

Species Datasheet

Datasheet No. A-098.002.001
(family.genus.species)

DBT- Network Programme

1. Taxon: *Anosporum* Nees.

Species: *Anosporumcephalotes* (Vahl) Kurz

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. Synonyms: *Anosporumcephalotes* (Vahl) Kurz, *Anosporummonocephalum* (Roxb.) Nees, *Cyperus cephalotes* var. *grandiceps* Kük., *Cyperus hookerianus* Thwaites, *Cyperus monocephaloides* Roxb. ex Nees, nom. inval., *Cyperus monocephalus* Roxb., *Cyperus monogynus* Boeckeler, *Cyperus natans* Buch.-Ham. ex C.B. Clarke, *Ficiniafoliaceobracteata* H. Pfeiff., *Trentepohliabifoliata* Boeckeler, *Ungeriamonocephala* (Roxb.) Nees ex C.B. Clarke

3. Systematic Position: APG IV; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Anosporum* Nees.
- Species: *A. cephalotes* (Vahl) Kurz

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Anosporum* Nees.
Species: *A. cephalotes* (Vahl) Kurz

4. Distribution:

Global: Australia (Queensland); Bangladesh; China (Fujian); India; Indonesia (Irian Jaya, Jawa, Kalimantan); Malaysia; Myanmar
Philippines; Sri Lanka; Thailand; Viet Nam

India: Kerala, Assam

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

6. Threat Status:

IUCN: Endangered Species

BSI:

7. Habit and Habitat: Herb

8. Life Form: Perennial herbs

9. Economic Importance: It is commonly known as Bhada in India.

10. Probable Progenitor of:

11.DNA

C-valueMethodology:

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

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, 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):