

# Genus Datasheet

DatasheetNo. A-377.015  
(Family.Genus)

DBT- Network

1. Genus: *Dicliptera* Juss.

## 2. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Dicliptera* Juss.

### Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Dicliptera* Juss.

## 3. Species:

Global: 223

India: 24

4. Taxonomic riddles: Yes<sup>12, 13</sup>

## 5. Distribution:

**Global:** Angola, Botswana, Burkina Faso, Cameroon, Cape Verde, Uganda, Chad, Ethiopia, Gabon, Gambia, Ghana, India, Ivory Coast, Kenya, Madagascar, Malawi, Mozambique, Namibia, Niger, Nigeria, Pakistan, Senegal, Sierra Leone, South Africa, South Sudan, Sudan, Tanzania, Togo, Yemen, Zimbabwe and Zambia.

**India:** East India, North to peninsular India, Upper Gangetic Plains

6. **Habit and Habitat:** Herb. Grows in evergreen forest, moist deciduous forest. Some species are member of dry deciduous forests while other are grows in Wet and shady habitat.

## 7. Economic Importance:

### 8. DNA content range:

2C

4C

Methodology:

### 9. Basic chromosome number(s):

10. **Zygotic chromosome number (s):**  $2n=26^{5, 6, 15, 16}$ ,  $2n=60^2$

11. **Gametic chromosome number (s):**  $n=13^{1, 2, 3, 4, 5, 7, 8, 11, 15}$ ,  $n=15^{9, 10}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ Neocentric chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: Chromosomal level<sup>2, 5, 6, 15, 16</sup>

20. Cytogenetic mechanism (s) underlying evolution:

22. Any other information:

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