

Genus Datasheet

Datasheet No. G-002.004

(Family.Genus)

DBT- Network Programme

1. Genus: *Lepidozamia* Regel

2. Systematic Position:

Christenhusz et al. (2011)

- Class: Equisetopsida C. Agardh
- Subclass: Cycadidae Pax
- Order: Cycadales Pers. ex Bercht. & J. Presl
- Family: Zamiaceae Horan.
- Genus: *Lepidozamia* Regel

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Gymnospermeae
Ordo: Cycadaceae Pers.
Tribus: Encephalarteae
Genus: *Macrozamia* Miq.

3. Species:

Global: 2

India: 1

4. Taxonomic riddles: 5, 6, 7, 8, 9

5. Distribution:

Global: [Australia](#)

India: Planted in Botanical garden, NBRI, Lucknow (Uttar Pradesh)

6. Habit and Habitat: Found on rainforest margins

7. Economic Importance: Planted in garden.

8. DNA content range:

C-value $2C$ (55.30 pg)⁴

Methodology

Flow cytometry⁴

9. Basic chromosome number(s): $x=9^{1,2,3}$

10. Zygotic chromosome number(s): $2n=18^{2,3}$

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

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

13. Ploidy level:Diploid^{2,3}

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

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

16. Karyograms: ³

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: ^{5, 6, 7, 8, 9}

22. Any other information: