

Genus Datasheet
DBT- Network Programme

Datasheet No. A-140.039
(family.Genus)

1. Genus:*Zornia*J.F. Gmel.

2. 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.

Bentham and Hooker (1862)

Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: PapilionaceaeGiseke
Genus:*Zornia*J.F. Gmel.

3. Species:

Global: 86

India: 4

4. Taxonomic riddles:

5. Distribution:

Global:India,Sri Lanka, Myanmar, Nepal, Pakistan; Australasi, China, Taiwan, Thailand, Vietnam,

India: Andhra Pradesh, Andaman Island, Bihar, Delhi, Goa, Gujarat, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, Tamil Nadu, West Bengal-

6. Habit and Habitat:Herb. Found in lateritic grassy slopes, also in the plains

7.Economic Importance:Used as forage and medicine

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 20^{1-9}$

11. Gametic chromosome number(s): $n = 10^{8-11}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/Neocentric chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms: Meiosis:⁸⁻¹¹

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:Chromosome number is not reported in the following taxa:

Zornia walkeri Arn.

Zornia quilonensis Ravi

Zornia gibbosa Spanoghe