Datasheet

Datasheet No. A-076.015.002 **DBT- Network Programme**
(family.genus.species)

-

1. Taxon:

Species *Korthalsia flagellaris* Miq.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms: *Korthalsia rubiginosa* Becc.

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 flagellaris* Miq.

Bentham and Hooker (1862)
Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Korthalsia* Blume
Species: *Korthalsia flagellaris* Miq.

4. Distribution:

Global: Thailand, Peninsular Malaysia, Borneo, Sumatra, India

India: Andaman Island

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Evergreen climber. Grows in peat swamp forest usually in lowland areas, rarely ascending beyond 300 meters

8. Life Form: Phanerophyte

9. Economic Importance: The large diameter cane is used as framework for cheap furniture and to make large fish-traps for use at sea. Canes are used to make some of the most durable and attractive carrying baskets.

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):