

# Species Datasheet

Datasheet No. A-403.058.001  
(family.genus.species)

DBT-1

## 1. Taxon:

Species: *Vittadinia australis*A.Rich.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:**[\*Asterbehrii\*Schldl.](#), [\*A.humilis\* Banks & Sol. ex Hook.f.](#), [\*Eurybiopsisaustralis\* \(A.Rich.\) Hook.f.](#), [\*E.hookeri\*F.Muell.](#), [\*E.scabrida\*Hook.f.](#)

## 3. Systematic Position:

### APG IV (2016)

- Kingdom:Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Vittadinia* A. Rich.
- Species: *V.australis*A. Rich.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Gamopetalae  
Series: Inferae  
Cohors: Asterales Link  
Ordo: CompositaeGiseke  
Genus: *Vittadinia* A. Rich.  
Species: *V. australis*A.Rich.

## 4. Distribution:

**Global:**

**India:**Cultivated

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

## 6. Threat Status:

**IUCN:**

**BSI:**

## 7. Habit and Habitat:Herb.

## 8. Life Form:

## 9. Economic Importance:

## 10. Probable Progenitor of:

**11. DNA**

**C-value**

**Methodology**

**12. Basic chromosome number(s):**

**13. Zygotic chromosome number(s):**  $2n = 18^{1-3}$

**14. Gametic chromosome number(s):**  $n = 18^4$

**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, aneusomaty, polysomaty):**

**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 ;Translocations etc.):**