

# Species Data Sheet

Datasheet No. A-078.006.005  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Pollia thyrsiflora* (Blume) Steud.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Lamprocarpus thyrsiflorus* (Blume) Blume, *Pollia glaucescens* Teijsm. & Binn., *P. philippinensis* Elmer, *P. thyrsiflora* (Blume) Endl. ex Hassk., *Tradescantia thyrsiflora* Blume

## 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 thyrsiflora* (Blume) Steud.

### Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledones

Series: Coronarieae

Ordo: Commelinaceae Mirb.

Genus: *Pollia* Thunb.

Species: *Pollia thyrsiflora* (Blume) Steud.

## 4. Distribution:

**Global:** India, Indonesia, Laos, Malaysia, Philippines, Thailand, Vietnam

**India:** Andaman and Nicobar Islands, Tripura, Uttarakhand.

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

## 6. Threat Status:

IUCN

BSI

7. **Habit and Habitat:** Herb. Along the margins of seasonal streams, in undergrowth of evergreen forest

8. **Life Form:** Chamaephytes

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. **DNA**

## C-value Methodology

12. Basic chromosome number(s):  $x=16^3$

13. Zygotic chromosome number(s):  $2n=32^3$

14. Gametic chromosome number(s):

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

Image file

16. Ploidy level: Diploid<sup>3</sup>

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; Translocations etc):**