

Liverworts of New Mexico – A Preliminary List

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Complex Thallous

Aytoniaceae

- Asterella elegans* (Gotts.) del Ros.¹
- Asterella gracilis* (Web.) Underw.
- Asterella palmeri* (Austin) Underw.
- Mannia californica* (Gotts. ex Underw.) Wheeler
- Mannia fragrans* (Balb.) Frye&Clark
- Mannia paradoxa* Schuster
- Mannia pilosa* (Hornem.) Frye&Clark
- Plagiochasma rupestre* (Forst) Steph.
- Plagiochasma wrightii* Sull.
- Reboulia hemispherica* (L.) Raddi

Cleveraceae

- Athalamia hyalina* (Sommerfelt)Hattori

Conocephalaceae

- Conocephalum salebrosum* Szweyk,Buczko.,Odrz.²

Marchantiaceae

- Dumotiera hirsuta* (Sw.) Nees
- Marchantia polymorpha* L.

Oxymitraceae

- Oxymitra paleacea* Bisch.

Ricciaceae

- Riccia albida* Sull. ex Austin³
- Riccia albolimbata* S. Arn.
- Riccia austinii* Steph.
- Riccia beyrichiana* Hampe ex. Lehm. & Lindenb.³
- Riccia campbelliana* M.Howe
- Riccia cavernosa* Hoffm.
- Riccia flutans* L.
- Riccia frostii* Austin
- Riccia hirta* (Austin) Underw.³
- Riccia lamellosa* Raddi³
- Riccia membranacea* Gotts.&Lindb.
- Riccia sorocarpa* Bisch.

Targioniaceae

- Targionia hypophylla* L.

Simple Thallous

Blasiaceae

- Blasia pusilla* L.

Fossombroniaceae

Fossombronia Raddi sp

Metzgeriaceae

Apometzgeria pubescens (Shrank)Kuwah.

Metzgeria conjugata Lindb.

Pelliaceae

Pellia endeviifolia (Dicks.) Dumort.

Leafy

Blepharostomaceae

Blepharostoma trichophyllum (L.)Dumort.

Cephaloziaceae

Cephalozia bicuspidata (L.)Dumort. *

Cephalozia lunulifolia (Dumort.)Dumort.

Cephalozia pleniceps (Aust.)Lindb.

Odontoschisma denudatum (Mart.)Dumort.

Odontoschisma prostratum (Sw.)Trevis

Cephaloziellaceae

Cephaloziella divaricata (Sm.)Schniff.

Cephaloziella hampeana (Nees)Schniff.

Cephaloziella rubella (Nees)Warnst.

Geocalycaceae

Chiloscyphus pallescens (Ehrh.ex Hoffm.)Dumort.

Chiloscyphus polyanthus (L.)Corda

Chiloscyphus rivularis (Schrad.)Loeske

Lophocolea minor Nees

Jubulaceae

Frullania brittoniae A.Evans

Frullania eboracensis Gottsche

Frullania inflata Gottsche

Frullania pluricarinata Gottsche⁴

Frullania riparia Hampe ex Lehm.

Jungermanniaceae

Barbilophozia barbata (Schmid.ex Schreb.) Loeske

Barbilophozia floerki (F.Weber&D.Mohr) Loeske

Barbilophozia hatcheri (A.Evans) Loeske

Barbilophozia lycopodioides (Wallr.) Loeske

Gymnocolea inflata (Huds.) Dumort.

Jamesoniella autumnalis (DC.) Steph.

Jungermannia atrovirens Dumort. *

Jungermannia confertissima Nees

Jungermannia exsertifolia Steph.

Jungermannia hyalina Lyell

Jungermannia leiantha Grolle

Jungermannia pumila With.

Jungermannia sphaerocarpa Hook

Lophozia collaris (Nees) Dumort.
Lophozia incisa (Schrad.) Dumort.
Lophozia obtusa (Lindb.) A.Evans *
Lophozia ventricosa (Dicks.) Dumort.
Lophozia wenzelii (Nees) Steph.

Lepidoziaceae

Lepidozia reptans (L.) Dumort.

Plagiochilaceae

Plagiochila asplenioides ssp. *porelloides* (Torr.ex Nees) Schust.⁵

Porrelaceae

Porella cordaeana (Hueb.) Moore

Porella pinnata L.

Porella platyphylla (L.) Pfeiff.⁶

Radulaceae

Radula bolanderi Gottsche

Radula complanata (L.) Dumort.

Scapaniaceae

Scapania apiculata Spruce

Scapania curta (Mart.) Dumort.

Scapania cuspiduligera (Nees) Muell.Frib.

Scapania subalpina (Nees) Dumort

Scapania undulata (L.) Dumort.

Notes

The nomenclature reference source for this list is the United States Department of Agriculture (USDA) website (plants.usda.gov). The exception is *Oxymitra paleacea* Bisch., which is not recognized as by USDA, but is described in

¹ May now be known as *Asterella echinella* (Gottsche)Underw.

² *Conocephalum conicum* L. and *Conocephalum salebrosum* Szweyk,Bucz.,Odrz. are cryptic species that can not be separated by morphologic criteria but require molecular methods. *C. conicum* is found only in Europe while *C. salebrosum* occurs in North America

³ These species were only identified in very early reports, which listed the area as "Piedernales", or "west of the Chiricahuas", neither of which may be in New Mexico.

⁴ This species was identified only by molecular methods

⁵ According to Hong, this is the only subspecies that occurs in NM

⁶ *Porella platyphylla* (L.) Pfeiff. and *Porella platyphylloidea* (Schwein.) Lindb. appear to be examples of so-called "cryptic" species, that cannot be differentiated solely on the basis of morphologic characteristics but require molecular studies for species identification. Both these species are being included under *P. platyphylla*.

*Unconfirmed