

Genus Datasheet

Datasheet No. G-002.006

(Family.Genus)

DBT- Network Programme

1. Genus: *Stangeria* T. Moore

2. Systematic Position:

Christenhusz et al. (2011)

- Class: Equisetopsida C. Agardh
- Subclass: Cycadidae Pax
- Order: Cycadales Pers. ex Bercht. & J. Presl
- Family: Zamiaceae Horan.
- Genus: *Stangeria* T. Moore

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Gymnospermeae
Ordo: Cycadaceae Pers.
Tribus: Encephalarteae
Genus: *Stangeria* T. Moore

3. Species:

Global: 1

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Native to the east coast of [South Africa](#) and southern [Mozambique](#)

India: Planted at Institute of Science, Ahmedabad, Gujarat

6. Habit and Habitat: Grows in open, dry grassland, in light shade under trees in the coastal parkland, or in dense, damp lowland forest. Found in sandy soils

7. Economic Importance: Medicinal, Horticulture

8. DNA content range:

Methodology

C-value 2C (29.64pg) ⁴

Feulgen microdensitometry ⁴

9. Basic chromosome number(s): $x=8$ ^{1, 2, 3, 5, 6}

10. Zygotic chromosome number(s): $2n=16$ ^{2, 3, 5, 6}

1. Gametic chromosome number(s): $n=$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/Neocentric chromosomes):

13. Ploidy level: Diploid^{2, 3, 5, 6}

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms: ^{2, 3, 5, 6}

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:³

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

21. Linkage map:

22. Any other information: