

Final Species Datasheet

JamU+CalU+SUK-Phase I

Datasheet No. A-018.002.002
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Annona glabra* L.

Subspecies:

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Annona australis* A.St.-Hil., *A. klainei* Pierre ex Engl. & Diels, *A. laurifolia* Dunal, *A. palustris* L., *A. palustris* var. *grandifolia* Mart., *A. peruviana* Humb. & Bonpl. ex Dunal, *A. uliginosa* Kunth, *Asimina arborea* Raf., *Cassia ketschta* Hasselq.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus: *Annona* L.
- Species: *A. glabra* L.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: Annonaceae Juss.
- Genus: *Annona* L.
- Species: *A. glabra* L.

4.Distribution:

Global: Bahamas, Belize, Brazil North, Brazil Northeast, Brazil South, Brazil Southeast, Cameroon, Cayman Island, Central American Pac, Colombia, Congo, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Florida, French Guiana, Gabon, Gambia, Guatemala, Guinea, Guinea-Bissau, Gulf of Guinea Island, Guyana, Haiti, Honduras, Ivory Coast, Jamaica, Leeward Island, Liberia, Mexico Gulf, Mexico Northeast, Mexico Southeast,

Mexico Southwest, Netherlands Antilles, Nicaragua, Nigeria, Panamá, Puerto Rico, Senegal, Sierra Leone, Southwest Caribbean, Suriname, Trinidad-Tobago, Venezuela, Venezuelan Antilles, Windward Island, Zaïre, Andaman Island, Fiji, Galápagos, India, New Caledonia, Seychelles, Society Island, Vietnam

India: West coast of peninsular India, Kerala

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

6.Threat Status:

IUCN: Least concern

BSI

7.Habit and Habitat:Shrub or small tree

8.Life Form:Phanerophyte

9.Economic Importance:Roots used for making corks. Fruit are edible. Seeds serve as insecticide.

10. Probable Progenitor of:

11.DNA

C-value

Methodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=28^3$

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Tetraploid⁴

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):