

Genus Datasheet
DBT- Network Programme

Datasheet No. A-140.044
(Family.Genus)

1. Genus:*Lespedeza*Michx.

2. Systematic Position:

- APG IV (2016)**
- Kingdom: Plantae
 - Clade: Angiosperms
 - Clade: Eudicots
 - Clade: Rosids
 - Order: FabalesBromhead
 - Family: FabaceaeLindl.
 - Genus: *Lespedeza* Michx.

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.

3. Species:

Global:~ 35

India:09

4. Taxonomic riddles:

5. Distribution:

Global:Asia, Japan, Korea and North America

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

6. Habit and Habitat:Subshrubs, shrubs or herbs; temperate to seasonally dry tropical woodland margins, bushland and grassland, in open places

7.Economic Importance:Bush clovers are used as green manure and cover crops, highly esteemed forage crops, human food and drink and as bee-food; also grown as ornamentals.

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=10^{14}$

10. Zygotic chromosome number(s): $2n=18^{15, 16}$, $2n=20^{8,9,10,16}$, $2n=22^{1,2,3,5,6,7,11}$

11. Gametic chromosome number(s): $n=10^{14}$, $n=11^{13}$

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: ³Meiosis: ^{13,14}

17. Banding pattern(s):

18. Physical mapping of chromosomes: GISH:

19. Phylogenetic relationship at:
Chromosomal level

DNA level: ¹²

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Chromosome number not reported in the following taxa:

Lespedeza elegans Cambess.

Lespedeza elliptica Benth.

