

Genus Datasheet
DBT- Network Programme

Datasheet No. A-140.025

1. Genus: *Argyrolobium* Eckl. & Zeyh.

3. Systematic Position:
(Family, Genus)

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Argyrolobium* Eckl. & Zeyh.

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: *Argyrolobium* Eckl. & Zeyh.

3. Species:

Global: 97

India: 3

4. Taxonomic riddles:

5. Distribution:

Global: Africa, Afghanistan, Arabia, India, Iran, Nepal, Pakistan

India: North West India, West Himalaya

6. Habit and Habitat: Prostrate herbs and shrubs. Seasonally dry tropical to warm temperate grassland, woodland and forest edges

7. Economic Importance: Used as ground cover for erosion control and medicinal.

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=26^{1,2,3,4}$

11. Gametic chromosome number(s): $n= 13^{1,5,6}$

$n= 14^6$

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: $1,5,6$

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Chromosome number not reported in the following taxa:

Argyrolobium album U.C. Bhattach.

Argyrolobium roseum (Cambess.) Jaub. & Spach subsp. *ornithopodioides* (Jaub. & Spach) Jafri & .