

Genus Datasheet

Datasheet No. A-377.036
(Family. Genus)

DBT- Network Programme

1. Genus: *Staurogyne* Wall.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales
- Family: Acanthaceae Juss.
- Genus: *Staurogyne* Wall.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Staurogyne* Wall.

3. Species:

Global: 40

India: 11

4. Taxonomic riddles:

5. Distribution:

Global: Australia, Brazil, Bolivia, Colombia, Ecuador, India, Laos, Malaya, Myanmar, Papua New Guinea, Peru, Sri Lanka, Sumatra, Thailand, Venezuela, Vietnam and West Malaysia

India: North-East India, Peninsular India and Andaman, Nicobar Islands

6. Habit and Habitat: Herb, found in moist localities, in evergreen forest as well as in plains

7. Economic Importance:

8. DNA content range:

Methodology:

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number (s):

11. Gametic chromosome number (s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neoc chromosomes):

13. Ploidy level:

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

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

16.Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship atChromosomal; DNA level

20. Cytogenetic mechanism (s) underlying evolution:

22. Any other information: