

Genus Datasheet

Datasheet No. A-028.022
(Family.Genus)

DBT- Network Programme

1. Genus: *Therophonum* Blume

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Araceae Juss.
- Genus: *Therophonum* Blume

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Nudiflorae
Ordo: Aroideae Arn.
Genus: *Therophonum* Blume

3. Species:

Global:7

India:7

4. Taxonomic riddles:

5. Distribution:

Global:India, Sri Lanka.

India: South India

6. Habit and Habitat: Herb, tropical forest.

7. Economic Importance:-

8. DNA content range:

Methodology:

9. Basic chromosome number(s): $x=8^2$

10. Zygotic chromosome number(s): $2n=14^4$

$2n=16^{1,2,3}$

$2n=24^1$

$2n=32^1$

11. Gametic chromosome number(s): $n=8^2$

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

13. Ploidy level: Diploid²

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

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

16. Karyograms:

Meiosis:²

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level^{5,6}

20. Cytogenetic mechanism(s) underlying evolution

21. Linkage map:

22. Any other information: