

Species Data Sheet

Datasheet No. A-098.025.007
(family.genus.species)

DBT- Networ

1. **Taxon:** *Rhynchospora* Vahl

Species: *Rhynchospora rugosa* (Vahl) Gale

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Chaetosporaferruginea* Kunth, *Chaetosporamauriti* Steud., *Chaetosporavicozensis* Schrad., *Rhynchospora brownii* Roem. & Schult., *Rhynchospora brunnea* Willd. ex Kunth, *Rhynchospora castanea* Nees & Meyen, nom. inval., *Rhynchospora distans* Beyr. ex Kunth, *Rhynchospora effusa* Schrad. ex Nees, *Rhynchospora glauca* var. *chinensis* C.B. Clarke, *Rhynchospora glauca* var. *condensata* Kük.

3. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

4. Distribution:

Global: Widely distributed in tropics and subtropics

India: Kerala, Assam, Tamilnadu

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb

8. Life Form: Annual

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value

Methodology:

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=36^6$

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, aneusomy, polysomy):

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):