Species Datasheet

Datasheet No. A-140.039.002
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species*Zorniagibbosa*Spanoghe
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:*Zornia angustifolia* sensuBojer, *Zornia augustifolia* sensuauct., *Zornia diphylla* sensuauct., *Zornia graminea* Span., *Zornia pratensis* sensuMohlenbr., *Zornia angustifolia* Sm., *Zornia cantoniensis* Mohlenbr.,*Zornia gibbosa* var.*cantoniensis* (Mohlenbr.) H. Ohashi

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Zornia*J.F. Gmel.
- Species: *Z. gibbosa*Spanoghe.

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus:*Zornia*J.F. Gmel.
Species: *Z. gibbosa*Spanoghe

4.Distribution:

Global: Australia, Burma, China, India, Japan, Malaysia, Nepal, Pakistan, Sri Lanka, Taiwan, Thailand, Philippines

India

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat: Herb; forest, Plain

8.Life Form: Perennial, 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.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.):