

Species Datasheet

Datasheet No. A-140.096.004
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species *Phyllodiumpulchellum* (L.) Desv
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3. Systematic Position: APG IV; Bentham and Hooker:

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetalae

Series: Calyciflorae

Cohors: Rosales Bercht. & J. Presl

Ordo: LeguminosaeJuss.

Subordo: PapilionaceaeGiseke

Genus: *Phyllodium*Desv

Species: *Phyllodiumpulchellum* (L.) Desv

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Phyllodium*Desv
- Species: *Phyllodiumpulchellum* (L.) Desv

4. Distribution:

Global

India

5. Indigenous/Exotic/Endemic; Cultivated/Wild:Wild

6. Threat Status:

IUCN

BSI

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetalae

Series: Calyciflorae

Cohors: Rosales Bercht. & J. Presl

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Genus: *Phyllodium*Desv

Species: *Phyllodium insigne* (Prain) Schindl.

7. Habit and Habitat:

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s): $x=11^1$

13. Zygotic chromosome number(s): $2n=22^{1-4}$

14. Gametic chromosome number(s): $n=11^{2,4}$

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16. Ploidy level:

Image file

17. Agametoploidy:

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

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

21. Somatic chromosomes:¹

Karyotype Metacentric / submetacentric chromosomes

Chromosome size

NOR chromosome(s)

Degree of asymmetrySymmetrical

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis

Male meiosis

Image file

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

**29. Any other information (Aponixis ; Inversion; Male sterility; Pollen grain mitosis;
Pollen stainability ;Translocations etc):**