

Final Species Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.006.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species:*Dasymaschalon dasymaschalum* (Blume) I.M.Turner

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:*Dasymaschalon blumei* Finet & Gagnep., *D. blumei* var. *suratense* Bân, *D. cleistogamum* (Burck ex Boerl.) Merr., *D. coelophloeum* (Scheff.) Merr., *Desmos dasymaschalus* (Blume) Saff., *Pelticalyx argentea* Griff., *Unona alphonsii* Wall., *U. cleistogama* Burck ex Boerl., *U. coelophloea* Scheff., *U. dasymaschala* Blume, *Uvaria alphonsii* Müll.Berol., *U. dasymaschala* (Blume) Walp.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus: *Dasymaschalon* (Hook.f. & Thomson) Dalla Torre & Harms
- Species: *D. dasymaschalum* (Blume) I.M.Turner

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: Annonaceae Juss.
- Genus: *Dasymaschalon* (Hook.f. & Thomson) Dalla Torre & Harms
- Species: *D. dasymaschalum* (Blume) I.M.Turner

4.Distribution:

Global: Borneo, India Java, Malaya, Myanmar, Sumatera, Thailand

India: Andaman and Nicobar Island

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

6.Threat Status:

IUCN:

BSI

7.Habit and Habitat:Erect or sarmentose shrub; tropical rainforests

8.Life Form:Phanerophytes

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, 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):