

Illustration List for Macrolichens of the Pacific Northwest, 2nd edition (2009)								
Bruce McCune and Linda Geiser, Oregon State University Press								
Genus	species	Illust.	by	Location	Collector	Coll.#	Herb.	Comments
<i>Acrosyphus</i>	<i>sphaerophoroides</i>	featured	McCune	Snohomish Co., WA	Joneson	3801	WTU	
<i>Ahtiana</i>	<i>sphaerosporella</i>	featured	Sharnoff	Whistler Mtn, BC				
<i>Alectoria</i>	<i>imshaugii</i>	featured	Sharnoff	Oregon Dunes				
		drawing	Mikulín					
<i>Alectoria</i>	<i>sarmentosa</i>	featured	McCune	Marion Co., OR	McCune	28553	MCC	
<i>Alectoria</i>	<i>vancouverensis</i>	featured	Sharnoff	Wenatchee NF, WA				
<i>Allantoparmelia</i>	<i>alpicola</i>	featured	McCune	Skamania Co, WA	McCune	24724	MCC	
<i>Alloctetraria</i>	<i>madreporiformis</i>	detail	McCune	Park Co, WY	McCune	19892	MCC	Part of Dactylina collage
<i>Anaptychia</i>	<i>crinalis</i>	featured	McCune	Coos Co, OR	Rosentreter	14148	MCC	
<i>Anaptychia</i>	<i>ulotrichodes</i>	detail	McCune	Beaverhead Co, MT	McCune	20693	MCC	
<i>Arctoparmelia</i>	<i>subcentrifuga</i>	detail	McCune	Missoula Co, MT	McCune	21145	MCC	Below Arctoparmelia key
<i>Aspicilia</i>	<i>hispida</i>	detail	McCune	Lemhi Co, ID	Rosentreter	4518	MCC	Collage below Aspicilia key
<i>Baeomyces</i>	<i>rufus</i>	featured	Droker	Fidalgo I, WA	--	--	--	
<i>Brodoa</i>	<i>oroarctica</i>	featured	Sharnoff	Rockies, CO				
<i>Bryoria</i>	<i>bicolor</i>	detail	McCune	Tillamook Co., OR	McCune	22915	MCC	Inset in key
<i>Bryoria</i>	<i>capillaris</i>	featured	Sharnoff	SE Alaska				
<i>Bryoria</i>	<i>fremontii</i>	featured	Sharnoff	Olympic NP, WA				
<i>Bryoria</i>	<i>friabilis</i>	featured	Sharnoff	Mt. Hood NF, OR				
<i>Bryoria</i>	<i>fuscescens</i>	featured	McCune	Phillips Co, MT	McCune	13375	MCC	
<i>Bryoria</i>	<i>glabra</i>	featured	McCune	Bonner Co, ID	McCune	22338	MCC	
<i>Bryoria</i>	<i>lanestris</i>	detail	McCune	Jackson Co., OR	McCune	29561	MCC	Inset in key
<i>Bryoria</i>	<i>pseudofuscescens</i>	featured	Sharnoff	Wallowa-Whitman NF, OR				
<i>Bryoria</i>	<i>subcana</i>	featured	Sharnoff	Grass Mtn, OR	McCune	20126b	MCC	
<i>Bryoria</i>	<i>tortuosa</i>	featured	McCune	Josephine Co, OR	McCune	24021	MCC	
		detail	McCune	Thurston Co, WA	McCune	24085	MCC	Collage of details, 24021 and 24085
<i>Bryoria</i>	<i>trichodes</i>	featured	McCune	Coos Co, OR	McCune	25507	MCC	
<i>Bunodophoron</i>	<i>melanocarpum</i>	featured	Hutten	Forks, WA	Hutten	1025	MCC	
<i>Caloplaca</i>	<i>coralloides</i>	featured	Sharnoff	Monterey, CA				
		drawing	Mikulín					
<i>Caloplaca</i>	<i>saxicola</i>	photo	McCune	Chouteau Co., MT	McCune	29311	MCC	2-photo collage compares trachyphylla and saxicola
<i>Caloplaca</i>	<i>trachyphylla</i>	photo	McCune	Lewis & Clark Co., MT	McCune	29277	MCC	2-photo collage compares trachyphylla and saxicola
<i>Candelaria</i>	<i>pacifica</i>	featured	McCune	Benton Co., OR	McCune	27800	MCC	
<i>Cavernularia</i>	<i>hultenii</i>	featured	McCune	Marion Co., OR	McCune	26369	MCC	
		drawing	Mikulín					
<i>Cavernularia</i>	<i>lophyrea</i>	featured	McCune	Lincoln Co, OR	McCune	29578	MCC	
<i>Cetraria</i>	<i>californica</i>	featured	Sharnoff	near Mendocino, CA				
<i>Cetraria</i>	<i>chlorophylla</i>	featured	Sharnoff	Shasta-Trinity NF, CA				
<i>Cetraria</i>	<i>ericetorum</i>	featured	Sharnoff	W. of Kamloops, BC				
<i>Cetraria</i>	<i>merrillii</i>	featured	Sharnoff	Siskiyou NF, CA				
<i>Cetraria</i>	<i>orbata</i>	featured	Sharnoff	near Corvallis, OR				
<i>Cetraria</i>	<i>pallidula</i>	featured	Sharnoff	northern Sierra, CA				
<i>Cetraria</i>	<i>platyphylla</i>	featured	Sharnoff	northern Sierra, CA				
<i>Cetraria</i>	<i>subalpina</i>	featured	Sharnoff	Mt Baker-Snoqualmie NF, WA				
<i>Cetrelia</i>	<i>cetrarioides</i>	featured	Sharnoff	Forks, WA				
<i>Cladonia</i>	<i>albonigra</i>	drawing	Mikulín					
<i>Cladonia</i>	<i>artuata</i>	detail	McCune	Lane Co, OR	McCune	22112	MCC	

<i>Cladonia</i>	<i>bellidiflora</i>	featured	Sharnoff	near Sitka, AK				
<i>Cladonia</i>	<i>cariosa</i>	featured	Droker	Discovery Park, Seattle	Droker	26MR08-1	Droker	
<i>Cladonia</i>	<i>carneola</i>	featured	Sharnoff	Mt. Hood NF, OR				
<i>Cladonia</i>	<i>cenotea</i>	featured	Sharnoff	northern BC				
<i>Cladonia</i>	<i>chlorophaea</i>	featured	Sharnoff	near Ottawa, ON				
		drawing	Mikulín	near Ottawa, ON				with <i>C. albonigra</i>
<i>Cladonia</i>	<i>coniocraea</i>	drawing	Mikulín					
<i>Cladonia</i>	<i>cornuta</i>	featured	Sharnoff					
		drawing	Mikulín					
<i>Cladonia</i>	<i>ecmocyna</i>	featured	Sharnoff	Manning Prov. Park, BC				
<i>Cladonia</i>	<i>fimbriata</i>	featured	Sharnoff	Rockies, CO				
		drawing	Mikulín					with <i>C. albonigra</i>
<i>Cladonia</i>	<i>furcata</i>	featured	Sharnoff	Olympic NF near Solduc R.				
<i>Cladonia</i>	<i>gracilis</i>	drawing	Mikulín					Inset in key
<i>Cladonia</i>	<i>japonica</i>	detail	McCune	Lane Co, OR	McCune	24496	MCC	Inset in key
<i>Cladonia</i>	<i>macrophyllodes</i>	featured	Sharnoff	Rockies, CO				
<i>Cladonia</i>	<i>mitis</i>	featured	Sharnoff	N. shore Lake Superior, ON				
<i>Cladonia</i>	<i>multiformis</i>	detail	McCune	Lake Co, MT	McCune	9538	MCC	
<i>Cladonia</i>	<i>norvegica</i>	featured	McCune	Lane Co, OR and Tillamook Co, OR	Neitlich and McCune	Site 1 and 22877	MCC	
<i>Cladonia</i>	<i>ochrochlora</i>	featured	Sharnoff	Wells Gray Park, BC				Original photo ID'd as <i>C. coniocraea</i>
		drawing	Mikulín					Inset in key
<i>Cladonia</i>	<i>phyllophora</i>	featured	Sharnoff	Mt. Hood NF, OR				
<i>Cladonia</i>	<i>pleurota</i>	drawing	Mikulín					Inset in key
<i>Cladonia</i>	<i>portentosa</i>	featured	Sharnoff	near Mendocino, CA				
<i>Cladonia</i>	<i>pyxidata</i>	featured	Sharnoff	near Arcata, CA				
		drawing	Mikulín					with <i>C. albonigra</i>
<i>Cladonia</i>	<i>rangiferina</i>	featured	Sharnoff	near Anchorage, AK				
<i>Cladonia</i>	<i>squamosa</i>	featured	Sharnoff	Mt Baker-Snoqualmie NF, WA				
<i>Cladonia</i>	<i>stygia</i>	detail	McCune	Seward Pen., AK	McCune	26373	MCC	Inset in key
<i>Cladonia</i>	<i>subulata</i>	detail	McCune	Gallatin Co, MT	McCune	15712	MCC	Inset in key
<i>Cladonia</i>	<i>sulphurina</i>	featured	Sharnoff	N. shore Lake Superior, ON				
<i>Cladonia</i>	<i>transcendens</i>	featured	Riley					
<i>Cladonia</i>	<i>umbricola</i>	featured	McCune	Sanders Co., MT	McCune	29006	MCC	
<i>Cladonia</i>	<i>verruculosa</i>	featured	Sharnoff	Olympic NF, WA				
<i>Cladonia</i>	<i>verticillata</i>	featured	Sharnoff	Manning Prov. Park, BC				
<i>Coelocaulon</i>	<i>aculeatum</i>	featured	Sharnoff	west of Kamloops, BC				purple, individual looks more like <i>muricatum</i>
		drawing	Mikulín					
<i>Coelocaulon</i>	<i>muricatum</i>	drawing	Mikulín					
<i>Collema</i>	<i>curtisporum</i>	feat/draw	Mikulín					
<i>Collema</i>	<i>furfuraceum</i>	featured	Sharnoff	Kenai Peninsula, AK				
<i>Collema</i>	<i>nigrescens</i>	featured	Sharnoff	N of San Francisco, CA				
		drawing	Mikulín					Spores on page with <i>C. curtisporum</i>
<i>Cornicularia</i>	<i>normoerica</i>	featured	Sharnoff	Olympic NP, WA				
<i>Dactylina</i>	<i>arctica</i>	detail	McCune	Nome, AK	McCune	27559	MCC	Part of <i>Dactylina</i> collage
<i>Dactylina</i>	<i>ramulosa</i>	detail	McCune	Wells Gray, BC	McCune	21900b	MCC	Part of <i>Dactylina</i> collage
<i>Dendriscoaulon</i>		featured	McCune	Douglas Co, OR	McCune	26074	MCC	
<i>Dermatocarpon</i>	<i>meiophyllizum</i>	featured	McCune	Clackamas Co., OR	McCune	21998	MCC	replaces <i>D. luridum</i>
<i>Dermatocarpon</i>	<i>miniatum</i>	featured	McCune	Granite Co., MT	McCune	6523	MCC	
<i>Dermatocarpon</i>	<i>reticulatum</i>	featured	Sharnoff	Sierra Nevada, CA				

		drawing	Mikulin					
<i>Erioderma</i>	<i>pedicellatum</i>	detail	Nelson	Denali NP, AK	Nelson	07-800	DNP	Inset in key to genera
<i>Erioderma</i>	<i>sorediatum</i>	featured	Hutten	Jefferson Co, WA	Hutten	7876	OLY?	
<i>Esslingeriana</i>	<i>idahensis</i>	featured	Sharnoff	near Willits, CA				
<i>Evernia</i>	<i>divaricata</i>	detail	McCune	Lake Co, MT	McCune	29538	MCC	
<i>Evernia</i>	<i>mesomorpha</i>	detail	McCune	Fergus Co, MT	McCune	29374	MCC	
<i>Evernia</i>	<i>prunastri</i>	featured	Sharnoff	Shasta-Trinity NF, CA				
<i>Flavopunctelia</i>	<i>flaventior</i>	detail	McCune	Boulder Co., CO	McCune	21588	MCC	with <i>F. soredica</i>
<i>Flavopunctelia</i>	<i>soredica</i>	detail	McCune	McCone Co., MT	McCune	29338	MCC	With <i>F. flaventior</i>
<i>Fuscopannaria</i>	<i>aurita</i>	featured	McCune	Douglas Co, OR	McCune	26982	MCC	In 1st ed. as <i>F. praetermissa</i>
<i>Fuscopannaria</i>	<i>californica</i>	detail	McCune	Clearwater, BC	Tonsberg	26316	BG	Bottom of key
<i>Fuscopannaria</i>	<i>cheiroloba</i>	detail	McCune	Similkameen & Pasayten BC	Goward	85-111	BG	Inset in key
<i>Fuscopannaria</i>	<i>confusa</i>	detail	McCune	Juneau AK	Tonsberg	27530	BG	Inset in key
<i>Fuscopannaria</i>	<i>coralloidea</i>	detail	McCune	Douglas Co, OR	McCune	25786	MCC	Inset in key
<i>Fuscopannaria</i>	<i>cyanolepra</i>	detail	McCune	Benton Co, OR	Ponzetti	1034	MCC	Inset in key
<i>Fuscopannaria</i>	<i>leprosa</i>	detail	McCune	Douglas Co, OR	McCune	26286	MCC	With Moelleropsis in collage for key
<i>Fuscopannaria</i>	<i>leucostictoides</i>	featured	McCune	Del Norte Co., CA	McCune	27267	MCC	
<i>Fuscopannaria</i>	<i>maritima</i>	detail	McCune	Lane Co, OR	McCune	26297	MCC	Inset in key
<i>Fuscopannaria</i>	<i>mediterranea</i>	detail	McCune	Vancouver I, BC	Tonsberg	12554	BG	Inset in key
<i>Fuscopannaria</i>	<i>pacifica</i>	featured	McCune	Josephine Co, OR	McCune	18424	MCC	in old edition as <i>Pannaria saubinetii</i>
<i>Fuscopannaria</i>	<i>praetermissa</i>	detail	McCune	Madison Co, MT	McCune	27153	MCC	Inset in key
<i>Fuscopannaria</i>	<i>pulveracea</i>	detail	McCune	Benton Co, OR	McCune	20063	MCC	Inset in key
<i>Fuscopannaria</i>	<i>ramulina</i>	detail	McCune	Juneau, AK	Tonsberg	27688	BG	Inset in key
<i>Fuscopannaria</i>	<i>thiersii</i>	detail	McCune	Josephine Co, OR	McCune	28693	MCC	Inset in key
<i>Heterodermia</i>	<i>leucomela</i>	featured	McCune	Curry Co, OR	Rosentreter	10039	MCC	
<i>Heterodermia</i>	<i>sitchensis</i>	featured	Droker	Tillamook Co, OR	McHenry-Teller		WTU	
<i>Hypogymnia</i>	<i>apinnata</i>	featured	Sharnoff	near Haines, AK				
<i>Hypogymnia</i>	<i>austerodes</i>	featured	Sharnoff	near Tok, AK (interior AK)				
<i>Hypogymnia</i>	<i>canadensis</i>	featured	McCune	Mt. Bell/Irving area, BC	Goward	95-582	UBC	
<i>Hypogymnia</i>	<i>duplicata</i>	featured	Sharnoff	near Haines, AK				
<i>Hypogymnia</i>	<i>enteromorpha</i>	featured	Sharnoff	near Haines, AK				
<i>Hypogymnia</i>	<i>heterophylla</i>	featured	Sharnoff	near Arcata, CA				
<i>Hypogymnia</i>	<i>imshaugii</i>	featured	Sharnoff	near Metolius River, OR				
<i>Hypogymnia</i>	<i>inactiva</i>	featured	Sharnoff	near Mendocino, CA				
<i>Hypogymnia</i>	<i>metaphysodes</i>	featured	Sharnoff	Manning Prov. Park, BC				
<i>Hypogymnia</i>	<i>occidentalis</i>	featured	McCune	Wheeler Co., OR	McCune	28304	MCC	Detail of perforate lobe and KC+R
<i>Hypogymnia</i>	<i>physodes</i>	featured	Sharnoff	Willamette NF, OR				
		drawing	Mikulin					
<i>Hypogymnia</i>	<i>pulverata</i>	featured	McCune	SE Alaska	Boucher	377000211-5	?	
<i>Hypogymnia</i>	<i>rugosa</i>	featured	Sharnoff	Mt. Hood NF, OR				
<i>Hypogymnia</i>	<i>tubulosa</i>	featured	Sharnoff	Gifford Pinchot NF, WA				
<i>Hypogymnia</i>	<i>vittata</i>	drawing	Mikulin					
<i>Hypotrachyna</i>	<i>revoluta</i>	featured	McCune	Marion Co., OR	Kofranek	2541	OSC	With inset of detail of rhizines
<i>Hypotrachyna</i>	<i>riparia</i>	featured	McCune	Linn Co., OR	McCune	23034	MCC	With inset of detail of rhizines
<i>Hypotrachyna</i>	<i>sinuosa</i>	featured	Sharnoff	Gifford Pinchot NF, WA				
		drawing	Mikulin					
<i>Imshaugia</i>	<i>aleurites</i>	detail	McCune	Missoula Co, MT	McCune	21157	MCC	
<i>Koerberia</i>	<i>sonomensis</i>	featured	McCune	Jefferson Co, OR	McCune	22954	MCC	
<i>Lasallia</i>	<i>pennsylvanica</i>	detail	McCune	Warren Co., NY	Schmitt	6956	MCC	

<i>Leioderma</i>	<i>sorediatum</i>	featured	Sharnoff	Oregon Dunes, OR				
<i>Lempholemma</i>	<i>cladodes</i>	detail	McCune	Park Co., WY	Aho	215	MONT	
<i>Leptochidium</i>	<i>albociliatum</i>	featured	Sharnoff	near Willits, CA				
		detail	McCune	Crook Co., OR	McCune	20368	MCC	Detail of cortical hairs
<i>Leptogium</i>	<i>cyanescens</i>	featured	McCune	Lane Co, OR	Sundberg	726	OSC	
<i>Leptogium</i>	<i>lichenoides</i>	featured	Sharnoff	near Princeton, BC				
		drawing	Mikulín					
<i>Leptogium</i>	<i>palmatum</i>	featured	Sharnoff	Six Rivers NF, CA				
		drawing	Mikulín					Inset in key
<i>Leptogium</i>	<i>platynum</i>	detail	McCune	Lane Co, OR	Kofranek	1540	OSC	Inset in key
<i>Leptogium</i>	<i>polycarpum</i>	featured	Sharnoff	near Forks, WA				
<i>Leptogium</i>	<i>rivale</i>	featured	McCune	Marion Co, OR Lane Co, OR	McCune	28412 18671	MCC	
<i>Leptogium</i>	<i>saturninum</i>	featured	Sharnoff	near Portage, AK				
<i>Leptogium</i>	<i>teretiusculum</i>	featured	McCune	Wells Gray Park, BC	Rosentreter	6270	MCC	
<i>Leptogium</i>	<i>turgidum</i>							
<i>Letharia</i>	<i>columbiana</i>	featured	Sharnoff	near Metolius River, OR				
<i>Letharia</i>	<i>gracilis</i>	featured	McCune	Siskiyou Co, CA	McCune	26985 and 27031	OSC	
<i>Letharia</i>	<i>vulpina</i>	featured	McCune	Jackson Co, OR	McCune	29552	MCC	
<i>Lichenomphalia</i>		detail	Droker	Skagit Co, WA	---	---	---	Under Key A in introductory key
<i>Lobaria</i>	<i>hallii</i>	featured	Sharnoff	Olympic NP, WA				
		drawing	Mikulín					
<i>Lobaria</i>	<i>linita</i>	featured	Sharnoff	unknown				
<i>Lobaria</i>	<i>oregana</i>	featured	Sharnoff	Willamette NF, OR				
<i>Lobaria</i>	<i>pulmonaria</i>	featured	Sharnoff	N. shore Lake Superior, ON				
<i>Lobaria</i>	<i>scrobiculata</i>	featured	Sharnoff	Gifford Pinchot NF, WA				
<i>Loxosporopsis</i>	<i>corallifera</i>	drawing	Mikulín					
<i>Massalongia</i>	<i>carnosa</i>	featured	McCune	Missoula Co., MT	McCune	9994	MCC	
<i>Melanelia</i>	<i>hepatizon</i>	drawing	Mikulín					Moved from Cetraria to Melanelia
<i>Melanelixia</i>	<i>fuliginosa</i>	featured	McCune	Benton Co., OR	McCune	26325	MCC	
		detail	McCune	Benton Co., OR	McCune	26325	MCC	isidia
		drawing	Mikulín					
<i>Melanelixia</i>	<i>subaurifera</i>	featured	Sharnoff	N. shore Lake Superior, ON				
		drawing	Mikulín					
<i>Melanohalea</i>	<i>elegantula</i>	featured	McCune	Benton Co., OR	McCune	26327	MCC	With isidia detail of 26327 and 27407
		drawing	Mikulín					
<i>Melanohalea</i>	<i>exasperatula</i>	featured	McCune	Ravalli Co, MT	McCune	11340	MCC	
		drawing	Mikulín					
<i>Melanohalea</i>	<i>multispora</i>	featured	Sharnoff	Metolius River, OR				
		drawing	Mikulín					
<i>Melanohalea</i>	<i>subelegantula</i>	featured	McCune	Jefferson Co., OR	McCune	24108	MCC	
		drawing	Mikulín					
<i>Melanohalea</i>	<i>subolivacea</i>	featured	Sharnoff	Mt. Hood NF, OR				
<i>Menegazzia</i>	<i>subs similis</i>	featured	Sharnoff	near Forks, WA				
		detail	McCune	Tillamook Co., OR	McCune	23863	MCC	In collage with M. terebrata, soralia
<i>Menegazzia</i>	<i>terebrata</i>	detail	McCune	Marion Co., OR	McCune	27365	MCC	M. terebrata sens. str. not in 1st ed.
<i>Moelleropsis</i>	<i>nebulosa</i>	detail	McCune	Trinity Co, CA	Peterson	4396	MCC	In Fuscopannaria key, combined with F. leprosa, det. P. M. Jorgensen
<i>Multiclavula</i>	<i>corynoides</i>	photo	McCune	Benton Co., OR	McCune	26853	MCC	Under Key A in introductory key
<i>Nephroma</i>	<i>bellum</i>	featured	Sharnoff	La Salle Lakes, northern BC				

<i>Nephroma</i>	<i>helveticum</i>	featured	Sharnoff	Siskyou NF, CA				
<i>Nephroma</i>	<i>laevigatum</i>	featured	Sharnoff	Vancouver Is., BC				
<i>Nephroma</i>	<i>occultum</i>	featured	Sharnoff	near Haines, AK				
<i>Nephroma</i>	<i>parile</i>	featured	McCune	Umatilla Co., OR	McCune	27450	MCC	
		detail	McCune	Umatilla Co., OR	McCune	27450	MCC	
<i>Nephroma</i>	<i>resupinatum</i>	featured	Sharnoff	Lassen NF, CA				
		detail	McCune	Idaho Co, ID	McCune	10154	MCC	Inset in key; detail of papillae
<i>Niebla</i>	<i>cephalota</i>	featured	McCune	Tillamook Co, OR	McCune	26252	MCC	
		detail	McCune	San Luis Obispo Co., CA	McCune	28582	MCC	Detail: crystals developing after storage
<i>Nodobryoria</i>	<i>abbreviata</i>	featured	Sharnoff	Coast Ra. E of Mendocino, CA				
		drawing	Mikulin					
<i>Nodobryoria</i>	<i>oregana</i>	featured	Sharnoff	Manning Prov. Park, BC				
		detail	McCune		Rambo	s.n.	?	LM photo of cortex
<i>Pannaria</i>	<i>rubiginosa</i>	featured	McCune	Lane Co., OR	McCune	22116	MCC	
<i>Parmelia</i>	<i>hygrophila</i>	featured	McCune	Wheeler Co, OR	McCune	29616	MCC	
		drawing	Mikulin					
<i>Parmelia</i>	<i>pseudosulcata</i>	featured	Sharnoff	near Haines, AK				
		drawing	Mikulin					
<i>Parmelia</i>	<i>saxatilis</i>	featured	Sharnoff	N. shore Lake Superior, ON				
<i>Parmelia</i>	<i>squarrosa</i>	feat/draw	Mikulin					
<i>Parmelia</i>	<i>sulcata</i>	featured	McCune	Benton Co., OR	McCune	28065	MCC	
<i>Parmeliella</i>	<i>parvula</i>	detail	McCune	Douglas Co, OR	Rosso	357	MCC	Inset in Fuscopannaria key
<i>Parmelina</i>	<i>coleae</i>	featured	McCune	Merlin, OR	Morgan	31-Jul-96	OSC	
<i>Parmeliopsis</i>	<i>ambigua</i>	featured	McCune	Fergus Co, MT	McCune	29387	MCC	
<i>Parmeliopsis</i>	<i>hyperopta</i>	featured	Sharnoff	Mt Hood NF, OR				
<i>Parmotrema</i>	<i>arnoldii</i>	featured	Sharnoff	Vancouver Is., BC				
<i>Parmotrema</i>	<i>chinense</i>	featured	Sharnoff	near Arcata, CA				
<i>Parmotrema</i>	<i>crinitum</i>	featured	Sharnoff	Lopez Is., WA				
		detail	McCune	Lincoln Co., OR	McCune	26276	MCC	Ciliate isidia
<i>Peltigera</i>	<i>aphthosa</i>	feat/draw	Mikulin					
<i>Peltigera</i>	<i>britannica</i>	featured	Sharnoff	near Juneau, AK				
		drawing	Mikulin					
<i>Peltigera</i>	<i>canina</i>	featured	Sharnoff	missing				
		drawing	Mikulin					
		detail	McCune	Union Co, OR	McCune	20267	MCC	Lower surface detail for canina collage
<i>Peltigera</i>	<i>cinnamomea</i>	detail	McCune	Lake Co, MT	McCune	29133	MCC	Lower surface detail for cinnamomea collage
<i>Peltigera</i>	<i>collina</i>	featured	Sharnoff	Mt Baker-Snoqualmie NF, WA				
		detail	McCune	Siskiyou Co, OR	McCune	27012a	MCC	Lower surface detail for polydactylon group collage
<i>Peltigera</i>	<i>degenii</i>	detail	McCune	Douglas Co, OR	Rosso	850	MCC	Lower surface detail for polydactylon group collage
<i>Peltigera</i>	<i>didactyla</i>	featured	Sharnoff	near Kamloops, BC				
		detail	McCune	Sandoval Co, NM	McCune	23738	MCC	Lower surface detail for cinnamomea collage
<i>Peltigera</i>	<i>elisabethae</i>	featured	Sharnoff	N. shore Lake Superior, ON				
		detail	McCune	Fergus Co, MT	McCune	29429	MCC	Lower surface detail for polydactylon group collage
<i>Peltigera</i>	<i>extenuata</i>	detail	McCune	Skamania Co, WA	McCune	23806	MCC	Lower surface detail for cinnamomea collage
<i>Peltigera</i>	<i>hydrothyria</i>	featured	Sharnoff	Willamette NF, OR				
<i>Peltigera</i>	<i>hymenina</i>	detail	McCune	Lincoln Co, OR	McCune	26281	MCC	Lower surface detail for polydactylon group collage
<i>Peltigera</i>	<i>kristinssonii</i>	detail	McCune	Harney Co, OR	McCune	22465	MCC	Lower surface detail for cinnamomea collage
		detail	McCune	Ravalli Co, MT	McCune	12635	MCC	Inset in key; scabrous upper surface
<i>Peltigera</i>	<i>leucophlebia</i>	featured	Sharnoff	northern BC				
<i>Peltigera</i>	<i>malacea</i>	featured	Sharnoff	Wells Gray Prov Park, BC				

		detail	McCune	Gallatin Co, MT	McCune	29206	MCC	Lower surface detail for polydactylon group collage
		detail	McCune	Gallatin Co, MT	McCune	29206	MCC	Upper surface detail (tomentum); inset in key
<i>Peltigera</i>	<i>membranacea</i>	featured	Sharnoff	near Sitka, AK				
		drawing	Mikulín					
		detail	McCune	Douglas Co, OR	McCune	24607	MCC	Lower surface detail for canina group collage
<i>Peltigera</i>	<i>neckeri</i>	featured	McCune	Flathead Co, MT	McCune	9625	MCC	Lower surface detail for polydactylon group collage
<i>Peltigera</i>	<i>neopolydactyla</i>	featured	Sharnoff	missing				
		detail	McCune	Benton Co, OR	McCune	26873	MCC	Lower surface detail for polydactylon group collage
		drawing	Mikulín					
<i>Peltigera</i>	<i>pacifica</i>	featured	Sharnoff	Oregon Dunes, OR				
		detail	McCune	Douglas Co, OR	McCune	26873	MCC	Lower surface detail for polydactylon group collage
<i>Peltigera</i>	<i>polydactylon</i>	detail	McCune	Nome, AK	McCune	26434	MCC	Lower surface detail for polydactylon group collage
<i>Peltigera</i>	<i>ponojensis</i>	featured	Sharnoff	Trinity NF, CA				
		detail	McCune	Benton Co, WA	Ponzetti	998	MCC	Lower surface detail for canina group collage
<i>Peltigera</i>	<i>praetextata</i>	featured	McCune	Madison Co, MT	McCune	27156	MCC	Photo collage with two specimens
			McCune	Douglas Co, OR	McCune	25728	MCC	Photo collage with two specimens
		drawing	Mikulín					
		detail	McCune	Douglas Co, OR	McCune	25728	MCC	Lower surface detail for canina group collage
<i>Peltigera</i>	<i>retifoveata</i>	detail	McCune	Canadian RM, Alberta	McCune	22518	MCC	Lower surface detail for cinnamomea collage
<i>Peltigera</i>	<i>rufescens</i>	featured	McCune	Skagit Co, WA	McCune	28936	MCC	
		detail	McCune	Deschutes Co., OR	McCune	24692	MCC	Lower surface detail for cinnamomea collage
<i>Peltigera</i>	<i>venosa</i>	featured	Sharnoff	Wenatchee NF, WA				
<i>Peltula</i>	<i>euploca</i>	featured	McCune	Jefferson Co, OR	McCune	23075	MCC	
<i>Phaeophyscia</i>	<i>decolor</i>	featured	Sharnoff	Willamette NF, OR				
<i>Phaeophyscia</i>	<i>hirsuta</i>	detail	McCune	Valley Co, MT	McCune	29334a	MCC	LM section for comparison, on Physciella page
		detail	McCune	Valley Co, MT	McCune	29334a	MCC	
<i>Phaeophyscia</i>	<i>nigricans</i>	detail	McCune	Lewis & Clark Co, MT	McCune	29287	MCC	
<i>Phaeophyscia</i>	<i>orbicularis</i>	featured	McCune	Teton Co, MT	McCune	15257	MCC	
<i>Phaeophyscia</i>	<i>sciastra</i>	featured	McCune	Ravalli Co, MT	McCune	11426	MCC	
<i>Physcia</i>	<i>adscendens</i>	featured	Sharnoff	near Ottawa, ON				
		detail	McCune	McCone Co., MT	McCune	29320	MCC	Detail of lobe tips
<i>Physcia</i>	<i>aipolia</i>	featured	McCune	Douglas Co, OR	Rosso	776	MCC	
<i>Physcia</i>	<i>biziana</i>	featured	Sharnoff	Rocky Mtns, CO				
<i>Physcia</i>	<i>caesia</i>	featured	Sharnoff	N. shore Lake Superior, ON				
<i>Physcia</i>	<i>dimidiata</i>	featured	Sharnoff	near Merritt, BC				
<i>Physcia</i>	<i>magnussonii</i>	detail	McCune	Missoula Co, MT	McCune	21156	MCC	Bottom of key
<i>Physcia</i>	<i>tenella</i>	featured	McCune	Benton Co, OR	McCune	29564	MCC	
<i>Physciella</i>	<i>chloantha</i>	detail	McCune	Lewis & Clark Co	McCune	29288	MCC	Physciella genus page
<i>Physciella</i>	<i>melanchra</i>	detail	McCune	Valley Co, MT	McCune	29334b	MCC	Detail of lower cortex in LM with Ph. hirsuta
<i>Physconia</i>	<i>americana</i>	detail	McCune	Jackson Co, OR	McCune	29560	MCC	Inset in key
<i>Physconia</i>	<i>enteroxantha</i>	featured	McCune	Flathead Co., MT	McCune	14271	MCC	
		detail	McCune	Benton Co., WA	McCune	23929	MCC	
<i>Physconia</i>	<i>muscigena</i>	featured	Sharnoff	west of Kamloops, BC				
<i>Physconia</i>	<i>perisidiosa</i>	featured	Sharnoff	OR specimen from B. McCune	McCune			
		detail	McCune	Yakima Co., WA	McCune	27405	MCC	
<i>Pilophorus</i>	<i>acicularis</i>	featured	Sharnoff	near Mohler, OR				
<i>Pilophorus</i>	<i>clavatus</i>	featured	Sharnoff	Willamette NF, OR				
<i>Pilophorus</i>	<i>nigricaulis</i>	featured	Sharnoff	Vancouver Is., BC				
<i>Platismatia</i>	<i>glauca</i>	featured	Sharnoff	Metolius River, OR				
<i>Platismatia</i>	<i>herrei</i>	featured	Sharnoff	Whidbey Is, WA				

<i>Platismatia</i>	<i>lacunosa</i>	featured	Sharnoff	Sitka, AK				
<i>Platismatia</i>	<i>norvegica</i>	featured	Sharnoff	Sitka, AK				
<i>Platismatia</i>	<i>stenophylla</i>	featured	Sharnoff	near Randle, WA				
<i>Polychidium</i>	<i>contortum</i>	detail	McCune	Olympic NP, WA	Walton	2075	OLY	in Polychidium key
<i>Polychidium</i>	<i>musciicola</i>	featured	Sharnoff	Trinity NF, CA				
<i>Protopannaria</i>	<i>pezizoides</i>	drawing	Mikulín					Inset in Fuscopannaria key
<i>Pseudephebe</i>	<i>minuscula</i>	detail	McCune	N Cascades, WA	McCune	28927	MCC	Place on page with key to Pseudephebe
<i>Pseudephebe</i>	<i>pubescens</i>	featured	Sharnoff	Siskiyou NF, CA				
<i>Pseudocyphellaria</i>	<i>anomala</i>	featured	Sharnoff	Shasta-Trinity NF, CA				
<i>Pseudocyphellaria</i>	<i>anthraspis</i>	featured	Sharnoff	Gifford Pinchot NF, WA				
<i>Pseudocyphellaria</i>	<i>crocata</i>	featured	Sharnoff	Oregon Dunes, OR				
<i>Pseudocyphellaria</i>	<i>mallota</i>	featured	Hutten	Clallam Co, WA	Hutten	3703 & 3304	OLY	
<i>Pseudocyphellaria</i>	<i>perpetua</i>	featured	McCune	Gwynn Cr, OR	McCune	25752	MCC	isotype
<i>Pseudocyphellaria</i>	<i>rainierensis</i>	featured	Sharnoff	Gifford Pinchot NF, WA				
<i>Psoroma</i>	<i>hypnorum</i>	drawing	Mikulín					Inset in Fuscopannaria key
<i>Punctelia</i>	<i>perreticulata</i>	featured	McCune	Benton Co, OR	McCune	29576	MCC	
<i>Ramalina</i>	<i>dilacerata</i>	featured	Sharnoff	Juneau, AK				
<i>Ramalina</i>	<i>farinacea</i>	featured	Sharnoff	Plumas NF, northern Sierra,				
<i>Ramalina</i>	<i>menziesii</i>	featured	Sharnoff	near Monterey, CA				
<i>Ramalina</i>	<i>pollinaria</i>	featured	Sharnoff	near Arcata, CA				
<i>Ramalina</i>	<i>roesleri</i>	featured	Sharnoff	Vancouver Is., BC				
<i>Ramalina</i>	<i>subleptocarpha</i>	featured	Sharnoff	OSU campus	McCune	22569	?	
<i>Ramalina</i>	<i>thrausta</i>	featured	Sharnoff	Wells Gray Prov Park, BC				
		detail	McCune	Latah Co., ID	McCune	25245	MCC	Placed in collage with Sharnoff photo
<i>Rhizoplaca</i>	<i>chrysoleuca</i>	featured	Sharnoff	Craters of the Moon Nat Mon,				
<i>Rhizoplaca</i>	<i>melanophthalma</i>	featured	Sharnoff	Los Padres NF, southern CA				
<i>Rhizoplaca</i>	<i>peltata</i>	detail	McCune	Broadwater Co, MT	McCune	29189	MCC	
<i>Solorina</i>	<i>crocea</i>	featured	Sharnoff	Olympic NP, WA				
<i>Sphaerophorus</i>	<i>tuckermanii</i>	featured	Sharnoff	Olympic NP, WA				
		detail	McCune	Douglas Co., OR	McCune	29507	MCC	
<i>Sphaerophorus</i>	<i>venerabilis</i>	featured	McCune	Douglas Co., OR	McCune	29508	MCC	
<i>Stereocaulon</i>	<i>grande</i>	drawing	Mikulín					
<i>Stereocaulon</i>	<i>spathuliferum</i>	featured	McCune	Linn Co., OR	McCune	22693	MCC	
<i>Stereocaulon</i>	<i>sterile</i>	featured	Sharnoff	Lukens Cr, OR				
<i>Stereocaulon</i>	<i>tomentosum</i>	featured	Sharnoff	Mt Hood NF, OR				
<i>Stereocaulon</i>	<i>vesuvianum</i>	featured	Sharnoff	near Valdez, AK				
		drawing	Mikulín					
<i>Sticta</i>	<i>arctica</i>	featured	McCune	Clatsop Co, OR	Derr	881	MCC	
<i>Sticta</i>	<i>fuliginosa</i>	featured	Sharnoff	north of San Francisco, CA				
<i>Sticta</i>	<i>limbata</i>	featured	Sharnoff	Gifford Pinchot NF, WA				
<i>Sticta</i>	<i>weigeli</i>	featured	Sharnoff	Olympic NP, WA				
<i>Sulcaria</i>	<i>badia</i>	featured	McCune	Benton Co., OR	McCune	23709	MCC	Collage with branches from 3 specimens
			McCune	Coos Co., OR	Rosentreter	8370	MCC	
			McCune	Douglas Co., OR	Rosentreter	13302	MCC	
<i>Teloschistes</i>	<i>contortuplicatus</i>	detail	McCune	Beaverhead Co, MT	McCune	20797	MCC	
<i>Teloschistes</i>	<i>flavicans</i>	featured	Sharnoff	Channel Is, near Sta Barbara				
<i>Thamnotia</i>	<i>subuliformis</i>	drawing	Mikulín					
		detail	McCune	Flathead Co, MT	McCune	14419	MCC	UV; with <i>T. vermicularis</i>
<i>Thamnotia</i>	<i>vermicularis</i>	featured	Sharnoff	Olympic NP, WA				
		detail	McCune	Linn Co., OR	McCune	18478	MCC	UV; with <i>T. subuliformis</i>

<i>Tholurna</i>	<i>dissimilis</i>	featured	Sharnoff	BC	Goward			
		detail	McCune	Trout L., WA	Ruchty	THD1_3_06	MCC	
<i>Umbilicaria</i>	<i>americana</i>	featured	Sharnoff	near Sunbeam, ID				
		drawing	Mikulin					Rhizines
<i>Umbilicaria</i>	<i>angulata</i>	detail	McCune	Siskiyou Co, CA	McCune	12483	MCC	Apothecial disk detail in collage
<i>Umbilicaria</i>	<i>cylindrica</i>	featured	Sharnoff	near Paxon, AK (interior AK)				
		detail	McCune	North Cascades, WA	McCune	28921	MCC	Apothecial disk detail in collage
<i>Umbilicaria</i>	<i>deusta</i>	featured	Hutten	Okanogan Co, WA	Hutten	10399	OLY	
<i>Umbilicaria</i>	<i>havaasii</i>	featured	Hutten	??	Hutten	10429	OLY	
<i>Umbilicaria</i>	<i>hirsuta</i>	featured	McCune	Jackson Co., OR	Kofranek	2097	OSC	
<i>Umbilicaria</i>	<i>hyperborea</i>	featured	Sharnoff	Olympic NP, WA				
<i>Umbilicaria</i>	<i>krascheninnikovii</i>	featured	Sharnoff	Rocky Mtns, CO				
		detail	McCune	Bighorn Co., WY	McCune	12483	MCC	Apothecial disk detail in collage
<i>Umbilicaria</i>	<i>lambii</i>	detail	McCune	Lewis Co, WA	Riley	1005	MCC	Apothecial disk detail in collage
<i>Umbilicaria</i>	<i>phaea</i>	featured	Sharnoff	Salmon River, ID				
<i>Umbilicaria</i>	<i>phaea</i> var. <i>coccinea</i>	featured	McCune	Siskiyou Co, CA	McCune	18871	MCC	
<i>Umbilicaria</i>	<i>polyphylla</i>	featured	Sharnoff	Coast Ra. E of Mendocino, CA				
<i>Umbilicaria</i>	<i>proboscidea</i>	detail	McCune	N Cascades, WA	McCune	28963	MCC	Apothecial disk detail in collage
<i>Umbilicaria</i>	<i>torrefacta</i>	featured	Sharnoff	unknown	McCune	?	?	Lower surface somewhat atypical
<i>Umbilicaria</i>	<i>vellea</i>	feat/draw	Mikulin					
<i>Umbilicaria</i>	<i>virginis</i>	featured	Sharnoff	Rocky Mtns, CO				
<i>Usnea</i>	<i>cavernosa</i>	detail	McCune	Douglas Co., OR	McCune	27737	MCC	Inset in key
<i>Usnea</i>	<i>ceratina</i>	detail	McCune	Del Norte Co, CA	McCune	28663	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>chaetophora</i>	detail	McCune		Ulrich	NV3200	SNF	Longi-sxn comparison plate
<i>Usnea</i>	<i>cornuta</i>	featured	McCune	Lincoln Co., OR	McCune	29577	MCC	
		detail	McCune	Tillamook Co, OR	McCune	26943	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>diplotypus</i>	detail	McCune		Bonilla	NV3214	SNF	Longi-sxn comparison plate
<i>Usnea</i>	<i>esperantiana</i>	detail	McCune		Ulrich	NV3222	SNF	
<i>Usnea</i>	<i>filipendula</i>	featured	Sharnoff	N. shore Lake Superior, ON				
		detail	McCune	Tillamook Co, OR	McCune	21326	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>flavocardia</i>	detail	McCune	Benton Co., OR	McCune	26875	MCC	
<i>Usnea</i>	<i>fragilescens</i>	detail	McCune	Douglas Co., OR	Neitlich	682b	MCC	
<i>Usnea</i>	<i>glabrata</i>	detail	McCune	Josephine Co, OR	McCune	28678	MCC	
<i>Usnea</i>	<i>glabrescens</i>	detail	McCune	Del Norte Co, CA	McCune	27264	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>hirta</i>	featured	McCune	Jefferson Co, MT	McCune	29266	MCC	
		detail	McCune	Jefferson Co, MT	McCune	29266	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>lambii</i>	featured	Sharnoff	Mt Hood, OR	McCune	21656	MCC	
<i>Usnea</i>	<i>lapponica</i>	featured	Sharnoff	Rocky Mtns, CO				
		drawing	Mikulin					
		detail	McCune	Flathead Co, MT	McCune	29068	MCC	
<i>Usnea</i>	<i>longissima</i>	featured	Sharnoff	Petersburg, AK				
		drawing	Mikulin					
		detail	McCune	Benton Co., OR	McCune	28103	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>nidulans</i>							
<i>Usnea</i>	<i>pacificana</i>	detail	McCune	Benton Co, OR	McCune	28176	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>quasirigida</i>							
<i>Usnea</i>	<i>rubicunda</i>	featured	McCune	Mendocino Co, OR	McCune	29497	MCC	
		detail	McCune	Tillamook Co, OR	McCune	23135	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>scabiosa</i>							
<i>Usnea</i>	<i>scabrata</i>	featured	McCune	Marion Co, OR	McCune	29569	MCC	habit

		detail	McCune	Benton Co, OR	McCune	27078	MCC	Closeup of branch surfaces
		detail	McCune	Benton Co, OR	McCune	27078	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>schadenbergiana</i>	featured	McCune	Lane Co, OR	McCune	19374	MCC	
		detail	McCune	Clallam Co, WA	McCune	23022	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>silesiaca</i>	detail	McCune	Lincoln Co, OR	McCune	23059	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>subfloridana</i>	detail	McCune	Douglas Co., OR	McCune	28087	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>substerilis</i>	detail	McCune	near Banff NP, Alberta	McCune	7938a	MCC	Longi-sxn comparison plate
<i>Usnea</i>	<i>wasmuthii</i>	detail	McCune		Evans	NV3312	SNF	Longi-sxn comparison plate
<i>Vulpicida</i>	<i>canadensis</i>	featured	Sharnoff	Wenatchee NF, WA				
<i>Vulpicida</i>	<i>pinastri</i>	featured	Sharnoff	N. shore Lake Superior, ON				
<i>Vulpicida</i>	<i>tilesii</i>	detail	Riley	Jasper NP, Alta	Riley	518	Riley	
<i>Xanthomendoza</i>	<i>fallax</i>	featured	McCune	Nez Perce Co, ID	McCune	24654a	MCC	
<i>Xanthomendoza</i>	<i>fulva</i>	featured	McCune	Missoula Co., MT and Douglas Co, OR	McCune	26677 and 24621	MCC	
		drawing	Mikulín					
<i>Xanthomendoza</i>	<i>galericulata</i>	detail	McCune	Gallatin Co., MT	McCune	12784	MCC	Inset in key
<i>Xanthomendoza</i>	<i>hasseana</i>	featured	McCune	Douglas Co., OR	McCune	28503	MCC	
<i>Xanthomendoza</i>	<i>mendozae</i>	detail	McCune	Lake Co, MT	McCune	29152	MCC	Inset in key
<i>Xanthomendoza</i>	<i>montana</i>	featured	McCune	Lewis & Clark Co., MT	McCune	29293	MCC	
		detail	McCune	Lewis & Clark Co., MT	McCune	29293	MCC	Detail: spores for comparing montana and hasseana. Also detail of rhizines.
<i>Xanthomendoza</i>	<i>oregana</i>	featured	McCune	Benton Co., OR	McCune	29565	MCC	
<i>Xanthoparmelia</i>	<i>coloradoënsis</i>	featured	Sharnoff	Manning Prov Park, BC				
<i>Xanthoparmelia</i>	<i>cumberlandia</i>	featured	Sharnoff	Rocky Mtns, CO				
<i>Xanthoparmelia</i>	<i>loxodes</i>	featured	McCune	Sanders Co, MT	McCune	7282	MCC	
		detail	McCune	Sanders Co, MT	McCune	7282	MCC	Lobe marking detail + soredia detail combined into plate
<i>Xanthoparmelia</i>	<i>mougeotii</i>	detail	McCune	Sanders Co, MT	McCune	27095	MCC	Page width photo for key
<i>Xanthoparmelia</i>	<i>plittii</i>	featured	Sharnoff	near Merritt, BC				
<i>Xanthoria</i>	<i>candelaria</i>	featured	Sharnoff	Manning Prov Park, BC				
		drawing	Mikulín					
<i>Xanthoria</i>	<i>elegans</i>	featured	McCune	Lewis & Clark Co., MT	McCune	13635	MCC	
<i>Xanthoria</i>	<i>parietina</i>	featured	Sharnoff	coastal Maine				
<i>Xanthoria</i>	<i>polycarpa</i>	featured	McCune	Benton Co., OR	McCune	27690	MCC	
		detail	McCune	Benton Co., OR	McCune	26261	MCC	