

Moss and Bryophyte Species Observed in the Cedar River Municipal Watershed, King County, Washington, USA

List compiled by David Chapin (Seattle Public Utilities)

from observations of Martin Hutten (2006-2007), David Wagner (2006), and Tammy Stout (2001).

All species vouchered; Hutten and Stout specimens vouchered in University of Washington Herbarium.

July 2013

Scientific name and Authority	Class	Observed by		
		Hutten	Wagner	Stout
<i>Andreaea rupestris</i> Hedw.	MOSESSES	x		
<i>Aneura pinguis</i> (L.) Dum.	LIVERWORTS	x		
<i>Antitrichia curtispindula</i> (Hedw.) Brid.	MOSESSES	x	x	x
<i>Atrichum selwynii</i> Aust.	MOSESSES	x		
<i>Aulacomnium androgynum</i> (Hedw.) Schwaegr.	MOSESSES	x		x
<i>Aulacomnium palustre</i> (Hedw.) Schwaegr.	MOSESSES	x		x
<i>Barbilophozia floerkei</i> (Web. et Mohr) Loeske	LIVERWORTS	x		x
<i>Barbilophozia hatcheri</i> (Evans) Loeske	LIVERWORTS	x		
<i>Bartramia pomiformis</i> Hedw.	MOSESSES	x		
<i>Bazzania ambigua</i> (Lindenb.) Trev.	LIVERWORTS	x	x	x
<i>Bazzania denudata</i> (Torrey ex Gott. et. al.) Trev.	LIVERWORTS	x	x	
<i>Bazzania</i> sp. S. Gray	LIVERWORTS	x		
<i>Blepharostoma trichophyllum</i> (L.) Dum. subsp. <i>trichophyllum</i>	LIVERWORTS	x	x	x
<i>Blindia acuta</i> (Hedw.) Bruch & Schimp. In B.S.G.	MOSESSES	x	x	
<i>Brachythecium albicans</i> (Hedw.) Schimp. in B.S.G.	MOSESSES	x		
<i>Brachythecium asperrimum</i> (Mitt.) Sull.	MOSESSES	x	x	
<i>Brachythecium erythrorrhizon</i> Schimp.	MOSESSES	x		
<i>Brachythecium frigidum</i> (C. Müll.) Besch.	MOSESSES	x	x	x
<i>Brachythecium hylotapetum</i> B. Hig. & N. Hig.	MOSESSES	x		
<i>Brachythecium leibergii</i> Grout	MOSESSES	x		
<i>Brachythecium oedipodium</i> (Mitt.) Jaeg.	MOSESSES	x		

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		Hutten	Wagner	Stout
<i>Brachythecium rivulare</i>	MOSSES			x
<i>Brachythecium salebrosum</i> (Web. & Mohr) Schimp in B.S.G.	MOSSES	x		
<i>Brachythecium</i> sp. Schimp.	MOSSES	x		
<i>Bryum bimum</i> (Schreb.) Turner	MOSSES		x	
<i>Bryum caespiticium</i> Hedw.	MOSSES	x		
<i>Bryum calobryoides</i> Spence	MOSSES	x		
<i>Bryum capillare</i> Hedw.	MOSSES	x		x
<i>Bryum lisae</i> De Not.	MOSSES	x		
<i>Bryum pseudotriquetrum</i> (Hedw.) Gaertn., Meyer & Scherb.	MOSSES	x		x
<i>Bryum</i> sp. Hedw.	MOSSES	x		
<i>Buckiella undulata</i> (Hedw.) Ireland	MOSSES		x	
<i>Buxbaumia</i> sp. Hedw.	MOSSES	x		
<i>Buxbaumia piperi</i>	MOSSES			x
<i>Buxbaumia viridis</i> (DC.) Moug. & Nestl.	MOSSES	x		
<i>Calliergon stramineum</i>	MOSSES			x
<i>Calliergonella cuspidata</i> (Hedw.) Loeske	MOSSES	x		
<i>Calypogeia azurea</i> Stotler & Crotz	LIVERWORTS	x	x	
<i>Calypogeia fissa</i> (L.) Raddi	LIVERWORTS	x	x	
<i>Calypogeia integristipula</i> Steph.	LIVERWORTS	x		
<i>Calypogeia muelleriana</i> (Schiffn.) K. Müll.	LIVERWORTS	x	x	
<i>Calypogeia neesiana</i> (Mass. et Carest.) K. Müll.	LIVERWORTS	x		
<i>Campylium stellatum</i>	MOSSES			x
<i>Calypogeia suecica</i> (H.Arnell et J.Perss.) K. Müll.	LIVERWORTS	x		x
<i>Cephalozia bicuspidata</i> (L.) Dum.	LIVERWORTS	x	x	
<i>Cephalozia leucantha</i> Spruce	LIVERWORTS	x		
<i>Cephalozia lunulifolia</i> (Dum.) Dum.	LIVERWORTS	x	x	x
<i>Cephaloziella divaricata</i> (Sm.) Schiffn.	LIVERWORTS	x		
<i>Cephaloziella divaricata</i> (Sm.) Schiffn. var. <i>scabra</i> Howe	LIVERWORTS	x		

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		Hutten	Wagner	Stout
<i>Cephaloziella</i> sp. (Spruce) Steph.	LIVERWORTS	x		
<i>Ceratodon purpureus</i> (Hedw.) Brid.	MOSESSES	x		x
<i>Chiloscyphus pallescens</i> (Ehrh. ex Hoffm.) Dum.	LIVERWORTS	x		
<i>Chiloscyphus polyanthos</i> (L.) Corda	LIVERWORTS	x	x	x
<i>Chiloscyphus profundus</i> (Nees) J.J. Engel et R.M. Schust.	LIVERWORTS		x	
<i>Claopodium bolanderi</i> Best	MOSESSES	x		
<i>Claopodium crispifolium</i> (Hook.) Ren. & Card.	MOSESSES	x		x
<i>Claopodium</i> sp. (Lesq. & James) Ren. & Card.	MOSESSES	x		
<i>Climacium dendroides</i> (Hedw.) Web. & Mohr	MOSESSES	x		x
<i>Conocephalum conicum</i> (L.) Lindb.	LIVERWORTS	x	x	x
<i>Cynodontium jenneri</i> (Schimp.) Stirt.	MOSESSES	x		
<i>Dendroalsia abietina</i>	MOSESSES			x
<i>Dichodontium pellucidum</i> (Hedw.) Schimp	MOSESSES	x	x	x
<i>Dicranella heteromalla</i> (Hedw.) Schimp.	MOSESSES	x		
<i>Dicranella palustris</i>	MOSESSES			x
<i>Dicranella rufescens</i> (With.) Schimp.	MOSESSES	x		
<i>Dicranoweisia cirrata</i> (Hedw.) Lindb. ex Milde	MOSESSES	x		
<i>Dicranoweisia crispula</i> (Hedw.) Lindb. ex Milde var. <i>crispula</i>	MOSESSES	x		x
<i>Dicranum fuscescens</i> Turn.	MOSESSES	x	x	x
<i>Dicranum howellii</i> Ren. & Card.	MOSESSES	x		x
<i>Dicranum pallidisetum</i> (Bail. in Holz.) Ireland	MOSESSES	x		
<i>Dicranum scoparium</i> Hedw.	MOSESSES	x		
<i>Dicranum tauricum</i> Sapéh.	MOSESSES	x		x
<i>Didymodon vinealis</i> (Brid.) Zander var. <i>vinealis</i>	MOSESSES	x		
<i>Diplophyllum albicans</i> (L.) Dum.	LIVERWORTS	x		x
<i>Diplophyllum obtusifolium</i> (Hook.) Dum.	LIVERWORTS	x		x
<i>Diplophyllum taxifolium</i> (Wahlenb.) Dum.	LIVERWORTS	x		
<i>Ditrichum ambiguum</i> Best	MOSESSES	x		

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		Hutten	Wagner	Stout
<i>Ditrichum montanum</i> Leib.	MOSSES	x		
<i>Douinia ovata</i> (Dicks.) Buch	LIVERWORTS	x		
<i>Drepanocladus aduncus</i> (Bland. ex Voit) G. Roth var. <i>polycarpus</i> (Bland. ex Voit) G. Roth	MOSSES	x		
<i>Dryptodon patens</i> (Hedw.) Brid.	MOSSES	x		
<i>Eurhynchium oreganum</i> (Sull.) Jaeg.	MOSSES	x		x
<i>Eurhynchium praelongum</i> (Hedw.) Schimp.	MOSSES	x		x
<i>Eurhynchium pulchellum</i> (Hedw.) Jenn. var. <i>pulchellum</i>	MOSSES	x		
<i>Fissidens taxifolius</i>	MOSSES			x
<i>Fissidens ventricosus</i>	MOSSES			x
<i>Fontinalis neomexicana</i> Sull. & Lesq.	MOSSES	x	x	
<i>Fontinalis</i> sp. Hedw.	MOSSES	x		
<i>Frullania nisquallensis</i> Sull.	LIVERWORTS	x	x	
<i>Geocalyx graveolens</i> (Schrad.) Nees	LIVERWORTS	x		
<i>Grimmia anomala</i> Hampe ex Schimp.	MOSSES	x		
<i>Gymnomitrium obtusum</i> (Lindb.) Pears.	LIVERWORTS	x		
<i>Gyrothyra underwoodiana</i> M. A. Howe	LIVERWORTS	x	x	
<i>Heterocladium macounii</i> Best	MOSSES	x		x
<i>Heterocladium procurrens</i> (Mitt.) Jaeg.	MOSSES	x		
<i>Homalothecium fulgescens</i> (Mitt. ex. C. Müll.) Lawt.	MOSSES	x		x
<i>Homalothecium nevadense</i>	MOSSES			x
<i>Homalothecium nuttallii</i> (Wils.) Jaeg.	MOSSES	x		
<i>Hookeria lucens</i> (Hedw.) Sm.	MOSSES	x		x
<i>Hygrohypnum molle</i> (Hedw.) Loeske	MOSSES		x	
<i>Hygrohypnum ochraceum</i> (Turn. & Wils.) Loeske	MOSSES	x	x	x
<i>Hylocomium splendens</i> (Hedw.) Schimp.	MOSSES	x	x	x
<i>Hypnum circinale</i> Hook.	MOSSES	x	x	x
<i>Hypnum dieckii</i> Ren. & Card. in Röhl	MOSSES	x	x	x
<i>Hypnum lindbergii</i> Mitt. Sites: m1963, m1980	MOSSES		x	

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		Hutten	Wagner	Stout
<i>Hypnum subimponens</i> Lesq.	MOSSES	x		
<i>Isoetecium stoloniferum</i> Brid.	MOSSES	x	x	x
<i>Jamesoniella autumnalis</i> (DC.) Steph.	LIVERWORTS	x		
<i>Jungermannia hyalina</i> Lyell	LIVERWORTS	x		
<i>Jungermannia obovata</i> Nees	LIVERWORTS	x		
<i>Kiaeria starkei</i> (Web. & Mohr) Hag.	MOSSES	x		
<i>Kindbergia oregana</i> (Sull.) Ochyra	MOSSES		x	x
<i>Kindbergia praelonga</i> (Hedw.) Ochyra	MOSSES		x	x
<i>Lepidozia reptans</i> (L.) Dum.	LIVERWORTS	x	x	
<i>Leucolepis acanthoneuron</i> (Schwaegr.) Lindb.	MOSSES	x	x	
<i>Leucolepis menziesii</i>	MOSSES			x
<i>Lophocolea bidentata</i> (L.) Dum.	LIVERWORTS	x		
<i>Lophocolea heterophylla</i> (Schrad.) Dum.	LIVERWORTS	x		x
<i>Lophocolea</i> sp. (Dum.) Dum.	LIVERWORTS	x		
<i>Lophozia incisa</i> (Schrad.) Dum.	LIVERWORTS	x		
<i>Lophozia longiflora</i> (Nees) Schiffn.	LIVERWORTS	x		x
<i>Lophozia obtusa</i> (Lindb.) Evans	LIVERWORTS	x		
<i>Lophozia opacifolia</i> Culm.	LIVERWORTS	x		
<i>Lophozia sudetica</i> (Nees) Grolle	LIVERWORTS	x		
<i>Lophozia ventricosa</i> (Dicks.) Dum.	LIVERWORTS	x		
<i>Lophozia wenzelii</i> (Nees) Steph.	LIVERWORTS	x		
<i>Marchantia polymorpha</i>	LIVERWORTS			x
<i>Marsupella emarginata</i> (Ehrh.) Dum.	LIVERWORTS	x	x	x
<i>Marsupella emarginata</i> (Ehrh.) Dum. var. <i>aquatica</i> (Lindenb.) Dum.	LIVERWORTS	x		
<i>Marsupella</i> sp. Dum.	LIVERWORTS	x		
<i>Marsupella sphacelata</i> (Gieseke) Dum.	LIVERWORTS	x		
<i>Metaneckera menziesii</i> (Hook.) Steere	MOSSES	x	x	x
<i>Metzgeria conjugata</i> Lindb.	LIVERWORTS	x		

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		Hutten	Wagner	Stout
<i>Metzgeria temperata</i> Kuwah.	LIVERWORTS	x		
<i>Mnium ambiguum</i>	MOSSES			x
<i>Mnium marginatum</i> (With.) P. Beauv.	MOSSES	x		
<i>Mnium spinulosum</i> Bruch & Schimp.	MOSSES	x	x	
<i>Nardia scalaris</i> S. Gray	LIVERWORTS	x		x
<i>Neckera douglasii</i> Hook.	MOSSES	x		
<i>Oligotrichum aligerum</i> Mitt.	MOSSES	x		
<i>Oncophorus wahlenbergii</i> Brid.	MOSSES	x		
<i>Orthotrichum consimile</i> Mitt.	MOSSES	x		
<i>Orthotrichum papillosum</i> Hampe	MOSSES	x		x
<i>Orthotrichum pulchellum</i> Brunt. in Winch. & Gateh.	MOSSES	x		
<i>Orthotrichum</i> sp. Hedw.	MOSSES	x		
<i>Orthotrichum speciosum</i> Nees in Sturm	MOSSES	x		
<i>Orthotrichum striatum</i> Hedw.	MOSSES	x		x
<i>Palustriella commutata</i> (Brid.) Ochyra	MOSSES	x		
<i>Pellia neesiana</i> (Gott.) Limpr.	LIVERWORTS	x	x	x
<i>Philonotis fontana</i> (Hedw.) Brid. var. <i>americana</i> (Dism.) Flow.	MOSSES	x		x
<i>Plagiochila asplenioides</i> (L.) Dum.	LIVERWORTS	x		
<i>Plagiochila porelloides</i> (Torrey ex Nees) Lindenb.	LIVERWORTS	x	x	x
<i>Plagiomnium insigne</i> (Mitt.) T. Kop.	MOSSES	x	x	x
<i>Plagiomnium rostratum</i> (Schrad.) T. Kop.	MOSSES	x	x	x
<i>Plagiomnium venustum</i> (Mitt.) T. Kop.	MOSSES	x		x
<i>Plagiothecium cavifolium</i> (Brid.) Iwats.	MOSSES	x		
<i>Plagiothecium denticulatum</i> (Hedw.) Schimp.	MOSSES	x		
<i>Plagiothecium laetum</i> Schimp.	MOSSES	x		x
<i>Plagiothecium piliferum</i> (Sw. ex Hartm.) Schimp.	MOSSES	x		
<i>Plagiothecium undulatum</i> (Hedw.) Schimp.	MOSSES	x		x
<i>Platyhypnidium riparioides</i>	MOSSES			x

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		Hutten	Wagner	Stout
<i>Pleurozium schreberi</i> (Brid.) Mitt.	MOSSES	x		x
<i>Pogonatum alpinum</i> var. <i>alpinum</i>	MOSSES			x
<i>Pogonatum contortum</i> (Brid.) Lesq.	MOSSES	x		x
<i>Pogonatum urnigerum</i> (Hedw.) P. Beauv.	MOSSES	x		x
<i>Pohlia cruda</i> (Hedw.) Lindb.	MOSSES	x		x
<i>Pohlia longibracteata</i> Broth. in Roell	MOSSES		x	
<i>Pohlia nutans</i> (Hedw.) Lindb.	MOSSES	x		x
<i>Polytrichastrum alpinum</i> (Hedw.) G. L. Sm.	MOSSES	x	x	
<i>Polytrichum commune</i> Hedw.	MOSSES	x		
<i>Polytrichum formosum</i> Hedw.	MOSSES	x		
<i>Polytrichum juniperinum</i> Hedw.	MOSSES	x		x
<i>Polytrichum piliferum</i> Hedw.	MOSSES	x		x
<i>Porella cordaeana</i> (Hüb.) Moore	LIVERWORTS	x		
<i>Porella navicularis</i> (Lehm. et Lindenb.) Lindb.	LIVERWORTS	x	x	
<i>Pseudoleskea atricha</i> (Kindb. in Mac. & Kindb.) Kindb.	MOSSES	x		
<i>Pseudoleskea baileyi</i> Best & Grout in Grout	MOSSES	x		
<i>Pseudoleskea incurvata</i> (Hedw.) Loeske	MOSSES	x		
<i>Pseudoleskea patens</i> (Hedw.) Loeske	MOSSES	x		
<i>Pseudoleskea saviana</i> (De Not.) Latz	MOSSES	x		
<i>Pseudoleskea stenophylla</i> Ren. & Card.	MOSSES	x		
<i>Pseudotaxiphyllum elegans</i> (Brid.) Iwats.	MOSSES	x	x	x
<i>Ptilidium californicum</i> (Aust.) Underw.	LIVERWORTS	x	x	
<i>Racomitrium aciculare</i> (Hedw.) Brid.	MOSSES	x		x
<i>Racomitrium affine</i> (Schleich. ex Web. & Mohr) Lindb.	MOSSES	x		
<i>Racomitrium aquaticum</i> (Brid. Ex Schrad.) Brid.	MOSSES	x		
<i>Racomitrium canescens</i> var. <i>ericoides</i>	MOSSES			x
<i>Racomitrium elongatum</i> Ehrh. ex Frisv.	MOSSES	x		x
<i>Racomitrium heterostichum</i> (Hedw.) Brid.	MOSSES	x		x

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<i>Racomitrium lanuginosum</i> (Hedw.) Brid.	MOSSES	x		x
<i>Racomitrium obesum</i> Frisvoll	MOSSES	x		
<i>Racomitrium occidentale</i> (Ren. & Card.) Ren. & Card.	MOSSES	x		x
<i>Racomitrium</i> sp. Brid.	MOSSES	x		
<i>Racomitrium sudeticum</i> var. <i>sudeticum</i>	MOSSES			x
<i>Racomitrium varium</i> (Mitt.) Jaeg.	MOSSES	x	x	
<i>Radula bolanderi</i> Gott.	LIVERWORTS	x		
<i>Radula complanata</i> (L.) Dum.	LIVERWORTS	x		
<i>Rhizomnium glabrescens</i> (Kindb.) T. Kop.	MOSSES	x	x	x
<i>Rhizomnium magnifolium</i> (Horik.) T. Kop.	MOSSES	x		x
<i>Rhizomnium nudum</i> (Britt. & Williams) T. Kop.	MOSSES	x		
<i>Rhizomnium pseudopunctatum</i>	MOSSES			x
<i>Rhytidiadelphus loreus</i> (Hedw.) Warnst.	MOSSES	x	x	x
<i>Rhytidiadelphus squarrosus</i> (Hedw.) Warnst.	MOSSES	x		x
<i>Rhytidiadelphus subpinnatus</i> (Lindb.) T. Kop.	MOSSES		x	
<i>Rhytidiadelphus triquetrus</i> (Hedw.) Warnst.	MOSSES	x	x	x
<i>Rhytidiopsis robusta</i> (Hook.) Broth.	MOSSES	x	x	x
<i>Riccardia chamedryfolia</i> (With.) Grolle	LIVERWORTS	x		
<i>Riccardia latifrons</i> Lindb.	LIVERWORTS	x		
<i>Riccardia multifida</i> (L.) S. Gray	LIVERWORTS	x	x	
<i>Roellia roellii</i> (Broth.) Andr. ex Crum	MOSSES	x		
<i>Sanionia uncinata</i> (Hedw.) Loeske	MOSSES	x		
<i>Scapania americana</i> K. Müll.	LIVERWORTS	x		
<i>Scapania bolanderi</i> Aust.	LIVERWORTS	x	x	x
<i>Scapania irrigua</i> (Nees) Gott. et al.	LIVERWORTS	x		
<i>Scapania subalpina</i> (Nees) Dum.	LIVERWORTS	x		
<i>Scapania uliginosa</i> (Sw. ex Lindenb.) Dum.	LIVERWORTS	x		
<i>Scapania umbrosa</i> (Schrad.) Dum.	LIVERWORTS	x	x	

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<i>Scapania undulata</i> (L.) Dum.	LIVERWORTS	x	x	x
<i>Schistidium rivulare</i> (Brid.) Podp. var. <i>rivulare</i>	MOSSES	x		x
<i>Schistidium strictum</i> (Turner) Loeske	MOSSES	x		
<i>Schofieldia monticola</i> Godfr.	LIVERWORTS	x		
<i>Scleropodium obtusifolium</i> (Jaeg.) Kindb. in Mac.	MOSSES	x	x	
<i>Scouleria aquatica</i>	MOSSES			x
<i>Sphagnum girgensohnii</i> Russ.	MOSSES	x		
<i>Sphagnum mendocinum</i>	MOSSES			x
<i>Sphagnum palustre</i> L.	MOSSES	x		
<i>Sphagnum recurvum</i> P. Beauv. var. <i>brevifolium</i> (Lindb. ex Braithw.) Warnst.	MOSSES	x		
<i>Sphagnum squarrosum</i> Crome	MOSSES	x		x
<i>Tetraphis pellucida</i> Hedw.	MOSSES	x		x
<i>Tetraplodon mnioides</i> (Hedw.) Bruch & Schimp in B.S.G.	MOSSES	x		
<i>Thamnobryum neckeroides</i> (Hook.) Lawt.	MOSSES	x		
<i>Trachybryum megaptilum</i> (Sull.) Schof.	MOSSES		x	
<i>Ulota megalospora</i> Vent. in Röll	MOSSES	x		x
<i>Ulota obtusiuscula</i> C. Müll. & Kindb. in Mac. & Kindb.	MOSSES	x		
<i>Warnstorfia exannulata</i> (Schimp.) Loeske	MOSSES	x		
<i>Zygodon viridissimus</i> (Dicks.) Brid. var. <i>rupestris</i> Lindb. Ex Hartm.	MOSSES	x		

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