

Dionaea

- [Dionaea muscipula](#)

Dionaea muscipula



Dionaea muscipula

Family	Sundew family (Droseraceae)
Genus	Dionaea
Clade	Eudicots
Species	Dionaea muscipula
Author	J. Ellis
Distribution	USA
Climate	Temperate
Space requirement	low
Growth habit	Rosette
Tolerance	Broad

The Venus flytrap (Dionaea muscipula) is probably the best-known carnivorous plant of all. It occurs exclusively within a radius of about 100 km around the city of Wilmington in the United States. Its distribution range lies in pocosin bogs located in the states of North and South Carolina.

These bogs have very nutrient-poor and acidic soils that are peaty and sandy. The habitats are permanently moist and always located in very sunny, open areas. In the wild, Dionaea muscipula is already threatened, yet it is available in almost every well-stocked garden center or hardware store, and sometimes even in furniture stores.

In its natural habitat, temperatures range from -10 °C to 40 °C. Venus flytraps require a winter dormancy for healthy long-term cultivation. During winter, temperatures should not exceed 12 °C.

Cultivation

Ideal Conditions

Parameter	Suggestion	Notes
Temperature (Summer)	10 - 30 °C	Also withstands 40 °C but isnt recommended. Substrate should stay cooler
Temperature (Winter)	-10 - 12 °C	should below 12 °C in Winters to stay in dormancy
Light	1500-2000 PPF	Full sun in the outside is preferred, 8hrs or more. Wont live behind windows for too long
Humidity	30-60 %	Needs no special humidity, below 70% often prevents mold issues

Substrate & Fertilizing

Parameter	Suggestion	Hinweise
Substrate	Peat, Perlite, Sand mixes or Sphagnum	One of the very few species which isnt recommended to have potted in anything else
Potsize	small pot	it crawls slowly forward and deeper into the pot. 9cm pot enough for many plants
Watering	Always keep very moist	Having a tray always filled with water
Fertilizing	2-3 Osmocote per Pot	Osmocote is something which works well with Flytraps
Fertilizer Tolerance	medium	Doesnt need fertilizer if kept outside, it will catch insects for sure

Unique characteristics

- Is available with many unique traits and mutations

- Often wont get red when roots are disturbed in the same season
- Flower stalks can be used for propagation
- Dormancy can be done in the fridge if no other good space is available
- Doesnt need any light below 5 °C
- Flowers occur between April - May, they can be cut to save the plant a lot of energy
- Monotypical Genus
- Rhizomes can be divided for propagation
- Dormancy in a bog often without any issues when temperatures arent below -10 °C
- Seeds remain viable only for a very short time and should always be sown immediately, does not require stratification

Galery

General Pictures

-- no pictures yet --

User Cultivatad Plants

Bild	Conditions
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Dionaea muscipula - Megatraps



Dionaea muscipula - Megatraps
at frost



Dionaea muscipula - GJ Shir Khan

Temperature

- Outdoor middle-Germany

Humidity

- Weather-dependant

Light Intensity

- Southwest-facing balcony → full sun from around 12:00 noon

Notes

- Cultivated in pots placed in Euro trays and 9 × 9 cm pots, standing permanently in about 3–4 cm of water.
- Covered in winter for frost protection

Cultivated By: [Tim](#)

Common Issues

- Way too less light
- No Dormancy period
- Watering with tap water (lime !)

Weblinks

- [Wikipedia - Dionaea muscipula](#)