

Species Datasheet

Datasheet No. A-140.044.012
(Family. Genus. Species)

DBT- Networ

1. Taxon:

Species: *Lespedeza tomentosa*(Thunb.) Siebold ex Maxim.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:**[*Desmodium tomentosum* DC.](#), [*Hedysarum tomentosum* Thunb.](#), [*H. tomentosum* Murray](#),[*H. villosa* Willd.](#), [*H. villosum* Willd.](#),
[*Lespedeza glomerata* Hornem.](#), [*L. hirta* Miq.](#), [*L. macrophylla* Bunge](#), [*L. villosa* \(Willd.\) Pers.](#), [*Meibomia tomentosa* \(Thunb.\) Kuntze](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Lespedeza* Michx.
- Species: *L.tomentosa*(Thunb.) Siebold ex Maxim.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: PapilionaceaeGiseke
Genus: *Lespedeza* Michx.
Species: *L.tomentosa*(Thunb.) Siebold ex Maxim.

4. Distribution:

Global:Asia and Europe

India:Assam, Bihar, Himachal Pradesh, Jammu &Kashmir, Meghalaya and Uttar Pradesh

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:**Shrubs; Arid mountain slopes, grasslands, thickets

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): $2n=22$ ⁷
 $2n=20$ ^{8,9,10}

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; Translocations etc):