

# Species Datasheet

Datasheet No. A-076.017.002  
(family.genus.species)

DBT- Network Programme

-

## 1. Taxon:

Species *Livistona speciosa* Kurz

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Livistona fengkaiensis* X.W.Weï & M.Y.Xiao, *Saribus speciosus* (Kurz) 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 *L. speciosa* Kurz

### Bentham and Hooker (1862)

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

## 4. Distribution:

**Global:** South China to Malaysia

**India:** East India

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. Habit and Habitat: Tree. Found in high rainfall areas in moist evergreen forest, at 200-3000 m altitude

8. Life Form: Phanerophytes

9. Economic Importance: Ornamental palm

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, aneusomy, polysomy):**

**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):**