

MOSSES AND LIVERWORTS OF HOWARD COUNTY

Richard Orr

	GENUS	SPECIES	COMMON NAME	PREFERRED SUBSTRATE OR HABITAT	REFERENCE	LOCATION OF VOUCHER P,V,S	DATE VOUCHER P,V,S	COMMENTS	
MOSSES	1	<i>Amblystegium</i>	<i>serpens</i>						
	2	<i>Amblystegium</i>	<i>varium</i>	Tangled Thread Moss		Savage Park	11-Dec-11		
	3	<i>Anomodon</i>	<i>attenuatus</i>	Poodle Moss	on rock	Cascade Trail PVSP	3-Dec-13	equals <i>Hygroamblystegium varium</i>	
	4	<i>Anomodon</i>	<i>rostratus</i>	Yellow Yam Moss	base of trees other substrates	Franciscan Friars	3-Dec-12		
	5	<i>Aphanorhagma</i>	<i>serratum</i>		on rock, soil or bark at base of tree	Henryton PVSP	20-Dec-11		
	6	<i>Atrichum</i>	<i>angustatum</i>	Slender Starburst Moss				Darigo, 2009 paper only	
	7	<i>Atrichum</i>	<i>crispum</i>	Oval Starburst Moss	various -- sometimes semi-dry sites	P,V,S	Western Regional Park	25-Nov-11	Darigo, 2009 paper only
	8	<i>Aulacomnium</i>	<i>heterostichum</i>					Darigo, 2009 paper only	
	9	<i>Aulacomnium</i>	<i>palustre</i>	Ribbed Bog Moss	soil other in acidic marsh borders	P,V,S	Warfields Pond Park	30-Nov-12	
	10	<i>Barbula</i>	<i>convoluta</i>	Bear-claw Moss				Darigo, 2009 paper only	
	11	<i>Barbula</i>	<i>unguiculata</i>					Darigo, 2009 paper only	
	12	<i>Bartramia</i>	<i>pomiformis</i>	Apple Moss	moist rock outcrops	P,V,S	Daniels, PVSP	2-Dec-11	
	13	<i>Brachythecium</i>	<i>acuminatum</i>					Darigo, 2009 paper only	
	14	<i>Brachythecium</i>	<i>oedipodium</i>		bog area base of tree	P,V,S	Franciscan Friars	3-Dec-12	
	15	<i>Brachythecium</i>	<i>plumosum</i>					Darigo, 2009 paper only	
	16	<i>Brachythecium</i>	<i>rutabulum</i>	Rough Foxtail Moss	log	P,V,S	Font Hill Wetland Park	21-Dec-12	
	17	<i>Bryoandersonia</i>	<i>illecebra</i>	Worm Moss	various including disturbed soil	P,V,S	Residence	28-Nov-11	
	18	<i>Bryohaplodcladium</i>	<i>virginianum</i>					Darigo, 2009 paper only	
	19	<i>Bryum</i>	<i>argenteum</i>	Silver Moss	various including sandy soil	P,V,S	Pipeline along Patapsco River	23-Nov-12	
	20	<i>Bryum</i>	<i>caespiticium</i>					Darigo, 2009 paper only	
	21	<i>Bryum</i>	<i>capillare</i>					Darigo, 2009 paper only	
	22	<i>Bryum</i>	<i>pseudotriquetrum</i>					Darigo, 2009 paper only	
	23	<i>Bryum</i>	<i>reedii</i>					Darigo, 2009 paper only	
	24	<i>Buxbaumia</i>	<i>aphylla</i>	Aladdin's Lamp Moss				Darigo, 2009 paper only	
	25	<i>Callicladium</i>	<i>haidanianum</i>	Sword Moss				Darigo, 2009 paper only	
	26	<i>Campyllum</i>	<i>chrysophyllum</i>	Bristle Star Moss				equals <i>Campyliadelphus chrysophyllus</i> Darigo, 2009 paper only	
	27	<i>Campyllum</i>	<i>polygamum</i>	Stiff Star Moss	on rotten log in swamp	P,V,S	David W. Force Park	4-Sep-13	equals <i>Drepanocladus polygamus</i>
	28	<i>Ceratodon</i>	<i>purpureus</i>	Purple Moss	disturbed soil in dry areas	P,V,S	Meadowbrook Park	5-Jan-13	growing in tufts along road side
	29	<i>Climacium</i>	<i>americanum</i>	Lobe-leaved Tree Moss	soil	V	Henryton PVSP	27-May-13	
	30	<i>Dicranella</i>	<i>heteromalla</i>	Fine Hair Moss	soil (often disturbed)	P,V,S	Alpha Ridge Park	18-Dec-12	
	31	<i>Dicranum</i>	<i>fulvum</i>	Boulder Broom Moss	soil over rock	P,V,S	Daniels, PVSP	1-Jul-13	
	32	<i>Dicranum</i>	<i>montanum</i>	Crispy Broom Moss	on logs and base of trees	P,V	Henryton PVSP	18-Nov-13	
	33	<i>Dicranum</i>	<i>scoparium</i>	Windswept Broom Moss	dry and wet areas in woodlands	P	Gorman Park	19-Nov-11	
	34	<i>Diphyscium</i>	<i>foliosum</i>	Nut Moss				Darigo, 2009 paper only	
	35	<i>Ditrichum</i>	<i>lineare</i>					Darigo, 2009 paper only	
	36	<i>Ditrichum</i>	<i>pusillum</i>					Darigo, 2009 paper only	
	37	<i>Entodon</i>	<i>cladorrhizans</i>	Flat Glaze Moss	on rotten log	P,V,S	Schooly Mill Park	3-Dec-11	
	38	<i>Entodon</i>	<i>compressus</i>		on rotten log	P,V,S	Franciscan Friars	3-Dec-12	
	39	<i>Entodon</i>	<i>seductrix</i>	Cord Glaze Moss	on rotten log	P,V,S	Rockburn Branch Park	16-Dec-11	
	40	<i>Eurhynchium</i>	<i>pulchellum</i>	Rug Moss				equals <i>Eurhynchiastrum pulchellum</i> Darigo, 2009 paper only	
	41	<i>Fissidens</i>	<i>bushii</i>		soil over log	P,V,S	Savage Park	11-Dec-11	
	42	<i>Fissidens</i>	<i>dubius</i>	Fan Pocket Moss	various including disturbed soil	P,V,S	Residence	27-Nov-11	equals <i>Fissidens cristatus</i>
	43	<i>Fontinalis</i>	<i>species</i>		aquatic in streams	P,V,S	Zirn Property	4-Dec-12	
	44	<i>Grimmia</i>	<i>pilifera</i>	Hoary Cannikin Moss	on rock	P,V,S	Cascade Trail PVSP	3-Dec-13	growing in tufts on rock
	45	<i>Hedwigia</i>	<i>ciliata</i>	Medusa Moss				Darigo, 2009 paper only	
	46	<i>Hygroamblystegium</i>	<i>tenax</i>					Darigo, 2009 paper only	
	47	<i>Hypnum</i>	<i>imponens</i>	Brocade Moss	various substrates	P,V,S	Daniels, PVSP	2-Dec-11	
	48	<i>Hypnum</i>	<i>linbergii</i>	Pale Plait Moss				Darigo, 2009 paper only	
	49	<i>Isopterygium</i>	<i>tenerum</i>		various substrates	P,V,S	Henryton PVSP	11-Nov-14	
	50	<i>Leptodictyum</i>	<i>humile</i>					Darigo, 2009 paper only	
	51	<i>Leskea</i>	<i>gracilescens</i>	Necklace Chain Moss				Darigo, 2009 paper only	
	52	<i>Leucobryum</i>	<i>albidum</i>	White Moss	sandy soil	P,V,S	Rockburn Branch Park	16-Dec-11	growing in tufts
	53	<i>Leucobryum</i>	<i>glaucum</i>	Pin cushion Moss				Darigo, 2009 paper only	
	54	<i>Mnium</i>	<i>hornum</i>	Lipstick Thyme Moss	moist soil	P,V,S	Schooly Mill Park	4-Dec-11	
	55	<i>Mnium</i>	<i>stellare</i>	Blue Thyme Moss				Darigo, 2009 paper only	
	56	<i>Orthotrichum</i>	<i>ohioense</i>		bark of log	P,V,S	Gorman Park	16-Nov-12	
	57	<i>Orthotrichum</i>	<i>pumillum</i>					Darigo, 2009 paper only	
	58	<i>Orthotrichum</i>	<i>stellatum</i>	Bald Bristle Moss	trunk of living tree	P,V,S	Rockburn Branch Park	16-Dec-11	
	59	<i>Orthotrichum</i>	<i>strangulatum</i>	Shy Bristle Moss	on rock wall	P,V,S	MT. Pleasant	10-Jan-13	

60	<i>Physcomitrium pyriforme</i>	Goblet Moss	soil	P,V,S	Font Hill Wetland Park	10-Mar-13	
61	<i>Plagiomnium ciliare</i>	Saber Tooth Moss	soil edge of stream	P,V,S	Ceder Lane Park	14-Dec-12	equals Plagiomnium affine
62	<i>Plagiomnium cuspidatum</i>	Baby Tooth Moss	soil at base of tree	P,V,S	Warfields Pond Park	30-Nov-12	
63	<i>Plagiomnium medium</i>	Greater Tooth Moss	soil over wet rock or humus	P,V,S	Hugg Thomas WMA	13-Jan-13	
64	<i>Plagiothecium cavifolium</i>	Round Silk Moss					
65	<i>Platygyrium repens</i>	Oil Spill Moss					Darigo, 2009 paper only
66	<i>Pleurozium schreberi</i>	Phoenix Feather Moss					Darigo, 2009 paper only
67	<i>Pogonatum pensilvanicum</i>	Algal Haircap Moss	steep moist mud banks	P,V,S	Daniels, PVSP	8-Aug-14	Darigo, 2009 paper only
68	<i>Pohlia nutans</i>	Copper Wire Moss					Darigo, 2009 paper only
69	<i>Polytrichum commune</i>	Common Haircap Moss	soil	P	Western Regional Park	25-Nov-11	
70	<i>Polytrichum juniperinum</i>	Juniper Haircap Moss					Darigo, 2009 paper only
71	<i>Polytrichum ohioense</i>	Ohio Haircap Moss	soil	P,V,S	Rockburn Branch Park	16-Dec-11	
72	<i>Pseudotaxiphyllum elegans</i>	Sprouting Silk Moss					Darigo, 2009 paper only
73	<i>Rhizomnium punctatum</i>	Red Penny Moss	on stone wall	V,S	Mt. Pleasant	10-Jan-13	
74	<i>Schistidium apocarpum</i>	Prickly Cannikin Moss	on rock	P,V,S	Henryton PVSP	14-Jan-13	old name Grimmia apocarpa
75	<i>Schistidium viride</i>						Darigo, 2009 paper only
76	<i>Sematophyllum adnatum</i>		log	P,V,S	Font Hill Wetland Park	31-Dec-12	
77	<i>Sematophyllum demissum</i>	Curled Scrap Moss					Darigo, 2009 paper only
78	<i>Sphagnum affine</i>						Darigo, 2009 paper only
79	<i>Sphagnum cuspidatum</i>	Longleaf Peat Moss	forest seepage - flat in water	P,V,S	Rockburn Branch Park	16-Dec-11	narrow leaves
80	<i>Sphagnum lescurii</i>		soil margins of creeks & ponds	P,V,S	Warfields Pond Park	30-Nov-12	S. subsecundum var. rufescens
81	<i>Sphagnum palustre</i>	Blunt-leaved Peat Moss	forest seepage	P,V,S	Rockburn Branch Park	16-Dec-11	Hood shaped leaves
82	<i>Sphagnum subsecundum</i>	Cow-horn Peat Moss					Darigo, 2009 paper only
83	<i>Sphagnum tenerum</i>						Darigo, 2009 paper only
84	<i>Steerecleus serrulatus</i>		on rotten log	P,V,S	Schooly Mill Park	4-Dec-11	
85	<i>Thelia hirtella</i>	Train Tracks Moss	soil in very moist forested locations	P	Pigtail Triadelphia Reservoir	14-Nov-11	
86	<i>Thuidium delicatulum</i>	Delicate Fern Moss	shady moist areas	P,V,S	Western Regional Park	25-Nov-11	
87	<i>Tortula humilis</i>	Tiny Tornado Moss					Darigo, 2009 paper only
88	<i>Tortula muralis</i>						Darigo, 2009 paper only
89	<i>Tortula papillosa</i>						Darigo, 2009 paper only
90	<i>Tortula ruralis</i>		cement/rock	P,V,S	Alpha Ridge Park	18-Dec-12	long clear tips on leaves -- not in Darigo, 2009
91	<i>Weissia controversa</i>	Pigtail Moss					Darigo, 2009 paper only

LIVERWORTS

1	<i>Cephalozia catenulata</i>		decaying logs in forest	P,V,S	Font Hill Wetlands Park	31-Dec-12	
2	<i>Cololejeunea biddlecomiae</i>		shaded damp areas bark or rock	V,S	Alpha Ridge Park	18-Dec-12	very tiny leaves <0.5mm
3	<i>Conocephalum conicum</i>	Snake-skin Liverwort	wet areas	P	Gorman Park	19-Nov-11	
4	<i>Dumortiera hirsuta</i>		wet areas	P	Daniels PVSP	2-Dec-11	
5	<i>Frullania eboracensis</i>		tree trunks rarely rocks -- dry areas	P	Houchen Property	2-Apr-10	
6	<i>Lophocolea heterophylla</i>		usually rotten logs with no bark	P,V,S	Hugg Thomas WMA	13-Jan-13	
7	<i>Pallavicinia lyellii</i>		boggy areas -- soil and branches	P,V,S	Zirn Property	4-Dec-12	
8	<i>Porella platyphylla</i>		on rock	P,V,S	Henryton PVSP	20-Dec-11	
9	<i>Riccia bifurca</i>		on mud	P,V	Pigtail Triadelphia Reservoir	15-Nov-13	
10	<i>Riccia cavernosa</i>		on mud	P,V	Pigtail Triadelphia Reservoir	21-Nov-13	
11	<i>Riccia hirta</i>		on mud	S	Pigtail Triadelphia Reservoir	21-Nov-13	
12	<i>Riccia sorocarpa</i>		on mud	P,V	Pigtail Triadelphia Reservoir	15-Nov-13	

Key:
P = photographed
V = voucher of the plant
S = slide voucher

* Darigo, 2009. A county checklist of the mosses of Maryland. *Evansia* 26:193-218

Mosses



Amblystegium serpens



Amblystegium varium



Anomodon attenuatus



Anomodon rostratus



Atrichum angustatum



Atrichum angustatum



Atrichum angustatum with perigonal cups



Aulacomnium palustre



Bartramia pomiformis



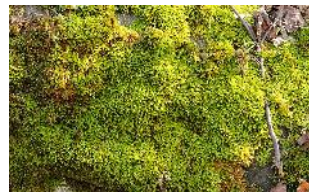
Brachythecium oedipodium



Brachythecium rutabulum



Bryoandersonia illecebra



Bryoandersonia illecebra



Bryum argenteum



Campylium polygamum



Ceratodon purpureus purpureus



Dicranella heteromalla



Dicranium fulvum with Chestnut Bolete



Dicranum montanum



Dicranum scoparium



Entodon cladorrhizans



Entodon compressus



Entodon seductrix



Fissidens bushii



Fissidens dubius



Fortinalis species



Grimmia pilifera



Hypnum imponens



Hypnum imponens



Isoetes tenerum



Leucobryum albidum



Mnium hornum



Orthotrichum ohioense



Orthotrichum stellatum



Orthotrichum strangulatum



Physcomitrium pyriforme



Plagiothecium ciliare



Plagiothecium medium
(male plants)



Plagiomnium cuspidatum



Pogonatum pensilvanicum



Polytrichum ohioense



Polytrichum commune



Schistidium apocarpum



Sematophyllum adnatum



Sphagnum cuspidatum



Sphagnum lescurii



Sphagnum palustre



Steerecleus serrulatus



Thelia hirtella

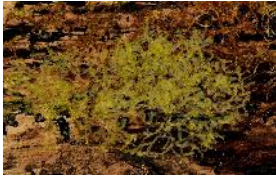


Thuidium delicatulum



Tortula ruralis

Liverworts



Cephalozia catenulata



Conocephalum conicum



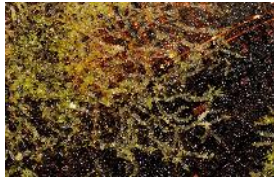
Dumortiera hirsuta



Frullania eboracensis



Frullania eboracensis



Lophocolea heterophylla



Pallavicinia lyellii



Pallavicinia lyellii



Porella platyphylla



Riccia bifurca



Riccia cavernosa



Riccia sorocarpa