

Genus Datasheet

Datasheet No. A-140.089
(Family.Genus)

DBT- Network Programme

1. Genus: *Dioclea* Kunth

2. Systematic position: APG IV; Bentham and Hooker:

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetalae

Series: Calyciflorae

Cohors: Rosales Bercht. & J. Presl

Ordo: Leguminosae Juss.

Subordo: Papilionaceae Giseke

Genus: *Dioclea* Kunth

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Dioclea* Kunth

3. Species:

Global

India

4. Taxonomic riddles:

5. Distribution:

Global

India

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=11$ ¹

10. Zygotic chromosome number(s): $2n=22$ ¹

11. Gametic chromosome number(s):

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:¹

Meiosis:

17. Banding pattern(s):CMA/DAPI banding ¹

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

