

# Genus Datasheet

Datasheet No. A-140.012  
(Family.Genus)

DBT- Network Programme

1. Genus: *Laburnum* Fabr.

### 3. Systematic Position:

#### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Genus: *Laburnum* Fabr.

#### 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: *Laburnum* Fabr.

### 3. Species:

**Global:**4

**India:**1

### 4. Taxonomic riddles:

### 5. Distribution:

**Global:** Argentina, Armenia, Austria, Azerbaijan, Belarus, Belgorod, California, China, Corsica, Czech Republic & Slovakia, Dushanbe, Estonia, former Yugoslavia, France, Germany, Great Britain, Gruzia, Hungary, India, Indonesia, Ireland, Italy, Java, Kaliningrad, Kherson, Khmel'nitski, Kiev, Krasnodar, Krym, Latvia, Lipetsk, Lithuania, Moldova, New Zealand (North), New Zealand (South), Odessa, Pakistan, Poltava, Portugal, Romania, Rostov-Don, Russia, Saratov, Stavropol, Switzerland, Tadzhikistan, Ukraine, United States, Utah, Volynia, Voronezh, Washington, Zakarpatskaya

**India:** Himachal Pradesh, Mauritius, Sikkim, Tamil Nadu, West Bengal

6. Habit and Habitat: Trees or shrubs.

7. Economic Importance: Toxic

8. DNA content range:

Methodology

**9. Basic chromosome number(s):**

**10. Zygotic chromosome number(s):**  $2n = 42^1$   
 $2n = 50^2$

**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, aneusomy, polysomy):**

**16. Karyograms:**

**Meiosis:**

**17. Banding pattern(s):**

**18. Physical mapping of chromosomes:GISH:**

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

**20. Cytogenetic mechanism (s) underlying evolution:**