

Datasheet No. A-061.005.002  
(family.genus.species)

DBT- Network Programme

1. Taxon:

**Species:** *Androcorys josephi* (Rchb.f.) Agrawala & H.J. Chowdhery

Subspecies:

Variety:

Cultivar

Hybrid

Image file

**2. Synonyms:** *Herminium forrestii* Schltr., *Herminium grandiflorum* Lindl. ex Hook.f., *Herminium josephi* Rchb.f., *Monorchis forrestii* (Schltr.) O. Schwarz, *Monorchis josephi* (Rchb.f.) O. Schwarz

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Androcorys* Schltr.
- Species: *Androcorys josephi* (Rchb.f.)  
Agrawala & H.J. Chowdhery

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Ophrydeae

Subtribus: Habenariae

Genus: *Androcorys* Schltr.

Species: *Androcorys josephi* (Rchb.f.)

Agrawala & H.J. Chowdhery

4. Distribution:

**Global:** India, China

**India:** Throughout Himalayas

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

6. Threat Status:

**IUCN:**

**BSI:**

**7. Habit and Habitat:** Terrestrial herbs in temperate mixed forests

**8. Life Form:** Cryptophytes

**9. Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

**C-value          Methodology**

**12.Basic chromosome number(s):** $x=19^{7,8}$

**13. Zygotic chromosome number(s):** $2n=38^{7,8}$

**14. Gametic chromosome number(s):** $n=19^{7,8}$

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

Image file

**16.Ploidy level:**Diploid<sup>7,8</sup>

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** 19II<sup>7, 8</sup>

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;Translocationsetc.):**