

Species Datasheet

Datasheet No. A-403.036.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Koelpinia linearis* Pall.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Koelpinia latifolia* C. Winkl., *K. linearis* var. *linearis* L. f., *Rhagadiolus koelpinia* F. W. Schmidt, *R. koelpinia* Willd.

3. 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.
- Species: *K. linearis* Pall.

Bentham and Hooker (1862)

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

4. Distribution:

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

India: Alpine & subalpine Western Himalaya.

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

6. Threat Status:

IUCN:

BSI:

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

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s): $x=9$ ¹
13. Zygotic chromosome number(s): $2n=36, 54$ ¹, $2n=42$ ², $2n=14, 40, 42, 56$ ³
14. Gametic chromosome number(s): $n=18$ ¹
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

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc.):