

# Species Datasheet

Datasheet No. A-140.003.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Bryaebenus* (L.)DC.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. Synonyms: *Aspalathusebenus* L.

## 3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Brya*P. Browne
- Species: *B.ebenus* (L.)DC.

## Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: RosalesBercht. & J. Presl  
Ordo: Leguminosae Juss.  
Subordo: PapilionaceaeGiseke  
Genus: *Brya*P. Browne  
Species: *B.ebenus* (L.)DC.

## 4. Distribution:

**Global:** Native of W. Indies.

**India:** India (cultivated in gardens)

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. Habit and Habitat: Shrub or small tree, erect, height ~600-1200 cm. Found in dry lowland woodland

8. Life Form: Phanerophytes

9. Economic Importance: Ornamental, wood used in making flutes

10. Probable Progenitor of:

11. DNA

**C-value                      Methodology**

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

**13. Zygotic chromosome number(s):**  $2n=20^{1,2}$

**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.):**