

Genus Datasheet

Datasheet No. A-076.009

DBT- Network

Programme

(Family.Genus)

1. Genus: *Daemonorops* Blume.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Subfamily: Calamoideae Beilschm.
- Genus: *Daemonorops* Blume.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Daemonorops* Blume.

3. Species:

Global: 107

India: 6

4. Taxonomic riddles:

5. Distribution:

Global: From India and south China through the Malay Archipelago to New Guinea

India: Andaman Islands, Northeastern states

6. **Habit and Habitat:** Erect or climbing palm; mostly found in primary tropical rain forest on a great variety of soil with high- light intensities such as riverbanks

7. **Economic Importance:** The apices of several species are sought after for food. In the past, red resin from the fruits of species related to and including *Daemonorops draco* and *D. rubra* was collected as 'dragon's blood' for medicinal or dyeing purposes. At one time, 'dragon's blood' was an item of trade between Borneo, Sumatra and Malay Peninsula, and China.

8. DNA content range:

2C

4C

Methodology:

9. Basic chromosome number(s):

10. Zygotic chromosome number (s):

11. Gametic chromosome number (s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ N chromosomes):

13. Ploidy level:

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level^{1, 2, 3}

20. Cytogenetic mechanism (s) underlying evolution

21. Linkage map:

22. Any other information: