Transcaucasus, Turkey-in-Europe, Ukraine, West Siberia, Xinjiang, Yugoslavia, Colorado, Illinois, Primorye, Vermont

**India:** Jammu and Kashmir

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

**6. Threat Status:**

IUCN

BSI

**7. Habit and Habitat:** Herb; Common in orchards and cultivated areas

**8. Life Form:**

**9. Economic Importance:** The plant is diuretic

**10. Probable Progenitor of:**

**11. DNA**

C-value

Methodology

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

**13. Zygotic chromosome number(s):**  $2n=16^{8,9}$

**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, aneusomy, polysomy):**

**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; Translocations etc):**