

Species Datasheet

Datasheet No. A-140.044.006
(Family. Genus. Species)

DBT- Networ

1. Taxon:

Species: *Lespedeza juncea* (L.f.) Pers.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** [Hedysarum junceum](#) L.f., [H. junceum](#) Walter, [Lespedeza aitchisonii](#) Ricker, [L. cystoides](#) Nakai, [L. cytoides](#) (Pall.) Nakai, [L. hedysaroides](#) (Pall.) Kitag., [L. hedysaroides](#) (Pall.) Kitag., [L. hedysaroides](#) var. [subsericea](#) (Kom.) Kitag., [L. juncea](#) var. [subsericea](#) Kom., [L. juncea](#) var. [juncea](#), [L. juncea](#) var. [subsericea](#) Kom., [L. juncea](#) f. [umbrosa](#) Kom., [Trifolium cytoides](#) Pall., [T. hedysaroides](#) Pall.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae
- Subfamily: Faboideae
- Genus: *Lespedeza*
- Species: *L. juncea*

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales
Order: Leguminosae
Subordo: Papilionaceae
Genus: *Lespedeza*
Species: *L. juncea*

4. Distribution:

Global: Africa, Asia, Australasia, Europe, Indian Ocean, North America and Pacific Ocean

India: Arunachal Pradesh, Assam, Bihar, Himachal Pradesh, Jammu & Kashmir, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh and West Bengal

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Shrubs; Mountain slopes

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): $2n=22^{1,5,6}$

14. Gametic chromosome number(s):

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; Translocation etc):