

# Species Datasheet

Datasheet No. A-377.024.009  
(family.genus.species)

DBT- Network Program

## 1. Taxon:

Species: *Hemigraphis repanda* (L.) Hallier f.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Ruellia repanda* L.

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Hemigraphis* Nees
- Species: *H. repanda* (L.) Hallier f.

### Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Hemigraphis* Nees
- Species: *H. repanda* (L.) Hallier f.

## 4. Distribution:

**Global:**

**India:** Cultivated

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. Habit and Habitat: Herb.

8. Life Form: Chamaephytes

9. Economic Importance: Used in garden

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):  $2n=28^9$

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, aneusomy, polysomy):**

**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:**