

# Genus Data Sheet

Datasheet No. A-098.025  
(family,genus,species)

DBT- Network Programme

1. Genus:*Rhynchospora* Vahl.

3. Systematic position:

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Rhynchospora* Vahl

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division:Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Rhynchospora* Vahl

3. Species:

Global:354

India: 10

4. Taxonomic riddles:

5. Distribution:

**Global:**Widely distributed in tropics and subtropics, Indo-Malesia, China, Colombia, Ethiopia, South Africa, Sri Lanka,Pakistan, Sudan, Tanzaniaand Warm Regions of World.

**India:**Kerala, Assam,Meghayala, Mizoram, Punjab, Tamil Nadu,Gujarat, Nagaland, Tripura, Odisha

6. Habit and Habitat:Herb

7.Economic Importance:

8. DNA content range:

Methodology

2C: 4C:

9. Basic chromosome number(s): $x=5^1$

10. Zygotic chromosome number(s): $2n=18^{3,4,5}36^662^2$

**11. Gametic chromosome number(s): $n=10^1$**

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

**13. Ploidy level:Diploid<sup>1</sup>**

**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 atChromosomal; DNAlevel:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**

**22. Any other information:**