

# Species Datasheet

Datasheet No. A-140.084.028  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Cicermacracanthum* Popov

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Cicersongaricum* var. *spinosum* Aitch.

## 3. Systematic Position: APG IV; Bentham and Hooker:

### Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetales

Series: Calyciflorae

Cohors: Rosales Bercht. & J. Presl

Ordo: Leguminosae Juss.

Subordo: Papilionaceae Giseke

Genus: *Cicer* L.

Species: *Cicermacracanthum* Popov

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Cicer* L.
- Species: *Cicermacracanthum* Popov

## 4. Distribution:

Global: Afghanistan, India, Kirgizstan, Pakistan, Tadzhikistan, Uzbekistan.

India

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

**6. Threat Status:**

**IUCN**

**BSI**

**7. Habit and Habitat:** Not climbing, Shrub/Herb

**8. Life Form:** Perennial

**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<sup>49</sup>**

**29.Any other information (Aponixis; Inversion; Male sterility;Pollen grain mitosis;  
Pollen stainability;Translocationsetc.):**