

Genus Datasheet

DBT- Network Programme

Datasheet No. G-011.013
(Family.Genus)

1. Genus: *Widdringtonia*

Bentham and Hooker

Kingdom:

Division:

Order:

Class:

Subclass:

Order:

Family:

Subfamily:

Genus:

2. Systematic Position:

APG IV

- Kingdom:
- Clade:
- Clade:
- Clade:
- Order:
- Family:
- Subfamily:
- Genus:

3. Species:

Global: 4

India: 1

4. Taxonomic riddles:⁴

5. Distribution:

Global: Malawi, Mozambique, South Africa, and Zimbabwe.

India:

6. Habit and Habitat: evergreen shrubs or trees

7.Economic Importance:

8. DNA content range:

Methodology

2C (20.80pg)⁵ Flow cytometry⁵

9. Basic chromosome number(s): $x=11$ ^{1,2,3}

10. Zygotic chromosome number(s): $2n=22$ ^{2,3}

1. Gametic chromosome number(s):

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

13. Ploidy level:Diploid^{1,2,3}

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

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

16. Karyograms:^{2,3}

Miscellaneous

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:⁴

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: