

Genus Datasheet

Datasheet No. A-028.001
(Family.Genus)

DBT- Network Programme

1. Genus: *Ariopsis* Nimmo

2. Systematic Position:

APG IV (2016)

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

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: monocotylondon
Series: Nudiflorae
Ordo: Aroideae Arn.
Genus: *Ariopsis* Nimmo

3. Species:

Global:2

India:1

4. Taxonomic riddles:

5. Distribution:

Global: India, Himalaya to North Thailand

India: Assam, Sikkim, Western Ghats

6. Habit and Habitat: Herb. Tropical evergreen forest, found on forest floor and rock crevices.

7. Economic Importance:

8. DNA content range:

2C

4C

Methodology:

9. Basic chromosome number(s): $x=7^4$

$x=10^3$

10. Zygotic chromosome number(s): $2n=26^1$

$2n=28^2$

$$2n=80^3$$

$$2n=84^4$$

$$2n=86^5$$

11. Gametic chromosome number(s):

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

13. Ploidy level:

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

15. Aberrantchromosomenumber(s) (aneuploidy,aneusomaty, polysomaty):

16.Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19.Phylogenetic relationship atChromosomal; DNA level:DNA level⁶

20. Cytogenetic mechanism(s) underlying evolution

21. Linkage map:

22. Any other information:

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