

# Genus Datasheet

DatasheetNo. A-076.019  
(Family.Genus)

DBT- Network Progr

1. Genus: *Pinanga* Blume

## 2. Systematic Position: APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Genus: *Pinanga* Blume

## Bentham and Hooker(1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Calycinae  
Ordo: Palmae Juss.  
Genus: *Pinanga* Blume  
Species: *P. caulis* Roxb. ex Buch.-Ham

## 3. Species:

Global: 143

India: 7

## 4. Taxonomic riddles:

## 5. Distribution:

**Global:** Bangladesh, Bhutan, Cambodia, China, India, Indonesia, Laos, Malaysia, Myanmar, Nepal, Papua, New Guinea, Thailand and Vietnam

**India:** Arunachal Pradesh, Assam, Karnataka, Kerala, Maharashtra, Manipur, Meghalaya, Nagaland, Tamil Nadu and Tripura

**6. Habit and Habitat:** Tree. Ranges from sea level to ca. 2800 m in the mountains. Some species may be associated with rocks.

## 7. Economic Importance:

## 8. DNA content range:

4C (35.42pg)<sup>1</sup>

## Methodology:

Feulgen microdensitometry<sup>1</sup>

**9. Basic chromosome number(s):**  $x=14$ <sup>7</sup>

**10. Zygotic chromosome number(s):**  $2n=32$ <sup>1,4,5</sup>

$2n=28$ <sup>2,3</sup>

**11. Gametic chromosome number(s):**

**12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ Neocentric chromosomes):**

**13. Ploidy level:**

**14. Nature of polyploidy (auto, segmental, allo, autoallo):**

**15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):**

**16. Karyograms:**

**Meiosis:**

**17. Banding pattern(s):**

**18. Physical mapping of chromosomes:**

**GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:** DNA level<sup>6,8</sup>

**20. Cytogenetic mechanism(s) underlying evolution**

**21. Linkage map:**

**22. Any other information:**

