

1. Genus: *Lapsana* L.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Lapsana* L.

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Gamopetalae  
Series: Inferae  
Cohors: Asterales Link  
Ordo: Compositae Giseke  
Genus: *Lapsana* L.

3. Species:

Global: 6

India: 1

4. Taxonomic riddles: 10

5. Distribution:

**Global:** Bolivia, Canada, Chile, Europe, North & South Asia, South & North Africa, USA, Venezuela

**India:** North West Himalaya.

6. Habit and Habitat: Herb.

7. Economic Importance:

8. DNA content range:

**Methodology**

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):  $2n=12^{1,2}$ ,  $2n=14^{3-6}$ ,  $2n=16^{7-8}$

11. Gametic chromosome number(s):  $n=7^9$

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

**13. Ploidy level:**

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

**15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):**

**16. Karyograms:**

**Meiosis:<sup>9</sup>**

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

**18. Physical mapping of chromosomes:**

**GISH:**

**19. Phylogenetic relationship at:**

**Chromosomal level**

**DNA level<sup>10</sup>**

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

**21. Linkage map:**

**22. Any other information:**