Species Data Sheet

Datasheet No. A-045.001.027
(family.genus.species)

DBT- Network Programme

1.Taxon:
Species:*Dioscoreatrinervia*Roxb.exPrain&Burkill
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocot
- Order: DioscorealesMart.
- Family: DioscoreaceaeR. Br.
- Genus: *Dioscorea*L.
- Species:*D. trinervia*Roxb. ex Prain&Burkill

Bentham and Hooker (1862)
Kingdom: Plantae
Division: Phanerogams
Class: Monocotyledons
Series: Epigynae
Ordo: DioscoreaceaeR. Br.
Genus: *Dioscorea*L.
Species: *D. trinervia*Roxb. exPrain&Burkill

4.Distribution:

Global: India,Myanmar

India: Assam, North East 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.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.Genomicin 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;Translocationsetc):