

Genus Datasheet

Datasheet No. A-140.090
(family.Genus)

DBT- Network Programme

1. Genus:*Dumasia*DC.

2. Systematic position:APG IV; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Dumasia*DC

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Dumasia*DC

3. Species:

Global

India

4. Taxonomic riddles:

5. Distribution:

Global

India

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 20$ ^{1,2,3}, $2n = 22$ ⁴

11. Gametic chromosome number(s): $n = 11$ ⁵

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: ⁵

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 is not reported in the following taxa :

Dumasianitida Y.T. Wei & S.K. Lee

Dumasianitida var. *kurziana* S.V. Pradeep & Nayar

Dumasiaprazeri S.V. Pradeep & Nayar

Dumasiavillosa var. *arunachalensis* S.V. Pradeep & M.P. Nayar