

Genus Datasheet

Datasheet No. A-140.070
(Family.Genus)

DBT- Network Programme

1. Genus:*Eleiotis*DC.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus:*Eleiotis*DC.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Eleiotis*DC.

3. Species:

Global 2

India 2

4. Taxonomic riddles:

5. Distribution:

Global:India, United Kingdom, Myanmar, Sri lanka

India

6. Habit and Habitat:Herb

7.Economic Importance:

8. DNA content range: Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=20^1$, $2n=22^{2,3,4}$

11. Gametic chromosome number(s): $n=10^1$

**12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/
Neocentric chromosomes):**2 B chromosomes¹

13. Ploidy level:Diploid¹

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

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

16. Karyograms:^{1,4}

Meiosis:¹

17. Banding pattern(s):

18. Physical mapping of chromosomes:

FISH:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map: