

# Species Datasheet

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**Datasheet No. P-013.001.008**  
- **(family.genus.species)**

**DBT- Network Programme**

## 1.Taxon:

**Species:** *Lygodium scandens* (L.) Sw.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Hydroglossumscandens* (L.) Willd.

*Odontopteris scandens* (L.) Bernh.

*Ophioglossumscandens* L.

*Ramondiascandens* (L.) Mirb.

## 3.Systematic Position:

### Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Schizaeales Shimp
- Family: Lygodiaceae M.Roem.
- Subfamily:
- Genus: *Lygodium* Sw.
- Species: *Lygodium scandens* (L.) Sw.
- Subspecies:

## 4.Distribution:

**Global:** China (Fujian, Guangdong, Guangxi, Hainan, Yunnan), Taiwan, Ryukyu Isl., Australia (Western Australia, Northern Territory, Queensland, NE-New South Wales), South Africa (NE-KwaZulu-Natal), E-Zimbabwe, Angola, D.R.Congo (Zaire), Burundi, Tanzania, Zanzibar, Kenya, Uganda, Central African Republic, Cameroon, Nigeria, Ghana, Zambia, Mozambique, Ivory Coast, Benin, Liberia, Mozambique, Sierra Leone, Gabon, Congo, Senegal, Gambia, Mali, Guinea-Bissau, Guinea, Mauritius, Equatorial Guinea, Sri Lanka, Philippines, Vietnam, Cambodia, Laos, Myanmar [Burma], Singapore, New Guinea, Borneo (Mt.

Kinabalu, etc.), India (Assam, Sikkim, Meghalaya, Madhya Pradesh, S-India), SE-Nepal, Andaman Isl., peninsular Malaysia, Thailand (widespread), Sumatra, Java, Bali, Flores, Sulawesi, Moluccas (Seram, etc.), Solomons, ?Chitral, Southern Marianas (Guam, Rota Isl., Saipan), Palau Isl. (Babeldaob, Koror, Aulupse'el, Kasiuru, Angaur), Micronesia (Yap), Fiji, New Caledonia, Jamaica (introduced), USA (introduced) (Florida (introduced))

**India:** India (Assam, Sikkim, Meghalaya, Madhya Pradesh, S-India)

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

**6.Threat Status:**

**IUCN:**

**BSI:**

**7.Habit and Habitat:**

**8.Life Form:**

**9.Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

| C-value | Methodology |
|---------|-------------|
|---------|-------------|

**12.Basic chromosome number(s):** $x=30^{1, 10, 21}$

**13. Zygotic chromosome number(s):** $2n=60^{10, 21}$

**14. Gametic chromosome number(s):** $n=30^{1, 10, 21}$

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

Image file

**16.Ploidy level:**Diploid (sexual) <sup>1, 10, 21</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** 30 II 1, 10, 21

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.):**