

Datasheet No. A-061.080
(Family:Genus)

DBT- Network Programme

1. Genus: *Ponerorchis* Rchb.f.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Ponerorchis* Rchb.f.

3. Species:

Global: 20

India: 3

4. Taxonomic riddles:

5. Distribution:

Global: India, Bhutan, China, Nepal, Myanmar, Japan, Korea, Russia, Europe

India: Sikkim, Arunachal Pradesh, West Bengal, Himachal Pradesh, Uttarakhand

6. Habit and Habitat: Terrestrial tuberous 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, aneusomaty, polysomaty):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

bands¹²¹

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

22. Any other information: