

AN ANNOTATED LIST OF THE POACEAE OF CHEBOYGAN,  
 ALLEGAN, AND TOSCAIGN COUNTIES, MICHIGAN

Compiled by Virginia Garst  
 from published lists

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The nomenclature of this list is based on Hitchcock's "Manual of the Grasses of the United States", and published names which do not agree with Hitchcock's usage are given in parentheses.

The Roman numeral following the name indicates the tribe of which that species is a member, in accordance with Hitchcock.

The habitat in the county or counties where found is given (e.g. Emmet County, C. = Cheboygan County, and I.I. = Presque Isle County). The actual station is given only for little-known species.

The lists of grasses of the region already published are as follows:

Gates, F. C., and J. H. Ehlers. 1924. An annotated list of the higher plants of the region of Douglas Lake, Michigan, papers of the Michigan Academy of Science, Arts and Letters, 4: 185-284.

Gates, F. C., and J. H. Ehlers. 1927. Additions to an annotated list of the higher plants of the region of Douglas Lake, Michigan, Ibid., 8: 111-120.

Gates, F. C., and J. H. Ehlers. 1931. Additions to an annotated list of the higher plants of the region of Douglas Lake, Michigan, Ibid., 13 (1930): 57-88.

Harvey, L. H. 1940. Records for the Gramineae of the Douglas Lake region, Michigan, Ibid., 25 (1939): 45-46.

The list includes 110 species of grasses.

<u>ACTINOPHYTON</u> <u>caninum</u> (L.) Beauv. III		
Jack pines		C.
<u>ACTINOPHYTON</u> <u>desymbachyum</u> (Hook.) Scribn. III		
atrophila dunes in Cecil and Big Stone Bay		E.C.
<u>ACTINOPHYTON</u> <u>paniculiflorum</u> (Schwein.) Hitchc. ( <u>A. tenerum</u> Vasey) III		
thickets, dunes		E. C.
<u>ACTINOPHYTON</u> <u>repens</u> (L.) Beauv. III		
Roadsides and around buildings		E. C.
<u>ACTINOPHYTON</u> <u>smithii</u> Ryd b. III		
Roadsides		E.
<u>AGROSTIS</u> <u>hiemalis</u> (Walt.) B. S. P. ( <u>A. hiemalis</u> (Walt.) B. S. P.) V		
aspens		E. C.
<u>AGROSTIS</u> <u>palustris</u> Linds. V		
Meadows, aspens, dunes, better soils, roadsides, Cheboygan dump.		E. C.
<u>AGROSTIS</u> <u>tenuis</u> Sibth. ( <u>A. capillaris</u> L.) V		
Banks of Sessey Creek, Wycamp Lake.		E. C.
<u>ALOPECURUS</u> <u>aequalis</u> Sobol. ( <u>A. aristulatus</u> Michx.) V		
Bogs		E. C.

<sup>1</sup>Hitchcock, A. S. 1935. Manual of the Grasses of the United States, United States Department of Agriculture Miscellaneous Publication No. 200.

Alopecurus geniculatus L. V  
 Bogs and ditches E. C.

Ammophila arenaria (L.) Link V  
 Single dune on South rishtail; Cecil and Sig Stone Bays E. C.

Andropogon furcatus Luhl. All  
 Jack pines E. C.

Andropogon scoparius Michx. All  
 Jack pines, lumber mill, railroad ballast E. C.

Avena sativa L. (Avena byzantina C. Koch) IV  
 Roadsides and sand dunes. E. C.

Beckmannia syzigachne (Steud.) Fernald VII  
 Stream border E.

Brachyelytrum erectum (Schreb.) Beauv. V  
 Moist woods ( Trout creek, north rishtail) E. C.

Bromus ciliatus L. I  
 Willow- and alder-thicket E. C.

Bromus inermis Leyss. II  
 Roadsides (Levering) E. C.

Bromus japonicus Thunb. II  
 At biological station (introduced in 1927, not seen since 1930) C.

Bromus kalmii A. Gray II  
 Jack pine plains; sig Stone Bay E. C.

Bromus mollis L. (B. hordeaceus L.) II  
 Cottage yard, north shore of Surt Lake C.

Bromus purgans L. II  
 Ramparance point E.

Bromus racemosus L. (B. hordeaceus glabrescens (Cass.) Shear.) II  
 Cottage yard, north shore of Surt Lake C.

Bromus secalinus L. II  
 Old saw-dust pile E. C.

Bromus tectorum L. II  
 Railroads and roadsides E. C.

Calamagrostis canadensis (Licht.) Beauv. V  
 Meadows around bogs and lowlands E. C.

Calamagrostis inexpectata A. Gray. (Including records of C. hyperborea Lang.) V  
 Boggy habitats, lake shores E. C.

Calamovilfa longifolia (Hook.) Scribn. V  
 Dunes, sig Stone Bay. E. C.

Cenchrus muciflorus Benth. All  
 Railroad ballast E. C.

Cinna latifolia (Trevir.) Griseb. V  
 Lowland woods. E. C.

Dactylis glomerata L. II  
 Roadsides; gorge E. C.

Danthonia spicata (L.) Beauv. IV  
 Aspens E. C.

Deschampsia caespitosa (L.) Beauv. (Aira caespitosa L.) IV  
 Shores of Sturgeon and Cecil Bays E. C.

Deschampsia flexuosa (L.) Trin. (Aira flexuosa L.) IV  
 Jack pines; pine woods south of sig Stone Bay. E. C.

Digitaria sanguinalis (L.) Scop. (Syntherisma sanguinalis (L.) Dulac) All  
 Wellston Mill-yard. E.

Helinopsis scrupealis (L.) A. N. S. W. All  
 Roadsides, cultivated ground. E. C.

Stipa canadensis L. III  
 Sand dunes and bays. E. C.

Mayus virginicus L. III

- Eragrostis ciliaris (All.) Link. II  
Local (Millard at Felston; local (1000 ft.)) E. C.
- Eragrostis frankii C. & S. Noyes (E. frankii Steud.) II  
Mill yard, Felston E.
- Eragrostis poaeoides Beauv. II  
Railroad E.
- Festuca elatior L. II  
Roadside; sandy shores. E. C.
- Festuca obtusa Spreng II  
3rd cond-growth hardwoods. E. C.
- Festuca occidentalis Hook. II  
Aspens (rare along Gas & Line near Biological Station) E. C.
- Festuca octoflora Walt. II  
Roadside. C.
- Festuca ovina L. II  
Aspens in pine land E. C.
- Glyceria borealis (Nash.) Batchelder II (Panicularia borealis Nash)  
Wet areas--bogs and streams. E. C.
- Glyceria canadensis (Michx.) Trin. (Panicularia canadensis Kuntze) I  
Roadside ditch C.
- Glyceria grandis S. Wats. (Panicularia grandis (S. Wats.) Nash) II  
Bank of stream E. C.
- Glyceria septentrionalis Hitchc. (Panicularia septentrionalis Bicknell) I  
Mouth of Nigger Creek C.
- Glyceria striata (Lam.) Hitchc. (Panicularia nervata (Willd.) Kuntze) I  
Wet-ground associations E. C.
- Microchloa odorata (L.) Beauv. (Horresia odorata (L.) Hitchc.) VIII  
Myrica thickets, bog edges, lowland woods. E. C.
- Hordeum jubatum L. III  
Waste places. E. C.
- Hystrix patula Moench. (H. hystrix (L.) Millsp.) III  
Beech-maples. E. C.
- Ischaemum cristata (L.) Pers. IV  
Biological Station grounds C.
- Ischaemum oryzoides (L.) Swartz. (Homalocenchrus oryzoides (L.) Coll.) I  
Secondary species in Carex associations; moist sand E. C.
- Lolium multiflorum Lam. III  
Cott ge yard, north end of Hurt Lake E. C.
- Lolium perenne L. III  
Cottage yard, north shore of Hurt Lake. C.
- Lolium toulouentum L. III  
Cheboygan dump. C.
- Lolium smithii (Porter) Vasey II  
Beech-maple (Levors; Mud Lake, Sigsville) E. C.
- Lolium olivaceum L. V  
Beech-maple forests. E. C.
- Luhlenbergia foliosa var. seticulmis (S. Wats.) Scribn. (L. ambigua Torr.) I  
Road west of Poni nabe E. C.
- Luhlenbergia mexicana (L.) Pein. V  
Roadsides E. C.
- Luhlenbergia racemosa (Michx.) B.S.P. V  
Bogs and streams. E. C.
- Luhlenbergia sylvatica Torr. (L. umbrosa Scribn.) V  
Munes, Douglas Lake; Maple River and Bossey Creek. E. C.
- Luhlenbergia uniflora (Luhl.) Fernald. V  
Swampy shores of lakes E. C.
- Oryzopsis asperifolia Michx. V  
Sandier aspens. I.
- E. C.

<u>Oryza psis pungens</u> (Torr.) Hitchc.			
Pine-land aspens			E. C.
<u>Panicum boreale</u> Nash	XII		
Wet woods (ycamp Lake)			E.
<u>Panicum boschii</u> Pir.	XIV		
Becc-maple woods (Colonial Point)			C
<u>Panicum capillare</u> L.	XII		
roadsides			E. C.
<u>Panicum deauperatum</u> Muhl.	XII		
Aspens			E. C.
<u>Panicum huachucae</u> Asho.	XII		
Aspens and low ground.			E. C.
<u>Panicum imlicatu</u> Scribn.	XII		
Beach (ledge on Pine Point); aspens, near the lake			E. C.
<u>Panicum latifolium</u> L.	XI		
Swampy aspens (south of Turt Lake)			E. C.
<u>Panicum linearifolium</u> Scribn.	XII		
Aspens.			C.
<u>Panicum meridionale</u> Ashe	XII		
Sandy aspens			E. C.
<u>Panicum praecocius</u> Hitchc. and Chase			XII
Unstable dunes on Douglas Lake.			C.
<u>Panicum scoparium</u> Schult.	XII		
Swampy edge of Lake 16)			E.
<u>Panicum tennesseense</u> Michx.	XII		
Pine-land aspens			E. C.
<u>Panicum turgidum</u> Nash	XII		
Old vegetated sand dunes.			E. C.
<u>Panicum villosissimum</u> Nash.	XI		
Wet strand (Sturgeon Bay)			E.
<u>Panicum virgatum</u> L.	XII		
Carp Creek bridge; marshy jack pines.			C.
<u>Panicum vernerii</u> Scribn.	XII		
Aspens.			C.
<u>Panicum xanthophysum</u> A. Gray	XII		
Sandy aspens.			E. C.
<u>Phalaris arundinacea</u> L.	VIII		
Calamagrostis association (Dessy Creek, Maple River, Sturgeon Bay)			E. C.
<u>Phalaris canariensis</u> L.	VIII		
Swampy ground			C.
<u>Phleum pratense</u> L.			
Roadsides, aspens, cut-over hardwoods, escaped from cultivation.			E. C.
<u>Phragmites communis</u> Trin.	II		
Flats in bays, wet ground			E. C.
<u>Poa alodes</u> A. Gray	II		
Bogs (Acese's)			E. C.
<u>Poa annua</u> L.	II		
Roadsides, better soils.			E. C.
<u>Poa compressa</u> L.	II		
Roadsides, meadows, and aspens.			E. C.
<u>Poa nemoralis</u> L.	II		
Str. ans.			E. C.
<u>Poa pulcherrima</u> L.	II		
Open wooded areas, both upland and boggy.			E. C.
<u>Poa pratensis</u> L.	II		
Aspens, meadows, roadsides.			E. C.

Aspens (North Fishtail Bay area) C.  
Poa sylvestris A. Gray II  
 Wooded areas. C.  
Schizachne purpurascens (Torr.) Swallen (Melica purpurascens (Torr.) Hitchc.) II  
 Heavily-wooded birch-maple E. C.  
Secale cereale L. III  
 Roadsides and railroads; escaped from cultivation. E. C.  
Setaria italica (L.) Beauv. (Chaetochloa italica (L.) Scribn.) XII  
 Burned-over areas E. C.  
Setaria lutescens (Weigel) F. T. Hubb. (Chaetochloa lutescens (Weigel) Stuntz) XII  
 Roadsides; Mud Lake and Munro Lake E. C.  
Setaria viridis (L.) Beauv. (Chaetochloa viridis (L.) Scribn.) XII  
 Roadsides; cultivated ground. E. C.  
Sorghastrum nutans (L.) Nash XIII  
 Jack pines C.  
Spartina pectinata Link. (S. Michauxiana Hitchc.) VII  
 Low on dunes, at the edge of ice work. E. C.  
Sphenopholis pallens (Spreng.) Scribn. IV  
 Boggy parts of aspens; rare E. C.  
Sporobolus cryptandrus (Torr.) A. Gray V  
 Roadsides C.  
Panicum melicoides (Michx.) Scribn. IV  
 Shore of South Fishtail; rare. C.  
Panicum aestivum L. III  
 Vicinity of lumber camps. E. C.  
Poa trivialis L. XIV  
 Railroads, roadsides, escaped from cultivation E. C.  
Potamogeton amplifolius L. X  
 Aquatic (Crooked River) E. C.