

Species Datasheet

Datasheet No. A-140.044.008
(family.genus.species)

1. Taxon:

Species *Lespedeza juncea* var. *sericea*(Thunb.) Lace &Hauech
Variety
Cultivar
Hybrid

2. Synonyms:

- *Aspalathuscuneata*(Dum. Cours.) D. Don
- *Hedysarumsericeum*Thunb.
- *Lespedeza cuneata*(Dum.Cours.) G.Don
- *Lespedeza sericea*Benth.

3. Systematic Position: APG IV; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Lespedeza*Michx
- Species: *Lespedeza juncea*.

Bentham and Hooker (1862)

Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Lespedeza*Michx
Species: *Lespedeza juncea*.

4.Distribution:

Global: Afghanistan, Australia,Asia, Hawaii, Hong Kong, Papua New Guinea, South Africa, United States.

India:

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

6. Threat Status:

IUCN
BSI

7. **Habit and Habitat:** Non-climbing, Herb.

8. **Life Form:**Perennial

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. DNA

C-value

Methodology

12. **Basic chromosome number(s):** x=10¹⁴

13. **Zygotic chromosome number(s):**
14. **Gametic chromosome number(s):** $n=10$ ¹⁴
15. **Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):**
16. **Ploidy level:**
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:**
22. **Banding pattern(s):**
23. **Physical mapping of chromosomes:**
 - In situ hybridization**
 - Fluorescent in situ hybridization**
24. **Genomic in situ hybridization:**
25. **Linkage map:**
26. **Chromosome associations:**
 - Female meiosis**
 - Male meiosis**
27. **Chromosome distribution at anaphase I:**
28. **Genetic diversity:**
 - Chromosomal level**
 - DNA level:**
29. **Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc.):**