

# Species Data Sheet

Datasheet No. A-098.017.006  
(family.genus.species)

DBT- Network Programme

**1. Taxon:** *Kyllinga* Rottb

Species: *Kyllinga squamulata* Thonn. ex Vahl (Accepted Name)

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Cyperus metzii* (Hochst. ex Steud.) Mattf. & Kük., *Kyllinga cristata* Afzel. ex A. Rich., *Kyllinga dentata* Hochst. ex A. Rich., *Kyllinga metzii* Hochst. ex Steud., *Kyllinga squamulosa* Kunth

**3. Systematic position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Kyllinga* Rottb
- Species: *K. squamulata*

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Kyllinga* Rottb  
Species: *K. squamulata*

**4. Distribution:**

**Global:** Tropical Asia and Africa

**India:** Kerala

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

**6. Threat Status:**

**IUCN:**

**BSI:**

**7. Habit and Habitat:** Herb

**8. Life Form:** Annual

**9. Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

**C-value**

**Methodology:**

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

**13. Zygotic chromosome number(s):** $2n=22^{16}108^{13,14}$

**14. Gametic chromosome number(s):** $n=7^{15}54^{13,14,15}$

**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, 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):**