

Lichens of Eastern North America Exsiccati, Fascicle VI, Nos. 251-300.

JAMES C. LENDEMER¹

ABSTRACT. – Data for the sixth fascicle, comprising the nos. 251 to 300, of *Lichens of Eastern North America Exsiccati* is presented. The fascicle is distributed to ASU, B, BG, CANB, CHR, DOV, FH, GZU, H, HMAS, M, MIN, NY, S, TSB, TNS, TU, and UPS.

INTRODUCTION

In conjunction with the author's work on the lichen biota of eastern North America he began the distribution of this series (*Lichens of Eastern North America Exsiccati*) from the Academy of Natural Sciences of Philadelphia (PH). This, the sixth fascicle in the series is distributed from the New York Botanical Garden (NY) where the author is now employed. This fascicle comprises the nos. 251-300, and is distributed in 20 sets on exchange to the following herbaria: ASU, B, BG, CANB, CHR, DOV, FH, GZU, H, HMAS, M, MIN, NY, S, TSB, TNS, TU, and UPS. Incomplete sets are distributed to UCR and PRM.

FASCICLE VI

251. *Lecidella euphorea* (Flörke) Hertel
Det. Caleb Morse - 30.August.2007

UNITED STATES OF AMERICA. NORTH DAKOTA. OLIVER COUNTY.: Ca. 2 mi S, 4 mi E of Hensler, The Nature Conservancy's Cross Ranch Preserve, Sangor Ghost Town. – elev. ca. 1690 ft. - Lat. 47° 10' 48" N, Long. 100° 59' 42" W – Gentle slopes of mixed grass prairie, Missouri River Valley and floodplain. - On old wooden shingles of roof collapsed to ground level, basement intact below, dripline and shade of trees overhead.

M.K. Advaita #6117 5.June.2007

252. *Strangospora moriformis* (Ach.) Stein
Det. Caleb Morse - 30.August.2007

UNITED STATES OF AMERICA. NORTH DAKOTA. OLIVER COUNTY.: Ca. 2 mi SE of Hensler, The Nature Conservancy's Cross Ranch Preserve. – elev. ca. 1700 ft. - Lat. 47° 14.83' N, Long. 101° 03.22' W – Gentle slopes of mixed grass prairie, Missouri River Valley and floodplain. – On wood of 100-year-old cedar posts.

M.K. Advaita #5896 1.June.2007

¹JAMES C. LENDEMER – Cryptogamic Herbarium, Institute of Systematic Botany, The New York Botanical Garden, Bronx, NY, 10458-5126, U.S.A. – e-mail: jlendemer@nybg.org

253. *Candelariella vitellina* (Hoffm.) Müll. Arg.

UNITED STATES OF AMERICA. SOUTH DAKOTA. MCPHERSON COUNTY.: Ca. 11 mi W and 2 mi S of Leola, private land adjacent to west border of The Nature Conservancy's Ordway Preserve. – elev. ca. 1900 ft. - Lat. 45° 42.52' N, Long. 99° 09.46' W – Old homestead site, mature planted cottonwood “park”, rolling pasture and shelterbelts, prairie pothole wetlands and glacial erratics. – On wooden shingles from collapsing homestead cabin.

M.K. Advaita #5437

29.April.2007

254. *Trapeliopsis flexuosa* (Fr.) Coppins & P. James
Det. Caleb Morse - 30.August.2007

UNITED STATES OF AMERICA. NORTH DAKOTA. OLIVER COUNTY.: Ca. 2 mi S, 4 mi E of Hensler, The Nature Conservancy's Cross Ranch Preserve, Sangor Ghost Town. – elev. ca. 1690 ft. - Lat. 47° 10' 48" N, Long. 100° 59' 42" W – Gentle slopes of mixed grass prairie, Missouri River Valley and floodplain. – On wood of 14"-diameter decaying log on ground.

M.K. Advaita #6128

6.June.2007

255. *Aspicilia cinerea* (L.) Körber
Det. Caleb Morse - 30.August.2007

UNITED STATES OF AMERICA. NORTH DAKOTA. OLIVER COUNTY.: Ca. 2 mi S, 4 mi E of Hensler, The Nature Conservancy's Cross Ranch Preserve, Sangor Ghost Town. – elev. ca. 1690 ft. - Lat. 47° 10' 48" N, Long. 100° 59' 42" W – Gentle slopes of mixed grass prairie, Missouri River Valley and floodplain. – On old wooden shingles of roof collapsed to ground level, basement intact below, dripline and shade of tree overhead.

M.K. Advaita #6119

5.June.2007

256. *Placynthiella icmalea* (Ach.) Coppins & P. James
Det. Caleb Morse - 30.August.2007

UNITED STATES OF AMERICA. NORTH DAKOTA. RANSOM COUNTY.: Ca. 7 mi N, 4 mi W of McCleod, The Nature Conservancy's Pigeon Point Preserve. – elev. ca. 1050 ft. - Lat. 46° 29.96' N, Long. 97° 23.17' W – Riparian and wetland hardwood forest of the Sheyenne River Valley. – On wood of charred log on ground.

M.K. Advaita #5653

9.May.2007

257. *Strangospora microhaema* (Norman) R. Anderson

UNITED STATES OF AMERICA. SOUTH DAKOTA. MCPHERSON COUNTY.: Ca. 10 mi W, ½ mi S of Leola, The Nature Conservancy's Ordway Preserve, headquarters. – elev. ca. 1900 ft. - Lat. 45° 42.89' N, Long. 99° 07.89' W – Rolling mixed grass prairie, glacial erratics, pothole wetlands. – On bark of 3 ft. dbh cottonwood windfall of old shelterbelt.

M.K. Advaita #5278

25.April.2007

258. *Piccolia ochrophora* (Nyl.) Hafellner

UNITED STATES OF AMERICA. SOUTH DAKOTA. MCPHERSON COUNTY.: Ca. 10 mi W, ½ mi S of Leola, The Nature Conservancy's Ordway Preserve, headquarters. – elev. ca. 1900 ft. - Lat. 45° 42.89' N, Long. 99° 07.89' W – Rolling mixed grass prairie, glacial erratics, pothole wetlands. – On bark of 3 ft. dbh cottonwood windfall of old shelterbelt.

M.K. Advaita #5284

25.April.2007

259. *Candelariella antennaria* Räsänen
Det. Caleb Morse – 30.August.2007

UNITED STATES OF AMERICA. NORTH DAKOTA. OLIVER COUNTY.: Ca. 2 mi S, 4 mi E of Hensler, The Nature Conservancy's Cross Ranch Preserve, Sangor Ghost Town. – elev. ca. 1690 ft. - Lat. 47° 10' 48" N, Long. 100° 59' 42" W – Gentle slopes of mixed grass prairie, Missouri River Valley and floodplain. – On 8" dbh green ash growing up from drainage ditch, shaded on S side by bridge.

M.K. Advaita #6091 4.June.2007

260. *Cliostomum griffithii* (Sm.) Coppins

UNITED STATES OF AMERICA. MAINE. WASHINGTON COUNTY.: Town of Beals, Great Wass Island, Great Wass Island Preserve, Little Cape Point Trail. – Lat. 44° 28' 52" N, Long. 67° 35' 41" W – Red spruce – balsam fir coastal forest and jack pine bald. – On trunk of standing dead *Abies balsamea*.

Richard C. Harris #53800 11.July.2007

261. *Aspicilia moenium* (Vainio) Thor & Timdal

UNITED STATES OF AMERICA. NORTH DAKOTA. OLIVER COUNTY.: Ca. 2 mi S, 4 mi E of Hensler, The Nature Conservancy's Cross Ranch Preserve, Sangor Ghost Town. – elev. ca. 1690 ft. - Lat. 47° 10' 48" N, Long. 100° 59' 42" W – Gentle slopes of mixed grass prairie, Missouri River Valley and floodplain. – On crumbling vertical concrete lining of drainage ditch.

M.K. Advaita #6090 4.June.2007

262. *Physcia subtilis* Degel.
Det. J.C. Lendemer, 2007

UNITED STATES OF AMERICA. NEW YORK. GREENE COUNTY.: Catskill Mountains, north end of Mink Hollow and west slope of Sugarloaf Mountain, ~6.5 miles north of Shady, Hunter Quad. – elev. 2200-2700 ft. – Lat. 42° 08' 06" N, Long. 74° 09' 44" W – Mixed hardwood (*Acer*, *Betula* dominate) – conifer forest with large rock outcrops and rocky seeps. – On sandstone boulder.

James C. Lendemer #9737 & Andy Moroz 8.October.2007

263. *Leptogium cyanescens* (Rabenh.) Körber
Det. J.C. Lendemer, 2007

UNITED STATES OF AMERICA. NEW YORK. GREENE COUNTY.: Catskill Mountains, north end of Mink Hollow and west slope of Sugarloaf Mountain, ~6.5 miles north of Shady, Hunter Quad. – elev. 2200-2700 ft. – Lat. 42° 08' 06" N, Long. 74° 09' 44" W – Mixed hardwood (*Acer*, *Betula* dominate) – conifer forest with large rock outcrops and rocky seeps. – On the trunk of a large maple (*Acer*).

James C. Lendemer #9738 & Andy Moroz 8.October.2007

264. *Phaeophyscia ciliata* (Hoffm.) Moberg

UNITED STATES OF AMERICA. SOUTH DAKOTA. GRANT COUNTY.: ca 1 mi E of Marvin, Blue Cloud Benedictine Abbey. – elev. ca. 1530 ft. - Lat. 45° 15.18' N, Long. 96° 53.47' W – Open pastureland, wooded gulches, abundant glacial till (Altamont moraine). – On bole and branches of recently blown-down 14" dbh box elder.

M.K. Advaita #6489 20.September.2007

265. *Caloplaca cerina* (Ehrh. ex Hedwig) Th. Fr.

UNITED STATES OF AMERICA. SOUTH DAKOTA. GRANT COUNTY.: ca 1 mi E of Marvin, Blue Cloud Benedictine Abbey. – elev. ca. 1530 ft. - Lat. 45° 15.18' N, Long. 96° 53.47' W – Open pastureland, wooded gulches, abundant glacial till (Altamont moraine). – On peeling bark plates of standing-dead 18” dbh box elder.

M.K. Advaita #6491

27.September.2007

266. *Candelaria fibrosa* (Fr.) Müll. Arg.

UNITED STATES OF AMERICA. SOUTH DAKOTA. GRANT COUNTY.: ca 1 mi E of Marvin, Blue Cloud Benedictine Abbey. – elev. ca. 1530 ft. - Lat. 45° 15.18' N, Long. 96° 53.47' W – Open pastureland, wooded gulches, abundant glacial till (Altamont moraine). – On bole and branches of recently blown-down 14” dbh box elder.

M.K. Advaita #6488

20.September.2007

267. *Candelariella antennaria* Räsänen

UNITED STATES OF AMERICA. SOUTH DAKOTA. GRANT COUNTY.: ca 1 mi E of Marvin, Blue Cloud Benedictine Abbey. – elev. ca. 1530 ft. - Lat. 45° 15.18' N, Long. 96° 53.47' W – Open pastureland, wooded gulches, abundant glacial till (Altamont moraine). – On peeling bark plates of standing-dead 18” dbh box elder.

M.K. Advaita #6492

27.September.2007

268. *Caloplaca ulcerosa* Coppins & P. James

UNITED STATES OF AMERICA. SOUTH DAKOTA. GRANT COUNTY.: ca 1 mi E of Marvin, Blue Cloud Benedictine Abbey. – elev. ca. 1530 ft. - Lat. 45° 15.18' N, Long. 96° 53.47' W – Open pastureland, wooded gulches, abundant glacial till (Altamont moraine). – On peeling bark plates of standing-dead 18” dbh box elder.

M.K. Advaita #6490

27.September.2007

269. *Xanthomendoza fallax* (Hepp) Arnold

UNITED STATES OF AMERICA. SOUTH DAKOTA. MINNEHAHA COUNTY.: ca 3 mi E of Sioux Falls on Hwy. 42, Perry Nature Area. – elev. ca. 1250 ft. - Lat. 43° 31.74' N, Long. 96° 36.48' W – Riparian deciduous forest and wooded park near Big Sioux River. – On bole of recently felled 14” dbh hackberry.

M.K. Advaita #6496

11.October.2007

270. *Candelaria concolor* (Dickson) Stein

UNITED STATES OF AMERICA. SOUTH DAKOTA. MINNEHAHA COUNTY.: ca 3 mi E of Sioux Falls on Hwy. 42, Perry Nature Area. – elev. ca. 1250 ft. - Lat. 43° 31.74' N, Long. 96° 36.48' W – Riparian deciduous forest and wooded park near Big Sioux River. – On bole of recently felled 14” dbh hackberry.

M.K. Advaita #6497

11.October.2007

271. *Lobaria scrobiculata* (Scop.) P. Gaertn.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Hall's Gully, 9.7 km W of Trans-Canada Highway on Fox Marsh Resource Road, 5.5 km S on Hall's Gully Road. – elev. ca. 100 m. – Lat. 47° 21' 56" N, Long. 53° 26' 59" W – *Picea mariana* – *Abies balsamea* forest with sparse *Betula*, adjacent to open peatland. – On conifer bark.

James C. Lendemer #10130

8.September.2007

272. *Lecanactis abietina* (Ach.) Körber
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Hall's Gully, 9.7 km W of Trans-Canada Highway on Fox Marsh Resource Road, 5.5 km S on Hall's Gully Road. – elev. ca. 100 m. – Lat. 47° 21' 56" N, Long. 53° 26' 59" W – *Picea mariana* – *Abies balsamea* forest with sparse *Betula*, adjacent to open peatland. – On dead, standing conifer trunk.

James C. Lendemer #10128

8.September.2007

273. *Sphaerophorus globosus* (Huds.) Vainio
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Hall's Gully, 9.7 km W of Trans-Canada Highway on Fox Marsh Resource Road, 5.5 km S on Hall's Gully Road. – elev. ca. 100 m. – Lat. 47° 21' 56" N, Long. 53° 26' 59" W – *Picea mariana* – *Abies balsamea* forest with sparse *Betula*, adjacent to open peatland. – On conifer bark.

James C. Lendemer #10066

8.September.2007

274. *Chrysothrix insulizans* R.C. Harris & Ladd
Det. R.C. Harris, 2007

UNITED STATES OF AMERICA. GEORGIA. ROCKDALE COUNTY.: Panola Mountain State Park, middle-low slopes of Panola Mountain, ~3 miles southwest of Klondike, Redan Quad. – elev. ca. 700-940 ft. – Lat. 33° 38' 05" N, Long. 84° 10' 18" W – Extensive open granite outcrop on upper slopes, massive outcrops and boulders on lower slopes with mixed hardwood (*Acer* dominant) – pine (*Pinus*) forest in drainage to lake. – On undersides of granite exposures and boulders, associated with *Lepraria*.

James C. Lendemer #9003

17.April.2007

275. *Arthrorhaphis citrinella* (Ach.) Poelt
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Butterpot Provincial Park, east side of Big Otter Pond, along cross-country ski-trail between parking area and east-flowing stream-outlet from pond. – elev. ca. 160 m. – Lat. 47.399° N, Long. 53.043° W – Mesic to wet coniferous forest dominated by *Picea mariana*, with *Betula cordifolia*, *Sorbus americana*, and large glacial erratics adjacent to outlet brook. – On soil and roots of upturned tree.

James C. Lendemer #10201

9.September.2007

276. *Schaereria fuscocinerea* (Nyl.) Clauzade & Cl. Roux
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Bay Roberts East Shoreline Heritage Walk, between Mad Rock and Long Point. – elev. ca. 50 m. - Lat. 53° 12' 12" N, Long. 47° 37' 11" W – Shaley rocks along coastal shoreline and rocky open heath. – On rock.

James C. Lendemer #10275 10.September.2007

277. *Parmelia sulcata* Taylor
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Bay Roberts East Shoreline Heritage Walk, between Mad Rock and Long Point. – elev. ca. 50 m. - Lat. 53° 12' 12" N, Long. 47° 37' 11" W – Shaley rocks along coastal shoreline and rocky open heath. – On rock.

James C. Lendemer #10308 10.September.2007

278. *Parmelia saxatilis* (L.) Ach.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Bay Roberts East Shoreline Heritage Walk, between Mad Rock and Long Point. – elev. ca. 50 m. - Lat. 53° 12' 12" N, Long. 47° 37' 11" W – Shaley rocks along coastal shoreline and rocky open heath. – On rock.

James C. Lendemer #10314 10.September.2007

279. *Stereocaulon tomentosum* Th. Fr.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Burry Heights Center. – Lat. 47° 20' 49" N, Long. 53° 13' 08" W – *Picea mariana* – *Abies balsamea* forest with sparse *Betula*, with gravelly openings and a lake. – On soil in gravelly opening.

James C. Lendemer #10394 7.September.2007

280. *Peltigera hymenina* (Ach.) Delise
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Burry Heights Center. – Lat. 47° 20' 49" N, Long. 53° 13' 08" W – *Picea mariana* – *Abies balsamea* forest with sparse *Betula*, with gravelly openings and a lake. – On mossy banks of lake.

James C. Lendemer #10397 7.September.2007

281. *Cladonia rei* Schaer.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Avalon Peninsula, Burry Heights Center. – Lat. 47° 20' 49" N, Long. 53° 13' 08" W – *Picea mariana* – *Abies balsamea* forest with sparse *Betula*, with gravelly openings and a lake. – On soil in gravelly opening.

James C. Lendemer #10404 7.September.2007

282. *Leptogium isidiosellum* (Riddle) Sierk
Det. J.C. Lendemer, 2007

UNITED STATES OF AMERICA. NORTH CAROLINA. CLAY COUNTY.: Nantahala National Forest, stream bed/valley of Buck Creek, 1-1.5 mi N of US 64 on Buck Creek Rd., ~5 mi NE of Shooting Creek, Rainbow Springs Quad. – elev. 3300-3400 ft. – Lat. 35° 05' 07" N, Long. 83° 37' 01" W – Riparian forest (*Betula*, *Tsuga*, *Acer*) with *Rhododendron* under story and rocky stream margins. – On *Cornus*.

James C. Lendemer *et al.* #10475 10.November.2007
w/ Sean Q. Beeching & Malcolm Hodges

283. *Parmelia omphalodes* (L.) Ach.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Ha-Ha Mountain, west slopes/cliffs facing the Straits of Belle Isle, north of Raleigh. – Lat. 51° 33' 48" N, Long. 55° 42' 38" W – Steep, moist, rocky (Ordovician lava and ash) slopes exposed to the sea. – On rock.

James C. Lendemer #10541 & Andy Moroz 20.August.2007

284. *Alectoria vexillifera* (Nyl.) Stizenb.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, hills above town of Quirpon. – Lat. 51° 34' 44" N, Long. 55° 26' 40" W – Extensive rocky ridge top (“Mélange” of basalt, diabase, gabbro, ultramafic rock, enclosed in shale) with boggy, peaty, depressions. – On rock and organic matter.

James C. Lendemer #10680 & Andy Moroz 18.August.2007

285. *Alectoria nigricans* (Ach.) Nyl.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, hills above town of Quirpon. – Lat. 51° 34' 44" N, Long. 55° 26' 40" W – Extensive rocky ridge top (“Mélange” of basalt, diabase, gabbro, ultramafic rock, enclosed in shale) with boggy, peaty, depressions. – On rock.

James C. Lendemer #10654 & Andy Moroz 18.August.2007

286. *Gyalideopsis buckii* Lücking, Sérus. & Vezda
Det. J.C. Lendemer, 2007

UNITED STATES OF AMERICA. ALABAMA. ESCAMBIA COUNTY.: Conecuh National Forest, south of US 29 just east of McGowin Bridge over the Conecuh River, Damascus Quad. – elev. 110 ft. - UTM 16 519405E 3447660N – Lat. 31° 09' 46"N, Long. 86° 47' 47"W – Planted *Taxodium* trees on edge of mixed pine (*Pinus*) – oak (*Quercus*) – tupelo (*Nyssa*) bottomland and sand scrub. – On *Taxodium* branches.

James C. Lendemer *et al.* #9374 13.April.2007

287. *Opegrapha astraea* Tuck.
Det. J.C. Lendemer, 2007

UNITED STATES OF AMERICA. ALABAMA. COVINGTON COUNTY.: Conecuh National Forest, Solon Dixon Forestry Education Center, Blue Springs, Dixie Quad. – elev. 150-200 ft. - UTM 16 528801E 3448235N – Lat. 31° 10' 04"N, Long. 86° 41' 52"W – Narrow calcareous stream gorge with mesic hardwood (*Acer*, *Ilex*, *Nyssa*, *Quercus*) forest. – On *Nyssa*.

James C. Lendemer *et al.* #9374 14.April.2007

288. *Ramalina stenospora* Müll. Arg.
Det. J.C. Lendemer, 2007

UNITED STATES OF AMERICA. ALABAMA. BALDWIN COUNTY.: Bay Minette. Baldwin County Department of Human Resources on US 31. – Lat. 30° 51' 23"N, Long. 87° 46' 32"W – On trees in parking lot.

James C. Lendemer *et al.* #9267 11.April.2007

289. *Cladonia sandstedei* Abbayes
Det. J.C. Lendemer, 2007

UNITED STATES OF AMERICA. ALABAMA. ESCAMBIA COUNTY.: Conecuh National Forest, Solon Dixon Forestry Education Center, Auburn Center, Dixie Quad. – elev. 200 ft. - UTM 16 528403E 3447836N – Lat. 31° 09' 51"N, Long. 86° 42' 07"W – Old homestead with large planted trees, old fences, and small openings of sandy pine (*Pinus*) – oak (*Quercus*) scrub. – On sandy soil.

James C. Lendemer *et al.* #9464 13.April.2007

290. *Fuscopannaria praetermissa* (Nyl.) P.M. Jørg.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Watts Point Ecological Preserve, north end of Preserve, south of Big Brook, north of Eddies Cove. – Lat. 51° 27' 40" N, Long. 56° 15' 31" W – Coastal (Cambrian) limestone/dolostone barren with low heathland along beach. – On organic matter in heath community.

James C. Lendemer #10700 & Andy Moroz 17.August.2007

291. *Lecanora epibryon* (Ach.) Ach.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Watts Point Ecological Preserve, north end of Preserve, south of Big Brook, north of Eddies Cove. – Lat. 51° 27' 40" N, Long. 56° 15' 31" W – Coastal (Cambrian) limestone/dolostone barren with low heathland along beach. – On organic matter and soil in heath community.

James C. Lendemer #10755 & Andy Moroz 17.August.2007

292. *Ramalina farinacea* (L.) Ach.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Watts Point Ecological Preserve, north end of Preserve, south of Big Brook, north of Eddies Cove. – Lat. 51° 27' 40" N, Long. 56° 15' 31" W – Coastal (Cambrian) limestone/dolostone barren with low heathland along beach. – On organic matter in heath community.

James C. Lendemer #10691 & Andy Moroz 17.August.2007

293. *Opegrapha* sp.

Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Watts Point Ecological Preserve, north end of Preserve, south of Big Brook, north of Eddies Cove. – Lat. 51° 27' 40" N, Long. 56° 15' 31" W – Coastal (Cambrian) limestone/dolostone barren with low heathland along beach. – On limestone.

James C. Lendemer #10756 & Andy Moroz 17.August.2007

294. *Megalaria beechingii* Lendemer

Det. J.C. Lendemer, 2007

UNITED STATES OF AMERICA. GEORGIA. TOWNS COUNTY.: Southern Nantahala Wilderness, Chattahoochee National Forest, Hightower Gap to Rich Knob, Hightower Bald Quad. – elev. 3500-4100 ft. – Lat. 35° 05' 08" N, Long. 83° 37' 31" W – Mixed hardwood forest (*Acer*, *Betula*, *Carya*, *Quercus*) with boulders and massive rock overhangs. – On boulder.

James C. Lendemer *et al.* #10949 11.November.2007
w/ Sean Q. Beeching & Malcolm Hodges

295. *Tremolecia atrata* (Ach.) Hertel

Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Coast north of Raleigh and south of Cape Onion, north of Ha-Ha Mountain. – ca. Lat. 51° 33' N, Long. 55° 42' W – Coastal cliffs and exposed rocky hilltops (derived from Ordovician lava and ash) surrounded by extensive heathland and boggy depressions. – On rock.

James C. Lendemer #11084 & Andy Moroz 16.August.2007

296. *Lecidea lapicida* (Ach.) Ach.

Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Coast north of Raleigh and south of Cape Onion, north of Ha-Ha Mountain. – ca. Lat. 51° 33' N, Long. 55° 42' W – Coastal cliffs and exposed rocky hilltops (derived from Ordovician lava and ash) surrounded by extensive heathland and boggy depressions. – On rock.

James C. Lendemer #11081 & Andy Moroz 16.August.2007

297. *Prototermelia badia* (Hoffm.) Hafellner

Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Ha-Ha Point (Aunt Mart's Hill), northeast end of town of Raleigh, Ha-Ha Bay. – Lat. 51° 35' 11" N, Long. 55° 42' 06" W – Grassy hill with large boulders ("Melange" of basalt, diabase, gabbro, ultramafic rock, enclosed in shale), cliff exposed to ocean, and heathland above. – On boulders.

James C. Lendemer #10982 & Andy Moroz 15.August.2007

298. *Lecanora torrida* Vainio

Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Cape Norman, west of Wild Bight. – Lat. 51° 37' 09" N, Long. 55° 53' 57" W – Ordovician limestone/dolostone pavement barrens and cliffs exposed to the sea. – On limestone.

James C. Lendemer #11155 & Andy Moroz 15.August.2007

299. *Xanthoria elegans* (Link) Th. Fr.
Det. J.C. Lendemer, 2007

CANADA. NEWFOUNDLAND.: Island of Newfoundland, Northern Peninsula, Cape Norman, west of Wild Bight. – Lat. 51° 37' 09" N, Long. 55° 53' 57" W – Ordovician limestone/dolostone pavement barrens and cliffs exposed to the sea. – On pebbles.

James C. Lendemer #11130 & Andy Moroz 15.August.2007

300. *Acarospora nicolai* de Lesd.

UNITED STATES OF AMERICA. KANSAS. ELLSWORTH COUNTY.: 2 mi S, 0.5 mi W Carneiro, Wildlife Management Area along E side 25th Ave., 2.5 mi S jct with KS Hwy 140. – T15S R06W Sec. 31 SW ¼ - ca. Lat. 38.7018° N, Long. 98.0332° W – W and S-facing outcrops and low bluffs of Dakota Formation sandstone in disturbed upland Smoky Hills mixed-grass prairie on slope just E of Alum Creek. – Locally common on weathered, iron-rich sandstone outcrops and boulders.

Caleb A. Morse #16136 & Katherine Logan 27.October.2007

ACKNOWLEDGMENTS

Richard Harris, Caleb Morse, and Nancy Wilson are sincerely thanked for their contributions to this fascicle.