

Checklist of the Bryophytes of the Palos Verdes Peninsula (PVP)

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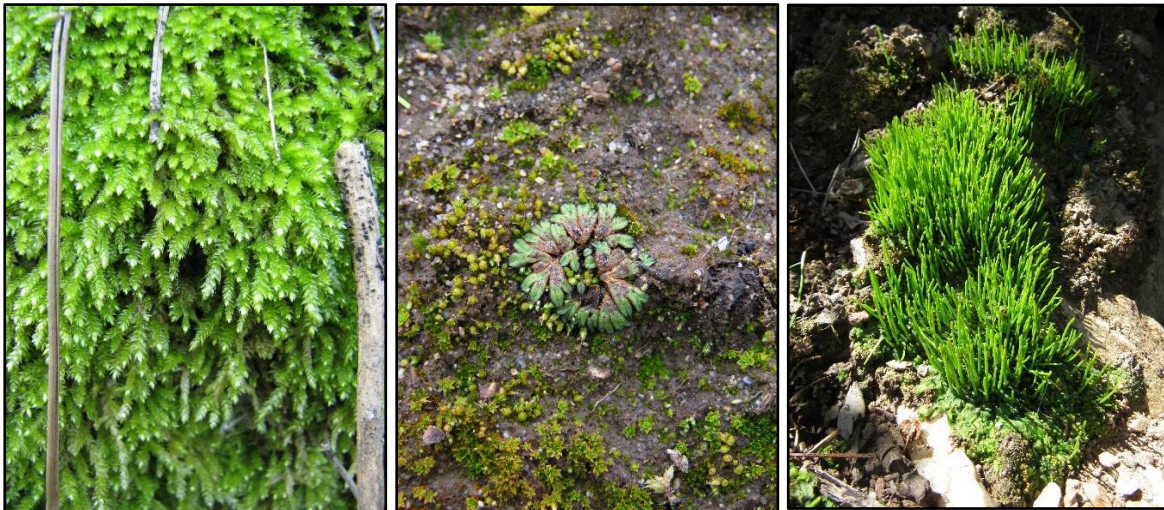
(unpublished list that is in the process of getting published)

New records for the PVP are denoted with a dagger (†)

Species already known for the area from older vouchers are denoted with a plus (+)

Species that have been historically vouchered from the PVP but were not found during the survey are denoted with an asterisk (*)

Species found in biological soil crust are denoted with a caret (^)



BRYOPHYTA

Amblystegiaceae

†*Amblystegium serpens* (Hedw.) Schimp. Uncommon. Found on soil. (*Uelman 188 SFV-B*)

†*Conardia compacta* (Hook.) H. Rob. Rare. Found on bark at the base of *Salix lasiolepis* in mesic areas. (*Uelman 259 SFV-B*)

†*Leptodictyum riparium* (Hedw.) Warnst. Uncommon. Found on rock in streams. (*Uelman 50 SFV-B*)

Brachytheciaceae

- †*Brachytheciastrum velutinum* var. *velutinum* (Hedw.) Ignatov & Huttunen. Rare. Found on unidentified decaying wood. (*Uelman 191* SFV-B)
- +*Homalothecium arenarium* (Lesq.) E. Lawton. Common. Found on soil over rock. (*Wilson 5502* SFV-B, *Uelman 26* SFV-B)
- †*Homalothecium nuttallii* (Wilson) A. Jaeger. Uncommon. Found on branches of *Salix lasiolepis* and *Salix laevigata* in mesic areas. (*Uelman 252* SFV-B)
- †*Scleropodium californicum* (Lesq.) Kindb. Abundant. Found on soil over rock. (*Uelman 187* SFV-B)
- †*Scleropodium cespitans* (Mull. Hal.) L.F. Koch. Uncommon. Found on bark at the base of *Salix lasiolepis* in mesic areas. (*Uelman 255* SFV-B)
- †*Scleropodium obtusifolium* (Mitt.) Kindb. Rare. Found on soil in seasonal streams. (*Uelman 106* SFV-B)
- †*Scleropodium occidentale* B.E. Carter. Uncommon. Found on soil on the banks of seasonal streams. (*Uelman 256* SFV-B)
- +*Scleropodium touretti* (Brid.) L.F. Koch. Abundant. Found on soil. (*Wilson 5491* SFV-B, *Uelman 23* SFV-B)

Bryaceae

- †^*Bryum argenteum* Hedw. Common. Found on soil, crevices in brick, and in biological soil crust. (*Uelman 136* SFV-B)
- †*Gemmabryum caespiticium* (Hedw.) J.R. Spence. Uncommon. Found on disturbed soil. (*Uelman 99* SFV-B)
- †*Gemmabryum gemmiferum* (R. Wilczek & Demaret) J.R. Spence. Uncommon. Found on disturbed soil. (*Uelman 94* SFV-B)
- †*Gemmabryum kunzei* (Hornsch.) J.R. Spence. Rare. Found in rock crevices of George F Canyon. This form is compact and cushion-like form. (*Uelman 91* SFV-B)
- †^*Gemmabryum radiculosum* (Brid.) J.R. Spence & H.P. Ramsay. Abundant. Found on soil, thin soil over rock, and in biological soil crust. (*Uelman 138* SFV-B)
- †*Gemmabryum ruderale* (Crundw. & Nyholm) J.R. Spence. Uncommon. Found on disturbed soil. (*Uelman 102* SFV-B)
- +*Gemmabryum valparaisense* (Ther.) J.R. Spence. Uncommon. Found on soil. (*Wilson 5495* SFV-B, *Uelman 100* SFV-B)
- †*Gemmabryum vinosum* J.R. Spence & K. Kellman. Uncommon. Found on soil. (*Uelman 87* SFV-B)
- †*Gemmabryum violaceum* (Crundw. & Nyholm) J.R. Spence. Uncommon. Found on soil. (*Uelman 101* SFV-B)
- †*Rosulabryum gemmascens* (Kindb.) J.R. Spence. Abundant. Found on soil and unidentified rotting wood. (*Uelman 127* SFV-B)
- †*Rosulabryum laevifilum* (Syed) Ochyra. Rare. Found on rotting branches of *Heteromeles arbutifolia*. (*Uelman 269* SFV-B)

Dicranaceae

†*Dicranella varia* (Hedw.) Schimp. Rare. Found on soil along trails. (*Uelman 56 SFV-B*)

Ditrichaceae

†*Pleuridium subulatum* (Hedw.) Rabenh. Rare. Found on sandy soil. (*Uelman 83 SFV-B*)

Fissidentaceae

†*Fissidens crispus* Mont. Uncommon. Found on soil. (*Uelman 180 SFV-B*)

†*Fissidens curvatus* Hornsch. Common. Found on soil. (*Uelman 71 SFV-B*)

†*Fissidens sublimbatus* Grout. Abundant. Found on soil in shade. (*Uelman 76 SFV-B*)

Funariaceae

+*Funaria hygrometrica* Hedw. Abundant. Found on soil. (Detmers s. n. MICH, *Uelman 41 SFV-B*)

**Funaria microstoma* Schim. (Detmers s. n. MICH)

†*Funaria muhlenbergii* Turner. Rare. Found on soil. (*Uelman 42 SFV-B*)

Grimmiaceae

†*Grimmia lisa* De Not. Rare. Found on exposed rocks. (*Uelman 54 SFV-B*)

Hedwigiaceae

†*Pseudobraunia californica* (Lesq.) Broth. Rare. Found on exposed rock. (*Uelman 114 SFV-B*)

Leskeaceae

†*Claopodium whippleanum* (Sull.) Renauld & Cardot. Rare. Found on soil. (*Uelman 46 SFV-B*)

Leucodontaceae

†*Nogopterium gracile* (Hedw.) Crosby & W.R. Buck. Rare. Found on bark of *Sambucus mexicana*, at the base of the main trunk, in mesic canyons. (*Uelman 47 SFV-B*)

Mniaceae

†*Pohlia atropurpurea* (Hedw.) Lindb. Uncommon. Found on disturbed sandy soil. (*Uelman 55 SFV-B*)

Orthotrichaceae

†*Orthotrichum franciscanum* F. Lara, R. Medina & Garilleti. Uncommon. Found on branches of *Sambucus mexicana* in mesic areas. (*Uelman 256 SFV-B*)

Pottiaceae

- †[^]*Aloina aloides* var. *ambigua* (Bruch & Schimp) Limpr. Craig. Uncommon. Found in biological soil crust. (*Uelman 261 SFV-B*)
- †[^]*Aloina bifrons* (De Not.) Delgad. Uncommon. Found in biological soil crust. (*Uelman 169 SFV-B*)
- †[^] *Crossidium seriatum* Crum & Steere. Uncommon. Found in biological soil crust. (*Uelman 177 SFV-B*)
- †[^]*Crossidium squamiferum* (Viv.) Jur. Uncommon. Found in biological soil crust. (*Uelman 160 SFV-B*)
- †*Crumia latifolia* (Kindb.) W.B. Schofield. Rare. Found on exposed rock (shale) in a perennial spring. (*Uelman 251 SFV-B*)
- †*Didymodon rigidulus* Hedw. Uncommon. Found on exposed rock in mesic areas. (*Uelman 266 SFV-B*)
- †*Geheebia fallax* (Hedw.) R.H. Zander. Uncommon. Found on soil in mesic areas. (*Uelman 196 SFV-B*)
- †*Geheebia tophacea* (Brid.) R.H. Zander. Common. Found on rock and soil in streams. (*Uelman 228 SFV-B*).
- †*Gymnostomum aeruginosum* Sm. Rare. Found on soil in mesic areas. (*Uelman 112 SFV-B*)
- +*Hennediella stanfordensis* (Steere) Blockeel. Common. Found on soil. (*Wilson 5500 SFV-B*, *Uelman 30 SFV-B*)
- †[^]*Microbryum davallianum* (Sm.) R.H. Zander. Uncommon. Found in biological soil crust. (*Uelman 82 SFV-B*)
- †[^]*Trichostomopsis australasiae* (Hook & Grev.) A Jaeger. Uncommon. Found in biological soil crust. (*Uelman 173 SFV-B*)
- †[^]*Stegonia hyalinotricha* (Cardot & Ther.) R.H. Zander. Rare. Found in biological soil crust (*Uelman 84 SFV-B*)
- †*Syntrichia princeps* (De Not.) Mitt. Uncommon. Found on rock and the bark of *Sambucus mexicana*. (*Uelman 254 SFV-B*)
- †*Syntrichia ruralis* (Hedw.) F. Weber & D. Mohr. Uncommon. Found on soil and rock. (*Uelman 53 SFV-B*)
- †*Timmiella crassinervis* (Hampe) L.F. Koch. Uncommon. Found on soil. (*Uelman 39 SFV-B*)
- †[^]*Tortula atrovirens* (Sm.) Lindb. Rare. Found in biological soil crust. (*Uelman 158 SFV-B*)
- +[^]*Tortula brevipes* (Lesq.) M. Howe. Abundant (most encountered *Tortula*). Found on soil and in biological soil crust. (*McFadden 17333 WIS*, *Uelman 59 SFV-B*)

- †^*Tortula californica* E.B. Bartram. Rare. CNPS 1B.2. Found in biological soil crust. (*Uelman 57 SFV-B*)
- †^*Tortula inermis* (Brid.) Montagne. Rare. Found in biological soil crust. (*Uelman 181 SFV-B*)
- †*Tortula muralis* Hedw. Common. Found on rock and brick. (*Uelman 63 SFV-B*)
- †*Tortula obtusifolia* (Schwagr.) Mathieu. Rare. Found on soil. (*Uelman 103 SFV-B*)
- +*Vinealobryum brachyphyllum* (Sull. ex Whipple) R.H. Zander. Uncommon. Found on soil. (*McFadden 17936 COLO:B, Uelman 242 SFV-B*)
- †*Vinealobryum eckeliae* (R.H. Zander) R.H. Zander. Uncommon. Found on bark on the trunks of *Sambucus mexicana* in mesic areas. (*Uelman 223 SFV-B*)
- +^*Vinealobryum vineale* (Brid.) R.H. Zander. Abundant (most common *Vinealobryum* encountered). Found on soil, rock, and in biological soil crust. (*McFadden 17936 WIS, Uelman 203 SFV-B*)
- †*Weissia controversa* Hedw. Common. Found on soil. (*Uelman 118 SFV-B*)
- †*Weissia ligulifolia* (E.B. Bartram) Grout. Uncommon. Found on soil. (*Uelman 116 SFV-B*)

MARCHANTIOPHYTA

Aytoniaceae

- †*Asterella californica* (Hampe ex Austin) Underw. Uncommon. Found on soil in mesic areas. (*Uelman 270 SFV-B*)

Cephaloziellaceae

- †*Cephaloziella hampeana* (Nees) Schiffn. Ex Loeske. Rare. Found on thin soil in rock crevices of Catalina Schist in mesic areas. (*Uelman 149 SFV-B*)

Fossombroniaceae

- †*Fossombronia longiseta* Austin. Occasional. Found on soil in mesic areas. (*Uelman 144 SFV-B*)

Lunulariaceae

- †*Lunularia cruciata* (L.) Dumort. ex Lindb. Uncommon. Found on soil along streams. (*Uelman 272 SFV-B*)

Porellaceae

- †*Porella bolanderi* (Austin) Pearson. Uncommon. Found on old growth bark of *Sambucus mexicana* and *Rhus integrifolia*. (*Uelman 154 SFV-B*)

Ricciaceae

†*Riccia nigrella* DC. Rare. Found on soil. (*Uelman 141* SFV-B)

†*Riccia sorocarpa* Bisch. Rare. Found on soil. (*Uelman 140* SFV-B)

Sphaerocarpaceae

†*Sphaerocarpos michelii* Bellardi. Rare. Found on soil along a mesic slope in the George F Canyon. (*Uelman 142* SFV-B)

†*Sphaerocarpos texanus* Austin. Common. Found on clay and sandy soil. (*Uelman 143* SFV-B)

Targioniaceae

†*Targionia hypophylla* L. Occasional. Found on soil in mesic areas. (*Uelman 145* SFV-B)

ANTHOCEROTOPHYTA

Notothyladaceae

†*Paraphymatoceros pearsonii* (M. Howe) Prosk. Rare. Found on soil in mesic areas. (*Uelman 271* SFV-B)