Species Datasheet

Datasheet No. A-140.046.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Tadehagi triquetrum* (L.) H. Ohashi
Subspecies:
Variety:
Cultivar:
Hybrid:

Image file

2. Synonyms:*Desmodium triquetrum* (L.) DC., *D. triquetrum* subsp. *genuinum* Prain, *D. triquetrum* subsp. *triquetrum*, *Hedysarum triquetrum* L., *Meibomia triquetra* (L.) Kuntze, *Pteroloma triquetrum* (L.) Benth., *Tadehagi triquetrum* subsp. *triquetrum*

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: Fabaceae Lindl.
- Genus: *Tadehagi*H. Ohashi
- Species: *T. triquetrum* (L.) H. Ohashi

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: PapilionaceaeGiseke
Genus:*Tadehagi*H. Ohashi
Species:*T. triquetrum* (L.) H. Ohashi

4. Distribution:

Global: Australia, Bangladesh, Bhutan, Bismarck Archipelago, Burma, China, East Timor, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hong Kong, India, Indonesia, Java, Jiangxi, Laos, Lesser Sunda Island, Malaysia, Moluccas, Myanmar, Nepal, New Caledonia, Papua New Guinea, Peninsular Malaysia, Philippines, Ryukyu Is, Sabah, Solomon Is, Sri Lanka, Sumatra, Taiwan, Thailand, Vietnam, Yunnan

India: Assam,Manipur, Meghalaya, Nagaland

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

6. Threat Status:

IUCN:
BSI:

7. Habit and Habitat: Shrub. Found in Wastelands, forest margins, roadsides

8. Life Form:

9. Economic Importance: Whole plant is used medicinally as an antipyretic, as a diuretic, for invigorating the spleen, and for promoting digestion.

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:

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:[3]

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