

# Species Datasheet

Datasheet No. A-140.083.010  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Trigonellauncata* Boiss. & Noe  
Variety  
Cultivar  
Hybrid

## 2. Synonyms:

- *Trigonellahamosa* subsp. *uncata* (Boiss. & Noe) C.C. Towns.
- *Trigonellauncata* Boiss. & Noe

## 3. Systematic position: APG; Bentham and Hooker:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae
- Subfamily: Faboideae
- Genus: *Trigonella* L.
- Species: *Trigonellauncata* Boiss. & Noe

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: Rosales  
Ordo: Leguminosae  
Subordo: Papilionaceae  
Genus: *Trigonella* L.  
Species: *Trigonellauncata* Boiss. & Noe

## 4. Distribution:

**Global:** Afghanistan, Iran, India, Iraq, Israel-Jordan, Lebanon-Syria, Pakistan, Saudi Arabia, United Arab Emirates

**India:**

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

## 6. Threat Status:

IUCN:

BSI

## 7. Habit and Habitat: Habit: Erect herb

## 8. Life Form: Annual

## 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):**

**16. Ploidy level:**

**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**

**22. Banding pattern(s):**

**23. Physical mapping of chromosomes:**

**In situ hybridization**

**Fluorescent in situ hybridization**

**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**

**DNA level**

**29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):**