

Genus Datasheet
DBT- Network Programme

Datasheet No. A-140.043
(Family.Genus)

1. Genus: *Gueldenstaedtia* Fisch.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: FabalesBromhead
- Family: Fabaceae Lindl.
- Genus: *Gueldenstaedtia* Fisch.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: PapilionaceaeGiseke
Genus: *Gueldenstaedtia*Fisch.

3. Species:

Global:12

India:3

4. Taxonomic riddles:

5. Distribution:

Global:Burma,China, India, Myanmar, Mongolia, Pakistan, Tibet, USSR

India:Upper gangetic plains,Western Himalaya

6. Habit and Habitat:Herb.Found in temperate grassland.

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=14^1$, $2n=16^{2,3,4,5,6}$

11. Gametic chromosome number(s):

**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:

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at

Chromosomal level: DNA level:⁷

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

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

dtia. himalaica Baker