

1. Genus: *Pomatocalpa* Breda

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: *Pomatocalpa* Breda

3. Species:

Global: 23

India: 5

4. Taxonomic riddles:

5. Distribution:

Global: Bangladesh, Borneo, China Southeast, East Himalaya, Fiji, Hainan, India, Jawa, Laos, Lesser Sunda Is., Malaya, Maluku, Myanmar, New Guinea, Nicobar Is., Philippines, Queensland, Solomon Is., Sri Lanka, Sulawesi, Sumatera, Taiwan, Thailand, Vanuatu, Vietnam

India: Arunachal Pradesh, Mizoram, Sikkim, West Bengal, Andaman & Nicobar Islands, Andhra Pradesh, Odisha

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=19^{1, 2}$

10. Zygotic chromosome number(s): $2n=38^{1, 2}$

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

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

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

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

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

16. Karyograms: ²

Meiosis:

17. Banding pattern(s):

bands¹²¹

18. Physical mapping of chromosomes:

CISH.

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: