

# Species Datasheet

Datasheet No. A-140.012.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Laburnum anagyroides* Medik.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Cytisus laburnum* L., *Laburnum anagyroides* subsp. *alschingeri* (Vis.) Hayek, *L. anagyroides* subsp. *anagyroides*, *L. anagyroides* subsp. *jacquinianum* (Wettst.) Hayek, *L. vulgare* J. Presl

## 3. Systematic Position:

### APG IV (2016)

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

### 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.  
Species: *L. anagyroides* Medik.

## 4. 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, Sikkim, Tamil Nadu, West Bengal

5. **Indigenous/Exotic/Endemic; Cultivated/Wild:** Wild

## 6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Perennial tree.

8. **Life Form:** Phanerophytes

**9. Economic Importance:** Toxic

**10. Probable Progenitor of:**

**11. DNA**

**C-value Methodology**

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

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

$2n = 50^2$

**14. Gametic chromosome number(s):**

**15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):**

Image file

**16. Ploidy level:**

Image file

**17. Agameteoploidy:**

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

**19. Genomic formula:**

**20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**21. Somatic chromosomes:**

**Karyotype**

**Chromosome size**

**NOR chromosome(s)**

**Degree of asymmetry**

Image file

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

Image file

**23. Physical mapping of chromosomes:**

**In situ hybridization**

Image file

**Fluorescent in situ hybridization**

Image file

**24. Genomic in situ hybridization:**

Image file

**25. Linkage map:**

Image file

**26. Chromosome associations:**

**Female meiosis**

**Male meiosis**

Image file

**27. Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level**

Image file

**DNA level**

**29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):**