MONDAY, JUNE 11, 1894.

LIST OF PLANTS FOUND BETWEEN LAKE HURON AND BLACK RIVER, NORTH OF PORT HURON, MICHIGAN.

BY D.C.RIDGLEY.

1. Capsella Bursa-pastoris.

2. Taraxacum officinale.

3. Iris versicolor. Common in wet places.

4. Sagittaria. sp. (?)

5. Cerastium vulgatum.

6. Fragaria Virginiana.

7.# Potentilla Pennsylvanica. Common. Common also on Canadian Bank of St. Clair River.

8. Antennaria Plantagivifolia.

9. Rumex. sp. (?) (?)

10. Geranium maculatum.

11. Erigeron Philadelphicus.

12.# Hepatica triloba. Only leaves found.

13.# Mainanthemum Canadense. Abundant under a pine tree in the woods.

15. Potentilla Canadensis.

16.# Potentilla Anserina. Common on low

grounds, also along St.Clair River,Canada.

Occurring with P.Pennsylvanica.

Crataegus punctata. Is it the same as the crataegus as along Black River.

17. Veronica Officinalis.

18. Krigia amplexicaulis.

19. Nasturtium officinale.

20 Thalictrum purpurascens.

21. Anemone Pennsylvanica.

22.# Galium boreale.

23. Smilax hispida. In large bud, climbing 12 feet high.

24. Lithospermunn hirtum.

25. Rubusvillosus frondosus. Common or High Blackberry.

26.# Rubus canadensis. Low Blackberry. Dewberry.

27. Gaylussacia resinosa. Only a few found.

28. Lepidium Virginicum.

29.

30. Cincus arvensis, (Canada Thistle). Common near the Lake, also along G.T.R. near Sarnia.

31.# Viburnum Lentago. Sweet Viburnum Sheep Berry. About 20 ft.High.

32.# Lupinus perennis. Wild Lupine.

33. Euonymus Americanus. var (?) Strawberry Bush.

34. Pedicularis Canadensis.

35.# Gautheria procumbens. Creeping wintergreen.

36. Smilacina racemosa.

37. Arisaema triphyllum.

38.# Sedum acre. Mossy Stone Crop. Abundant near the Lake making a moss-like area where found.

39. Galium triflorum.

40.# Diervilla trifida. Bush Honeysuckle. Found in thick underbrush on the margin of the marsh. Common, Just beginning to flower, mostly in bud. Branching shrubs 2 or 3 feet high.

41.# Tiarelle cordifolia. False Mitre-wort. Quite common in rich shady woods at edge of marsh.

42.# Cornus Canadensis. Dwarf Cornel. Bunch Berry. In rich soil in dense underbrush along the edge of a marsh.

43. Ranunculus abortivus micranthus.

44.# Aralia nudicaulis. Wild Sarsaparilla.

45. Stellaria Media.

46. Malva rotundifolis.

47. Cornus alternifolia. Found between marsh and sand ridges near the lake. Common, as was also C. stolonifera. The two species readily distinguishable by arrangement of leaves and color of the young branches,--dull, green in C. alternifolia and decidedly reddish in C.stolonifera.

48.# Acer spicatum. (Mountain Maple.) Only a few specimens seen. In flower.

Wednesday, June 13, 1894.

49. Cincus Pitcheri.
Sarnia, along St.Clair River.

50. Cynoglossum officinale.
Point Edward,Canada, at source of St.Clair River.

51. Verbena bracteosa.
Point Edward.

52. Enpatorium perfoliatum.
Sarnia, Canada, opposite Port Huron.

53. Nasturtium palustre.
Sarnia.

54. Nymphea reniformis.
St.Clair and Black Rivers.

55. Nuphar advena.
St.Clair and Black Rivers.

56. Verbascum Thapsus.

57. Nepeta Cataria.
Point Edward.

58. Nepeta Glechoma.
Point Edward.

59. Asclepias Cornuti.
Point Edward.

60. Potentillo fruticosa.
Along G.T.R.,between Sarnia and Point Edward; abundant.

61. Stellaria longifolia.
Long-leaved stitchwort, Sarnia.

62. Alyssum calycinum.

63. Ranunculus abortivus.

64. Ranunculus septentrionalis.

65. Melilotus officinalis.
Yellow Melilot.

SOME TREES NOTICED.

BY J.T.SCOVELL.

Pines,

Oaks,

Elms,

Maples,

Ashes,

Beeches,

Basswood,

Butternut,

Black-Walnut,

Hickory,

Tulip Tree,

Birch,

Spruce,

Willows,

Dog Woods,

Thorns,

Service Berry, &c.

LIST OF TREES SEEN ABOUT AU SABLE AND OSCODA, MICHIGAN.

BY J.T.SCOVELL AND D.C.RIDGLEY.

Pines, White, Norway and Jack.

Oaks, Red Oak. Maple, hard.

Linn, Willow, Birch, Beech.

Elm, White, Black Ash, Tamarac.

Hemlock, Cedar, Quaker Aspen.

Alder, Service Berry, Bogwoods, etc.

TREES SEEN ABOUT ALPENA.

Oak,

Pine, White and Norway.

Maple.

Birch,

Aspen,

Cedar,

Tamarac,

Alder,

Willow,

Spruce.

List of Plants observed along Lake Huron, June 5 to August 5, 1894.

Note. This list gives only a running list of plants noted, without reference to particular locality. Given in the order in which they occur in Gray's Botany.

1. Anemone Virginiana.
2. Anemone Pennsylvanica.
3. Hepatica triloba.
4. Thalictrum purpurascens.
5. Ranunculus aquatilis var.trichophyllus.
6. Ranunculus abortivus.
7. Ranunculus Pennsylvanicus.
8. Caltha palustrus.
9. Aquilegia Canadensis.
10. Podophyllum peltatum.
11. Brasenia peltata.

12. Nymphaea reniformis.

13. Nuphar advena.

14. Sarracenia purpurea.

15. Alyssum calycimun.

16. Nasturtium officinale.

17. Capsella Bursa pastoris.

18. Lepidium Virginicum.

Other mustards were found, but not identified with certainty.

19. Viola palmata.

20. Lyohnis Githago.

21. Stellaris media.

22. Cerastium viscosum.

23. Hypericum Kalmianun.

24. Malva rotundifolia.

25. Tilia Americana. Basswood. Linden.

26. Geranium maculatum.

27. Geranium Robertianum.

28. Impatiens.

29. Xanthoxylum Americanum. Prickly Ash.

30. Enonymus Americanus.

31. Acer Pennsylvanicum. Striped Maple. Bois Blanc Id.and northward.

32. Acer spicatum. Mountain Maple. Pt. Huron to Detour.

33. Acer saccharinum.

34. Acer rubrum.

35. Rhus Toxicodendron. Poison Ivy.

36. Rhus glabra. Sumac abundant and very common.

37. Lupinus perennis.

38. Melilotus alba.

39. Robinia Pseudacacia.

40. Vicia Americana.

41. Prunus pumila. Sand cherry.

42. Prunus serotina. Wild Black Cherry.

43. Spiraea salicifolia.

44. Physocarpus opulifolius. Nine bark.

45. Rubus odoratus. Purple flowering raspberry.

46. Rubus strigosus. Wild Red Raspberry.

47. Rubus villosus. Common or High Blackberry.

48. Rubus Canadensis. Low Blackberry. Dewberry.

49. Geum.

50. Fragaria Virginiana.

51. Potentilla Norvegica.

52. Potentilla Pennsylvanica.

53. Potentilla palustris. Marsh Five-finger.

54. Potentilla fruticosa. Shrubby Cinquefoil.

55. Potentilla Anserina. Silver-weed.

56. Potentilla Canadensis. Five-finger.

57. Agrimonia Eupatoria.

58. Rosa.

59. Pyrus sambucifolia.

60. Crataegus, perhaps two species: coccinea and tomentosa.

61. Amelanchier Canadensis.

62. Tiarella cordifolia.

63. Ribes. Wild Gooseberry.

64. Ribes. Wild currant.

65. Sedum acre. Mossy Stone-crop.

66. Myriophyllum.

67. Lythrum alatum.

68. Epilobium angustifolium. Willow-Herb. Fireweed.

69. Oenothera biennis. Common Evening Primrose.

70. Pastinaca sativa. Parsnip.

71. Aralia nudicaulis. Wild Sarsaparilla.

72. Cornus Canadensis. Dwarf Cornel. Pt. Huron to Detour.

73. Cornus circinata. Round Leaved Dogwood.

74. Cornus stolonifera. Red-osier Dogwood.

75. Cornus alternifolia.

76. Sambucus Canadensis.

77. Viburnum Lentago.

78. Lonicera glauca.

79. Diervilla trifida. Bush Honeysuckle.

80. Galium boreale.

Other Galiums were seen, but species not determined.

81. Eupatorium purpureum. Joe-Pye Weed.

82. Eupatorium perfoliatum. Boneset.

83. Solidagos.

84. Erigeron Philadelphicus.

85. Antennaria plantaginifolia. Plantain-Leaved Everlasting.

86. Anaphilis margaritacea. Pearly Everlasting.

87. Rudbeckia hirta.

88. Achillea Millefolium. Common Yarrow.

89. Chrysanthemum Leucanthemum. White Daisy.

90. Senecia aureus.

91. Cnicus lanseolatus.

92. Cnicus Pitcheri.

93. Cnicus muticus.

94. Cnicus arvensis.

95. Krigia amplexicaulis.

96. Taraxacum officinale. Dandelion.

97. Lactuca Canadensis.

98. Inuls Helenium. Elecampane.

99. Campanula rotundifolia. var.arctics. Very common.

100. Gaylussacia resinosa. Black Huckleberry.

101. Arctoslaphylos Uva-ursi. Bearberry.

102. Gaultheria procumbene. Creeping Wintergreen.

103. Chimaphila umbellata. Pipsisserva.

104. Pyrola rotundifolia.

105. Steironema lanceolatum.

106. Fraxinus. The Ashes.

107. Apocynum androsaemifolium. Spreading Dogbane.

108. Asclepias incarnata. Swamp Milkweed.

109. Asclepias Cornuti. Common Milkweed.

110. Cynoglossum officinale. Hound's tongue.

111. Lithospermum hirtum.

112. Ipomea.

113. Solanum Dulcamara. Bittersweet.

114. Datura Stramonium.

115. Verbascum Thapsus. Common Mullein.

116. Mimulus. Monkey-flower.

117. Veronica, two species, probably officinalis and serpyllifolia.

118. Castilleia coccinea. Scarlet painted-cup.

119. Pedicularis Canadensis. Lousewort.

120. Verbena urticaefolia.

121. Verbena hastata.

122. Verbena bracteosa.

123. Nepeta Cataria. Catnip.

124. Nepeta Glechoma. Ground Ivy.

125. Brunella vulgaris.

126. Leonurus Cardiaca.

Other mints were found, but the species not determined.

127. Pumex. Sorrel Dock.

128. Polygonum.

129. Ulmus. The Elms.

130. Morus rubra. Mulberry.

131. Urtica. Nettle.

132. Juglans. Walnut.

133. Carya. Hickory.

134. Betula--several species. Birch.

135. Alnus. Alder.

136. Quercus. The Oaks.

137. Fagus. Beech.

138. Salix. Willow.

139. Populus tremuloidea and others.

140. Pinus Strobus. White Pine.

141. Pinus resinosa. Norway Pine.

142. Picea nigra. Black Spruce.

143. Tsuga Canadensis. Hemlock.

144. Abies balsamea. Fir or Balsam.

145. Larix Americana. Tamarack.

146. Thuya occidentalis. White Cedar Arbor Vitae.

147. Juniperus communis. Common Juniper.

148. Juniperus Sabina. var.procumbens.

149. Calopogon pulchellus.

150. Habenaria virescens.

151. Habenaria psycodes.

152. Iris versicolor. Blue Flag.

153. Sisyrinchum. Blue-eyed Grass.

154. Smilax rotundifolia. Greenbrier.

155. Smilacina racemosa.

156. Maianthemum Canadense.

157. Uvularia. Bellwort.

158. Lilium.

159. Zygadenus elegans.

160. Pontederia cordata. Pickerel-weed.

161. Juncus. Rush.

162. Typha latifolia. Cat tail.

163. Alisma Plantago. Water Plantain.

164. Sagittaria. Arrow-Head.

Addenda: Not in the order of Gray's Botany.

165. Ampelopsis quinquefolia. Five-leaved Ivy.

166. Desmodium.

167. Xanthium Canadense. Cocklebur.

168. Arctium Lappa. Burdock.

169. Lactuca Scariola. Prickly Lettuce.

170. Steironema longifolium.

171. Asclepias tuberosa. Butterfly weed.

The above list is only a partial list, as not enough time was given to botanical work to make a <u>complete</u> list, but the above is believed to represent in a general way the flora of the Lake Huron Shore from Port Huron, M., to Detour, M.

Ferns.

172. Pteris Aquilina.

173. Osmunda regalis.

174. Osmunda cinnamomea.

175. Onoclea sensibilis.

176. Osmunda Claytoniana.

177. Onoclea Struthiopteris.

For Locality lists, see below.

The following are a few lists of limited localities, not intended as complete lists, but representative.

I. On a rocky island called "Lone Rock," Port Austin, Mich., June 27, 1894.

This "Lone Rock" is of the same rock as the shore at this point. It is about five rods from shore. The rock as a whole is about thirty feet long, twenty five feet

wide and fifteen feet above the water.

Its surface is covered with a very thin coating of soil. The rock is divided into three parts with channels about three feet wide between the parts.

The following list was made from plants growing on this rock.

1. Bearberry.
2. Amelanchier.
3. Osier Dogwood.
4. Pine.
5. Arbor vitae.
6. Raspberry.
7. Willow.
8. Alder.
9. Lonicera glauca.
10. Poplar.
11. June Grass.
12. a Crucifei.
13. Dandelion.

14.)
) Compositae.
15.)

16. Vetch.

17. Strawberry.

18.)
) Ferns.
19.)

20. Marchantia.

21. Moss.

II. The following list of plants were observed on Tawas Point July 12, 1894:

1. Bearberry.

2. Wintergreen.

3. Lambkill.

4. Campanula.

5. Pyrola rotundifolia.

6. Chimaphila umbellata Pipsiss

7. Spirea salicifolia.

8. Dewberry or Low Blackberry.

9. Maianthemum Canadense.

10. Calopogon pulchellus.

11. Krigia amplexicaulis.

12. Pitcher Plant.

13. Huckleberry.

14. Potentella palustris.

15. Potentilla Norvegica.

16. Iris versicolor.

17. Anemone Virginiana.

18. Achillea Millefolium.

19. Brunella vulgaris.

20. Boneset.

21. Milkweed.

22. Rose.

23. Strawberry.

24. Rudbeckia hirta.

25. Joe Pye weed.

26. Oaks.

27. Pines.

28. Maples.

29. Birch.

30. Willow.

31. Red-osier Dogwood.

III. Middle Island, Lake Huron, north of Thunder Bay.

1. Canada thistle.

2. Habenaria psycodes.

3. Geranium Robertianum.

4. Common Mullen.

5. Boneset.

6. Impatiens.

7. Potentilla Anserina.

8. Hypericum Kalmianum.

9. Brunella vulgaris.

10. Anemone Pennsylvanica.

11. Achillea Millefolium.

12. Potentilla Norvegica.

13. Wild Columbine.

14. Scarlet Painted Cup.

15. Bearberry.

16. Campanula.

17. Strawberry.

18. Ninebark.

19. Arbor vitae.

20. Balsam.

21. White Pine.

22. Norway Pine.

23. Birch.

IV. Along Hubbard Lake, 18 m. south-west of Alpena, M., July 25, 1894.

1. Rudbeckia hirta.

2. Agrimonia Eupatoria.

3. Anemone Virginiana.

4. Anemone Pennsylvanica.

5. Geum.

6. Five-leaved Ivy.

7. Steironema lanceolata.

8. Smilacina racemosa.

9. Thalictrum.

10. Red Raspberry.

11. Common thistle.

12. Wild Parsnip.

13. Achillea Millefolium.

14. High Blackberry.

15. Red-osier dogwood.

16. Round-leaved dogwood.

17. Ash.

18. Arbor vitae.

19. Birches.

20. Basswood.

21. Oak.

22. Elm.

23. Sumac.

V. Marquette Island, Les Cheneaux, August 5, 1894.

1. Bearberry.

2. Strawberry.

3. Rose.

4. Wild Parsnip.

5. Achillea.

6. Campanula.

7. Oenothera.

8. Willow-herb.

9. Hound's Tongue.

10. Malva rotundifolia.

11. Wild Lettuce.

12. Sorrel.

13. Arbor vitae.

14. Tamarack.

15. Spruce.

16. Balsam.

17. Juniper.

18. Willow.

19. Birch.

20. Cornus stolonifera.

21. Cornus Canadensis.

22. Striped Maple.

23. Mountain Maple.

24. Alder.

25. Pyrus sambucifolia.

26. Gooseberry.

27. Blackberry.

28. Red Raspberry.