

1897 Waddell, British Hepaticae

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MOSS EXCHANGE CLUB CATALOGUE

OF

BRITISH HEPATICÆ.

COMPILED BY

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THIS Catalogue has been compiled for the use of the Moss Exchange Club. It may also be found useful by students of Hepaticæ generally, as it contains many additions to the British list since 1881, the date of the second edition of the London Catalogue. It is hoped that the present publication may prepare the way for a new and thoroughly revised edition of that useful work, which is much required.

The classification followed is, with slight exception, that of the late Dr. Richard Spruce.

Owing to the incomplete and scattered state of the literature I have found the drawing up of the list a difficult task, and am conscious that it may contain errors, especially in the case of varieties.

It seemed better in a list intended for use in exchanges to err on the side of fullness than to omit doubtful plants.

I desire to thank Mr. George Stabler for kindly allowing me to make use of a MS. list corrected by Dr. Spruce, which he used in his valuable List of Westmorland Hepaticæ, now appearing in *The Naturalist*.

I am also much indebted to Mr. W. H. Pearson, who kindly looked through the present Catalogue and suggested a number of improvements.

C. H. WADDELL,

Hon. Sec. Moss Exchange Club.

SAINTFIELD VICARAGE, CO. DOWN,

May, 1897.

NOTE—*The names in Italics are synonyms.*

BRITISH HEPATICÆ.

Suborder 1.

Jungermaniaceæ

Tribe JUBULEÆ.

Frullania 1

- ✓ 1 Tamarisci (L.)
b. atrovirens (Carr.)
- ~~2 cornubica (Carr.) Pears. MSS.~~
- ✓ 3 microphylla (Gottsche) Pears.
- ✓ 4 fragilifolia Tayl.
- ✓ 5 germana Tayl.
- ✓ 6 dilatata (L.)

Jubula 2

- ✓ 7 Hutchinsiae (Hook.)
b. integrifolia Nees
c. compacta Carr.

Lejeunea 3

- ✓ 8 Mackaii (Hook.)
- ✓ 9 ovata Tayl.
b. ~~pumila Carr. & Pears.~~
- ✓ 10 hamatifolia (Hook.)
- ✓ 11 serpyllifolia (Dicks.)
a. planiuscula Lindb.
b. cavifolia Lindb.
c. heterophylla Carr.
- ✓ 12 patens Lindb.
- ✓ 13 flava (Sw.)
- ✓ 14 Holtii Spruce
- ✓ 15 ulicina Tayl.
- ✓ 16 diversiloba Spruce
- ✓ 17 calcarea Lib.
- ✓ 18 Rossettiana Massall
- ✓ 19 minutissima (Sm.)
inconspicua (Raddi)
- ✓ 20 microscopica (Tayl.)
- ✓ 21 calyptrifolia (Hook.)
- ✓ x 14* *Mauricari* Pears.

Tribe JUNGERMANIÆÆ.

Subtribe RADULEÆ.

Radula 4

- ✓ 22 voluta Tayl.
- ✓ 23 Lindbergii Gottsche
- ✓ 24 germana Jack
- ✓ 25 Holtii Spruce
- ✓ 26 aquilegia Tayl.
- ✓ 27 Carringtonii Jack
- ✓ 28 complanata (L.)

Subtribe PORELLEÆ.

Porella 5

- ✓ 29 lævigata (Schrad.)
b. integra Lindb.
- ✓ 30 Thuja Dicks.
platyphylloidea (Schwein.)
- ✓ 31 platyphylla (L.)
b. major Hook.
- ✓ 32 rivularis (Nees)
dentata (Hartm.) (Lindb.)
- ✓ 33 pinnata (L.)

Pleurozia 6

- ✓ 34 cochleariformis (Weiss)

Subtribe PTILIDIÆÆ.

Anthelia 7

- ✓ 35 julacea (Lightft.)
b. ~~clavuligera Nees~~
- ✓ 36 Juratzkana Limpr.

Herberta 8

- ✓ 37 adunca (Dicks.)
b. straminea (Dum.)

Mastigophora 9

- ✓ 38 Woodsii (Hook.)

- ✓ Blepharozia 10
 ✓ 39 ciliaris (L.)
 40 pulcherrima (Hoffm.)
- ✓ Trichocolea 11
 ✓ 41 tomentella (Ehrh.)
- ✓ Blepharostoma 12
 ✓ 42 trichophyllum (Dill.)
- ✓ Chandonanthus 13
 ✓ 43 setiformis (Ehrh.) Spruce
 Blepharostoma setiforme (Ehrh.)
- Subtribe TRIGONANTHEÆ.
- ✓ Lepidozia 14
 ✓ 44 cupressina (Sw.)
 tumidula Tayl.
 ✓ 45 reptans (L.)
 ✓ 46 Pearsoni Spruce
 ✓ 47 setacea (Web.)
 b. sertularoides Nees
 c. Schultzii Hüben.
- ✓ Bazzania 15
 ✓ 48 trilobata (L.)
 ✓ 49 triangularis (Schleich.)
 50 tricrenata (Wahlenb.)
 51 Pearsoni Steph.
- ✓ Kantia 16
 ✓ 52 trichomanis (L.)
 b. ~~repanda~~ Nees.
 53 Sprengelii (Mart.)
 54 arguta (Mart.)
- ✓ Cephalozia 17
 55 catenulata (Hüben.)
 56 pallida Spruce MS.
 57 lunulæfolia Dum.
 multiflora Spruce
 b. elata Spruce
 ✓ 58 bicuspidata (L.)
 b. grandiflora Spruce
 c. setulosa Spruce
 59 hibernica Spruce MS.
 60 Lammersiana (Hüben.)
 ✓ 61 connivens (Dicks.)
 ✓ 62 curvifolia (Dicks.)
 5-7* *pleniceps* (Aust.)
- ✓ 63 Francisci (Hook.)
 64 fluitans (Nees)
 65 heterostipa Carr & Spruce
- Subgenus ODONTOSCHISMA.
- ✓ 66 Sphagni (Dicks.)
 67 denudata (Mart.)
- Subgenus CEPHALOZIELLA.
- 68 divaricata (Sm.)
 byssacea (Roth.)
 ✓ 69 stellulifera Tayl.
 70 æraria Pears.
 71 Jackii Limpr.
 72 elachista Jack
 73 leucantha Spruce
 74 dentata (Raddi)
- Prionolobus 18
 75 Turneri (Hook.) Spruce
- Adelanthus 19
 ✓ 76 decipiens (Hook.)
- Pleuroclada 20
 ✓ 77 albescens (Hook.)
 78 islandica (Nees)
- Hygrobiella 21
 ✓ 79 laxifolia (Hook.)
 80 ~~myriocarpa~~ (Carr.)
 Cremnoloma myriocarpus (Carr.)
- Subtribe SCAPANIOIDEÆ.
- Scapania 22 Roth.
 ✓ 81 compacta (Lindemb.)
 82 Bartlingii (Nees)
 ✓ 83 resupinata (Dill; L.)
 ✓ 84 subalpina (Nees)
 ✓ 85 nimbose (Tayl.)
 86 æquiloba (Schwæge.)
 87 aspera Müll & Bern.
 S. æquiloba f. dentata
 (Gottsche & Rab.)
- ✓ 88 nemorosa (L.)
 ✓ 89 ornithopodioides (With.)
 planifolia (Hook.)
 ✓ 90 undulata (L.)
 91 purpurea (Dill.) Carr.
 purpurascens (Hook.)
 91* *intermedia* Husn.

✓ 92 irrigua (Nees.)	✓ 115 spinulosa (Dicks.)
✓ 93 uliginosa (Sw.)	b. procumbens Carr. & Pears.
✓ 94 rosacea (Corda)	c. inermis Carr. & Pears.
✓ 95 curta (Mart.)	116 punctata (Tayl.)
b. spinulosa Nees	b. flagillifera Carr.
✓ 96 convexa (Scop.)	117 tridenticulata (Tayl.)
✓ umbrosa (Schrad.)	118 Stableri Pears.
	119 exigua (Tayl.)
Diplophyllum 23	
✓ 97 albicans (L.)	Lioclœna 29
✓ 98 taxifolium (Wahlenb.)	✓ 120 lanceolata Nees
✓ 99 obtusifolium (Hook)	
✓ 100 ovatum (Dicks.)	Jamesoniella 30
Dicksoni (Hook.)	✓ 121 Carringtoni (Balf)
Subtribe EPIGONEANTHÆ.	Jungermania 31
Lophocolea 24	✓ 122 cordifolia Hook.
✓ 101 bidentata (L.)	✓ 123 pumila With. ¹²³ × <i>akurivium Dum.</i>
b. gracile Carr.	✓ 124 riparia Tayl.
c. obtusata Hook	b. minor Carr. & Pears.
✓ 102 cuspidata Limpr.	✓ 125 inflata Huds.
✓ 103 heterophylla (Schrad.)	b. compacta Nees
✓ 104 spicata Tayl.	✓ 126 turbinata Raddi
Clasmatocolea cuneifolia (Hook.)	affinis Wils.
Chiloscyphus 25	127 lurida Dum.
✓ 105 polyanthos (L.)	nana Nees
b. rivularis Nees.	✓ 128 sphærocarpa Hook.
✓ 106 ^{var.} pallescens Nees.	129 autumnalis DC.
	130 subapicalis Nees
Harpanthus 26	✓ 131 exsecta Schmid.
✓ 107 scutatus (Web. & M.)	132 lycopodioides Tayl. ¹³² <i>halls.</i>
b. imbricatus Carr. & Pears.	✓ 133 Floerkii Web. & Mohr.
108 Flotowii Nees.	134 barbata Schmid. ¹³³ <i>quadriloba Lindb.</i>
	Schreberi Nees
Mylia 27	✓ 135 Lyoni Tayl.
✓ 109 Taylori (Hook.)	quinquedentata Web.
✓ 110 anomala (Hook.)	✓ 136 gracilis Schleich.
111 cuneifolia (Hook.)	attenuata Lindenb.
Peduncularia interruptum (Nees)	✓ 137 incisa Schrad.
Plagiochila 28	✓ 138 capitata Hook.
✓ 112 interrupta Nees	excisa Dicks p.p. <i>intermedia</i>
b. pyrenaica Spruce	Lindenb.
✓ 113 asplenioides (L.)	139 bicrenata Schmid.
b. major Carr.	140 alpestris Schleich.
c. minor Carr. & Pears.	141 porphyroleuca Nees
d. Dillenii Tayl.	✓ 142 ventricosa Dicks.
P. Dillenii Tayl.	✓ 143 orcadensis Hook.
e. deveza Carr.	
114 ambagiosa Mitt.	

- ✓ 144 bantriensis *Hook.*
 b. Mülleri *Nees*
 c. acuta *Lindenb.*
 ✓ 145 Helleri *Nees*
 ✓ 146 Kunzeana *Hüb.* 146* *holida* *Nees*
 ✓ 147 saxicola *Schrad.*
 ✓ 148 minuta *Crantz*
 ✓ 149 Pearsoni *Spruce*
 ✓ 150 gelida *Tayl.*
 151 crenulata *Sm.*
 152 gracillima *Sm.*
 Gentiana *Hüb.*
Anastrophyllum 32
 ✓ 153 Donianum (*Hook.*)
Eucalyx 33
 ✓ 154 hyalina *Lyell*
 155 obovata (*Nees*)
 153^{re} *subelliptica* (*Lindb.*)
Nardia 34
 156 compressa (*Hook.*)
 157 geoscyphus (*De Not.*)
 158 scalaris (*Schrad.*)
 b. major *Carr.*
 c. rigidula *Carr.*
 d. compressa *Carr.*
Marsupella 35
~~159~~ ~~revelata~~ (*Nees*)
~~160~~ ~~alpina~~ (*Carr.*)
 b. ~~laxior~~ *Carr.*
 ✓ 161 emarginata *Ehrh.*
 b. aquatica *Lindenb.*
 c. minor *Carr.*
 162 sphacelata (*Gies.*)
 163 conferta (*Limpr.*) *Spruce*
 ✓ 164 Funckii (*Web. & Mohr.*)
 b. robustior *Carr.*
 c. diffusa *Carr.*
 165 olivacea *Spruce*
 166 Stableri *Spruce*
 167 ustulata *Spruce*
 Gym. adustum (*Nees p.p.*)
 168 nevicensis (*Carr.*)
Cesia **Acotea 36**
 ✓ 169 corallioides (*Nees*)
 170 obtusa (*Lindb.*)
 ✓ 171 concinnata (*Corda*)
 alpina (*Gottsche*)
 conferta (*Limpr.*)
 172 crassifolia (*Carr.*)
 173 crenulata (*Gottsch.*)
 174 adusta (*Nees p.p.*)
Acrobolbus 37
 ✓ 175 Wilsoni (*Tayl.*)
Saccogyna 38
 176 viticulosa (*Mich.*)
 Subtribe FOSSOMBRONIEÆ.
Fossombronia 39
 ✓ 177 cæspitiformis *De Not.*
 177^{re} *Mitlenii* *Jynda*
 ✓ 178 pusilla (*L.*)
 b. ochrospora *Lindb.*
 179 Dumortieri *Lindb.*
 ✓ 180 cristata *Lindb.*
 ✓ 181 angulosa *Raddi*
Scalia 40
 ✓ 182 Hookeri (*Lyell*)
Petalophyllum 41
 183 Ralfsii (*Wils.*) *Gottsche.*
Pallavicinia 42
 184 Lyellii (*Hook.*)
Mörckia 43
 ✓ 185 hibernica (*Hook.*)
 186 norvegica (*Gottsche*)
Blasia 44
 ✓ 187 pusilla (*L.*)
Pellia 45
 ✓ 188 epiphylla (*L.*)
 ✓ 189 ~~endivifolia~~ (*Dicks.*) *Neesiana* (*Gottsch.*)
 ✓ 190 calycina (*Tayl.*)
 Subtribe METZGERIEÆ.
Aneura 46
 ✓ 191 palmata (*Hedw.*)
 ✓ 192 multifida (*L.*)
 b. ambrosioides *Nees*
 c. filiformis *Nees*
 d. submersa-major *Nees*
 193 latifrons *Lindb.*
 b. aquosa (*Lindb.*)
 194 sinuata (*Dicks.*)
 pinnatifida *Nees*
 ✓ 195 pinguis (*L.*)

Metzgeria 47

- ✓ 196 pubescens (*Schrank.*)
- 197 hamata *Lindb.*
- ✓ 198 furcata (*L.*)
 - b. æruginosa *Hook.*
- 199 conjugata *Lindb.*

*Suborder 2.***Marchantiaceæ****Marchantia 48**

- ✓ 200 polymorpha *L.*

Conocephalus 49

- ✓ 201 conicus *L.*

Reboulia 50

- ✓ 202 hemisphærica (*L.*)

Chomiocarpon 51 (*Preissia*)

- ✓ 203 quadratus (*Scop.*)
 - P. commutata* *Nees*

Lunularia 52

- ✓ 204 cruciata (*L.*)
 - vulgaris* (*Mich.*)

Dumortiera 53

- ✓ 205 hirsuta (*Sw.*)
 - b. irrigua *Tayl.*

Targionia 54

- ✓ 206 hypophylla (*L.*)

Sphærocarpus 55

- 207 terrestris (*Mich.*)

*Suborder 3.***Ricciaciæ****Riccia 56**

- 208 ciliata *Hoffm.*
- 209 nigrella *DC.*
- 210 sorocarpa *Bisch.*
- ✓ 211 glauca *L.*
 - b. minor *Lindenb.*
 - c. minima *Lindenb.*
- 212 bifurca *Hoffm.*
- ✓ 213 crystallina *L.*
- 214 glaucescens *Carr.*
- 215 tumida *Lindenb.*

Ricciella 57

- ✓ 216 fluitans (*L.*)

Ricciocarpus 58

- ✓ 217 natans (*L.*)

*Suborder 4.***Anthocerotaceæ****Anthoceros 59**

- ✓ 218 lævis *L.*
- ✓ 219 punctatus *L.*
 - b. multifidus *Nees*
- 220 Stableri *Steph.*

WLRU
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