

Species Datasheet

Datasheet No. A-140.056.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species *Indigastrum parviflorum* (Wight & Arn.) Schrire

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Anila parviflora* (Wight & Arn.) Kuntze, *Indigastrum deflexum* (A. Rich.) Jaub.

& Spach, *Indigastrum parviflorum* subsp. *parviflorum*,

Indigofera deflexa A. Rich., *Indigofera parviflora* Wight & Arn.

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: *Indigastrum*
 - Species: *Indigastrum parviflorum*
- (Wight & Arn.) Schrire

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales
Ordo: Leguminosae
Subordo: Papilionaceae
Genus: *Indigastrum*
Species: *Indigastrum parviflorum* (Wight & Arn.) Schrire

4. Distribution:

Global: Angola, Australia, Botswana, Cameroon, Cape Verde, Ethiopia, India, Kenya, Mali, Namibia, Niger, Senegal, South Africa, Sri Lanka, Sudan, Tanzania, Uganda, Yemen, Zaire, Zambia, Zimbabwe, Antarctica, Gabon

India :

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat:

Life Form: Annual

9. Economic Importance:

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.A 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; Translocation etc.):