

Genus Datasheet

Datasheet No. A-377.017
(Family: Genus)

DBT- Network Programme

1. Genus: *Ecbolium* Kurz

2. Systematic Position:

APG IV (2016)

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

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Family: Acanthaceae Juss.
- Order: Lamiales
- Genus: *Ecbolium* Kurz

3. Species:

Global: 21

India: 2

4. Taxonomic riddles: Yes⁷

5. Distribution:

Global: Botswana, Uganda, Kenya, Tanzania, Ethiopia, Eritrea, D.R. Congo, Central Cameroon, Nigeria, Zambia, Malawi, Mozambique, Swaziland, Madagascar, India, Myanmar, Malaysia, Thailand, Sri Lanka, Philippines USA, Canada, Mexico, South Africa, Swaziland, Uganda, Kenya, Tanzania, Ethiopia, Somalia, Rwanda, Burundi, Zambia, Malawi, Mozambique.

India: Peninsular India

6. Habit and Habitat: Shrub. Found in evergreen

7. Economic Importance:

8. DNA content range:

2C

4C

Methodology:

9. Basic chromosome number(s):

10. Zygotic chromosome number (s): $2n=36^{1, 2}$, $2n=40^3$, $2n=44^4$, $2n=36^6$

11. Gametic chromosome number (s): $n=18^{2, 5}$

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:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: