

# Genus Datasheet

DatasheetNo. A-377.029  
(Family.Genus)

DBT- Network Progr

1. Genus:*Petalidium*Nees

## 2. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Superasterids
- Clade: Asterids
- Order: LamialesBromhead
- Family: Acanthaceae Juss.
- Genus: *Petalidium*Nees

### Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus:*Petalidium* Nees

## 3. Species:

**Global:** 34

**India:** 1

## 4. Taxonomic riddles:

## 5. Distribution:

**Global:** India, Nepal,Pakistan andSouth Africa.

**India:** Gujarat, Goa, Karnataka, Maharashtra and Tamil Nadu

## 6. Habit and Habitat:Shrub, Moist deciduous forests

## 7. Economic Importance:

## 8. DNA content range:

Methodology:

2C

4C

## 9.Basic chromosome number(s):

**10. Zygotic chromosome number (s):** $2n=32^{1, 2, 3}$

**11. Gametic chromosome number (s):** $n=16^{1, 2, 3}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ 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):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship atChromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:

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