

# Species Datasheet

Datasheet No. A-140.005.001  
(Family. Genus. Species)

DBT- Network Programme

## 1. Taxon:

Species: *Codariocalyx gyroides* (Roxb. ex Link) X.Y. Zhu

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Codariocalyx conicus* Hassk., *Desmodium bracteatum* sensu Micheli, *D. gyroides* (Link) DC., *D. oxalidifolium* H. Lév., *D. papuanum* C.T. White, *D. pseudogyroides* Miq., *Hedysarum gyroides* Link, *H. gyroides* Roxb., *Meibomia gyroides* (Link) Kuntze

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Genus: *Codariocalyx* Hassk.
- Species: *C. gyroides* (Roxb. ex Link) X.Y. Zhu

### 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: *Codariocalyx* Hassk.  
Species: *C. gyroides* (Roxb. ex Link) X.Y. Zhu

## 4. Distribution:

**Global:** Africa, Asia, Australasia, Caribbean, Central America, Indian Ocean and Pacific Ocean

**India:** Arunachal Pradesh, Assam, Bihar, Kerala, Madhya Pradesh, Meghalaya, Nagaland, Orissa, Sikkim, Uttar Pradesh and West Bengal

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. **Habit and Habitat:** Shrub; Plains, grassy riverbanks, sparse forests on mountain slopes

8. **Life Form:** Chamaephytes

9. **Economic Importance:** Fodder plant

10. **Probable Progenitor of:**

**11.DNA**

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

**12.Basic chromosome number(s):** $x=11^1$

**13. Zygotic chromosome number(s):** $2n=22^{2,3}$

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

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

Image file

**16.Ploidy level:**

Image file

**17.Agameteoploidy:**

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