

Datasheet No. A-126.001.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Daphniphyllumgriffithianum*(Wight) Noltie
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:*Daphniphyllumbancanum* Kurz, *D.laurinum* (Benth.) Baill., *Goughiagriffithiana* Wight, *G.laurina*Benth., *Gyrandralaurina* Wall.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Core Eudicot
- Clade: Superrosids
- Order: SaxifragalesBercht. & J. Presl
- Family: DaphniphyllaceaeMüll.Arg.
- Genus:*Daphniphyllum* Blume
- Species: *D. griffithianum*(Wight) Noltie

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Monochlamydeae
- Series: Unisexuales
- Ordo: EuphorbiaceaeJuss.
- Genus: *Daphniphyllum* Blume
- Species: *D.griffithianum*(Wight) Noltie

4. Distribution:

Global:Thailand, Peninsular Malaysia, Sumatra, Java, Borneo (Sarawak, Sabah, South- and East-Kalimantan)

India:

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat:Tree up to 21 m tall; usually on hillsides and ridges on sandy to rocky soils and on limestone

8. Life Form:Phanerophyte

9. Economic Importance:A decoction of the roots is used as a medicine against diarrhea and thrush

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