

Genus Datasheet

Datasheet No. A-028.014
(Family. Genus)

DBT- Network Programme

1. Genus: *Lasia* Lour.

2. Systematic Position:

APG IV (2016)

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

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Nudiflorae
Ordo: Aroideae Arn.
Genus: *Lasia* Lour.

3. Species:

Global: 14

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Tropical & Subtropical Asia

India: South to East India, Tropical Himalaya

6. Habit and Habitat: Herb, swamps, riverbanks, ditches, moist places in tropical and subtropical forests, sometimes cultivated along fish ponds and rice fields.

7. Economic Importance: Edible and medicinal

8. DNA content range:

Methodology:

9. Basic chromosome number(s): $x=13^6$

10. Zygotic chromosome number(s): $2n=24^1$

$2n=26^{1,2,3,4,5,6,7,8}$

$2n=27^7$

$2n=28^8$

11. Gametic chromosome number(s): $n=13^2$

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

13. Ploidy level:Diploid ^{1,6}

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

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

16.Karyograms:^{1,7,8}

Meiosis:

17. Banding pattern(s):CMA⁺ bands^{7,8}

18. Physical mapping of chromosomes:

GISH:

19.Phylogenetic relationship atChromosomal; DNA level:DNA level^{8,9}

20. Cytogenetic mechanism(s) underlying evolution

21. Linkage map:

22. Any other information:

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