

# Species Datasheet

Datasheet No. A-140.014.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Lysidicerhodostegia* Hance  
Subspecies  
Variety  
Cultivar  
Hybrid

Image file

## 2. Synonyms:

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: Rosales Bercht. & J. Presl  
Ordo: Leguminosae Juss.  
Subordo: Caesalpinieae Rchb.  
Genus: *Lysidice* Hance  
Species: *L. rhodostegia* Hance

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Genus: *Lysidice* Hance
- Species: *L. rhodostegia* Hance

## 4. Distribution:

**Global:** Africa, China, Hong Kong, Indo-China, South Asia, Sri Lanka, Vietnam

**India:**

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

## 6. Threat Status:

IUCN

BSI

**7.Habit and Habitat:**Shrub or Small tree. Grows along mountain slopes, jungles, among bushes, near roads, along valleys by streams

**8.Life Form:**Phanerophytes

**9.Economic Importance:***L. rhodostegia* is toxic, used medicinally to relieve pain from rheumatism, and arthritis and for detumescence

**10. Probable Progenitor of:**

**11.DNA**

**C-value**                      **Methodology**

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

**13. Zygotic chromosome number(s):** $2n= 16^1$

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

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

Image file

**16.Ploidy level:**

Image file

**17.Agametoploidy:**

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

**19.Genomic formula:**

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

**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; Translocation etc.):**