

Orostachys japonica

Cotyledon japonica Maxim.
Cotyledon polycephala Makino
Orostachys japonica f. polycephala (Makino) H.Ohba
Orostachys kanboensis Ohwi
Orostachys polycephala (Makino) H.Hara
Sedum japonicola Makino
Sedum polycephalum (Makino) Makino

Orostachys japonica (Japanese■■■■■■■■■■■■■■■■■■■■also known as rock pine is a species of flowering plant in the family Crassulaceae.[1] Native to East Asia. Its main habitat is on the surface of mountain rocks in Korea, Japan and China.[2][3]

Orostachys japonica is a biennial/perennial plant growing to 10 centimetres (3.9 in). It is in flower from September to October. The flowers are hermaphrodite. The rosette leaves shape like a spatula.[3]

Because of its growing shape which resembles a pine tree's cone, and its habit of growing on mountain rocks, it is also called rock pine.[2]

It grows well in a sunny or semi-shaded(light woodland) location with a well-drained and moist soil that is low in nutrients.

Its flowers bloom from September to October. The flowers are white and each flower has 5 conical petals. The flower lacks a peduncle. Its calyx is divided into 5 parts. When the flowers bloom and produce seeds, it dries out.

The leaves and stems contain several medically active constituents including fatty acid esters, Friedelin and flavonoids.[2] They are antispasmodic and cytotoxic. It has anti-cancer effects in vitro. In Korea, they are used in the treatment of cancer, gingivitis, coagulation and metritis.[2]

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