

1. Genus: *Koelpinia* Pall.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasteride
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Koelpinia* Pall.

Benthm and Hooker (1862)

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

3. Species:

Global: 7

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Central and Western Asia, North Africa, South Russia.

India: Alpine & subalpine Western Himalaya.

6. Habit and Habitat: Herb. Found in gravelly deserts

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=9$ ¹

10. Zygotic chromosome number(s): $2n=36, 54$ ¹, $2n=42$ ², $2n=14, 40, 42, 56$ ³

11. Gametic chromosome number(s): $n=18$ ¹

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, aneusomaty, polysomaty):

16. Karyograms: Meiosis:¹

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: