

# Species Datasheet

Datasheet No. A-140.017.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Ornithopus perpusillus* L.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. Synonyms: *Ornithopus pusillus* Lepech.

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae Lindl.
- Genus: *Ornithopus* L.
- Species: *O. perpusillus* L.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: Rosales Bercht. & J. Presl  
Ordo: Leguminosae Juss.  
Subordo: Papilionaceae Giseke  
Genus: *Ornithopus* L.  
Species: *O. perpusillus* L.

## 4. Distribution:

**Global:** Algeria, Austria, Azores, Balearic Island, Belarus, Belgium, Corsica, Czech Republic & Slovakia, Denmark, Dnepropetrovsk, Estonia, France, Germany, Great Britain, Gruzia, Gruzia, India, Ireland, Italy, Kaliningrad, Kherson, Leningrad, Lithuania, Luxembourg, Lvov, Netherlands, New Zealand, Poland, Portugal, Romania, Sardinia, Spain, Sweden, Switzerland, Ukraine, United States

**India:** Tamil Nadu

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

## 6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Annual herb. Found in grassland and shrubland

8. Life Form: Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

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

**13. Zygotic chromosome number(s):**  $2n = 14^{1-10}$

**14. Gametic chromosome number(s):**

**15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):**

Image file

**16. Ploidy level:**

Image file

**17. Agameteoploidy:**

**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):**