Species Datasheet

Datasheet No. A-076.017.001   **DBT- Network Programme**
     (family.genus.species)

1. Taxon:

Species *Livistona jenkinsiana* Griff.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms: *Latania jenkinsiana* (Griff.) Devansaye, *Livistona jenkinsii* Griff. ex Mart., *Saribus jenkensii* (Griff.) Kuntze

3. 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.
- Species: *Livistona jenkinsiana* Griff.

Bentham and Hooker (1862)
Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Livistona* R. Br.
Species: *Livistona jenkinsiana* Griff.

4. Distribution:

Global: Bangladesh, China, India, Myanmar, Thailand

India: Arunachal Pradesh, Assam, Sikkim

5. Indigenous/Exotic/ Endemic; Cultivated/Wild: Cultivated and wild

6. Threat Status:

IUCN:

BSI:

7. 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.

8. Life Form: Phanerophyte

9. Economic Importance: Used as an ornamental plant. Leaves are used for roofing, making hats, hand fans; Fibrous sheath is used for making ropes and water resistant shields for shoulder bags used by different ethnic communities; Nut is edible and used as masticatery as a substitute of areca nut; The stem is used as temporary log bridges; New soft shoots are sometimes eaten as vegetable.

10. Probable Progenitor of:

11. DNA

   C- value   **Methodology**

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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

Image file

16. Ploidy level:

Image file

17. Agametoploidy

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

19. Genomic formula:

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

21. Somatic chromosomes:

   Karyotype

   Chromosome size

   NOR chromosome(s)

   Degree of asymmetry:

   Image file

22. Banding pattern(s):

   Image file

23. Physical mapping of chromosomes:

   In situ hybridization

   Image file

   Fluorescent in situ hybridization

   Image file

24. Genomic in situ hybridization:

   Image file

25. Linkage map:

   Image file

26. Chromosome associations:

   Female meiosis

   Male meiosis

   Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

   Chromosomal level

   Image file

   DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):