

Species Datasheet

Datasheet No. A-076.015.003
(family.genus.species)

DBT- Network Programme

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1. Taxon:

Species *Korthalsia laciniosa* Mart.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Calamosagus harinifolius* Griff., *Calamosagus lacinosus* Griff., *Calamosagus wallichiiifolius* Griff., *Korthalsia andamanensis* Becc., *Korthalsia grandis* Ridl., *Korthalsia teysmannii* Miq., *Korthalsia wallichiiifolia* (Griff.) H.Wendl.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Genus: *Korthalsia* Blume
- Species: *Korthalsia laciniosa* Mart.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Korthalsia* Blume
Species: *Korthalsia laciniosa* Mart.

4. Distribution:

Global: Cambodia, Laos, Myanmar, Thailand, Vietnam, Malaysia, Java, Philippines, Sumatra

India: South Andaman and Nicobar Islands

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Evergreen climber. Found in tropical moist forest, primary forests and logged-over forests, at elevations up to 1,100 meters. Secondary forests and steep slopes at elevations up to 500 meters

8. **Life Form:** Phanerophyte

9. **Economic Importance:** They are widely used by native peoples for making baskets, weaving into furniture etc., and as a strong and durable tying material and also used as the frames of furniture

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 (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):