

# Species Datasheet

Datasheet No. A-140.089.001  
(family.genus.species)

DBT- Networ

## 1. Taxon:

Species: *Dioclea hexandra* (Ralph) Mabb.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Canavalia reflexa* (Hook.f.) C.Wright, *Dioclea coriacea* (Graham) Rusby,

*Dioclea fergusonii* Thwaites, *Dioclea panamensis* Hemsl., *Dioclea reflexa* (Hook.f.)

C.Wright, *Dioclea reflexa* sensu Baker, *Dioclea reflexa* var. *australiensis* Domin,

*Dolichos coriaceous* Graham, *Dolichos hexandra* Roxb., *Macropsychnanthus novo-*

*guineensis* Pulle, *Mucuna hexandra* Ralph

## 3. Systematic Position: APG IV; Bentham and Hooker:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Dioclea* Kunth
- Species: *Dioclea hexandra* (Ralph) Mabb.

### 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: *Dioclea* Kunth
- Species: *Dioclea hexandra* (Ralph) Mabb.

## 4. Distribution:

**Global:** Bolivia, Caribbean, Andaman, Angola, Australia, Bangladesh, Belize, Benin, Brazil, Burma, Cameroon, Costa Rica, Ecuador, Ghana, Gabon, Guatemala, India, Indonesia, Jawa, Liberia, Malaysia, Mexico, Myanmar, Nicobar, Nigeria, Panama, Peru, Solomon, Sri Lanka, Surinam, Tanzania

### India

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

## 6. Threat Status:

IUCN

BSI

## 7. Habit and Habitat: Shrub

## 8. Life Form: Perennial

## 9. Economic Importance:

**10. Probable Progenitor of:**

**11.DNA**

**C-value                      Methodology**

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

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

**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.):**