

Genus Datasheet

Datasheet No. A-076.017
(Family.Genus)

DBT- Network Programme

1. Genus: *Livistona* R. Br.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Genus: *Livistona* R. Br.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Livistona* R. Br.

3. Species:

Global: 35

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Bangladesh, China, India, Myanmar, Thailand

India: Arunachal Pradesh, Assam, Sikkim

6. **Habit and Habitat:** Evergreen tree. Found in high rainfall areas in moist evergreen forest mostly on sandy loam with a laterite mixture, at 100-2500 m altitude.

7. **Economic Importance:** Ornamental plant. Leaves of several species are used for thatch, their segments for umbrellas, and fibre for rope and cloth.

8. DNA content range:

Methodology:

9. Basic chromosome number(s): $x=18$ ¹

10. Zygotic chromosome number (s):

11. Gametic chromosome number (s):

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

13. Ploidy level:

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

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

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution

21. Linkage map:

22. Any other information: