



M.E. Eaton

PACHYPHYTUM BRACTEOSUM

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Large-bracted Pachyphytum

Native of Mexico

Family CRASSULACEÆ

ORPINEÆ Family

Pachyphytum bracteosum Klotzsch, Allg. Gartenz. 9: 9. 1841.*Echeveria bracteosa* Lindl. & Paxt. Fl. Gard. 3: 60. f. 261. 1853.*Cotyledon Pachyphytum* Baker, in Saund. Ref. Bot. 1: under pl. 59. Cotyledon no. 12. 1869.*Echeveria Pachyphytum* Morren, Belg. Hortic. 24: 157, as synonym. 1874.

A leafy-stemmed, fleshy plant. The stems are up to a foot long, one to one and one half inches thick, and very leafy throughout. The leaves are thick, stiff, flattened, the lower ones standing at right angles to the stem, the upper ones erect or curved with ascending tips, purplish or bluish green, glaucous, oblanceolate, two inches or more long, acutish, terete at the base. The flowering stem is elongate, simple, eight inches to two feet long, naked below but leafy above, strongly curved at the apex, secund; the bracts are numerous, arranged in two imbricated rows, cordate at base; the pedicels are very short. The five sepals are unequal, and glaucous; the two outer and lateral ones are nearly equal, larger than the others, broadly oblong, obtuse, about a third of an inch long; the upper sepal and the two lower ones are much smaller. The corolla is about a fifth of an inch long, dark red, its five lobes spreading, and free nearly to the apex. Of the ten stamens the five alternating with the petals are free from the corolla, the other five borne on the petals, each with a pair of appendages at its base. The five carpels are free to the base, erect, each with a broad scale at its base.

This illustration is based on specimens obtained from Fairmount Park, Philadelphia, Pennsylvania, in 1900, which flowered in the New York Botanical Garden.

This is a well-known greenhouse plant, often passing as *Cotyledon Pachyphytum* or as *Echeveria Pachyphytum*, but is abundantly distinct from both *Cotyledon* and *Echeveria*. *Pachyphytum longifolium* has been already illustrated in this work at plate 4.

J. N. ROSE.

EXPLANATION OF PLATE. Fig. 1.—Habit sketch, plant about one fifth natural size. Fig. 2.—Apex of stem, with rosette of leaves. Fig. 3.—Apex of scape, with flowers. Fig. 4.—Flower, seen from above. Fig. 5.—Flower, sepals removed. Fig. 6.—Corolla, split open, exposing pistils and stamens.