

adapted to the necessity of the work and the preservation of the valuable records belonging to the department, will continue to do still nobler deeds in the cause of geological science.

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SOME NEW MOSSES FROM THE PRIBYLOV ISLANDS, BEHRING SEA.

(Jas. M. Macoun.)

While with the British Behring Sea Commission last summer a number of plants were collected among which were several mosses new to America and a few new to science.

Dr. N. C. Kindberg has already described six new species and varieties which are given below. All were found on St. Paul Island, in about 57° N. Lat. and 170° W. Long.

CERATODON HETEROPHYLLUS, Kindb. n. sp. Agrees with *Ceratodon purpureus* in the shape of the capsule and the stem leaves, the not excurrent costa and the revolvable annulus, but the capsule is often more curved and distinctly strumose; agrees with *Ceratodon conicus* (Hampe.) in the peristomial teeth having few articulations; differs from both in the blunt perichetial leaves, is also very peculiar in the short, concave, sub-oval leaves of the long shoots.

DIDYMODON BADEN-POWELLI, Kindb. n. sp. Differs from *Didymodon rubellus* in the dioecious inflorescence, the blunt, conic, very short lid, scarcely $\frac{1}{3}$ of the capsule, and the distinctly dentate leaves (as in *Didymodon alpinus*, Vent.) The tufts are compact, about 2 cm. high, the leaves revolute nearly all around, short-acuminate, the lower pale brown, perichetial ones longer acuminate or subulate entire. The capsules are (unripe) more or less curved, the pedicel pale red. Named for Sir George Baden Powell, one of the commissioners.

WEBERA CANALICULATA, C. M. & Kindb., var. *MICROCARPA*, Kindb. n. var. Differs only in the much smaller capsule.

BRYUM BRACHYNEURON, Kindb., n. sp. Agrees with *Bryum pendulum* in the synœcious inflorescence, the peristomes orange, the