

Species Datasheet CalU+SUK-Phase I

Datasheet No. A-087.004.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Stachyphrynium repens* (Korn.) Suksathan & Borchs.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Phrynium jagorianum* K.Koch, *P. minus* K.Schum., *P. repens* Körn., *Stachyphrynium jagorianum* (K.Koch) K.Schum., *S. minus* (K.Schum.) K.Schum., *S. thorelii* Gagnep.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Zingiberales Griseb.
- Family: Marantaceae R.Br.
- Genus: *Stachyphrynium* K.Schum.
- Species: *S. repens* (Korn.) Suksathan & Borchs.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Epigynae
Ordo: Scitamineae
Genus: *Stachyphrynium* K.Schum.
Species: *S. repens* (Korn.) Suksathan & Borchs.

4. Distribution:

Global: Cambodia, India, Jawa, Malaya, Sulawesi, Sumatera, Thailand, Vietnam

India: Andaman and Nicobar Island

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

6. Threat Status:

IUCN

BSI

7. **Habit and Habitat:** Herb; Forest understoreys, sometimes forming a dense layer covering the whole forest floor

8. Life Form:

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