

Final Species Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-126.001.005
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Daphniphyllum teysmannii* Kurz ex Teijsm. & Binn.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Daphniphyllum amamiense* Hurus., *D. buergeri* Müll. Arg., *D. glaucescens* subsp. *teysmannii* (Kurz ex Teijsm. & Binn.) T.C. Huang, *D. glaucescens* var. *amamiense* (Hurus.) T.C. Huang, *D. glaucescens* var. *buergeri* (Müll. Arg.) T.C. Huang, *D. glaucescens* var. *hisaultii* (Hurus.) T.C. Huang, *D. glaucescens* var. *iriomotense* (Hurus.) T.C. Huang, *D. pendulum* Hurus. ex Hisauti, *D. roxburghii* Baill. ex Rosenthal, *D. teysmannii* f. *brevipes* Hurus., *D. teysmannii* var. *amamiense* (Hurus.) Hurus., *D. teysmannii* var. *hisaultii* Hurus., *D. teysmannii* var. *iriomotense* Hurus., *D. teysmannii* var. *okinawaense* Hurus.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Core Eudicot
- Clade: Superrosids
- Order: Saxifragales Bercht. & J. Presl
- Family: Daphniphyllaceae Müll. Arg.
- Genus: *Daphniphyllum* Blume
- Species: *D. teysmannii* Kurz ex Teijsm. & Binn.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Monochlamydeae
- Series: Unisexuales
- Ordo: Euphorbiaceae Juss.
- Genus: *Daphniphyllum* Blume
- Species: *D. teysmannii* Kurz ex Teijsm. & Binn.

4. Distribution:

Global: Japan, Taiwan, Fukushima to Shikoku, Kyushu and Okinawa

India:

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Tree; coastal slopes

8. Life Form: Phanerophyte

9. Economic Importance:

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