

# Genus Datasheet

**Datasheet No. A-140.035**  
(Family.Genus)

**DBT- Network Programme**

**1. Genus:***Taverniera* DC.

**2. Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Taverniera*DC.

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: RosalesBercht. & J. Presl  
Ordo: LeguminosaeJuss.  
Subordo: PapilionaceaeGiseke  
Genus: *Taverniera*DC.

**3. Species:**

**Global:**16

**India:**5

**4. Taxonomic riddles:**

**5. Distribution:**

**Global:**India, Iran, Iraq, Oman, Pakistan, Somalia, United Arab Emirates

**India:**Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Punjab, Rajasthan, West Bengal

**6. Habit and Habitat:**Shrubs or herbs. Found in seasonally dry tropical and subtropical desert, shrubland and bushland

**7. Economic Importance:**Used as a traditional medicine

**8. DNA content range:**

**Methodology**

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

**10. Zygotic chromosome number(s):**

**11. Gametic chromosome number(s):**  $n = 8^{1,2,3}$

**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:**

**21. Linkage map:**

*Taverniera spartea* (Burm.f.) DC.