

Platanus from Woods, woods  
coll. Nov 1895 by Elmer & Merrill.

- 3 *Andropogon petrophila* Ehrh  
4 *Sphagnum acutifolium* (Ehrh) R & W  
" " *peruvianum* Lanust  
" " *rubrum* "  
19 *Dicranum Bonziani* De Not  
" *longifolium* Ehrh  
" *undulatum* "  
39 *Juncus adiantoides* (L) Nees  
88 *Grimmia apocarpa* gracilis (Schl) Corti  
160 *Mnium silvaticum* Lindb  
169 *Georgia pellucida* (L) Nees  
172 *Utricularia sexilis* (Schum) Lindb  
178 *Catharisma undulata* (L) Corti  
180 *Pogonatum alpinum* (L) Nees  
184 *Tortularia antipodica* gigantea Sull  
265 *Leskea nervosa* (Schwab) Pezom  
" *polycarpa* Ehrh  
267 *Anomodon apiculatus* B.S.  
" *attenuatus* Heber.  
274 *Thuidium delicatulum* (L) Mitt  
" *recogitum* (Nees) Lindb  
" *serotinum* aestivalis Aust  
299 *Brachythecium Campetris* B.S.  
" *novae Angliae* (B.S.) J.S.  
" *oxycladon* (Prid.) J.S.  
" *populeum* (Nees) B.S.  
" *salebrosarium* (Hoffm.) B.S.  
303 *Eurhynchium strigosum* (Hoffm.) B.S.  
305 *Rhyssocostium musciforme* (Nees) B.S.

307. *Raphidostegium recurvum* (Nix) J. F.  
 314 *Pleurothecium denticulatum* (L.) Br.  
 " *terreum* Lindl.  
 319. *Amblystegium eriguum spinifolium* Schimp.  
 322 *Hypnum Waldianum* Griseb.  
 322.10 " *Cristacastrius* L.  
 " " " *ochraceum* Turon.  
 323.3 *Nyloconium umbratum* (Ehrh.) Br.  
 all the above from Chairback Mt -  
 near Katahan Iron Works.
- 

The foll. from wet soil  $\frac{1}{2}$  mile to  
 Iron Works + the only species  
 seen at the locality.

- 18 *Dicranella cerviculata* Schimp.  
 53 *Ditrichum vaginans* (Full.) Hamp.  
 156 *Bryum caespiticium* L.  
 180 *Pogonatum tenue* (Menzies) E. G. B.

copied by G. G. K.  
 21 Dec 99.

3. *Andrena*

*petrophila* Ehrh

*Rothii* Web + Mohr (*A. rupestris* L. + f. *Manu*)

*crassinervis* Br

*rupestris* Jurz

	NEMe	NH	VtMs	RICT
<i>petrophila</i> Ehrh	-	-	+	+
<i>Rothii</i> Web + Mohr ( <i>A. rupestris</i> L. + f. <i>Manu</i> )			-	-
<i>crassinervis</i> Br	-	-	-	
<i>rupestris</i> Jurz				+

*Sphagnum*  
*macrophyllum* Beruh

NEMe NH VtMs RICT

*Lindbergii* Schpr  
*v. macrophyllum* Warnst  
*riparium* Aougstr  
 " *v. platyphyllum* Russ  
*recurvum* (Beaur) Russ & Warnst  
*v. pulchrum* Lindb  
*v. mucronatum* Russ  
*v. amblyphyllum* Russ  
*v. parviflorum* (Sendt) Warnst

*cuspidatum* Ehrh  
*v. Torreyanum* (Sull)  
*v. Miguelonense* R. & Card  
*v. falcatum* Russ  
*v. submersum* Schpr  
*v. plumosum* N + H  
*v. plumulosum* Schpr  
*v. recurvum* Beaur

	NEMe	NH	VtMs	RICT
<i>macrophyllum</i> Beruh				-
<i>Lindbergii</i> Schpr		-		
<i>v. macrophyllum</i> Warnst		+		
<i>riparium</i> Aougstr		-		
" <i>v. platyphyllum</i> Russ		+		
<i>recurvum</i> (Beaur) Russ & Warnst	-	-		-
<i>v. pulchrum</i> Lindb	+	-		
<i>v. mucronatum</i> Russ	-		+	+
<i>v. amblyphyllum</i> Russ	-	+	+	+
<i>v. parviflorum</i> (Sendt) Warnst	-	+		
<i>cuspidatum</i> Ehrh			+	-
<i>v. Torreyanum</i> (Sull)			+	
<i>v. Miguelonense</i> R. & Card	-		+	
<i>v. falcatum</i> Russ	+		-	+
<i>v. submersum</i> Schpr	+		-	+
<i>v. plumosum</i> N + H			-	+
<i>v. plumulosum</i> Schpr	-			
<i>v. recurvum</i> Beaur			-	

4. Sphagnum

fimbriatum Wils

v. tenue Gravet

Girgensohnii Russ (strictum)

v. coryphaeum Russ

v. hydrophilum Russ

v. molle Russ

v. sphaerocephalus Warnst

v. stachyodes Russ

v. teretiuscula Warnst

v. commune Russ

v. cristatum Russ

Russonii Warnst

v. carneum Russ

v. Girgensohnioides Russ

v. obscurum Russ

v. proecilum Russ

v. rhodochroum Russ

fuscum (Schpr) Wnottling

v. fuscescens Warnst

v. fusco-viride (Russ) Warnst

v. pallens Russ

	NEMe	NH	VtMs	RICT
<i>fimbriatum</i> Wils	-	-		
v. <i>tenue</i> Gravet			+	+
<i>Girgensohnii</i> Russ (strictum)	-	-	-	
v. <i>coryphaeum</i> Russ		+	-	
v. <i>hydrophilum</i> Russ	-			
v. <i>molle</i> Russ		+		
v. <i>sphaerocephalus</i> Warnst	-			
v. <i>stachyodes</i> Russ	-	+		
v. <i>teretiuscula</i> Warnst	-			
v. <i>commune</i> Russ		+		
v. <i>cristatum</i> Russ		+		
<i>Russonii</i> Warnst	-	-	-	
v. <i>carneum</i> Russ	-	+	+	
v. <i>Girgensohnioides</i> Russ		-	-	
v. <i>obscurum</i> Russ		-		
v. <i>proecilum</i> Russ	-	+	-	
v. <i>rhodochroum</i> Russ	-	-	+	
<i>fuscum</i> (Schpr) Wnottling				-
v. <i>fuscescens</i> Warnst	-	+		
v. <i>fusco-viride</i> (Russ) Warnst		+	-	
v. <i>pallens</i> Russ				+

Sphagnum		NEMe	NH	VtMs	RICT
<i>tenuellum</i> (Schpr) Warming		-	-	-	
<i>v. rubellum</i> (Wils) Russ			-	-	+
<i>v. versicolor</i> Warnst			-	-	+
<i>v. viride</i> Warnst				-	
<i>v. pallescens</i> Warnst			-	-	
<i>v. violascens</i> Warnst			-		
<i>Warnstorffii</i> Russ			-	-	-
<i>v. purpurascens</i> Russ			-	+	-
<i>v. versicolor</i> Russ				-	+
<i>v. viride</i> Russ				-	-
<i>v. violascens</i> Warnst			-		
<i>v. virescens</i> Russ				+	+
<i>quingrefarium</i> (Braith) Warnst					
<i>v. roseum</i> (Jur) Warnst				+	
<i>v. viride</i> Warnst				+	-
<i>v. versicolor</i> (Braith) Warnst				+	
<i>tenerum</i> (Aust) Warnst					+

Sphagnum

	NEMe	NH	VtMs	RICT
acutifolium (Ehrh. ex parte) Russ + Warnet	-	-	-	-
v. purpurascens Warnet		-	-	
v. versicolor Warnet	-	+	-	+
v. flavo-rubellum Warnet		+		
v. viride Warnet	-		-	+
v. pallescens Warnet	-	-	-	
v. rubrum Warnet	-	+		+
v. purpureum Schpr			-	-
<del>intermedium</del>			-	
v. roseum Warnet		+		+
subnitens Russ + Warnet	-	-	-	-
v. flavicomans Card	+			+
v. viride Warnet			-	
v. obscurum Warnet	-		+	+
v. pallescens Warnet	+			
v. violascens Warnet	-			
v. robusta Cauton E7			-	
subsquarrosum DeNotari E7			-	
molle Sull.	-			
v. tenerum (S. + L.) Braith				-

	NEMe	NH	VtMs	RICT
<i>Sphagnum</i> <i>dasyphyllum</i> Warnet				—
<i>molluscum</i> Br. ( <i>tenellum</i> Ehrh.) v. <i>robustum</i> Warnet	— +			
<i>Mendocinum</i> S. + L. ( <i>Dusenii</i> R+W) <i>Dusenii</i> (R+W) <i>Dusenii</i> R+W. v. <i>parvifolium</i> Warnet	— — —	— + +	—	
<i>squarrosum</i> Pers v. <i>spectabile</i> Russ v. <i>semisquarrosum</i> Russ	— — —	+ + —	+ — —	— — —
<i>teres</i> Bongstr v. <i>imbricatum</i> Warnet v. <i>subsquarrosum</i> Warnet v. <i>squarrosum</i> Seegf	— — — —	— — + +	— + — —	
<i>Wulfianum</i> Girgen v. <i>versicolor</i> Warnet v. <i>viride</i> Warnet	— — —	— + +	— — —	

	NEMe	NH	VtMs	RICT
<i>Sphagnum</i>				
<i>compactum</i> DC. ( <i>Garberi</i> L.+f.) ( <i>strictum</i> Sull.; <i>humile</i> + <i>rigidum</i> Schpp.)	-			-
v. <i>squarrosum</i> Rues	+		-	
v. <i>imbricatum</i> Warnet	-			
v. <i>subsquarrosum</i> Warnet	+			
<i>Garberi squarrosum</i> Warnet L+f	+			
<i>subsquarrosum</i> Warnet	-			
<i>Pylaii</i> Brid <i>Pylaesii</i>		-		
v. <i>ramosum</i> Warnet	+	-		
v. <i>sedoides</i> (Brid) Lindb		-		
<i>cyclophyllum</i> S+L			-	
<i>platyphyllum</i> (Sull. Lindb) Warnet			-	
v. <i>laxifolium</i> , Warnet.			+	
<i>contortum</i> Schultz ( <i>laricinum</i> Spr)		+	-	+
<i>subsecundum</i> Nees	-	-	-	
v. <i>viride</i> Bone			-	
v. <i>macrophyllum</i> Roell	-	+		+
v. <i>mesophyllum</i> Warnet	-	+		+ +
v. <i>microphyllum</i> Roell	-	+		

*Sphagnum*

NE MeNH VtMs RICT

*cymbifolium* Elvoh  
v. *glaucescens* Marust  
v. *pallidum* Marust

+

+

+

+

Sphagnum

rufescens N+H (contortum Nees)

obesum Wils

imbicatum (Hsch) Russ (Austinii S)

v. cristatum Warnst

v. sublaeve Warnst

v. affine (R+C) Warnst

cymbifolium Ehrh <sup>see also</sup> other sheet.

v. laeve Warnst

v. sublaeve Simpr

v. papillosum (Lindb) Schpr

~~v. papillosum v. normale Warnst~~ below.

medium v. versicolor

medium v. roseum Roll

medium Simpr

v. laeve Warnst

v. pallescens Warnst

v. purpurascens Warnst

v. glaucescens Warnst

plicatum Warnst (cuski's group?)

papillosum Ludb

v. intermedium (Russ) Warnst

v. normale Warnst.

	NEMe	NH	VtMs	RICT
rufescens N+H (contortum Nees)	-	+	+	- +
obesum Wils		-	-	+
imbicatum (Hsch) Russ (Austinii S)			-	
v. cristatum Warnst	-			
v. sublaeve Warnst	-	+		
v. affine (R+C) Warnst	-	+		+
cymbifolium Ehrh <sup>see also</sup> other sheet.	-	-	-	- -
v. laeve Warnst	-		-	
v. sublaeve Simpr				
v. papillosum (Lindb) Schpr		-	-	-
<del>v. papillosum v. normale Warnst</del> below.	-			
medium v. versicolor				+
medium v. roseum Roll				+
medium Simpr	-		-	
v. laeve Warnst	-	-	-	
v. pallescens Warnst	-			
v. purpurascens Warnst	-			+
v. glaucescens Warnst		+		
plicatum Warnst (cuski's group?)			-	
papillosum Ludb				
v. intermedium (Russ) Warnst		+		
v. normale Warnst.		+		

	NEMe	NH	VtMs	RICT
5. <i>Aetonium</i> <i>Sullivanii</i> Sch			—	—
7. <i>Gymnostomum</i> <i>rupestre</i> Schleich [Schwaegr]			+ —	
<i>curvirostrum</i> (Ehrh) Hedw			+ —	—
<i>calcareum</i> N. & H.		+		
10. <sup>2</sup> <i>Weisia</i> <i>viridula</i> (L) Hedw			+	
<i>v. gymnostomoides</i> C. M.	—		—	—
10. <sup>3</sup> <i>Rhabdoweisia</i> <i>fugax</i> (Hedw) B.S.	—	+		
<i>denticulata</i> (Brid) B.S.	—	+ —		
10. <sup>4</sup> <i>Dicranoweisia</i> <i>crispula</i> (Hedw) Lindb				—

11. *Cynodontium*

- gracilescens* (Web + Mohr) Schpr  
 v. *inflexum* Schpr  
*polycarpum* (Ehrh.) Schpr  
*virens* (Scuz) Schpr  
 v. *Wahlenbergii* (Brid) Schpr  
 v. *compactum*

NEMe NH VtMs RICT

-		+		-
	-	-	-	
			+	-
	-	-	+	-
		-		

12. *Dichodontium*

- pellucidum* (L) Schpr  
 v. *Americanum* Lesq  
 v. *fraginotatum* (Brid) Schpr

			-	
		-		
			-	

13. *Trematodon*

- ambiguus* (Hedw) Hsch  
*longicollis* Mt

-	+	+	+	-	+
-				-	

18. *Dicranella*

Schreberi (Swg) Schpr  
 squarrosa (Stark) Schpr  
 cerviculata (Hedw) Schpr  
 varia (Hedw) Schpr  
 rufescens (Dicks) Schpr  
 subulata (Hedw) Schpr  
 heteromalla (L) Schpr  
 v. orthocarpa (Hedw) Par.  
 curvata (Hedw) Schpr

	NEMe	NH	VtMs	RICT
Schreberi (Swg) Schpr	—	—		
squarrosa (Stark) Schpr	—?	+		
cerviculata (Hedw) Schpr		—	—	—
varia (Hedw) Schpr			—	—
rufescens (Dicks) Schpr			—	—
subulata (Hedw) Schpr	—	+		—
heteromalla (L) Schpr	—	—	—	+
v. orthocarpa (Hedw) Par.			—	—
curvata (Hedw) Schpr		—		

19. *Dicranum*

	NEMe	NH	VtMs	RIct
<i>fulvellum</i> (Dicks) Smith	-	+		
<i>Starkei</i> Web + Mohr	-	-		-
<i>falcatum</i> Hedw		+	-	
<i>Blyttii</i> B.S. (D. Schistii (Gru) Lindb)	-	-	-	
<i>strictum</i> Schleich			- - -	
<i>montanum</i> Hedw	-	-	+ + +	
<i>viride</i> (D + L) Lindb	-	-	- +	
<i>flagellare</i> Hedw	-	-	+ + +	- -
<i>fulvum</i> Hook (D. interruptum B.S.)	-	-	+ +	- -
<i>longifolium</i> Ehrh (1786) Hedw (1792)	-	+	+ + +	- -
v. <i>plumosum</i> Seeg			-	
v. <i>subalpinum</i> Milde			+	
<i>elongatum</i> Schleich (1806) Schnag (1811)	-	+	+	
<i>congestum</i> Bridel		+	- + +	
<i>fuscescens</i> Turm	-	+	+ -	- -
v. <i>Eatonii</i> R. + C.			-	
v. <i>longirostre</i> Schpr			-	
v. <i>robustum</i> Schpr			-	
<i>scoparium</i> (L) Hedw	-	-	- + +	- -
v. <i>squarrosum</i> L. + f.			-	
v. <i>paludosum</i> B.S.			-	
v. <i>pallidum</i> (C.M.) L + f			-	
v. <i>recurvatum</i> (Schultz) Bd			-	
v. <i>rupestre</i> S + L			-	
<i>majus</i> Sm (1804): Turm (1804)		+		
<i>Muhlenbeckii</i> Bry Eux			+	+

19. *Dicranum*

- palustre* La Pype [L + J. Man]  
 (includ. *D. Boujeani* De Not)  
*Bergeri* Bland (*D. Schraderi* W + M)  
*spurius* Hedw  
 v. *compactum* Hedw  
  
*brachycaulon* Kindb  
*Drummondii* C. M.  
*undulatum* Ehrh (1792) Voit (1812)  
 [*D. undulatum* L + J. Man]  
*palustre* v. *polycladum*

NEMe	NH	VtMs	RICT
-	-	+	+
+	-	+	- -
	+	+	- -
			-
-	-		+
-	+	+	+
	-	+	+
		+	- -

21 *Dicranodontium*

- longirostre* (W + M) B + S

23 *Campylopus*

- viridis* S + L = *Dicranum viride* Schpr

33 *Leucobryum*

*glaucum* (L) Schpr (*L. vulgare* Hjer)  
*albium* (Brid) Lindb (*L. minus* Sull)

NE Me NH Vt Ms RICT

+ + + - -

- - - - -

39 *Fissidens*

*brachyoides* (L) Hedw  
 v. *caespitosus* Schpr  
*incurvus* (W + M) Schwaegr  
*epigynus* Sull  
*minutulus* Sull  
*osmundoides* (Suz) Hedw  
*decipiens* De Not.  
*taxifolius* (L) Hedw  
*adiantoides* (L) Hedw  
 v. *immarginatus* Lindb  
*subbacillaris* Hedw

+

+ -

-

- -

- - -

-

+ - -

+ -

+<sup>2</sup> - -

- + - - -

- -

- -

40 *Conomitrium*

*julianum* (Savi) Mout

- - +

42 *Anodus*

NEMe NH VtMs RICT

43 *Seligeria*  
*calcareo* B+S

+

44 *Campylosteleum*  
*saxicola* (W+M) B+S

+

45 *Brachyodue*  
*trichodes* (W+M) Turner

- +

47 *Blindia*  
*acuta* (Huds) B+S

-

48 *Pleuridium**subulatum* (Huds) Rabenh; B+S*Ravenelii* Aust*alternifolium* (Kaulf) Rabenh

	NE	Me	NH	Vt	Ms	RI	Ct
<i>subulatum</i> (Huds) Rabenh; B+S					+	-	
<i>Ravenelii</i> Aust	-	-					-
<i>alternifolium</i> (Kaulf) Rabenh					+	-	-

50 *Bruchia**flexuosa* (Schwaegr) C.M.*Sullivantii* Aust*r. nigricans* L+f*longicollis* Eaton*brevipis* Hook

	NE	Me	NH	Vt	Ms	RI	Ct
<i>flexuosa</i> (Schwaegr) C.M.					+	-	-
<i>Sullivantii</i> Aust					+	-	
<i>r. nigricans</i> L+f					-		
<i>longicollis</i> Eaton			-				
<i>brevipis</i> Hook							-?

53 *Leptotrichum* (*Ditrichum*)*tortile* (Schrad) Hpe*vaginans* (Sull) Schpr*homomallum* (Hedw) Hpe*pallidum* (Schreb) Hpe*glaucescens* (Suzg) Hpe

	NE	Me	NH	Vt	Ms	RI	Ct
<i>tortile</i> (Schrad) Hpe		+	+		+	-	-
<i>vaginans</i> (Sull) Schpr	-		-		-	-	-
<i>homomallum</i> (Hedw) Hpe			-			-	
<i>pallidum</i> (Schreb) Hpe		-			+	-	-
<i>glaucescens</i> (Suzg) Hpe			+	+	-		

55 *Trichodon**cyliaricus* (Hedw) Schpr

NEMe

NH

VtMs

RICT

—

56 *Leratodon**purpureus* (L) Bridv. *aristatus* Aust*conicus* (Hpe) Lindb*purpureus* var *xanthopus*

+

+

+

+

—

—

—

—

+

57 *Distichium**capillaceum* (Swg) B+S*inclinatum* (Ehrh) B+S

—

—

+

—

—

63 *Sphaerangium**muticum* (Schreb) Schpr*rufescens* L+J Man*triquetrum* Schpr

—

—

—

—

—

—

64 Phascum  
 cuspidatum Schreb  
 v. piliferum (Schreb) H+Tayl

68 Pharomitrium  
 subsessile (Brid) Schp

71 Pottia  
 canifolia Ehrh  
 truncatula (L) Lindb (Plumcata B+S)  
~~truncatula (L) Lindb~~

73 Didymodon  
 cylindricus (Br) B+S  
 subellus B+S

NEMe	NH	VtMs	RIcT
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		—	—
--	--	---	---

—	+	—?	
	*	+	+

	—	+	
		+	

79 *Barbula**unquiculata* (Huds) Hedw*fallax* Hedwv. *brevifolia* (Sm) Schultz*gracilis* Schwaegr*convoluta* Hedw*caespitosa* (Schwaegr) B+S*tortuosa* (L) W+m*mucronifolia* (Schwaegr) B+S*ruralis* (L) Hedw*papillosa* (Wils) C.M.*fragilis* ?

NEMe	NH	VtMs	RICT
	+	+	- -
		+	-
		-	-
		-	
		+	-
			+
-		+	- -
		-	
		-	
-		+	- -
		3	

85 *Encalypta**vulgaris* Hedw*ciliata* (Hedw) Hoffm*streptocarpa* Hedw

-		+	
-	+	+	-
			-

88 *Grimmia*

	NEMe	NH	VtMs	RICT		
<i>conferta</i> Funck	-	-	+	+	+	-
v. <i>obtusifolia</i> Schpr	-					
<i>apocarpa</i> (L) Hedw			+	+	+	+
v. <i>gracilis</i> (Schleich) W+M	-	-	+			-
v. <i>rivularis</i> (Brid) W+M		-				-
v. <i>alpicola</i> (Swg) Hook		-				
<i>maritima</i> Turn		+			+	
<i>pulvinata</i> (L) Sm					-	
<i>trichophylla</i> Grev	-					-
<i>Olneyi</i> Sull					-	-
<i>Doniana</i> Sm			+		-	
v. <i>obtusca</i> Sm		-				
<i>Pennsylvanica</i> Schw ( <i>G. pilifera</i> P. B.)					-	-
<i>leucophaea</i> Grev					-	
<i>unicolor</i> Hook	-	-				

89 *Rhacomitrium*

	NEMe	NH	VtMs	RICT
<i>fratens</i> (Hedw) Hueb		-		
<i>aciculare</i> (L) Brid	-	+	+	-
<i>Sudeticum</i> (Funck) B+S	-	+	+	+
<i>heterostichum</i> (Hedw) Brid	-			
<i>fasciculare</i> (Schnad) Brid	+	+	-	
<i>microcarpum</i> Brid	-	+		
<i>lanuginosum</i> (Hedw) Brid	+	-		
<i>canescens</i> (Zimm) Brid	-	+		-
<i>ellipticum</i> B+S			-	

90 *Hedwigia*

<i>ciliata</i> (Dicks) Ehrh	-	-	+	-	-	-
v. <i>viridis</i> B+S.	-		+			
v. <i>leucophaea</i> Schimp			+			
v. <i>subnuda</i> Kued			+			

95 *Coccinodon*

<i>pulvinatus</i> Spreng				?	-	
--------------------------	--	--	--	---	---	--

97 *Ptychomitrium*

<i>incurvum</i> (Schwaeg) Sull.				-		-
---------------------------------	--	--	--	---	--	---

98 *Amphoidium*

*Sapponicum* (Hedw) Schpr

*Mougeotii* (Br) Schpr

NEMe NH VtMs RICT

- +

- +

99 *Lygodon*

*conoides* (Dicks) H+T.

101 *Drummondia*

*clavellata* Hook

- + - -

106 *Uloa*

*Drummondii* (H+G.) Brid <sup>?</sup>

*Ludwigii* Brid

*Bruchii* Nees

*crispa* (Hedw) Brid

*crispula* Bruch in Brid

*phyllantha*, Brid

*Hutchinsiae* (Sm) Hammer (1852)

- -

+ - + - - -

-

+ - + - - -

+ - + - - -

+ -

- - + + - -

107 *Orthotrichum*

- anomalum* Hedw
- cupulatum* Hoffm
- v. *minus* Sull (*O. Lescurii* Aust)
- Strumii* Hech
- affine* Schrad?
- speciosum* Nees
- sordidum* S. & L
- stellatum* Brid = *O. strangulatum* <sup>see C. M. I. 703</sup>
- Ohioense* Sull
- v. *citrinum* L. & f.
- Canadense* B. & S.
- fallax* Schpr {*O. Schimperii* Hammar  
                  *O. pusillum* Dickes }
- strangulatum* P. B.
- psilocarpum* James
- leiocarpum* B. & S.
- pallens* Br not *Pastorei*
- Rogeri* Brid = *leiocarpum*
- obtusifolium* Schrad
- pusillum* Swz (*O. pusillum* ?)

	NEMe	NH	VtMs	RICT
<i>anomalum</i>	—		—	—?
<i>cupulatum</i>				—?
v. <i>minus</i>			—	—
<i>Strumii</i>	—	—		
<i>affine</i>			—	
<i>speciosum</i>		—	+	—
<i>sordidum</i>	—	+	—	—
<i>stellatum</i>			—	
<i>Ohioense</i>			+	—
v. <i>citrinum</i>				—
<i>Canadense</i>			—	
<i>fallax</i>	—		—	
<i>strangulatum</i>		—	+	—
<i>psilocarpum</i>			—	
<i>leiocarpum</i>			—	
<i>pallens</i>			—	
<i>Rogeri</i>			—	
<i>obtusifolium</i>			—	—
<i>pusillum</i>			—	

<sup>1</sup> reported by Huntington

108 Schistostega

oemundacea (Dicks) Mohr

NEMe

NH

VtMs

RICT

- +

115 Tayloria

tenuis (Dicks) Schpr

+

116 Tetraplodon

angustatus (Suz) B+S

-

+

mnivides (Suz) B+S

+ + -

(T. hyoides (Ledeb) Lindb

australis S+L

-

117 Splachnum

impullaceum L

-

+

-

+

rubrum L

-

luteum L

-

119 Ephemeron

serratum (Schreb) Hpe  
 v. angustifolium Bry. Eur  
 crassinervium (Schwaegr) CM [L. + J. Man]  
 spinulosum Schpr  
 cohaerens (Hedw) Hpe [L. + J. Man]

NEMe	NH	VtMs	RICT
			-
		+	
-		-	-
			-
			-

119<sup>a</sup> Physcomitrella

hatens (Hedw) B+S

			-
--	--	--	---

122 Aphanobegonia

serrata Sull (Physcomitrium-CM)

			-
--	--	--	---

124 Physcomitrium

pyriforme (L) Brid  
 turbinatum (Rich) CM

			-
		+	-

127 *Funaria*

*flavicans* Rich in Mt Flo  
*hygrometrica* (L) Liebth  
 v. *calceecens* B+S

NEMe NH VtMs RICT

—  
 — + + — —  
 —

131 *Meesia*

*uliginosa* Hedw  
 v. *alpina* BS  
 v. *minor* BS  
*longisetula* Hedw  
*tristicha* (Fueckl) BS

— — — —  
 — — — —  
 — — — —  
 — — — —

138 *Bartramia*

*thyphylla* Brid  
*Oederi* (Gurm) Suz  
*formiformis* (L) Hedw  
 v. *crispa* Br. Eur.

— — — —  
 — — + — — —  
 — + + + — —  
 — — — —

140 *Conostomum*

*boreale* Swartz

NE Me NH Vt Ms Rict

+ +

141 *Philonotis*

*Muhlenbergii* (Schwaegr) Brid

*fontana* (L) Brid

*calcareo* Schpr

- - -

+ + + + - -

-

144 *Mellichrofia*  
*nitida* var *elongata* ?

+ +

152 *Leptobryum*

*pyriforme* (L) Wils

- + + - -

153 Webera

*acuminata* (Heck) Schpr *E. tales*

*elongata* (Hedw) Schwaegr (L)

*v. macrocarpum*

*nutans* (Schreb) Hedw

*v. bicolor* (H+H) Schpr

*v. longistylis*

*cucullata* (Schwaegr) Schpr

*cruda* (L) Schwaegr

*sphagnicola* (BS) Schpr *E. tales*

*annotina* (L) Schwaegr

*Lescureana* (Sull) L+f

*albicans* (Wahlen) Schpr

NEMe	NH	VtMs	RICT
------	----	------	------

-	-	+	-
---	---	---	---

+			
---	--	--	--

-	-	+	+
---	---	---	---

	-		
--	---	--	--

		+	
--	--	---	--

-	+		
---	---	--	--

-	-	+	-
---	---	---	---

-			
---	--	--	--

		-	-
--	--	---	---

	-		
--	---	--	--

	-	+	-
--	---	---	---

155 Zieria

*Z. julacea* Sch

		+	
--	--	---	--



160 Mnium

	NE	Me	NH	Vt	Ms	RI	Ct
cuspidatum Hedw. (M. cybraticum Lindb.)	-	+	+	+	+	-	-
medium BS				+	-		
Drummondii BS	-	-	-	-	-		
rostratum (Schrad.) Schwaegr.	-	-	+	-	-		-
affine Bland (M. cuspidatum (L.) Necke)	-	-	+	+	-	-	-
hornum L.	-	+	-	-	-	-	-
serratum Schrad.				+	-		
" v. Macounii				+			
orthorrhynchum BS							-
lycopodioides (Hook.) Schw. [next]				-			
pseudo-lycopodioides C.M. + Kindb.	-			-			
spinulosum BS	-			-	-		
stellare Reichb.				-	-	-	
cinclidioides Blytt	-	-	+	-	-	-	-
punctatum Hedw.		+	+	+	+	-	-
inclinatum Lindb.		+					
pseudopunctatum BS		+					
= crebroglobosum L. f.							
hymenophylloides Hueb.				+			
affine Bland var. ciliatum (Grev.) C.M.	-	-	-	-	-		-
" var. rugosum BS			-	-	-		
punctatum var. velatum BS	-	-	-	-	+		

167 *Aulacomnium*

*androgyneum* (L) Schwaeq  
*palustre* (L) Schwaeq  
 v. *polycephalum* (Brid) Hueb  
 v. *rupesre* Aust M.S  
*turgidum* (Wahl) Schwaeq  
*heterostichum* (Hedw) BS  
*palustre* v. *inubreakum*

NE	Me	NH	Vt	Ms	RI	ct
						-
	+	+	+	+	-	+
	-			+		
						-
-		+				
				+	+	-
	+					+

168 *Timmia*

*megapolitina* Hedw

- -

169 *Tetraphus*

*pellucidus* (L) Hedw  
*geniculata* Girgens

+ - + + - -  
 +

170 *Tetrodontium*

*repandum* Schw  
*Brownianum* var *rigidum*

-  
 +

171 *Bruphaemia*

*aphylla* L  
*indusiata* Brid

+ - + + -  
 -

172 *Diphyscium*  
*foliosum* (Web) Mohr

NEMe	NH	VtMs	RICT
+	+	+	- -

178 *Atrichum*  
*undulatum* (L) Beauv.  
*angustatum* (Brid) BS  
*crispum* (James) Sull

-	+	+	+	- -
+	+	+	+	- -
			-	

180 *Pogonatum*  
*brevicaule* P. B

+	+	+	+	+ -
---	---	---	---	-----

(*P. tenue* (Meng) Brid)

*capillare* Brid

-		+		
---	--	---	--	--

*urnigerum* (L) Beauv

+	+	+	-	
---	---	---	---	--

*alpinum* (L) Roehl

-	+	+	+	
---	---	---	---	--

*v. arcticum* Brid

\* *colaptes*

*v. septentrionale* Brid

*v. herifolium* Brid

*v. simplex* Schpr

(*aloides* (Hedw) Beauv)

-

on Gray's to Mrs Swift

181 *Polytrichum*

*gracile* Dicks

*formosum* Hedw.

*Chiense* R. & G.

}  
}

*piliferum* Schreb

*juniperinum* Willd.

v. *alpestre* BS

v. *apinum* (L.) Schpr (Palpinum L)

*strictum* Banks

*commune* L

v. *perigonale* (Mx) BS

*gracile* v. *attenuatum*

NE	Me	NH	Vt	Ms	RI	Ct
		-	+	-		
	-	-	-	-	-	-
-	-	+	+	+		
	-	+	+	+	-	-
	+	+	+	+	-	-
-	-	-				
	-	+				
	+	+	+			-
	+	-	+	+	-	-
	-		+		-	-
			+			

181 *Polytrichum* 1100, 50, B

184. *Fontinalis*

	NE	MeNH	VtMs	RICT
<i>antipyretica</i> L	—	—	—	—
<i>v. gigantea</i> Sull	—	—	+	—
<i>Dalecarlica</i> BS	—	—	+	—
<i>biformis</i> Sull	—	—	—	—
<i>Novae-Angliae</i> Sull	—	—	+	—
<i>v. Eatoni</i> (Sull) Card.	—	—	—	—
<i>Lescurii</i> Sull	—	—	+	+
<i>v. ramosior</i> Sull	—	—	—	—
( <i>F. Sullivantii</i> L. & J. Man 271)				
<i>Sullivantii</i> Lindb	+	—	+	—
( <i>F. Lescurii v. gracilescens</i> Sull)				
<i>squamosa</i> L	—	—	—	—
<i>disticha</i> H & W	—	—	—	+
<i>flaccida</i> R & C	—	—	—	—

185 *Brachelyma*

*subulatum* Schpr (*Dichelyma* →)

-?

	NE	Me	NH	Vt	Ms	RI	Ct
186 <i>Dichelyma</i>							
<i>falcatum</i> (Hedw) Myr	-		+		-		-
<i>capillaceum</i> (Dicks) BS	-	-	+	+	-	-	-
<i>pallescens</i> Br Eur	-	+			-		
( <i>D. norae-Brunwiciae</i> + <i>obtusulum</i> Kindb.)							

194 <i>Cryphaea</i>							
<i>glomerata</i> BS							-

196 <i>Septodon</i>							
<i>trichomitrium</i> = 197							+

197 <i>Forstroemia</i>							
<i>trichomitria</i> (Hedw) Lindb						-	-
( <i>Septodon</i> - )							

202 *Leucodon*  
*sciuroides* (L.) Schwaege  
*julacens* (L.) Sull  
*brachypus* Brid

NE	Me	NH	Vt	Ms	RI	Ct
	+	+	+	-		
				+	-	-
			-	-	-	-

226 *Neckera*  
*pennata* (Hall) Hedw  
*oligocarpa* Bry Eur  
*complanata* (L.) Hueb

	+	+	+	+	-	-
-		-	+			
-		-	-	-	-	

227 *Hamalia*  
*trichomanoides* (Schreb) B Eur  
*Jamesii* Schpr  
*gracilis* James

-		-			-	
-		+	+	x		
			+			

231 *Thamnum* = *Poortrichium*  
*Alleghaniense* (Hyp - cm)  
*alopecurum* (Hyp - L)

			+	-		-
				-		

x in Col. College Herb from Burke's Eu  
EC Howe

250 *Anacamptodon*  
*aplachnoides* (Froehl) Brid

NEMe	NH	VtMs	RICT
+	+	+	-

263 *Myurella*  
*jilacea* (Vill) Br & Eur  
*Caneyana* Sull

-	-		
-		+	-

265 *Seskea*  
*polycarpa* Ehrh

+	+	-	-
---	---	---	---

*obscura* Hedw

		+	-
--	--	---	---

*nervosa* (Schwaegr) Myr

-	-		
---	---	--	--

*tristis*

-		+	-
---	--	---	---

266 *Thelia*  
*hirtella* Sull

		+	-
--	--	---	---

*asprella* Sull

+		+	-
---	--	---	---

*Securii* Sull

		+	+
--	--	---	---

## 267 Anomodon

rostratus (Hedw) Schper  
 attenuatus (Schreb) Hueb  
 obtusifolius BS  
 apiculatus Bry Eur Estabes  
 viticulosus (L) H+T

NEMe	NH	VtMs	RI Ct
------	----	------	-------

		+	+	-	-
--	--	---	---	---	---

		+	+	-	-
--	--	---	---	---	---

		+	-	-	-
--	--	---	---	---	---

		+	-		
--	--	---	---	--	--

		-		-	
--	--	---	--	---	--

## 268 Pterigynandrium

filiforme Hedw

		-		+	-	-
--	--	---	--	---	---	---

## 270 Pseudoleekea

congeta BS (Hypnadicorum Mitt)

					-
--	--	--	--	--	---

## 272 Heterocladium (Hyp-)

dimorphum (Brid) Bry Eur

		-		+		-
--	--	---	--	---	--	---

274. *Thuidium*

	NEMe	NH	VtMs	RICT
<i>minutulum</i> (Hedw) B.S.		-	+	- -
<i>scitum</i> (Beaur) Auct		+	-	-
<i>v. aestivale</i> Auct			-	- -
<i>recognitum</i> (Hedw) Lindb (delicat. B.S.)	-		++	- - ?
<i>delicatulum</i> (L) Mitt	-	-	-	- -
<i>abietinum</i> (L) B.S.		-	-	-
<i>Virginicum</i> (Brid) Lindb			-	
<i>microphyllum</i> (Sw) Best. (= <i>T. gracile</i> B.S.)			-	
<i>Blandowii</i> (W + M) BS			+	-
<i>paludosum</i> (Sull) Ran + Herv	-		-	- -
<i>tamariscinum</i> Hedw			-?	
<i>Alleni</i> Auct (= ? <i>T. delicatulum</i> )				-

282 *Platygyrium*

<i>repens</i> Schper	-	-	+	- -
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283 *Leptohymenium*

<i>brachycladon</i> (Brid) Jaegr			-	
----------------------------------	--	--	---	--

(284) *Cylindrothecium*  
(284 *Entodon*)

*cladorigans* (Hedw) Schper  
(*Entodon* cm)

*seductrix* (Hedw) Sull  
(*Entodon* - cm)

*compressum* (Hedw) BS  
(*Entodon* cm)

NEMe	NH	VtMs	RICT
------	----	------	------

	+	+	+	-	-
--	---	---	---	---	---

			+	-	-
--	--	--	---	---	---

				-	
--	--	--	--	---	--

287 *Climacium*

*dendroides* (L) W+m

*Americanum* Brid

v. *Kiindbergii* R+C

-	-	+			-
---	---	---	--	--	---

-	+	+	+	-	-
---	---	---	---	---	---

				-	-
--	--	--	--	---	---

289 *Leothecium*

*myurium* (Poll) Brid

				-	
--	--	--	--	---	--

	NEMe	NHVt.	Ms	RI	Ct
292 <i>Pylaisia</i> ( <i>Pylaisiella</i> Kündl)					
<i>polynatha</i> Schpr	-	-			
<i>subdentata</i> Schpr					
v. <i>obscura</i> S+S ( <i>P. Jamesii</i> S+S)			-	-	
<i>intricata</i> (Hedw) Schpr		+	+	-	-
<i>velutina</i> Schpr	-	-	-	-	-

293 <i>Hornalothecium</i>					
<i>subcapillatum</i> (Hedw) Sull			-	-	-

295 <i>Camptothecium</i>					
<i>nitens</i> (Schreb) Schpr				-	-
<i>lutescens</i> (Huds) B.S.			-		

299 *Brachythecium*

	NE	Me	NH	Vt	Ms	RI	Ct
<i>salebrosum</i> (Hoffm) BS.		-	+		+	-	-
<i>v. palustre</i> Schpr			-				
<i>flexicaule</i> R+C					-		
<i>acutum</i> (Mitt) Sull (H. Mildeanum Sch)			+		$\frac{2}{+}$		
<i>campestre</i> (Br) Bry Eur	-	-	+				-
<i>oxycladon</i> (Brid) J. Saub							
<i>laetum</i> (Brid) BS = <i>oxycladon</i>		-				-	-
<i>v. dentatum</i> L+f					-	-	
<i>pseudo-collinum</i> Kriech N.B.							
<i>rutabulum</i> (L) BS		-			+	-	-
<i>v. flavescens</i> (Brid) BS					-		
<i>rivulare</i> (Br) BS	-		+				-
<i>acuminatum</i> (Hedw) Kriech					+	-	-
<i>v. rupinolum</i> (Hedw) S+S					-		
<i>v. setosum</i> (Hedw) S+S					-		
<i>plumosum</i> (Suz) BS		-	+		-	-	-
<i>v. homomallum</i> BS with type							
<i>populeum</i> (Hedw) BS	-				+	+	-
<i>v. rufescens</i> B.S							-
<i>v. ovatum</i> Grout					+		
<i>rutabulum v. robustum</i> Sch						+	

279 *Brachythecium*

*digastrum* C. M. + Kindb. (S+L) (Vt) (Ms)

*reflexum* (Stark) BS

*Starkii* (Brid) BS

*Novae-Angliae* (S+L) Jaeg + Saur

*velutinum* (L) B S

*erythrorrhizon* BS

v. *Theedenii* (BS) Lindb (B. Theedenii BS)

*trachypodium* (Fenck) BS

(= ? *velutinum* Menz. Forcl. 6: 207)

NE MeNH VtMs RICT

—	+	+	—	
—			—	
—	—	+	+	—
—	—		—	—

—  
—

—

303 *Eurhynchium*

	NE	MeNH	VtMs	RICT
<i>strigosum</i> (Hoffm) Bry Eur	-	-	-	-
<i>diversifolium</i> BS				-
<i>Boscii</i> (Schwaegr) Jaeg			+	-
<i>piliferum</i> (Schreb) BS	-		-	-
<i>praelongum</i> (L) BS				-
<i>graminicolor</i> (Brid) Paris	-		+	-
( <i>Hyp. Sullivantii</i> Spr)				-
<i>hians</i> (Hedw) R+C			-	-
<i>myosuroides</i> (L) Schper	-	-		
( <i>Isothecium</i> - Brid)				

305 *Rhynchostegium*

<i>deplanatum</i> S+f	-			-	+
<i>serrulatum</i> (L)	-			-	-
<i>rusciforme</i> BS	-	-?	+	+	-
<i>confertum</i>		-	-	-	
( <i>Hyp.</i> - Dicks)					
<i>rusciforme</i> var <i>squarrosum</i>					+
" " <i>atlanticum</i>				+	+
" " <i>inundatum</i>					+

307 *Rhapidothecium*

*demissum* BS

*recurvans* L+f

*cylindrocarpum* L+f

*Jamesii* L+f

*laevipatulum* L+f

	NE	Me	NH	VtMs	RI	Ct
<i>demissum</i> BS				+		-
<i>recurvans</i> L+f	-		+	+	-	-
<i>cylindrocarpum</i> L+f	-					-
<i>Jamesii</i> L+f	-		+			
<i>laevipatulum</i> L+f			-			
314 <i>Plagiothecium</i>						
<i>micans</i> (Swg) Par		-				
<i>γ. fulvum</i> (Hk) Par						-
<i>viridifacium</i> Lindb		-	-			-
<i>elegans</i> (Hook) Schpr	-	-	-			
<i>lactum</i> BS ( <i>P. denticulatum</i> v-)						-
<i>denticulatum</i> (L) BS		-	-		+	-
<i>latebricola</i> (Nils) B+S					+	
<i>Muellerianum</i> Schpr			+		+	
<i>Sullivantiae</i> Schpr	-					-
<i>roseanum</i> BS			-			
<i>sylvaticum</i> BS	-		-			-
<i>Muehlenbeckii</i> BS	-	-	-			-
( <i>Hyp. striatellum</i> CM)						
<i>silesiacum</i> (Beaur)	-					



322. 1 *Hypnum*  
(*Campylium*)

	NE	MeNH	VtMs	RICT
<i>lepidulum</i> Brid	—	—	—	—
<i>chrysophyllum</i> Brid	—	—	+	+
v. <i>rupestre</i> Aust	—			
v. <i>caespitosum</i> Aust	—			
<i>stellatum</i> Schreb			+	—
<i>polygamum</i> Schpr	—		—	—
<i>Sommerfeldti</i> Myr ( <i>H. polymorphum</i> Wils)		—		—

322. 2 *Hypnum* (*Harpidium*)

<i>aduncum</i> Hedw	—	—	—	—
v. <i>intermedium</i> Schpr <small>var. sp.</small>				
v. <i>Kneiffii</i> Schpr				
v. <i>laxum</i> Nilde				
v. <i>polycarpum</i> (Bland) BS				
<i>hamifolium</i> Schpr ( <i>H. aduncum</i> v. <i>hamatum</i> )	—		+	
<i>uncinatum</i> Hedw	—	+	+	—
v. <i>abbreviatum</i> BS				
v. <i>plumosum</i> Schpr				
v. <i>plumulocum</i> B.S				
v. <i>gracilescens</i> BS	—			
v. <i>fragile</i> L+f ( <i>H. Jamesii</i> Aust)				
<i>Sendtneri</i> v. <i>Wilsouii</i>				
" v. <i>hamatum</i>			+	

322. 2 Hypnum (Harpidium) NE MeNH VtMs RICT

<i>fluitans</i> L	-	-	+	-	-
<i>submersum</i> Schper with <i>skenei</i>					
v. <i>falcatum</i> BS					
v. <i>Jamezii</i> L+f	-		-		

322. 3 Hypnum (Cratoneuron)

<i>filicinum</i> L					-
v. <i>trichodes</i> Brid					
v. <i>gracilescens</i> (Bland) Brid					
v. <i>elatum</i> Schper					
<i>commutatum</i> Hedw				+	
v. <i>falcatum</i> Mull				+	

322. 4 Hypnum (Rhytidium)

<i>rugosum</i> Ehrh -L			-	+	-
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322(10) *Hypanium* (*sterium*)  
*Crieta-caestense* L

NE	Me	NH	Vt	Ms	RI	Ct
	+	+	+	+	-	-

322(10) *Hypanium* (*steridium*)  
*molluscum* Hedw  
*v. condensatum* Schper  
*v. erectum* Schper  
*v. gracile* Boul  
*v. squarrosum* Boul + Hurm

					-	-
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322.10° *Hypanium* (*proper*)  
*pallidum* (Hedw) P. B. (*H. reptile* Rich)  
*v. protuberans* (Brid) Par.  
*fertile* Sendt  
*hamulosum* BS  
*depressum* C M  
*reptile* Rich  
*imponens* Hedw

	-			+	-	-
	-	+	+		-	-
	-	-				
	-	+		+		
	-	+		+	-	-



322.11 *Hypnum* (*Sinnobium*)

*palustre* L

v. *hamulosum* Schpr

*molle* Dicks (+ *dilatatum*) Wils)

*alpestre* Swz

*molle* var *dilatatum*

*montanum* Wils

*eugyrium* Schpr

v. *Mackayi* Schpr

*ochraceum* Turw

NE	MeNH	VtMs	RIct
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+	-	-	+
---	---	---	---

-	-	-	-
---	---	---	---

-	-	-	-
---	---	---	---

-	-	-	-
---	---	---	---

-	+	-	-
---	---	---	---

-	+	-	-
---	---	---	---

-	-	-	-
---	---	---	---

-	-	-	-
---	---	---	---

-	-	-	-
---	---	---	---

322.12 *Hypnum* (*Calliergon*)

*cordifolium* Hedw

*giganteum* Schpr N.B. 4.11.

*sarmentosum* Wahlb

*cuspidatum* L

*Schreberi* Willd

*stramineum* Dicks

*Richardsoni* (Mitt.) L.f.

-	+	-	+	-	-
---	---	---	---	---	---

-	+	-	-	-	-
---	---	---	---	---	---

-	-	-	-	-	-
---	---	---	---	---	---

+	+	+	+	-	-
---	---	---	---	---	---

-	-	+	-	-	-
---	---	---	---	---	---

-	-	+	-	-	-
---	---	---	---	---	---

322(?) *Hypnum*  
*scorpioides* L

NE	Me	NH	Vt	Ms	RI	Ct
		-	-	+		

323.1 *Hylocomium*  
(*Pleurozium*)

*splendens* (Heaw) BS  
*umbrosum* (Ehrh) BS  
*Oakesii* (Sull) Schpr  
*brevirostrum* (Ehrh) BS

+	-	+	+	-	-	
		-	+	-		
-		-	+			
		+	+	-	-	-

323.3 *Hylocomium* (proper)

*opacum* (L) BS  
*triquetrum* (L) BS  
~~*repens* (L) Ehrh~~ | ~~*de Not*~~  
~~*brevirostrum* (Ehrh) Sch~~

-	-		+			
-	+	+	+	-	-	
			+			

NE MeNH VtMs RICT