Species Datasheet

Datasheet No. A-140.020.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Pseudarthriaviscida* (L.) Wight &Arn.
Subspecies:
Variety:
Cultivar:
Hybrid:

Image file

2. Synonyms:*Desmodium leschenaultii* DC., *D. timoriense* DC., *D. viscidum* auct. non DC.,*Glycine viscida* (L.) Willd., *Hedysarum viscidum* L., *Pseudarthria gyroides* Z. & M., *P. timoriensis* (DC.) Z. & M., *Rhynchosia viscida* (L.) DC.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Pseudarthria*Wight &Arn.
- Species: *P. viscida* (L.) Wight &Arn.

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: PapilionaceaeGiseke
Genus: *Pseudarthria*Wight &Arn.
Species: *P. viscida* (L.) Wight &Arn.

4. Distribution:

Global: Bali, Bangladesh, Burma, East Timor, India, Indonesia, Java, Lesser Sunda Island, Moluccas, Myanmar, Pakistan, Philippines Sri Lanka, Sulawesi

India: Peninsular, Bihar, Gujarat, West Bengal

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Perennial shrub

8. Life Form: Chamaephytes

9. Economic Importance: Medicinal plant

10. Probable Progenitor of:

11. DNA

C-value **Methodology**

12. Basic chromosome number(s):x=11[1]

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

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:[1]

Karyotype Majority metacentric chromosomes

Chromosome size

NOR chromosome(s)

Degree of asymmetry Symmetrical

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):