

Genus Datasheet

Datasheet No. A-140.018
(Family.Genus)

DBT- Network Programme

1. Genus: *Parochetus* Buch.-Ham. ex D. Don

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Genus: *Parochetus* Buch.-Ham. ex D. Don

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus: *Parochetus* Buch.-Ham. ex D. Don

3. Species:

Global: 02

India: 01

4. Taxonomic riddles:

5. Distribution:

Global: Africa, Asia and Pacific Ocean

India: Arunachal Pradesh, Assam, Himachal Pradesh, Jammu & Kashmir, Karnataka, Manipur, Meghalaya, Punjab, Sikkim, Tamil Nadu, Uttar Pradesh and West Bengal

6. **Habit and Habitat:** Herbs; Tropical montane grassland and forest edges in damp places

7. **Economic Importance:** Moderately tender ornamentals (blue clover, shamrock pea) in horticulture

8. DNA content range:

Methodology

9. Basic chromosome number(s):

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

11. Gametic chromosome number(s): $n=8^4$

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:⁴

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:*Parochetus*D. Don is a monotypic genus.