

Aneuraceae**Aneura Dumortier, 1822****Aneura pinguis (L.) Dumortier**

Riccardia pinguis (L.) S. Gray. WEBER63.

Antheliaceae**Anthelia (Dumortier) Dumortier, 1835****Anthocerotaceae****Carpobolus Schweinitz, 1822****Carpobolus orbicularis Schweinitz**

Notothylas orbicularis (Schweinitz) Sullivant. WEBER63.

Phaeoceros Proskauer, 1951**Phaeoceros laevis (L.) Proskauer**

WEBER63.

Aytoniaceae**Asterella P. Beauvois, 1805****Asterella gracilis (F. Weber) Underwood**

Annotations by Marie L. Hicks.

Asterella ludwigii (Schwaegrichen) Underwood. EVANS15A.

Asterella lindenberiana (Corda) Lindberg

Summit Co.: Monte Cristo Creek, 11,000 ft., Weber & Holmen B-4428, !M. L. Hicks, 1993..

Mannia Opiz, 1829**Mannia fragrans (Balbis) Frye & Clark**

EVANS15A.

Plagiochasma erythrosporum Sullivant ex Austin. Proc. Acad. Sci. Phila. 21:229. 1870. Type: "Rocky Mountains", [E. Hall]. The description refers to the conspicuous tuft of terminal white paleae characteristic of [Mannia fragrans].. Type specimen from Colorado.

Mannia rupestris (Nees) Frye & Clark

WEBER63.

Mannia sibirica (K. Mueller) Frye & Clark

SCHUS92. BACA CO.: Big Hole Canyon, Weber 100956.

Plagiochasma Lehmann & Lindenberg, 1832**Plagiochasma rupestre (Forster) Stephani**

EVANS15B; WEBER63.

Plagiochasma wrightii Sullivant

EVANS15B; WEBER63.

Reboulia Raddi, 1818**Reboulia hemispherica (L.) Raddi**

EVANS15A. Baca Co.: Sand Creek Canyon, 5 May 1949, Weber L23660. Boulder Co.: Four Mile Canyon between Salina and Crisman, 27 Nov. 1949, Weber B-15736 (COLO)..

Blasiaceae**Blasia L., 1753****Blasia pusilla (L.) Michaux**

WEBER63.

Blepharostoma

Blepharostoma (Dumortier) Dumortier, 1835

Blepharostoma trichophyllum (L.) Dumortier

EVANS15A.

Calypogeiaceae

Calypogeia Raddi, 1820 HONG90

original spelling Calypogeja.

Calypogeia integristipula Stephani

HONG90. !Hong, 1989: LR, JA..

Calypogeia muelleriana (Schiffner) K. Müller

WEBER63; HONG90.

Calypogeia neesiana (Carestia & Massalongo) K. Müller

WEBER63; HONG90.

Calypogeia suecica (Arnell & Persson) K. Müller

HONG90. COLO specimens..

Cephaloziaceae

Cephalozia (Dumortier) Dumortier, 1835

Cephalozia ambigua Massalongo

HONG88. BL,JA,LR..

Cephalozia bicuspidata (L.) Dumortier

EVANS15A; HONG80A.

Cephaloziellaceae

Cephaloziella (Spruce) Stephani, 1893

Cephaloziella divaricata (J. E. Smith) Schiffner

HONG86.

Cephaloziella byssacea (Roth) Warnstorf. WEBER63.

Cephaloziella divaricata (J. E. Smith) Schiffner var scabra M. A. Howe

HONG86.

Cephaloziella hampeana (Nees) Schiffner

EVANS15A; HONG86.

Cephaloziella rubella (Nees) Warnstorf

HONG86.

Cleveaceae

Athalamia Falconer, 1851

Athalamia hyalina (Sommerfelt) Hattori

Clevea hyalina (Sommerfelt) Lindberg. EVANS15A.

Conocephalaceae

Conocephalum G. H. Weber ex Wiggers, 1780

Conocephalum conicum (L.) Dumortier

EVANS15A.

Frullaniaceae

Frullania Raddi, 1818

Frullania brittoniae Evans

WEBER63; HONG89.

Frullania inflata Gottsche

FRYE37. "Ranney, Fisher's Canyon, 1939". Specimen not checked. Not attributed to Colorado by Hong, but to be expected..

Frullania riparia Hampe

WEBER63; HONG89.

Geocalyceaceae**Chiloscyphus** Corda, 1829**Chiloscyphus minor** (Nees) Engel & Schuster

ENGEL84.

Lophocolea minor Nees. WEBER63.

Chiloscyphus pallescens (Ehrhart) Dumortier

FRYE37.

Chiloscyphus polyanthus (L.) Corda var *rivularis* auctt. emend. Loeske

EVANS15A.

Chiloscyphus profundus (Nees) Engel & Schuster

ENGEL84. The epithet heterophyllus, while correct in Lophocolea, cannot be used in Chiloscyphus..

Lophocolea heterophylla (Schrader) Dumortier. HONG93; ENGEL84.

Gymnomitriaceae**Gymnomitrium** Corda, 1829**Gymnomitrium corallioides** Nees

WEBER63.

Marsupella Dumortier, 1822**Marsupella emarginata** (Ehrhart) Dumortier

EVANS15A. "Pikes Peak, 1986, Holzinger.".

Marsupella sphacelata (Gieseke) Dumortier

COLO specimens.

Haplomitriaceae**Haplomitrium** Nees, 1833**Haplomitrium hookeri** (J. E. Smith) Nees

COLO specimens..

Jungermanniaceae**Jungermannia** L., 1753 VANA99**Jungermannia atrovirens** Dumortier

FRYE37; DAMSH77. Specimen, San Juan Co., 1931, Frye, not examined. VANA99 has a dot on the map, but specimen not cited..

Jungermannia exsertifolia Stephani var *cordifolia* (Dumortier) Vana

DAMSH77; VANA99.

Solenostoma cordifolium (Hooker) Stephani. EVANS15A.

Jungermannia hyalina Lyell in Hooker.

VANA99. VANA99 cites Hermann 23346, Mineral Co: Pagosa Springs.

Jungermannia leiantha Grolle

GROLL66.

Jungermannia lanceolata auctt. non L.. WEBER63.

Jungermannia pumila Withering

EVANS15A; VANA99.

Jungermannia rubra Gottsche ex Underwood

San Juan Co.: Iron Fen, Ophir Pass road, Cooper 2301. !Hong, 1999..

Nardia rubra Evans.

Plectocolea rubra (Underwood) Buch, Evans, & Verdoorn.

Jungermannia sphaerocarpa Hooker

EVANS15A; HAMSH77; VANA99.

Solenostoma sphaerocarpum (Hooker) Stephani.

Nardia S. Gray, 1821

Nardia geoscyphus (De Notaris) Lindberg

COLO specimens..

Lepicoleaceae

Gymnocolea (Dumortier) Dumortier, 1835

Gymnocolea inflata (Hudson) Dumortier

COLO specimens..

Lepidoziaceae

Lepidozia (Dumortier) Dumortier, 1835 HONG88B

Lepidozia reptans (L.) Dumortier

HONG88B. COLO specimens..

Lophoziaceae

Lophozia (Dumortier) Dumortier, 1835

Lophozia alpestris (Schleicher) Evans

FRYE37.

Lophozia ascendens (Warnstorf) Schuster

HERMA76.

Lophozia attenuata (Martius) Dumortier

FRYE37. "Silverton, 1931, Frye". Specimen not examined..

Lophozia barbata (Schmidel) Dumortier

EVANS15A.

Lophozia collaris (Nees) Schuster

SCHUS66. Vol. 2, p. 339. "Most... North American reports are incorrect...".

Lophozia muelleri (Nees) Dumortier. EVANS15A.

Lophozia excisa (Dickson) Dumortier

COLO specimens..

Lophozia floerkei (F. Weber & Mohr) Schiffner

EVANS15; SCHUS66. "Pikes Peak, 1896, Holzinger." Vol. 2, p. 302..

Lophozia hatcheri (Evans) Stephani

EVANS15A; FRYE37.

Barbilophozia hatcheri (Evans) Loeske.

Lophozia heterocolpa (Thedenius) M. A. Howe

WEBER63.

Lophozia hornschuchiana (Nees) Macoun

EVANS15A. "without definite locality, J. Wolf". A Kiener specimen (COLO) should be checked..

Lophozia incisa (Schrader) Dumortier

EVANS15A.

Lophozia kunzeana (Huebener) Evans

EVANS15A. EP: Minnehaha, 1913, G. E. Nichols..

Lophozia longidens (Lindberg) Macoun

FRYE37. Independence Pass, Rakestraw 1938. Grand Co.: virgin spruce-fir forest, W St. Louis Creek, 9,000 ft., Weber et al B-11110, !Hong 1999.

Lophozia lycopodioides (Wallroth) Cognaux

EVANS15A.

Barbilophozia lycopodioides (Wallroth) Loeske.

Lophozia opacifolia Culmann

Boulder Co.: S St. Vrain Creek, in Orthodicranum tufts, 25 May 1997, Weber B-103511, det. Hong.

Lophozia porphyroleuca (Nees) Schiffner

EVANS15A.

Lophozia ventricosa (Dickson) Dumortier

EVANS15A.

Lophozia wenzelii (Nees) Stephani

EVANS15A.

Tritomaria Schiffner ex Loeske, 1908 HONG94**Tritomaria exsecta (Schmidel) Schiffner**

WEBER63; HONG94.

Tritomaria exsectiformis (Breidler) Schiffner

HONG94.

Sphenolobus exsectiformis (Breidler) Stephani. EVANS15A; HONG94.

Tritomaria polita (Nees) Joergensen

HONG94.

Saccobasis polita (Nees) Buch. WEBER63.

Tritomaria quinquentata (Hudson) Buch

HONG94.

Lunulariaceae**Lunularia Adanson, 1763****Lunularia cruciata (L.) Dumortier**

WEBER63.

Marchantiaceae**Marchantia L., 1753****Marchantia alpestris Nees**WARNC68. Warncke gives a table distinguishing this from *M. polymorpha*.**Marchantia polymorpha L.**

EVANS15A.

Preissia Corda, 1829**Preissia quadrata (Scopoli) Nees**

EVANS15A.

Metzgeriaceae**Apometzgeria Kuwahara, 1966****Apometzgeria pubescens (Schrank) Kuwahara**

KUWAH65.

Metzgeria pubescens (Schrank) Raddi. WEBER63.

Pelliaceae**Pellia Raddi, 1820****Pellia endiviifolia Dickson**

WEBER63.

Plagiochilaceae**Plagiochila (Dumortier) Dumortier, 1835 HONG92****Plagiochila asplenoides (L. emend. Taylor) Dumortier subsp. porelloides (Torrey ex Nees) Schuster**
HONG92.

Plagiochila porelloides (Torrey ex Nees) Lindberg. GEISS89; HONG92.

Plagiochila asplenoides (L. emend. Taylor) Dumortier subsp. asplenoides
EVANS15A; GEISS89; HONG92.**Porellaceae****Porella L., 1753****Porella cordaeana (Huebener) Evans**

COLO specimens..

*Porella platyphylla (L.) Lindberg*FRYE37. Misidentifications of *P. cordaeana* according to Stotler, 1996 ined..**Radulaceae****Radula Dumortier, 1822****Radula complanata (L.) Dumortier**

EVANS15A; FRYE37; CASTL67.

Ricciaceae**Riccia L., 1753****Riccia austinii Stephani**

HERMA76. COLO collection, MF..

Riccia beyrichiana Hampe

WEBER63.

Riccia cavernosa Hoffmann emend. Raddi

JOVET65.

Riccia crystallina auctt., non L.. EVANS15A; JOVET65. *R. crystallina* L. is Mediterranean..**Riccia fluitans L.**

WEBER63.

Riccia frostii Austin

EVANS15A.

Riccia sorocarpa Bischoff

WEBER63.

Ricciocarpos Corda, 1829**Ricciocarpos natans (L.) Corda**

WEBER63.

Scapaniaceae**Scapania (Dumortier) Dumortier, 1835 POTEM99****Scapania brevicaulis**

POTEM99. "S.degenii is considered a synonym of *S. brevicaulis* and represents a mature form of the species."

Scapania degenii Schiffner ex K. Müller. HONG80B; POTEM99. BL specimens cited..

***Scapania curta* (Martius) Dumortier**

EVANS15A.

***Scapania cuspiduligera* (Nees) K. Müller**

WEBER63.

***Scapania fulfordiae* Hong**

HONG80B. Cited from GA: Lulu City trail, RMNP, Hong 79-895, 79-903..

***Scapania glaucocephala* (Taylor) Evans**

SA: Coal Bank Hill Pass, Hong 79-1061 (COLO)..

***Scapania hyperborea* Joergensen**

WEBER73B; HONG80B. CC specimens cited..

***Scapania irrigua* (Nees) Dumortier**

FRYE37.

***Scapania mucronata* Buch**

SCHUS66. Schuster cited (vol. 3, p. 435), Pikes Peak, 1896, Holzinger (NY)..

***Scapania paludosa* (K. Müller) K. Müller**

HONG80B.

***Scapania subalpina* (Nees) Dumortier**

FRYE37. GA: Hermann 25740, a modern record (COLO)..

***Scapania uliginosa* (Swartz ex Lindenberg) Dumortier**

EVANS15A; HONG80B. LR specimen cited. Also an old specimen, Twin Lakes, 1875, Wolf, !Evans..

***Scapania undulata* (L.) Dumortier**

EVANS15A.