

# Species Datasheet

Datasheet No. A-140.032.001  
(Family. Genus. Species)

DBT- Network Programme

## 1. Taxon:

Species: *Ormocarpum cochinchinense* (Lour.) Merr.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Dalbergia diphaca* Pers., *Diphaca cochinchinense* Lour., *D. cochinchinensis* Lour., *D. cochinchinense* Lour., *Ormocarpum glabrum* Teijsm. & Binn., *O. orientale* (Spreng.) Merr., *Parkinsonia orientalis* Spreng., *Solulus cochinchinensis* (Lour.) Kuntze

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Genus: *Ormocarpum* P. Beauv.
- Species: *O. cochinchinense* (Lour.) Merr.

### 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: *Ormocarpum* P. Beauv.  
Species: *O. cochinchinense* (Lour.) Merr.

## 4. Distribution:

**Global:** Asia, Australasia, Indian Ocean and Pacific Ocean

**India:** Andhra Pradesh, Tamil Nadu & West Bengal

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

## 6. Threat Status:

IUCN:

BSI

7. **Habit and Habitat:** Shrubs, tropical areas

8. **Life Form:** Chamaephytes

**9. Economic Importance:** Traditionally used for curing bone fracture

**10. Probable Progenitor of:**

**11.DNA**

**C-value                      Methodology**

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

**13. Zygotic chromosome number(s):** $2n=24$ <sup>1</sup>

**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, 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 (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):**