

**Genus Datasheet**  
**DBT- Network Programme**

**Datasheet No. A-140.015**  
(family.Genus)

**1. Genus:** *Macroptilium* (Benth.) Urb.

**2. Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Macroptilium* (Benth.) Urb.

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: RosalesBercht. & J. Presl  
Ordo: Leguminosae Juss.  
Subordo: Mimoseae Bronn  
Genus: *Macroptilium* (Benth.) Urb.

**3. Species:**

**Global:** 21

**India:** 2

**4. Taxonomic riddles:**

**5. Distribution:**

**Global:** America, Australia, Caribbean, China, India Pakistan, Sri Lanka, Thailand, Vietnam

**India:** Andhra Pradesh, Karnataka, Kerala, Maharashtra, Orissa, Rajasthan, Tamil Nadu, West Bengal

**6. Habit and Habitat:** Climbing herb.

**7. Economic Importance:** Good nitrogen fixer and also used as forage

**8. DNA content range:**

**Methodology**

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

**10. Zygotic chromosome number(s):**  $2n = 22^{1,2,3,4}$

**11. Gametic chromosome number(s):**  $n = 11^3$

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

**13. Ploidy level:**

**14. Nature of polyploidy (auto, segmental, allo, autoallo):**

**15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**16. Karyograms:<sup>3</sup> Meiosis:<sup>3</sup>**

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

**18. Physical mapping of chromosomes: GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**

**22. Any other information:**