

Species Datasheet

Datasheet No. A-140.086.005
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Aeschynomene villosa* Poir.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Aeschynomene americana* var. *villosa* (Poir.) Urb., *Aeschynomene decumbens* Zipp. ex Span., *Aeschynomene glandulosa* Bello, *Aeschynomene hirsuta* DC., *Aeschynomene hirta* Lagerh., *Aeschynomene javanica* Miq., *Aeschynomene meridana* Pittier, *Aeschynomene pseudoviscosa* Blume ex Miq., *Aeschynomene pudica* Zoll. & Moritz, *Aeschynomene timoriana* Span., *Cassia tenuicaulis* M.E. Jones

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

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae
- Subfamily: Faboideae
- Genus: *Aeschynomene* L.
- Species: *Aeschynomene villosa* Poir.

4. Distribution:

Global: Australia, Africa, Americas, Southern-Eastern Asia.

India

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Herb

8. Life Form: Annual, Perennial

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetalae

Series: Calyciflorae

Cohors: Rosales Bercht. & J. Presl

Ordo: Leguminosae Juss.

9.Economic Importance:

Subordo: Papilionaceae Giseke

Genus: *Aeschynomene* L.

Species: *Aeschynomene villosa* Poir.

10. Probable Progenitor of:

11.DNA

C-value

Methodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

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;Translocationsetc.):**