Species Datasheet

Datasheet No. A-377.037.005 **DBT- Network Programme**
(family.genus.species)

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1. Taxon:

Species: *Thunbergia fragrans* Roxb.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
  - Clade: Angiosperms
  - Clade: Eudicots
  - Clade: Superasterids
  - Clade: Asterids
  - Order: Lamiales Bromhead
  - Family: Acanthaceae Juss.
  - Genus: *Thunbergia* Retz.
- Species: *T. fragrans* Roxb.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
  - Ordo: Acanthaceae Juss.
- Genus: *Thunbergia* Retz.
- Species: *T. fragrans* Roxb.

4. Distribution:

Global: Myanmar, China, Laos, Vietnam, Indonesia, Philippines (throughout), Sulawesi, Sumatra, Moluccas, Lesser Sunda Isl., Sumatra, Java, India (throughout), Bhutan, Nepal, Sri Lanka, Pakistan (introduced), Singapore (introduced), Costa Rica (introduced), Peru (introduced), Cuba (introduced), Peru (introduced), Panama (introduced), Belize (introduced), Jamaica (introduced), Nicaragua (introduced), Guatemala (introduced), Puerto Rico (introduced), Seychelles (introduced), Fiji (introduced), New Caledonia (introduced), Surinam (introduced), Ecuador (introduced), Brazil (introduced), Haiti (introduced), Dominican Republic (introduced), Mexico (introduced), Venezuela (introduced), Society Isl. (introduced) (Tahiti (introduced), Raiatea (introduced), Huahine (introduced), Maupiti (introduced)), Tonga (introduced) (Vava'u (introduced)), Austral Isl. (introduced) (Tubuai (introduced)), Niue (introduced), Lesser Antilles (introduced) (Anguilla (introduced), Antigua (introduced), Saba (introduced), St. Kitts (introduced), Nevis (introduced), Montserrat (introduced), Guadeloupe (introduced), Dominica (introduced), Martinique (introduced), St. Lucia (introduced), St. Vincent (introduced), Grenadines (introduced), Grenada (introduced), Barbados (introduced)), Trinidad (introduced), Bahamas (introduced), Hawaii (introduced) (Kauai (introduced), Oahu (introduced), Maui (introduced), Hawaii Isl. (introduced), probably all Hawaii Isl. (introduced)), USA (introduced) (Florida (introduced)), Virgin Isl. (introduced) (St. Croix (introduced), St. John (introduced), St. Thomas (introduced), Tortola (introduced)), Colombia (introduced) (Antioquia (introduced), Bolívar (introduced), Boyacá (introduced), Cauca (introduced), Chocó (introduced), Cundinamarca (introduced), Nariño (introduced), Quindío (introduced), San Andrés (introduced), Providencia y Santa Catalina (introduced), Santander (introduced),Valle (introduced)), Bolivia (introduced), Honduras (introduced)

4. Distribution:

Global: India

India: Kerala, Tamil Nadu and North-East India.

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: A slender twiner. In deciduous forest and also in the plains.

8. Life Form: Chamaephytes

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. 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

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stain ability; Translocations etc):