

# Species Data Sheet

Datasheet No. A-078.006.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Polliahasskarlii*R.S.Rao

Subspecies

Variety

Cultivar

Hybrid

Image file

## 2. Synonyms:

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Clade: Commelinids
- Order: Commelinales Mirb. ex Bercht. & J. Presl
- Family: Commelinaceae Mirb.
- Genus: *Pollia* Thunb.
- Species: *Pollia hasskarlii* R.S.Rao

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Coronarieae  
Ordo: Commelinaceae Mirb.  
Genus: *Pollia*Thunb.  
Species: *Polliahasskarlii*R.S.Rao

## 4. Distribution:

**Global:** India, Myanmar, Thailand, Vietnam

**India:** Nagaland, Meghalaya, Mizoram, Sikkim, West Bengal.

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

## 6. Threat Status:

IUCN

BSI

## 7. Habit and Habitat: Herb. Occur in shady places along the streamsides or in dense forest's undergrowth

## 8. Life Form:

## 9. Economic Importance:

## 10. Probable Progenitor of:

## 11. DNA

## C-value Methodology

12. Basic chromosome number(s):  $x=8^5 16^4$

13. Zygotic chromosome number(s):  $2n=32^{1,2}$

14. Gametic chromosome number(s):  $n=16^1$

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

Image file

16. Ploidy level:

Image file

17. Agamete ploidy:

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):**