

Notes on Cypripedium guttatum Schwartz.
by U. H. Dally

Stem 2 or 3-leaved, hirsute, 6-15 in high 1-2 or very rarely 3-flowered. Leaves 2-4 in long, finely hirsute below, smooth above; deep, dull green.

A single small bract at the base of the ovary. 2 anterior sepals slightly separated at the tip: light green with streaks of maroon on edges.

Posterior sepal large, overhanging with the outer side waxen white, the edges and occasionally the nervures touched with dark claret-color. Inner side dark maroon with the base of insertion slightly mottled with light yellow, and there thickly set with fine stiff outward pointing hairs.

Petals small and hirsute at the base like the last, then widening and again attenuating toward the tip which is enlarged, rounded, & patulous. Whitish at the base then mottled with dark maroon and with a conspicuous white spot on the patulous tip, edged with maroon.

Lip large pocket-shaped, narrow at the insertion, the inner edges folding over one another in front of the column. and with a narrow white reflexed inner edge nearly all round the opening. Median line behind and below indented, forming a crape on the inside which is thickly covered with long thickset hairs pointing toward the base of the

column. Flies enter the mouth of the sack attracted by a sticky, ^{sweet} viscid secretion of the inside and by the reflexed edge & pointed hairs are obliged to crawl out between the column and the stamen, catching the sticky pollen on their backs, & ^{thus} fertilizing the next one they may happen to go into.

Reflexed portion of the lip pure white, interior whitish. Outside claret color more or less mottled with greenish white on the lines of nervation.

Column stout, foursided at base, rounded above. Stigmatic part hoof-shaped rounded on the edge & with a keel behind. Two short small rounded hornlike stamens bearing each a two-celled anther of very gummy pollen & keeled below, rounded in two kidney shaped lobes above. Incurved & notched in front. Golden yellow behind, above & below, white in front & dotted with specks of maroon - Column greenish white.

Grows on wet hill sides exposed to the sun from 20- to 300 feet above the sea. Distribution in Alaska - Kodiak Id. - Alaska Peninsula, Unalashka Island and some of the islands between Kodiak & Unalashka, especially those near the peninsula. Not detected, though carefully looked for. west ~~of~~ of Unalashka, north or east of Kodiak. Flowers in June (15th) to July (20). - Grows to seed in August.

Note, yellow water lily most N + W at Kodiak.

Symplocarpus, very large 4 feet high leaves 2 ft wide ^(middle) ₂₀₋



Dall, William Healey. 1872. "Notes on *Cypripedium guttatum* Schwartz." *Plant lists, Alaska*

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