Final Species Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.016.009 **DBT-** 1
(family.genus.species)

1.Taxon:

Species:*Oropheasivarajanii* Hutch.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: MagnolialesJuss.
- Family: AnnonaceaeJuss.
- Genus:*Orophea*Blume
- Species: *O. sivarajanii* Hutch.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: AnnonaceaeJuss.
- Genus:*Orophea* Blume
- Species: *O. sivarajanii* Hutch.

4.Distribution:

Global: India

India: Kerala

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat: Shrub; evergreen and semi-evergreen forests

8.Life Form: Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

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):