

Platakiu Iron Works, Mexico
coll. Nov 1895 by Elmer & Merrill.

- 3 *Androsace petrophila* Ehrh
4 *Sphagnum acutifolium* (Ehrh) R & W
" " *peruvianum* Lanust
" " *rubrum* "
19 *Dicranum Bonziani* De Not.
" *longifolium* Ehrh
" *undulatum* "
39 *Juncideris adiantoides* (L) Hedw
88 *Grimmia apocarpa* Gracib. (Schl) C. O. M.
160 *Mnium silvaticum* Linn
169 *Georgia pellucida* (L) Hedw
172 *Utricularia sexilis* (Schum) Lindb
178 *Catharum undulata* (L) C. O. M.
180 *Pogonatum alpinum* (L) Moehl.
184 *Tortuaria antipyratica gigantea* Sull
265 *Leskea nervosa* (Schwab) Payson
" *polycarpa* Ehrh
267 *Anomodon apiculatus* B. S.
" *attenuatus* Heeben.
274 *Thuidium delicatulum* (L) Mitt
" *recogitum* (Hedw) Lindb
" *serotum aestivale* Aust
299 *Brachythecium Campetstri* B. S.
" *Novae Angliae* (B. S.) J. S.
" *oxycladon* (Pond) J. S.
" *populerum* (Hedw) B. S.
" *salebrosarium* (Hoffm) B. S.
303 *Eurhynchium strigosum* (Hoffm) B. S.
305 *Rhyssocostegium musciforme* (Heck) B. S.

307. *Raphidostegium recurvum* (Nix) J. F.
 314 *Pleurothecium denticulatum* (L.) B. S.
 " *fulvaceum* Lindl.
 319. *Amblystegium arigenum spinifolium* Schimpf
 322 *Hypnum Waldarivium* Griseb.
 322.10 " *Cristocastriusis* L.
 " " " *ochraceum* Turcz.
 323.3 *Hypocoonium umbratum* (Ehrh.) B. S.
 all the above from Chairback Mt -
 near Katahan Iron Works.
-

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

- 18 *Dicranella cerviculata* Schimpf
 53 *Ditrichum vaginans* (Full.) Hampf.
 156 *Bryum caespiticium* L.
 180 *Pogonatum tenue* (Menzies) E. G. C.

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

3. *Andreaea*

petrophila Ehrh

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

crassinervis Br

rupestris June

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

Sphagnum
macrophyllum Beruh

	NEMe	NH	VtMs	RIct
				-
<i>Lindbergii</i> Schpr		-		
<i>v. macrophyllum</i> Navust		+		
<i>riparium</i> Aougstr		-		
" <i>v. platyphyllum</i> Russ		+		
<i>recurvum</i> (Beaur) Russ & Warnet	-	-	-	-
<i>v. pulchrum</i> Lindb	+	-		
<i>v. mucronatum</i> Russ	-		+	+
<i>v. amblyphyllum</i> Russ	-	+	+	+
<i>v. parviflorum</i> (Sendt) Warnet	-	+		
<i>cuspidatum</i> Ehrh			+	-
<i>v. Torreyanum</i> (Sull)			+	
<i>v. Miquelouense</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

Ruesonii Warnst

v. carneum Russ

v. Girgensohnioides Russ

v. obscurum Russ

v. proecilum Russ

v. rhodochroum Russ

fuscum (Schpr) Winkling

v. fuscescens Warnst

v. fusco-viride (Russ) Warnst

v. pallescens Russ

	NEMe	NH	VtMs	RICT
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		+		
Ruesonii Warnst	-	-	-	
v. carneum Russ	-	+	+	
v. Girgensohnioides Russ		-	-	
v. obscurum Russ		-		
v. proecilum Russ	-	+	-	
v. rhodochroum Russ	-	-	+	
fuscum (Schpr) Winkling				-
v. fuscescens Warnst	-	+		
v. fusco-viride (Russ) Warnst		+	-	
v. pallescens Russ				+

Sphagnum		NEMe	NH	VtMs	RICT
<i>tenuellum</i> (Schpa) 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

	NE	Me	NH	Vt	Ms	RI	Ct
<i>acutifolium</i> (Ehrh. ex parte) Russ + Warnst	-	-	-	-	-	-	-
<i>v. purpurascens</i> Warnst			-				
<i>v. versicolor</i> Warnst	-	+	-	-	-		+
<i>v. flavo-rubellum</i> Warnst			+				
<i>v. viride</i> Warnst	-				-		+
<i>v. pallescens</i> Warnst	-		-		-		
<i>v. rubrum</i> Warnst	-		+				+
<i>v. purpureum</i> Schpr					-	-	
<i>intermedium</i>					-		
<i>v. roseum</i> Warnst			+				+
<i>subnitens</i> Russ + Warnst	-		-		-		-
<i>v. flavicomans</i> Card		+					+
<i>v. viride</i> Warnst					-		
<i>v. obscurum</i> Warnst	-				+		+
<i>v. pallescens</i> Warnst		+					
<i>v. violascens</i> Warnst	-						
<i>v. robusta</i> Cauton E7					-		
<i>subquarcesum</i> DeNotari E7					-		
<i>molle</i> Sull.	-						
<i>v. tenerum</i> (S. + L.) Braith							-

Sphagnum
dasyphyllum Warnst

molluscum Br. (*tenellum* Ehrh.)
v. *robustum* Warnst

Mendocinum S. + L. (*Dusenii* R+W)

Dusenii (R+W)

Dusenii R+W. v. *parvifolium* Warnst

squarrosum Pers

v. *spectabile* Russ

v. *semisquarrosum* Russ

teres Aongstr

v. *imbricatum* Warnst

v. *subsquarrosum* Warnst

v. *squarrosum* Lesqf

Wulfianum Girgen

v. *versicolor* Warnst

v. *viride* Warnst

NEMe	NH	VtMs	RICT
			—
—			
+			
—	—	—	
	+		
—	+		
—	+	+	— —
—	+	—	
—	—		
—	—	—	
—	—	+	
	+	—	
	+		
	—		
	+	—	
—	+	—	

Sphagnum:

	NEMe	NH	VtMs	RICT
<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>Pylaeii</i> Brid <i>Pylaeii</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	-	+		

	NE	MeNH	VtMs	RICT
<i>Sphagnum</i>				
<i>cymbifolium</i> Elvoh				
v. <i>glaucescens</i> Marust		+	+	+
v. <i>pallidescens</i> 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 ^{see also} other sheet.

v. laeve Warnst

v. sublaeve Simpr

v. papillosum (Sindb) Schpr

~~(S. 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 (cuckoo 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 ^{see also} other sheet.	-	-	-	-
v. laeve Warnst	-		-	
v. sublaeve Simpr				
v. papillosum (Sindb) Schpr	-		-	-
(S. 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 (cuckoo group?)			-	
papillosum Ludb				
v. intermedium (Russ) Warnst		+		
v. normale Warnst.		+		

5. *Aetonnium**Sullivanii* Sch.

NEMe NH VtMs RICT

— —

7. *Gymnostomum**rupestre* Schlecht [Schwaegr]

+ —

curvirostrum (Ehrh) Hedw

+ —

calcareum N. & M.

+

—

10.² *Weisia**viridula* (L) Hedw

+

v. gymnostomoides C. M.

—

—

—

10.³ *Rhabdoweisia**fugax* (Hedw) B.S.

—

+

denticulata (Brid) B.S.

—

+

—

10.⁴ *Dicranoweisia**crispula* (Hedw) Lindb

—

11. *Cynodontium*

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

	NEIte	NH	VtMs	RICT
	—	+		—
	—	—		—
			+	—
	—	—	+	—
		—		

12. *Dichodontium*

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

		—	
		—	
		—	

13. *Trematodon*

- ambiguus* (Hedw) Hech
longicollis Mx

—	+	+	+	—	+
—				—	

18. *Dicranella*

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

	NEMe	NH	VtMs	RICT
<i>Schreberi</i>	—	—		
<i>squarrosa</i>	—?	+		
<i>cerviculata</i>		—	—	—
<i>varia</i>			—	—
<i>rufescens</i>			—	—
<i>subulata</i>	—	+		—
<i>heteromalla</i>		—	—	+
<i>v. orthocarpa</i>			—	—
<i>curvata</i>		—		

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 (Gard) Lindb)	-	-	-	
<i>strictum</i> Schleich			- - -	
<i>montanum</i> Hedw	-	-	+ + +	
<i>viride</i> (S + 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> Leeg			-	
v. <i>subalpinum</i> Mildt			+	
<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 Eer			+	+

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. *polycladon*

	NEMe	NH	VtMs	RICT
<i>palustre</i>	-	-	+	+
<i>Bergeri</i>	+	-	+	-
<i>spurius</i>		+	-	-
v. <i>compactum</i>			-	
<i>brachycaulon</i>	-	-		
<i>Drummondii</i>	-	-		+
<i>undulatum</i>	-	+	+	+
v. <i>polycladon</i>	-	-	+	+
			+	-

21 *Dicranodontium*

- longirostre* (W + M) B + S

23 *Campylopus*

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

33 *Leucobryum*

glaucum (L) Schpr (*L. vulgare* Hye)
albicum (Brid) Lindb (*L. minus* Sull)

NEMe NH VtMs RICT

+ + + - -

- - - - -

39 *Fissidens*

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

+

+ -

-

- -

- - -

-

+ - -

+ - -

+² - -

- + - - -

- -

- -

40 *Conomitrium*

julianum (Savi) Mout

- - +

42 unodus

NEMe NH VtMs RICT

43 Seligeria
calcareo B+S

+

44 Campylosteleum
saxicola (W+M) B+S

+

45 Brachyodum
trichodes (W+M) Tuerck

- +

47 Blindia
acuta (Huds) B+S

-

48 *Pleuroidium**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 <i>Bruchia</i>							
<i>flexuosa</i> (Schwaegr) C.M.						+	-
<i>Sullivantii</i> Aust						+	-
<i>r. nigricans</i> L+f						-	
<i>longicollis</i> Eaton			-				
<i>brevipes</i> Hook							-?
53 <i>Leptotrichum</i> (<i>Ditrichum</i>)							
<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**cylinaricus* (Hedw) Schpr

NEMe

NH

VtMs

RICT

-

56 *Ceratodon**purpureus* (L) Bridv. *aristatus* Aust*conicus* (Hyp) Lindb*purpureus* var *xanthopus*

+

+

+

+

-

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-

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+

57 *Distichium**capillaceum* (Swz) 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

NEMe NH VtMs RIGt

— — —

68 *Pharomitrium*
subsessile (Brid) Schp

71 *Pottia*
canifolia Ehrh
truncatula (L) Lindb (*P. truncata* Br+S)
~~*nitens* Mitt~~

—

+

—?

+

+

+

*

73 *Didymodon*
cylindricus (Br) Br+S
rubellus Br+S

— +

+

79 *Barbula**unquiculata* (Huds) Hedw*fallax* Hedw*r. 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*

	NE	Me	NH	Vt	Ms	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>Penneybratica</i> Schw (<i>G. pilifera</i> P. B.)					-	-
<i>leucophaea</i> Grev					-	
<i>unicolor</i> Hook	-	-				

89 *Rhacomitrium*

	NEMe	NH	VtMs	RICT
<i>pratense</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>nidida</i> B+S.	-		+		
v. <i>leucophaea</i> Schimp			+		
v. <i>subnuda</i> Kued			+		

95 *Coccinodon*

<i>pulvinatus</i> Spreng			?	-	
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97 *Ptychomitrium*

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

Ludwigii Brid

Bruchii Nees

crispa (Hedw) Brid

crispula Bruch in Brid

phyllantha Brid

Hutchinsiae (Sm) Hammer (1852)

- -

+ - + - -

-

+ - + - - -

+ - + - - -

+ -

- - + + - -

107 *Orthotrichum*

- anomalous* Hedw
cupulatum Hoffm
v. minus Sull (*O. securillust.*)
Sturmii Hech
affine Schrad?
speciosum Nees
sordidum S. & L
stellatum Brid = *O. strangulatum* ^{see C9m I. 703}
Ohioense Sull
v. citrinum L. & f.
Canadense B. & S.
fallax Schpr. { *O. Schimperii* Hammar }
 { *O. pumilium* Dickes }
strangulatum P. B.
psilocarpum James
leiocarpum B. & S.
pallens Br not *Pastorei*
Rogeri Brid = *leiocarpum*
obtusifolium Schrad
pumilum, Swz. (*O. pumilum*?)
 = *O. pumilum*

	NEMe	NH	VtMs	RICT
<i>anomalous</i>	—		—	—?
<i>cupulatum</i>				—?
<i>v. minus</i>			—	—
<i>Sturmii</i>	—	—		
<i>affine</i>			—	
<i>speciosum</i>		—	+	—
<i>sordidum</i>	—	+	—	—
<i>stellatum</i>			—	—
<i>Ohioense</i>			+	—
<i>v. 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>pumilum</i>			—	

¹ reported by Huntington

108 Schistostegia
osmundacea (Dicks) Mohr

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

	NEMe	NH	VtMs	RICT
108 Schistostegia osmundacea (Dicks) Mohr		-	+	
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 *Ephemerum**serratum* (Schreb) Hpev. *angustifolium* Bry. Eur*crassinervium* (Schwaegr) CM [L. + J. Man]*spinulosum* Schpr*cohaerens* (Hedw) Hpe [L. + J. Man]

NEMe

NH

VtMs

RICT

-

+

-

-

-

-

119^a *Physcomitrella**latens* (Hedw) B+S

-

122 *Aphanobegma**serrata* Sull (*Physcomitrium*-CM)

-

-

124 *Physcomitrium**pyriforme* (L) Brid*terbinatum* (Rich) CM

-

-

+

127 *Funaria*

flavicans Rich in mxFlo
hygrometrica (L) Liebth
 v. *calvescens* B+S

	NEMe	NH	VtMs	RICT
<i>flavicans</i>			—	
<i>hygrometrica</i>	—	—	+ +	— —
v. <i>calvescens</i>				—

131 *Meselia*

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

	NEMe	NH	VtMs	RICT
<i>uliginosa</i>		—		
v. <i>alpina</i>		—		
v. <i>minor</i>		—		
<i>longisetula</i>	—		—	
<i>tristicha</i>			—	—

138 *Bartramia*

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

	NEMe	NH	VtMs	RICT
<i>thyphylla</i>	—	—		
<i>Oederi</i>	—		+ —	— —
<i>formiformis</i>	—	+ + +		— —
v. <i>crispa</i>	—	—		

153 Webera

- acuminata* (Heck) Schpr E-staked
- elongata* (Hedw) Schwaegr (L)
- ~~*v. macrocarpum*~~
- nutans* (Schreb) Hedw
- v. bicolor* (H+H) Schpr
- ~~*v. longistylis*~~

- cuscutata* (Schwaegr) Schpr
- cruda* (L) Schwaegr
- sphagnicola* (BS) Schpr E-staked
- 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. rufaticum Lindb.)	-	+	+	+	+	-	-
medium BS				+	-		
Drummondii BS	-	-	-	-	-		
rostratum (Schrad.) Schwaegr.	-	-	+	-	-		-
affine Bland (M. cuspidatum (L.) Necke)	-	+	+	-	-	-	-
hornum L.	-	+	-	-	-	-	-
serratum Schrad.				+	-		
" v. Macounii				+			
orthorhynchum BS							-
lycopodioides (Hook.) Schw. [nest]				-			
pseudo-lycopodioides C.M. + Lindb.	-			-			
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	-	-	-	-	+		

	NE	MeNH	Vt	Ms	RICT
167 <i>Aulacomnium</i>					
<i>androgyneum</i> (L) Schwaeq				-	
<i>palustre</i> (L) Schwaeq	+	+	+	+	- +
v. <i>polycephalum</i> (Brid) Hueb	-			+	
v. <i>rupestre</i> Aust M.S				-	
<i>turgidum</i> (Wahl) Schwaeq	-	+			
<i>heterostichum</i> (Hedw) BS				+	+
<i>palustre</i> v. <i>inubreakum</i>	+				
168 <i>Timmia</i>					
<i>megapolitina</i> Hedw				-	-
169 <i>Tetraphus</i>					
<i>pellucidus</i> (L) Hedw	+	-	+	+	- -
<i>genuculata</i> Girgens				+	
170 <i>Tetrodontium</i>					
<i>repandum</i> Schw		-			
<i>Brownianum</i> var. <i>rigidum</i>	+				
171 <i>Bruphaemia</i>					
<i>aphylla</i> L		+	-	+	+
<i>indusiata</i> Brid		-			

172 *Diphyscium*
foliosum (Web) Mohr

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

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

Seta

v. septentrionale Brid

v. herifolium Brid

v. simplex Schpr

(*aloides* (Hedw) Beauv)

-

on Gray's h. in Smith

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. novae-Brunswiciae</i> obtusulum Kindb.)							

194 *Cyphaea*
glomerata BS

196 *Septodon*
trichomitrium = 197

197 *Forstroemia*
trichomitria (Hedw) Lindb
 (Septodon -)

-

+

-

-

	NE	Me	NH	Vt	Ms	RI	CT
202 <i>Leucodon</i>							
<i>sciuroides</i> (L.) Schwagr		+	+	+	-		
<i>julacerus</i> (L.) Sull					+	-	-
<i>brachypus</i> Brid					-	-	-

	NE	Me	NH	Vt	Ms	RI	CT
226 <i>Neckera</i>							
<i>pennata</i> (Hall) Hedw		+	+	+	+	-	-
<i>oligocarpa</i> Bry Eur	-		-	+			
<i>complanata</i> (L.) Hueb	-		-		-	-	

	NE	Me	NH	Vt	Ms	RI	CT
227 <i>Hamalia</i>							
<i>trichomanoides</i> (Schreb) B Eur	-		-			-	
<i>Jamesii</i> Schpr	-		+	+	x		
<i>gracilis</i> James				+			

	NE	Me	NH	Vt	Ms	RI	CT
231 <i>Thamnum = Porotrichum</i>							
<i>Alleghaniense</i> (Hyp - cm)					+	-	-
<i>alopecurum</i> (Hyp - L)						-	

x in Col. College Herb from Berkshire Co
 E.C. Kew

250 *Anacamptodon*
aplachnoides (Froehl) Brid

NEMe	NH	VtMs	RICT
+	+	+	-

263 *Myurella*
vilacea (Vill) Pr & Eur
caneyana Sull

-	-		
-		+	-

265 *Seskea*
polycarpa Ehrh

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

obscura Hedw

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

nervosa (Schwaegr) Myr

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

tristis

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

266 *Thelia*
hirtella Sull

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

asprella Sull

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

Securii Sull

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

	NEMe	NH	VtMs	RI Ct
267 <i>Anomodon</i>				
<i>rostratus</i> (Hedw) Schper			+	+
<i>attenuatus</i> (Schreb) Hueb			+	+
<i>obtusifolius</i> BS			+	-
<i>apiculatus</i> Bry Eur E. Stokes			+	-
<i>reticulosus</i> (L) H+T			-	-

268 <i>Pterigynandrium</i>				
<i>filiforme</i> Hedw	-		+	-

270 <i>Pseudoleekea</i>				
<i>congeta</i> BS (Hypnoidicum Mitt)				-

272 <i>Heterocladium</i> (Hyp-)				
<i>dimorphum</i> (Prid) Bry Eur	-		+	-

274. *Thuidium*

- minutulum* (Hedw) B.S.
scitum (Beaur) Auct
 v. *vestivale* Auct
recognitum (Hedw) Lindb. (delicat. B.S.)
delicatulum (S) Mitt
abietinum (S) B.S.
Virginicum (Brid) Lindb
microphyllum (Sw) Best (= *T. gracile* B.S.)
Blandowii (W + M) BS
paludosum (Sull) Ran + Herv
tamariscinum Hedw
Alleni Auct (= ? *T. delicatulum*)

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

	—	+	— —
--	---	---	-----

	+	—	—
--	---	---	---

		—	— —
--	--	---	-----

—		++	— — ?
---	--	----	-------

—	—	—	— —
---	---	---	-----

—		—	—
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		—	
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		—	
--	--	---	--

		+ —	
--	--	-----	--

—		— —	— —
---	--	-----	-----

		— ?	
--	--	-----	--

			—
--	--	--	---

282 *Platygyrium*

repens Schpr

—	—	+	— —
---	---	---	-----

283 *Leptohymenium*

brachycladon (Brid) Jaegr

		—	
--	--	---	--

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

cladonigans (Hedw) Schpp
(*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. *Kindbergii* R+C

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

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

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

289 *Leothecium*

myurium (Poll) Brid

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

292 *Pylaisia* (*Papirsiella* Kündl)

	NEMe	NHVt.	Ms	R	I	C	T
<i>polyantha</i> Schpr	—	—					
<i>subdenticulata</i> Schpr							
v. <i>obscura</i> L+f (<i>P. Jamesii</i> S+S)			—	—			
<i>intricata</i> (Hedw) Schpr		+	+	—	—		
<i>retutina</i> Schpr	—	—	—	—	—		

293 *Hornalothecium*

subcapillatum (Hedw) Sull

— — —

295 *Camptothecium*

nitens (Schreb) Schpr

— —

lutescens (Huds) B.S.

—

303 *Eurhynchium*

	NE	MeNH	VtMs	RI	T
<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 *Rhynchoszegium*

<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>				+	

NE MeNH VtMs RICT

319 *Amblystegium*

minuticimum (S+L) f + Saurb. Exsicc. Sprucei (Ps.) ES

conferoides (Brid.) BS

subtile (Hedw.) BS

adnatum (Hedw.) Auct

serpens (Hedw.) BS

compactum (C.M.) Auct widely distributed

varium (Hedw.) Lindb. (Aradicals B.S.)

virgatum (Wils.) BS

fluviatile (Suz.) BS (H. orthocladon P.B.)

Lescurii (Sull.) Auct

riparium (Hedw.) BS

v. *flaccidum* (L+f) R+C

v. *fluitans* (L+f) R+C 100% species

v. *longifolium* (Schultz) Sch

vacillans (Sull.) Cheney

orthocladon (P.B.) Jaeg. = *A. fluviatile*

	NE	MeNH	VtMs	RICT
<i>minuticimum</i> (S+L) f + Saurb. Exsicc. Sprucei (Ps.) ES			-	
<i>conferoides</i> (Brid.) BS	-	-	+	
<i>subtile</i> (Hedw.) BS	-	+	+	-
<i>adnatum</i> (Hedw.) Auct	-		+	-
<i>serpens</i> (Hedw.) BS	-		-	-
<i>compactum</i> (C.M.) Auct widely distributed				
<i>varium</i> (Hedw.) Lindb. (Aradicals B.S.)			+	-
<i>virgatum</i> (Wils.) BS	-		+	
<i>fluviatile</i> (Suz.) BS (H. orthocladon P.B.)	-	-	-	-
<i>Lescurii</i> (Sull.) Auct	-	+	-	
<i>riparium</i> (Hedw.) BS	-		-	-
v. <i>flaccidum</i> (L+f) R+C	-			
v. <i>fluitans</i> (L+f) R+C 100% species				
v. <i>longifolium</i> (Schultz) Sch			+	
<i>vacillans</i> (Sull.) Cheney	-	-	+	
<i>orthocladon</i> (P.B.) Jaeg. = <i>A. fluviatile</i>				

322. 1 *Hypnum*
(*Compylum*)

	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>incl. sp. i.</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>plumulosum</i> BS				
v. <i>gracilescens</i> BS	—			
v. <i>fragile</i> L+f (<i>H. Jamesii</i> Aust)				
<i>Sendtneri</i> v. <i>Wilsoni</i>				
" v. <i>hamatum</i>			+	

322. 2 Hypnum (Harpidium) NE MeNH VtMs RICT

glutans L
 submersum Schper will & K. n. e.
 v. falcatum BS
 v. Jamesii L + J

- - + - -

- -

322. 3 Hypnum (Cratoneuron)

filicinum L
 v. trichodes Brid
 v. gracilescens (Bland) Brid
 v. elatum Schper
 commutatum Hedw
 v. falcatum Mull

-

+

+

322. 4 Hypnum (Rhytidium)

rugosum Ehrh - L

- +

-

322.10¹ *Hypanium* (*Utrium*)
Crista-castrense L

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

322.10² *Hypanium* (*Utridium*)
molluscum Hedw

- v. *condensatum* Schper
- v. *erectum* Schper
- v. *gracile* Boul
- v. *squarrosulum* Boul + Hurm

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

322.10³ *Hypanium* (*peroper*)
pallescens (Hedw) P. B. (*H. reptile* Rich)

v. *protuberans* (Brid.) Par.

fertile Sendt

hamulosum B S

depressulum C M

reptile Rich

imponens Hedw

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

322.10^a *Hypericum* (proper)*cypresiforme* L*v. tectorum* (Brid) B.S.*v. hevisetum* Schper*v. uncinatum* BS*v. filiforme* (Brid) BS*v. mamillatum* (Brid) BS*v. ericetum* BS*v. elatum* BS*v. longirostre* BS*v. recurvatum* (Wils) Schper*v. vulgare* (= ? sp)*v. compressum**curvifolium* Hedw*pratense* Koch*Haldanianum* Grev.

	NE	MeNH	VtMs	RI	CI	T
<i>cypresiforme</i> L	+	+	+	-	-	
<i>v. tectorum</i> (Brid) B.S.						
<i>v. hevisetum</i> Schper						
<i>v. uncinatum</i> BS						
<i>v. filiforme</i> (Brid) BS	-		+	-		
<i>v. mamillatum</i> (Brid) BS						
<i>v. ericetum</i> BS	-					
<i>v. elatum</i> BS						
<i>v. longirostre</i> BS						
<i>v. recurvatum</i> (Wils) Schper	-					
<i>v. vulgare</i> (= ? sp)						-
<i>v. compressum</i>						-
<i>curvifolium</i> Hedw			+	-	-	-
<i>pratense</i> Koch	-	-				
<i>Haldanianum</i> Grev.			+	+	-	+

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)

equarrosum (L) BS
triquetrum (L) BS
~~*rugosum* (Ehrh) de Not~~
~~*brevirostre* (Ehrh) Sch~~

-	-		+			
-	+	+	+	-	-	
			+			

NE MeNH VtMs RICT