

# Genus Datasheet

Datasheet No. A-140.020  
(Family.Genus)

DBT- Network Programme

1. Genus: *Pseudarthria* Wight & Arn.

### 3. Systematic Position:

#### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae Lindl.
- Genus: *Pseudarthria* Wight & Arn.

#### 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: *Pseudarthria* Wight & Arn.

### 3. Species:

Global: 6

India: 1

### 4. Taxonomic riddles:

### 5. Distribution:

Global: Bali, Bangladesh, Burma, Cambodia, East Timor, India, Indonesia, Java, Laos, Lesser Sunda Island, Malesia, Moluccas, Myanmar, Pakistan, Philippines, Sri Lanka, Sulawesi, Taiwan, Vietnam

India: Peninsular, Bihar, Gujarat, West Bengal

6. Habit and Habitat: Subshrubs or shrubs; seasonally dry tropical forest margins, grassland, open or disturbed areas

7. Economic Importance: Used as medicine

### 8. DNA content range:

2C

4C

### Methodology

9. Basic chromosome number(s):  $x=11$ <sup>1</sup>

**10. Zygotic chromosome number(s):**  $2n=22$  <sup>1,2</sup>

**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: <sup>1</sup>Meiosis:**

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

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

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

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

**21. Linkage map:**