Species Datasheet

Datasheet No. A-140.011.001 (Family.Genus.Species)

DBT- Network Programme

1. Taxon:

Species: *Kummerowiastriata* (Thunb.) Schindl.
Subspecies:
Variety:
Cultivar:
Hybrid:

Image file

2. Synonyms:*Desmodium striatum* (Thunb.) DC.,*Hedysarum striatum* Thunb.,*H. striatum* Murray, *Kummerovia striata* (Thunb.) Schindl.,*Lespedeza striata* (Thunb.) Hook. &Arn,*Meibomia striata* (Thunb.) Kuntze, *Microlespedeza makinoi* Tanaka, *M. striata* (Thunb.) Makino

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Kummerowia*Schindl.
- Species: *K.striata*(Thunb.) Schindl.

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Kummerowia*Schindl.
Species: *K.striata*(Thunb.) Schindl.

4. Distribution:

Global: Asia, North America and Pacific Ocean

India: Meghalaya

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb; Sandy soils, streamsides, roadsides, grasslands

8. Life Form: Chamaephytes

9. Economic Importance: The whole plant is used medicinally as a diuretic, for reducing fever, and for treating diarrhea. It is also used for forage and green manure.

10. Probable Progenitor of:

11. DNA

C-value **Methodology**

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):2n=22[1]

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):