

Genus Datasheet

Datasheet No. A-140.092
(Family.Genus)

DBT- Network Programme

1. Genus: *Glycyrrhiza* L.

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: *Glycyrrhiza*L.

Bentham and Hooker (1862)

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

3. Species:

Global: ~30

India

4. Taxonomic riddles:

5. Distribution:

Global:Asia, Australia, Europe, Americas

India

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

2C

4C

Methodology

9. Basic chromosome number(s): $x=8^1$

10. Zygotic chromosome number(s): $2n=16^{1-15}$

11. Gametic chromosome number(s): $n=8^{13,15}$

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

13. Ploidy level:Diploid $^{1-15}$

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

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

16. Karyograms: 1,14

Meiosis: 13,15

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

**19. Phylogenetic relationship at
Chromosomal level:**

DNA level: 18

21. Linkage map:

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

G. glabra L.var. *glabra*

G. glabra L.var. *glandulifera*(Waldst. & Kit.) Regel & Herder