

**Genus Datasheet**  
**DBT- Network Programme**

**Datasheet No. A-140.038**  
(family.Genus)

**1. Genus:***Xylia*Benth.

**2. Systematic Position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Xylia*Benth.

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division:Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: RosalesBercht. & J. Presl  
Ordo: Leguminosae Juss.  
Subordo: Mimoseae Bronn  
Genus:*Xylia*Benth.

**3. Species:**

**Global:** 9

**India:** 1

**4. Taxonomic riddles:**

**5. Distribution:**

**Global:** India, Burma, Malaysia

**India:** Eastern and western Ghats, Bihar

**6. Habit and Habitat:**Tree. Found in dry evergreen forest and mixed deciduous forest

**7.Economic Importance:**The bark and wood are a source of tannins and red resin. Also woody pods are used as fuel for cooking.

**8. DNA content range:**

**Methodology**

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

**10. Zygotic chromosome number(s):** $2n= 24^{1,2,3}$

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

**12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/ 1 chromosomes):**

**13. Ploidy level:**

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

**15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):**

**16. Karyograms:**

**Meiosis:**

**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:**Chromosome number is not reported in the following taxa:

*Xyliaxylocarpa*(Roxb.) Taub var. *xylocarpa*

*Xyliaxylocarpa*(Roxb.) Taub var. *kerri*(Craib& Hutch.) I.C. Nielses