

Genus Datasheet

Datasheet No. A-140.009
(Family.Genus)

DBT- Network Programme

1. Genus:*Galega* L.

3. Systematic Position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global:5

India:1

4. Taxonomic riddles:

5. Distribution:

Global:Abkhazia, Adzharia, Afghanistan, Algeria, Argentina, Austria, Belgium, Bulgaria, Cherkassy, Chernovtsy, China, Colorado, Corsica, Czech Republic & Slovakia, Dnepropetrovsk, Donetsk, East Aegean Is (Greek), former Yugoslavia, France, Germany, Great Britain, Greece, Gruzia, Hungary, Iran, Italy, Ivano-Frankovsk, Kabardino-Balkaria, Kaliningrad, Kaluga, Kharkov, Kherson, Khmel'nitski, Kirovograd, Krasnodar, Krym, Kursk, Lvov, Moldova, Morocco, Moscow, New Zealand (North), Nikolaev, Odessa, Pakistan, Pennsylvania, Peru, Poland, Poltava, Portugal, Romania, Rostov-Don, Russia, Ryazan, Saratov, Severo-Osetia, South Africa, Spain, Stavropol, Switzerland, Turkey, Ukraine, United States, Utah, Vinnitsa, Volgograd, Zakarpatskaya

India:

6. Habit and Habitat:Herbs.Tropical montane grassland, bushland, woodland and forest

7.Economic Importance:*Galega officinalis*used in traditional medicine

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 16^{1-5}$

11. Gametic chromosome number(s): $n = 8^6$

**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:⁶

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: