

## Ohio Lichen Watch List

Criteria – 2 or fewer recent (1965 to present) county records. Note: for each county, only the most recent record is listed; thus different counties are listed for each time period. For instance, *Candelaria fibrosa* has been recorded from 14 different counties, but there are recent records from only 2 counties. Please send new record information to Ray Showman.

Lichen name	Number of County Records			Counties
	Pre-1945	1945-1965	1965 →	
<i>Anzia colpodes</i>	5	--	--	
<i>Candelaria fibrosa</i>	6	6	2	Gallia, Henry
<i>Canomaculina subtinctoria</i>	3	1	1	Adams
<i>Cetraria arenaria</i>	1	1	--	
<i>Cetrelia olivetorum</i>	2	--	1	Adams
<i>C. didyma</i>	--	--	1 <sup>1</sup>	Adams, Scioto
<i>C. floridana</i>	--	1	--	
<i>C. robbinsii</i>	2	1	1	Stark
<i>Collema fragrans</i>	1	--	--	
<i>C. nigrescens</i>	3	5	1	Adams
<i>C. polycarpon</i>	1	--	--	
<i>C. tenax</i>	6	3	2	Adams, Morgan
<i>Ephebe lanata</i>	1	--	--	
<i>Heterodermia albicans</i>	--	--	2	Adams, Wyandot
<i>H. caesarettiana</i>	--	--	2	Adams, Gallia
<i>H. echinata</i>	6	3	--	
<i>H. leucomela</i>	5	2	1	Hocking
<i>H. pseudospeciosa</i>	--	--	1 <sup>7</sup>	Gallia
<i>H. squamulosa</i>	--	--	1	Adams
<i>Hypotrachyna osseoalba</i>	--	--	1	Scioto
<i>Lasallia pensylvanica</i>	1?	--	--	
<i>Leptogium burnetiae</i>	1	5	1	Adams
<i>L. corticola</i>	12	1	1	Adams
<i>L. dactylinum</i>	1	5	2	Adams, Gallia
<i>L. millegranum</i>	--	3	2	Adams, Hocking
<i>L. subtile</i>	--	2	--	
<i>L. tenuissimum</i>	1	1	2	Adams, Hocking
<i>Lobaria pulmonaria</i>	13	1	--	
<i>Melanohalia exasperata</i>	5	--	1	Athens
<i>Menegazzia terebrata</i>	1	--	--	
<i>Nephroma helveticum</i>	3	--	--	
<i>Fuscopannaria leucophaea</i>	--	--	2	Morgan, Washington
<i>F. leucosticta</i>	1	--	--	
<i>Pannaria lurida</i>	3	1	--	
<i>P. rubiginosa</i>	1	--	--	
<i>Parmelinopsis horrescens</i>	--	1	1	Adams
<i>Parmotrema arnoldii</i>	--	--	2	Adams, Hocking
<i>P. chinense</i>	1	2	2	Adams, Jackson

<i>P. crinitum</i>	3	2	2 Adams, Vinton
<i>P. despectum</i>	1	--	2 Adams, Scioto
<i>P. gardneri</i>	--	--	1 <sup>8</sup> Adams
<i>P. margaritatum</i>	5	--	1 Adams
<i>P. ultralucens</i>	--	--	1 Hocking
<i>Peltigera aphthosa</i>	3	--	--
<i>P. didactyla</i>	--	11	--
<i>P. elisabethae</i>	--	--	1 Adams
<i>P. horizontalis</i>	--	14	1 Gallia
<i>Phaeophyscia hispidula</i>	--	--	1 Licking
<i>P. orbicularis</i>	--	--	1? Adams
<i>Physcia caesia</i>	--	--	1 Hardin
<i>P. halei</i>	1	--	--
<i>P. phaea</i>	--	--	1 Coshocton
<i>P. pumilior</i>	--	--	2 <sup>6</sup> Adams, Scioto
<i>Physconia enteroxantha</i>	--	--	2 <sup>3</sup> Adams, Huron
<i>Physconia subpallida</i>	7	3	--
<i>Pseudevernia consocians</i>	--	--	2 Meigs, Scioto
<i>Pseudocyphellaria aurata</i>	1	--	--
<i>Ramalina celastri</i>	8	--	--
<i>R. complanata</i>	4	--	1 Wayne
<i>R. roesleri</i>	--	1	--
<i>Rimelia subisidiosa</i>	--	--	1 Adams
<i>Stereocaulon saxatile</i>	3	--	--
<i>S. tomentosum</i>	1	--	--
<i>Teloschistes chrysophthalmus</i>	2	--	--
<i>Thyrea confusa</i>	1	--	1 Adams
<i>Umbilicaria muehlenbergii</i>	1?	--	--
<i>U. vellea</i>	1	--	--
<i>Usnea angulata</i>	1	--	--
<i>U. ceratina</i>	4	--	1 Gallia
<i>U. endochrysea</i>	--	--	1 <sup>9</sup> Scioto
<i>U. longissima</i>	1	--	--
<i>U. subfloridana</i>	1	--	--
<i>U. subscabrosa</i>	--	--	3 Gallia, Jackson, Washington
<i>U. substerilis</i>	--	--	1 <sup>10</sup> Lawrence
<i>Vulpicida viridis</i>	--	--	1 Scioto
<i>Xanthoparmelia angustiphylla</i>	--	--	1 <sup>5</sup> Montgomery
<i>X. hypomelaena</i>	--	--	1 Adams
<i>X. subramigera</i>	--	2	1 Gallia, Washington
<i>X. tasmanica</i>	--	--	1 Meigs
<i>X. hasseana</i>	5	--	1 Wayne
<i>X. ulophyllodes</i>	--	29	2 Adams, Fairfield
<i>Xanthoria polycarpa</i>	1	--	1 Franklin

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## Ohio State-Listed Species

Canoparmelia amabilis	--	--	1 <sup>4</sup> Washington
C. caroliniana	--	--	2 Adams, Gallia
C. texana	--	--	6 Adams, Fairfield, Jackson, Pike, Scioto, Vinton
Collema bachmanianum	1	--	1 Highland
C. coccophorum	--	--	1 Adams
C. conglomeratum	5	1	1 Adams
C. crispum	--	1	1 Gallia
C. fuscovirens	--	--	1 Adams
Dibaeis absoluta	2	--	4 Athens, Hocking, Lawrence, Vinton
Parmotrema madagascariaceum	1	--	1 Vinton
Phaeophyscia leana	1	--	1 <sup>2</sup> Adams
Placidium lachneum [= Placidium lacinulatum]	2	--	1 Adams
Punctelia perreticulata	--	--	3 Adams, Jackson, Scioto
Ramalina farinacea	8	--	2 Athens, Lawrence
R. intermedia	1	--	7 Belmont, Gallia, Fairfield, Hocking, Licking, Meigs, Vinton
R. petrina	--	--	5 Fairfield, Hocking Jackson, Meigs, Washington
R. pollinaria	1	--	5 Gallia, Hocking, Jackson, Meigs, Washington
Sticta beauvoisii	4	1	1 Gallia
Xanthoria elegans	--	2	--

<sup>1</sup> Cladonia didyma is a species new to the state, recently found in Adams County by Mark Zloba.

<sup>2</sup> Phaeophyscia leana is an extremely rare lichen, recently found in Adams County by Barbara Lund. See this reference: [http://www.eiu.edu/~biology/posters/2002/poster\\_017.htm](http://www.eiu.edu/~biology/posters/2002/poster_017.htm)

<sup>3</sup> Physconia enteroxantha is a species new to the state, recently found in Adams County by Mark Zloba.

<sup>4</sup> Canoparmelia amabilis is a species new to Ohio, found at Acadia Cliffs Nature Preserve in Washington County by Ray Showman, 6/5/05 and confirmed by Karin Heiman.

<sup>5</sup> Xanthoparmelia angustiphylla is a species new to Ohio, found at Twin Creek MetroPark in Montgomery County by Dave Dister and confirmed by Don Flenniken. Specimen will be placed at Turrell Herbarium at Miami University.

<sup>6</sup> Physcia pumilior is a species new to Ohio found by several people during the Crum-Tuckerman Workshop in 2006.

<sup>7</sup>Heterodermia pseudospeciosa is a new species reported by James Lendemer, Crum-Tuckerman Workshop, 5/19/06.

<sup>8</sup>Parmotrema gardneri is a new species reported by Richard Harris during the Crum-Tuckerman Workshop, 5/20/06.

<sup>9</sup>Usnea endochrysea is a new species reported by James Lendemer during the Crum-Tuckerman Workshop, 5/18/06.

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## Lichen Watch List (plus T&E list) Record Updates

### Lichen – County, Collector, Date, Deposition of specimen, Comments

Canoparmelia amabilis - Washington Co., RES 6/5/05, OSU, Extant population at Acadia Cliffs Nature Preserve (verified by Karin Heiman).

Canoparmelia caroliniana – Adams Co., RES 10/23/04, OSU. Extant population at Buzzardroost Rock. Gallia Co. RES 5/19/06, OSU. Extant population at the Wayne N F Symmes Creek site.

C. texana – Vinton Co., RES 4/6/04, OSU. Pike Co. Chimney Rocks, RES 10/6/07, OSU.

Cetrelia olivetorum – Adams Co., DGF 5/22/06

Cladonia incrassata – Lawrence Co., DGF 10/1/05

C. petrophylla – Gallia Co., C-T Workshop 5/19/06

Coccocarpia palmicola – Gallia Co., RES 11/2/05 OSU

Collema crispum – Adams Co., RES, 6/28/03, EOA, probable ID by RES

C. tenax – Adams Co., RES, 6/28/03, EOA, probable ID by RES

Heterodermia casarettiana – Gallia Co. RES 11/2/05 OSU

H. pseudospeciosa – Gallia Co., C-T Workshop 5/19/06

Hyperphyscia adglutinata – Adams Co. M. Zloba, 1/29/04 EOA, ID confirmed by RES. Lucas Co. D. Flenniken, 4/16/05, Lou Campbell Preserve.

Leptogium corticola – Adams Co., C-T Workshop, 5/22/06

L. juniperinum – Vinton Co. RES 7/24/04 OSU. Adams Co. M. Zloba, 1/20/04, EOA. Lawrence Co. RES 10/1/05 OSU.

L. tenuissimum – Adams Co. M. Zloba, 10/28/04, EOA, ID by Don Flenniken

Parmotrema gardneri – Adams Co., C-T Workshop 5/20/06

Parmotrema margaritatum – Adams Co., C-T Workshop 5/22/06

P. perforatum – Vinton Co. RES 4/6/04 OSU

Peltigera polydactylon – Lawrence Co. DGF 10/1/05

Physcia pumillior – Adams Co., Scioto Co., C-T Workshop 5/ 21&22/06

Physconia enteroxantha – Huron Co. DGF 4/16/05

Pseudevernia consocians – Adams Co. M. Zloba 2/10/04 EOA, ID confirmed by RES [this is third recent record, but left on list because it is still considered very rare in Ohio].

Ramalina complanata – Wayne Co. D. Flenniken 6/2/05 OSU

Ramalina farinacea – Lawrence Co. RES 4/19/08 OSU.

Usnea ceratina – Gallia Co. RES 11/2/05 OSU

Usnea subscabrosa – Washington Co. RES 6/5/05 OSU. Gallia Co., RES 5/19/06 OSU.

Usnea substerilis – Lawrence Co. RES 4/19/08 OSU.  
 Xanthomendoza fulva – Jackson Co. D. Flenniken 10/2/05  
 X. hasseana – Wayne Co. D. Flenniken 6/2/05 OSU.  
 Xanthoparmelia angustiphylla – Montgomery Co. D. Dister (1/22/06) Miami.  
 Usnea endochrysea C-T Workshop 5/21/06

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### Species removed from the Watch List due to 3 or more records

Cladonia cryptochlorophaea  
 C. fimbriata  
 C. incrassata  
 C. ochrochlora  
 C. petrophylla  
 Coccocarpia palmicola  
 Myelochroa obsessa  
 Parmotrema austrosinense  
 P. perforatum  
 Peltigera polydactylon  
 Physconia kurokawae – now considered a chemical variant of P. leucoleiptes  
 Hyperphyscia adglutinata  
 Leptogium juniperinum  
 Xanthomendoza fulva

<i>Total Ohio macrolichen species</i>	232	
<i>Species on Watch List</i>	82	
<i>Species on Ohio T &amp; E List</i>	19	
<i>Probable extirpated species (no records Since 1965 or before)</i>	30	
<i>New records for Watch List species since its inception in 2004</i>	36	
<i>Lichens removed from Watch List since its inception</i>		13
<i>Lichens added to Watch List</i>	8	
<i>New State records since Macorlichens of Ohio</i>	9	
<i>New County records</i>		228

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