

Datasheet No. A-061.110
(Family.Genus)

1. Genus: *Xenikophyton* Garay

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Xenikophyton* Garay

3. Species:

Global: 2

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Bangladesh, Borneo, Cambodia, China South-Central, China Southeast, East Himalaya, Fiji, Hainan, India, Jawa, Laos, Lesser Sunda Is., Malaya, Myanmar, Nepal, New Caledonia, New Guinea, Philippines, Queensland, Samoa, Solomon Is., Sri Lanka, Sulawesi, Sumatera, Taiwan, Thailand, Tibet, Vanuatu, Vietnam

India: Karnataka, Kerala, Tamil Nadu

6. Habit and Habitat: Epiphytic herb

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):

11. Gametic chromosome number(s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/

Neocentric chromosomes):

13. Ploidy level

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

bands¹²¹

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: