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l May, the colpeculiarities of

vate lanceolate, convex, obtuse, ruiting in early 1 shady places, woods back of x.

gium cernuous, green patches rom below upof a budlike ls smaller than e leaves shrivel sporangium beant. Plants of thole Bryologice the nearest f the attention mospheric conheir successful

dy brooks.

toothed nerve, dulous, lid conies, and places exposed to sunlight, leaves inconspicuous, fruiting in early spring and through the summer.

ORDER.—Polytrichiei, Brid. & Sch.

POLYTRICHUM, commune, L., fruiting in June.

P. JUNIPIRINUM, Hedw., fruiting in June.

Atrichum, undulatum, P. Beauv., common, fruiting in autumn, forming dense green patches.

Order.—Tetraphidei, Br. & Schimp.

Tetraphis, pellucida, Hedw.

Very common in shady woods and on roots of trees, fruiting in summer and autumn, easily recognized by the four-toothed peristome and the cup-shaped cluster of leaves surrounding the gems.

Order.—Grimmiei, Br. & Schimp. Schistidium, maritimum, Br. & Schimp.

Leaves rigid, strongly acuminate nerve excurrent, much crowded erectopatent, sporangium obovato truncate, lid very large, shortly rostrate, fruiting in autumn, growing on granite boulders, dark olive green, pulvinate.

Order.—Hedwigiacei, Br. & Schimp. Hedwigia, ciliata, Hook & Wils.

Branches fastigiate, leaves imbricated, oblong lanceolate, sporangium globose immersed, veil hairy perichetial leaves ciliated, lid plano convex, with a central papilla, variable, common on granite boulders, lurid green pulvinate, fruiting in autumn and through the winter.

ART II.—ON NOVA SCOTIAN FERNS.—BY REV. E. N. BALL, MACCAN, Communicated by Dr. LAWSON.

(Read November 11, 1878.)

I HAVE been examining more closely the varieties of Aspidium Spinulosum (Gray) this Summer, and offer the following as my more matured observation.