

# Species Datasheet

Datasheet No. A-098.001.030

BT- Network Programme

(family.genus.species)

## 1. Taxon:

Species: *Cyperus laxus* Lam.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Cyperus diffusus* var. *tolucensis* (Kunth) Kük., *C. diffusus* subsp. *tolucensis* (Kunth) Borhidi, *C. diffusus* var. *umbrosus* (Lindl. & Nees) Kük., *C. homoiiria* Steud., *C. laxus* Griseb., *C. laxus* subsp. *laxus*, *C. limbatus* Maury ex Micheli, *C. macrostachyus* Ten. ex Boeckeler, *C. octophyllus* Hochst. ex Steud., *C. tolucensis* Kunth, *C. umbrosus* Lindl. & Nees

## 3. Systematic Position:

### Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledones

Series: Glumaceae

Ordo: Cyperaceae Juss.

Genus: *Cyperus* L.

Species: *C. laxus* Lam.

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.

- Genus: *Cyperus* L.
- Species: *C.laxus* Lam.

**4.Distribution:**

**Global:** Tropical Africa, Mexico to Tropical America

**India:** Throughout India.

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

**6.Threat Status:**

**IUCN:**

**BSI:**

**7.Habit and Habitat:**Herb.Common in moist forests near streams, rocky areas near waterfalls, swampy areas, along streams,rarely in open places

**8.Life Form:**

**9.Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

**C-valueMethodology:**

**12.Basic chromosome number(s):x=**

**13. Zygotic chromosome number(s):2n=**

**14. Gametic chromosome number(s):n=**

**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; Translocation etc):**