

# Species Data Sheet

Datasheet No. A-045.001.025  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Dioscorea spicata* Roth

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Dioscorea nummularia* var. *glauca* Prain & Burkill *D. spicata* var. *anamallayana* Prain & Burkill  
*D. spicata* var. *parvifolia* Prain & Burkill

## 3. Systematic position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocot
- Order: Dioscoreales Mart.
- Family: Dioscoreaceae R. Br.
- Genus: *Dioscorea* L.
- Species: *D. spicata* Roth

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogams  
Class: Monocotyledons  
Series: Epigynae  
Ordo: Dioscoreaceae R. Br.  
Genus: *Dioscorea* L.  
Species: *D. spicata* Roth

## 4. Distribution:

**Global:** Sri Lanka, South East Bangladesh

**India:** South India

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

## 6. Threat Status:

**IUCN:**

**BSI:**

**7. Habit and Habitat:** Climbing herb.

**8. Life Form:** Tuberous geophyte

**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. Agamete ploidy:

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; Translocation etc):**