# Species Datasheet

**Datasheet No. A-076.018.004**
**(family.genus.species)**

**DBT- Network Programme**

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**1. Taxon:**

Species *Phoenix loureiroi* Kunth
Subspecies
Variety
Cultivar
Hybrid

Image file

**2. Synonyms:** *Phoenix hanceana* Naudin, *Phoenix hanceana* var. *formosana* Becc., *Phoenix hanceana* var. *philippinensis* Becc., *Phoenix humilis* Royle ex Becc., *Phoenix humilis* var. *hanceana* (Naudin) Becc., *Phoenix humilis* var. *loureiroi* (Kunth) Becc., *Phoenix loureiroi* var. *loureiroi*, *Phoenix pusilla* Lour., *Phoenix pygmaea* Raeusch.

**3. Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Genus: *Phoenix* L.
- Species: *P. loureiroi* Kunth

**Bentham and Hooker (1862)**
Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Phoenix* L.
Species: *P. loureiroi* Kunth

**4. Distribution:**

**Global:** Bangladesh, Bhutan and Nepal

**India:** Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Kerala, Nagaland, Odisha and Tamil Nadu

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

**6. Threat Status:**

**IUCN:**

**BSI:**

**7. Habit and Habitat:** Tree. Open scrublands, common in disturbed areas and grasslands to 1500 m elevation.

**8. Life Form:** Phanerophytes

**9. Economic Importance:** Leaves are used for thatching, for making brooms, mats and baskets.

**10. Probable Progenitor of:**

**11. DNA**

**C- value** **Methodology**

**12. Basic chromosome number(s):** x=18 [29]

**13. Zygotic chromosome number(s):** 2n=36 [3,29,30]

**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):**