

# Species Datasheet

Datasheet No. A-377.024.012  
(family.genus.species)

DBT- Network Program

## 1.Taxon:

Species: *Hemigraphis venosa* C.B. Clarke

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:***Ruellia venosa* B.Heyne. ex.C.B.Clarke.

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales
- Family: Acanthaceae Juss.
- Genus: *Hemigraphis* Nees
- Species: *H. venosa* C.B. Clarke

### Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo:Acanthaceae Juss.
- Genus: *Hemigraphis* Nees
- Species: *H. venosa* C.B. Clarke

## 4.Distribution:

**Global:** India

**India:** Peninsular India.

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

## 6.Threat Status:

**IUCN:**

**BSI:**

7.**Habit and Habitat:**Herb.Found in grasslands.

## 8.Life Form:

## 9.Economic Importance:

## 10. Probable Progenitor of:

## 11.DNA

## C-valueMethodology

## 12.Basic chromosome number(s):

## 13. Zygotic chromosome number(s):

## 14. Gametic chromosome number(s):

## 15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neocentric Chromosomes etc):

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

**22. Banding pattern(s):**

Image file

**23.Physical mapping of chromosomes:GISH.**

**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**

**27.Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level**

**DNA level**

**29.Any other information:**