

Euphorbia friedrichiae

Family: Euphorbiaceae



Collection Number:

Description: Small succulent shrub, growing up to approximately 30 cm in height. During dry periods, i.e. for much of the year, the plant is grey and appears dried up and dead, with no leaves. Only after rain does it take on a delicate pale green colour, and growth tips may be red. The stem is very round, swollen and grey. It has a scaly appearance. Short, fat, knobby branches protrude from all angles, giving the plant a rounded "hedgehog-like" appearance. Leaves appear to grow only after rainfall. They are linear, long and fine, pale green and often edged in red. Cyathia also appear after rainfall.

Habitat: This *Euphorbia* grows in the dune belt in the southern part of the Reserve. It grows in full sun, on gentle slopes between and on the top of stable dunes. Nowhere on the Reserve is it common, and individuals usually grow in isolation. Only rarely is a small group of the plants found growing together.

General information: *Euphorbia friedrichiae* is a protected plant, it appears on Appendix II of CITES.





DATE: 10.06.99

Collector: Louise Clapham No.: 31

Provisional name¹ Euphorbia frederiki

LOCATION:

Region² Grid ref.³ 2515 BB

Major⁴ Maltahöhe Alt. m/ft

Minor⁵ Wolwedans Namibland Relevé

Precise⁶ In sand dunes between farms Wolwedans and Die Duine

HABITAT:

Vegetation type⁷ Desert

Substrate⁸ Sand dunes Moisture regime⁹ well drained

Soil type¹⁰ Sand-fine Lithology¹¹ Aeolian sand dunes

Exposure¹² full sun Aspect¹³ gentle + flat Slope¹⁴ gentle + flat

Biotic effect¹⁵

Other¹⁶

PLANT FEATURES¹⁷⁻²⁴

Plant height max 500 cm

Small shrub, succulent swollen stem, grey in colour, branching out from all over the stem. Branches thick, knobbly, grey when dry, pale green after rain. Growth tips tinged with red. Leaves long and fine, pale green edged with red.

NOTES²⁵⁻³¹

Local abundance²⁵

Flower specimen taken from a plant relocated to the garden. Flowering appears to be only after rainfall, as does growth of leaves.

HERBARIUM USE ONLY

Name of plant

Genspec /

Det. Date No. of labels

FLOWERS: Present ♂ Absent ♀ Absent FRUIT: Present Absent

SEEDS: Present Absent TYPE SPECIMEN: Yes No

SPECIMEN STATUS: Essential Keep Return Discard

DUPL. DIST.