

Genus Datasheet
DBT- Network Programme

Datasheet No. A-140.042
(Family.Genus)

1. Genus: *Colutea* L.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae Lindl.
- Genus: *Colutea* L.

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: *Colutea* L.

3. Species:

Global:25

India:4

4. Taxonomic riddles:

5. Distribution:

Global: Africa, Afghanistan, China, Himalaya, India, Mediterranean region, Nepal, Pakistan, Tibet, USSR, United States

India: Jammu & Kashmir

6. Habit and Habitat: Shrubs; Found in woodland, shrubland, bushland and montane grassland

7. Economic Importance: Ornamental

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 16^1$

11. Gametic chromosome number(s): $n=8^2$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/Neocentric chromosomes):

13. Ploidy level: Diploid¹

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 at

Chromosomal level

DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

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

Colutea armata Hemsley & Lace

Colutea multiflora Ali

Colutea paulsensis Freyn subsp. *mesantha* (Ali) Ali

Colutea paulsensis Freyn subsp. *paulsenii*