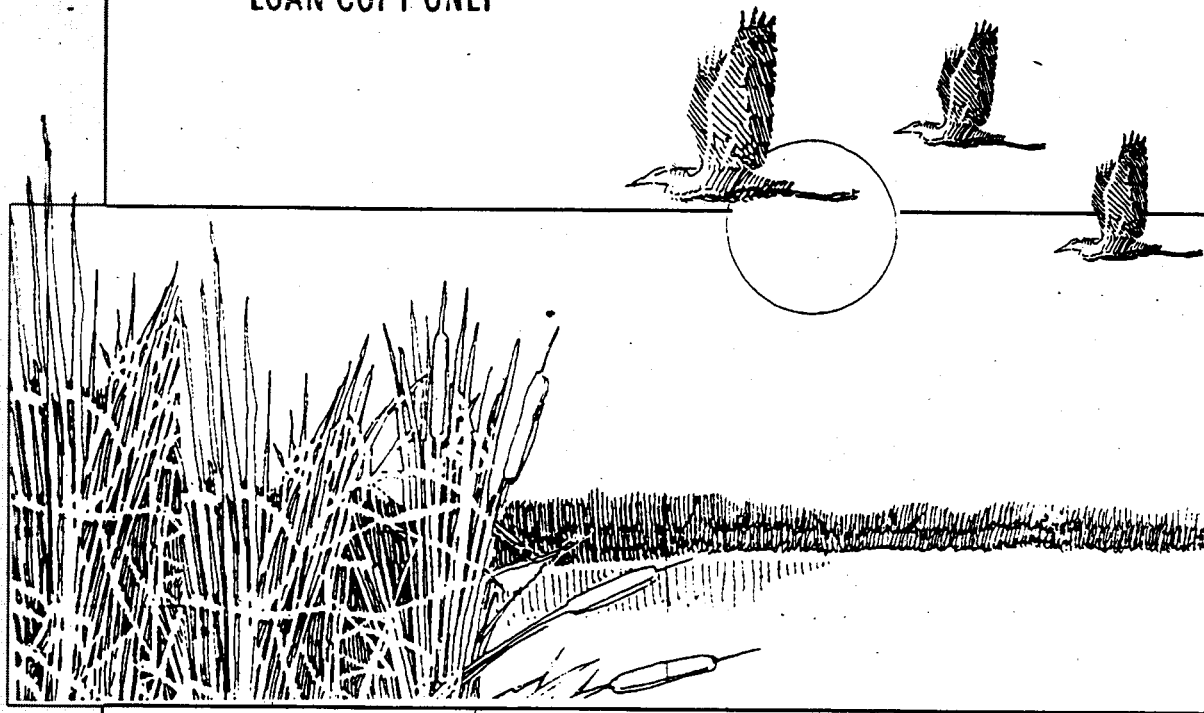


LOAN COPY ONLY



Old Woman Creek National Estuarine Research Reserve
& State Nature Preserve

TECHNICAL REPORT No. 13

**Catalogue of the Algal Flora of
Old Woman Creek Estuary, Watershed,
and Adjacent Waters of Lake Erie**



by
Charles E. Herdendorf
Ricki C. Herdendorf
David M. Klarer

Old Woman Creek Site Profile - Contribution No. 4

Catalogue of the Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie

**Old Woman Creek National Estuarine Research Reserve
and State Nature Preserve**

Technical Report No. 13

Old Woman Creek Site Profile – Contribution No. 4

David M. Klarer, Ph.D.

Old Woman Creek State Nature Preserve
Division of Natural Areas & Preserves
Ohio Department of Natural Resources
Huron, Ohio 44839

Charles E. Herdendorf, Ph.D.

Department of Evolution, Ecology, & Organismal Biology
Museum of Biological Diversity
The Ohio State University
Columbus, Ohio 43210

Ricki C. Herdendorf

EcoSphere Associates
1507 Cleveland Road East
Suite 410
Huron, Ohio 44839

OHSU-TB-051

February 2000

This publication is the result of research sponsored by the U.S. Department of Commerce, National Oceanic & Atmospheric Administration, National Ocean Service, Office of Ocean & Coastal Resources Management, Sanctuary Programs Division; Ohio Department of Natural Resources, Division of Natural Areas & Preserves; and The Ohio State University, Center for Lake Erie Area Research and Franz Theodore Stone Laboratory. The authors wish to acknowledge the assistance of Gloria Pasterak in the preparation of this report.

Catalogue of the Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie

TABLE OF CONTENTS

Introduction	1
Algal Flora and Lower Plants	2
Algal Flora	3
Lower Plants	6
Catalogue	13
References Cited	14
Appendix A Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie	A-1
Appendix B Checklist of Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie	B-1
Appendix C Alphabetized List of Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Lake Erie by Scientific Name	C-1
Appendix D Alphabetized List of Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Lake Erie by Common Name	D-1
Appendix E Synonyms for Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie	E-1

Catalogue of the Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie

INTRODUCTION

Although much of Ohio's Lake Erie shoreline is highly developed, a few areas with significant natural features remain relatively undisturbed. One of these is a freshwater estuary located at the mouth of Old Woman Creek, about 5 km east of the city of Huron, Ohio. On the south shore of Lake Erie, this estuary lies near the southernmost point of the Great Lakes system. The Ohio Department of Natural Resources (ODNR) began the process of acquiring the property surrounding this estuary in 1975 and applied to the National Oceanic and Atmospheric Administration (NOAA) for financial assistance to protect this unique natural area. In 1980 Old Woman Creek estuary received National Estuarine Research Reserve (NERR) designation. The NERR system is a network of federal, state, and community partnerships which serve to promote informed management of our nation's estuarine and coastal habitats through linked programs of scientific understanding, public education, and stewardship. The 230-hectare Old Woman Creek National Estuarine Research Reserve and State Nature Preserve (hereafter referred to as the Reserve) serves as a field laboratory where scientists can study naturally functioning systems and is a place where students and the public can learn about estuarine ecology in a natural setting.

As a transition zone between land and water, Old Woman Creek estuary and its immediate environs contain several distinct habitats, including woodlands, a prairie remnant, creek valley, swamp forest, marshes, wooded coves, open waters of the estuary, an island, barrier beach, and nearshore Lake Erie (Figure 1). The estuary is the drowned mouth of a relatively small tributary to Lake Erie. Estuarine wetlands, consisting of 60 hectares, extend 2 km south of the Lake Erie shore. As the result of wave action and littoral drift, a barrier beach has formed at the mouth which bars off the estuary for extended periods. The barrier is periodically broken by storm flow from the watershed, but occasionally Lake Erie storm surges spill over the bar and into the estuary.

Old Woman Creek drains 69 km² of primarily agricultural land in eastern Erie County and northeastern Huron County. The headwater tributaries of Old Woman Creek originate on a till plain surface at an elevation of approximately 270 m above sea level (Figure 2). The creek empties into Lake Erie 24 km downstream, dropping 96 m as it flows over the rolling till plain, through the high Berea escarpment, and down the gentle lake plain. Two main branches, east and west, originate in the till plain, cut independently through the sandstone escarpment, and join on the lake plain about 2 km south of the estuary. Floral habitats within the watershed include hardwood forests, meadows, ravines, sandstone hills, abandoned beach ridges, creek banks, floodplains, active and old agricultural fields, and rights-of-way margins.

As a member of the NERR system, the mission of the Reserve is to ensure the long-term protection of Old Woman Creek estuary and to provide for long-term research, monitoring, and education through comprehensive on-site administration and management. To achieve this mission, four goals have been established for the Reserve: (1) establish, manage and maintain a protected area typical of a Great Lakes estuary within the national network that represents the diverse biogeographical and typological estuarine ecosystems of the United States, (2) mobilize federal, state, and community resources to mutually define and achieve goals for coastal protection and wise uses of coastal attributes, (3) design and initiate a comprehensive program of research and monitoring to address estuarine science questions and coastal management issues, and (4) develop a compelling educational, interpretive, and information transfer program based on solid scientific principles to strengthen the understanding, appreciation, stewardship, and enlightened use of estuaries, coastal habitats, and associated watersheds.

In the 20 years that the Old Woman Creek Reserve has been in existence well over 100 research and monitoring projects have been completed by the professional staff and visiting researchers. The results of these studies have been reported in numerous scientific publications, technical reports, and student papers. Building on earlier studies, these research activities have added materially to our knowledge of the estuary, its watershed, and the adjoining waters of Lake Erie, and to our understanding of the complex ecological interactions that take place in these environments. The purposes of the Site Profile, of which this *Catalogue of the Algal Flora and Lower Plants* is a contribution, are to provide an overview of what we have learned about Old Woman Creek estuary and its environs in the past two decades, and to present general concepts that can be transferred to other estuarine and coastal wetlands environments throughout the Great Lakes region. To achieve these objectives, the Site Profile process is designed to (1) compile scientific datasets relating to the Reserve, (2) characterize the physical and biotic components of the environment, (3) synthesize the known ecological relationships within the Reserve and its watershed, (4) trace the impact of natural and human disturbances, and (5) explore the need for future research, education, and management initiatives.

ALGAL FLORA AND LOWER PLANTS

For the purposes of this catalogue, "algal flora" is considered as those chlorophyll-bearing, aquatic organisms that lack vascular systems, true tissues, and root, stem, and leaf organs (Gray 1970) and "lower plants" include the fungi, lichens, mosses, horsetails, and ferns – those aquatic and terrestrial plant-like organisms with less complex vegetative and reproductive morphology than the gymnosperms (conifers) and angiosperms (flowering plants). The "higher plants" are addressed in Technical Report No. 10 of this series (a few of the lower plant groups that are partially covered in No. 10 are repeated in this catalogue in order to present the lower plants as a complete unit).

In general, the grouping of species into divisions, classes, orders, and families follows the classification system presented in *Synopsis and Classification of Living Organisms* (Parker 1982), except where noted. The algal flora and lower plants found in the vicinity of the Reserve embrace four of the five kingdoms of living organisms (Margulis and Schwartz 1988). As defined by Round (1969), this grouping includes the following major divisions (with typical examples):

- | | |
|---|--|
| <p>Kingdom Monera
Cyanobacteria (blue-green algae)</p> <p>Kingdom Protista
Rhodophytes (red algae)
Chrysophytes (golden & yellow-green algae)
Pyrrhophytes (fire algae)
Cryptophytes (cryptomonads)
Euglenophytes (euglenoids)
Chlorophytes (green algae)</p> | <p>Kingdom Fungi
Myxomycetes (slime molds)
Phycomycetes (algal fungi & water molds)
Ascomysetes (yeasts, molds & cup fungi)
Basidiomycetes (mushrooms, smuts, & rusts)
Deuteromycetes (imperfect fungi)
Mycophycohytes (lichens)</p> <p>Kingdom Plantae
Bryophytes (mosses & liverworts)
Lycopodiophytes (clubmosses)
Equisetophytes (horsetails & scouring rushes)
Filicophytes (ferns)</p> |
|---|--|

ALGAL FLORA

The primary features used to classify algae into their six divisions include (1) nuclear type, (2) pigmentation, (3) cell wall composition, and (4) locomotory organs:

NAME & TYPICAL COLOR	NUCLEUS	PIGMENT	CELL WALL	LOCOMOTION
Cyanophyta (blue-green)	prokaryotic	chlorophyll <i>a</i> phycocyanin phycoerythrin	mucopeptide	some float & glide
Rhodophyta (red)	eukaryotic	chlorophyll <i>a, d</i> carotenoids phycoerythrin	cellulose	attached
Chrysophyta chrysophytes (golden-brown)	eukaryotic	chlorophyll <i>a, c</i> carotenoids xanthophylls	pectin	few flagellated
xanthophytes (yellow-green)	eukaryotic	chlorophyll <i>a, c</i> carotenoids xanthophylls	pectin	most flagellated
diatoms (golden)	eukaryotic	chlorophyll <i>a, c</i> carotenoids xanthophylls	silica	sessile; some float
Pyrrhophyta dinoflagellates (red-brown)	eukaryotic	chlorophyll <i>a, c</i> xanthophylls	cellulose; may be in armored plates	all flagellated
Cryptophyta (various)	eukaryotic	chlorophyll <i>a, c</i> carotenoids phycoerythrin	absent	flagellated
Euglenophyta (green)	eukaryotic	chlorophyll <i>a, b</i> xanthophylls	absent	flagellated
Chlorophyta (grass green)	eukaryotic	chlorophyll <i>a, b</i> carotenoids xanthophylls	cellulose	some flagellated

DIVISION CYANOPHYTA (blue-green algae)

Blue-green algae, sometimes called cyanobacteria, are the most primitive photosynthetic organisms in the estuary. Like the true bacteria, they have a prokaryotic cell structure – characterized by the lack of a nuclear membrane and distinct chloroplasts (plastids containing chlorophyll). They occur in unicellular, filamentous, and colonial forms which are usually encased in mucilaginous sheaths. Most of the blue-greens identified in Old Woman Creek estuary are planktonic and are either spherical-shaped members of the family Chroococcacea (e.g., *Microcystis* and *Coelosphaerium*) or unbranched, filamentous forms (e.g., *Anabaena* and *Oscillatoria*) in several families.

DIVISION RHODOPHYTA (red algae)

Like the brown algae (Phaeophyta), the red algae are dominantly marine and are only sparsely represented in freshwater. One species, *Bangia atropurpurea*, occurs as short tufts or dense mats on partially submerged rocks near the splash zone along Lake Erie shore. The simple, unbranched filaments are brownish purple in color and appear in late spring to early summer but disappear by mid-summer.

DIVISION CHRYSOPHYTA (golden & yellow-green algae)

Class Chrysophyceae (golden-brown algae)

Chrysophytes contain chromatophores that often produce a golden-brown coloration because of the high content of carotenoid and xanthophyll pigments. Most chrysophytes are unicellular and most cells are unflagellated. Many species lack a cell wall while others covered with calcareous or siliceous scales. Benthic and planktonic members of the estuary community include *Chrysococcus*, *Dinobryon*, and *Mallomonas*.

Class Xanthophyceae (yellow-green algae)

Yellow-green algae are unicellular, colonial, or filamentous in form and are characterized by noticeable amounts of carotenoid pigments in comparison to chlorophyll that results in their distinct coloration. Most cells are motile, actuated by two flagella, one of which is considerably longer than the other. The cell wall, when present, contains a large amount of pectin and some species are silicified. Xanthophytes are often associated with substrates in the estuary, but a few are planktonic such as *Ophiocytium*.

Class Bacillariophyceae (diatoms)

Diatoms are one of the most important group of algae in the estuary and the most important algal group in Lake Erie's nearshore waters. Over 300 species of diatoms have been identified from these habitats. Although the majority of species are sessile and associated with littoral vegetation or bottom sediments, many are important in the phytoplankton. Both unicellular and colonial forms are common. The class is divided in two orders based on shape: (1) Centrales are

centric diatoms with radial symmetry and (2) Pennales are pennate diatoms with bilateral symmetry. The cell wall (frustule) consists of two lid-like, silica valves which fit together one within the other. The siliceous frustule incorporated a variety of delicate and ornate structures that are useful as taxonomic characteristics (Wetzel 1983). Dominant genera include *Aulacoseira*, *Gomphonema*, *Fragilaria*, *Navicula*, and *Nitzschia*.

DIVISION PYRRHOPHYTA (fire algae)

Class Dinophyceae (dinoflagellates)

Dinoflagellates differ from other bi-flagellated algae in having one of the two flagella circumscribing the body in a transverse groove or “girdle” while the other extends from the girdle posteriorly through a narrower groove. In most species the body is armored with thick cellulose plates ranging in color from reddish-brown to yellow, which form a case or theca. The shape and number of these plates are an important taxonomic character for species identification. The upper part of the armored cell is referred to as the epitheca and the lower part is the hypotheca. A common Lake Erie planktonic dinoflagellate is the genus *Ceratium*, which has a shape that often resembles the Eiffel Tower. The genus *Gymnodinium*, which at times reaches bloom proportions in the estuary, has green chromatophores but lacks a distinct protective cellulose theca.

DIVISION CRYPTOPHYTA (cryptomonads)

Cryptomonads are unicellular and motile by virtue of two anterior flagella. They are naked, in that they lack true cell walls, but possess distinct reservoir pockets and chloroplasts which contain a variety of pigments ranging from olive brown to blue to red. These algae are very small and flattened dorsoventrally. They comprise a common planktonic group in the estuary and in Lake Erie. They can be particularly abundant in the winter months under low light conditions. Common representatives include several species of *Cryptomonas* and *Rhodomonas*.

DIVISION EUGLENOPHYTA (euglenoids)

Euglenoid algae are unicellular, flagellates that typically have grassy green chloroplasts and a reddish sigma (eyespot with photoreceptive function). They store carbohydrates as granules in specialized reservoirs. Few species are truly benthic, most are planktonic in the estuary. Members of the genus *Trachelomonas* are housed in a self-secreted lorica which varies in shape depending on the species and environmental conditions.

Organisms known as “euglenoids” constitute a controversial group in terms of the traditional plant versus animal debate. Most euglenoids are chlorophyll-bearing (chlorophytes), protozoa-like organisms of the Protista, and as such the chlorophytes can be considered members of the algae, division Euglenophyta (Taft and Taft 1971). Euglenoids in the order Peranemida are colorless and obtain their nutrition by absorbing dissolved food through the cell membrane (saprobic) or by the ingestion of organic material as animals must do (holozoic). Because they exhibit a distinct gullet in

contrast to the indistinct gullet of the pigmented euglenoids, they are considered invertebrate protozoans and are not here listed as a component of the algal flora (see Old Woman Creek Technical Report No. 12 for *Catalogue of Invertebrate Fauna*).

DIVISION CHLOROPHYTA (green algae)

Chlorophytes represent a large and diverse group of algae in the estuary which includes both benthic and planktonic forms. Green algae are a major component of the phytoplankton and includes such common genera as *Ankistrodesmus*, *Chlamydomonas*, *Closterium*, *Scenedesmus*, and *Pediastrum*. Filamentous, benthic forms of green algae include *Cladophora* and *Ulothrix*. The cell walls of green algae, like those of vascular plants, are composed cellulose and pectins. In some species, the walls are encrusted with calcium carbonate, silica, and other minerals such as iron oxides. The chloroplasts of this division are grass green, the result of a mixture of chlorophyll *a* and *b* and various accessory pigments. Body plans of greens shows a great range of organization, including unicellular, colonial, filamentous, membranous (sheetlike), and tubular types.

LOWER PLANTS

Although most groups of lower plants are active in the fixation of carbon and the building of more complex organic molecules through the process photosynthesis, bacteria and fungi perform the equally vital breakdown of organic matter. Without these recycling organisms, the land and waters of the Reserve would rapidly become choked with debris that could only be decomposed slowly by chemical processes. Many of the environmental processes that we think of as purely chemical are mediated by microorganisms, such as the formation of rust (iron oxidation) can be facilitated by the bacteria *Leptothrix* – a common form in freshwater marshes. While bacteria tend to invade any organism as soon as it dies or is damaged, fungi, because they are larger and slower growing, are often secondary invaders (Round 1969). Saprophytic fungi, those growing on dead material, are thus the most numerous. Fundamentally, fungi are plant-like organisms that lack chlorophyll, cilia, or flagella (except some chytrids and oomycetes) and that form spores. Many construct a complex interweaving mass of the fungal hyphae (filamentous threads that make the body of a fungus) in upland habitats, while unicellular species occur in the sediments of the estuary and surrounding soil, releasing fungal spores or fragments into the water and air.

DIVISION MYXOMYCOTA (mucus molds)

Class Myxomycetes (true slime molds)

Slime molds are "animallike plants" found in freshwater, in damp soil, and on rotting vegetation, particularly in woodlands on fallen logs. In the course of their life cycle, independently feeding amoeboid forms aggregate into a slimy mass or wet scum (plasmodium) that eventually dries and transforms itself into spore-forming reproductive body. Once released, the spores are dispersed by air currents. Typically the plasmodia are pigmented orange or yellow, but none

photosynthesize. They feed by engulfing decaying vegetation. As the mass dries the plasmodial protoplasm becomes concentrated into a mound, from which stalked fruit (sporangia) grow. Over 50 species of Myxomycetes have been reported for the region surrounding the Reserve.

DIVISION PHYCOMYCOTA (algal fungi & water molds)

Members of this division of fungi are believed to be derived from algal progenitors which had lost their chlorophyll. As a result, phycomycetes have assumed a parasitic or saprophytic mode of life. Most species have nonseptate mycelium, in that they do not have cross walls in the mass of hyphae constituting the body of the fungus. This division contains the water molds which are frequently parasitic on algae or inhabit organic sediments. Over 40 species of both parasitic and saprophytic water molds have been reported for the Lake Erie islands to the west of the Reserve.

Class Chytridiomycetes (chytrids or cooking pot fungi)

These tiny fungi are the only ones which possess motile cells with a single posterior flagellum. Chytrids have a simple sac-like thallus (undifferentiated body). Many species are aquatic and parasitize algae to such an extent that they can alter the balance of populations (Round 1969). Others are saprophytic on plants and animals in water and soil. Like other fungi, they feed and grow by extending threadlike hyphae (sometimes called rhizoids) into living hosts or dead organic debris, where they secrete digestive enzymes and absorb the resulting nutrients.

Class Oomycetes (egg fungi)

Oomycetes include fungi known as water molds, white rusts, and downy mildews. They also feed by extending hyphae into their hosts tissue and appear most commonly as a gray fuzz on dead animals. *Saprolegnia* causes diseases in fish and fish eggs and may do significant damage in a fish hatchery. Members of this genus invade the skin of fish, consumes their scales and flesh, and finally kills the fish. Oomycetes produce zoospores that swim by means of two flagella (undulipodia) of unequal length. After transformation, zoospores germinate and grow a new thallus, the cell walls of which are composed of cellulose.

Class Zygomycetes (pair fungi)

This class of fungi lack cross walls (septa) and reproduces by means of spores and by conjugation (transmission of genetic material from a donor to a recipient cell). No flagellated cells have been found in this class. Many of them live on decaying vegetation. Representatives of two orders have been reported in the region surrounding the Reserve. Members of the order Mucorales are mostly saprobic, in that they excrete extracellular digestive enzymes and adsorb dead organic matter, whereas those in the order Entomophthorales are parasitic on animals, mainly insects.

DIVISION ASCOMYCOTA (ascomycetes or bladder fungi)

This division contains many familiar forms of fungi, such as yeast, fruit molds, morels, and truffles, as well as most of the fungal partners in lichens and other diverse parasitic and pathogenic

forms. Members are known by one distinguishing feature, the ascus – from which the name of this division is derived – a saclike structure containing the spores (ascospores). Some of the spore-producing fruiting bodies are large and edible, such as the morel or sponge mushroom, *Morchella*.

Class Hemiascomycetes (yeasts)

This class includes many yeasts and other simple ascomycetes, such as fungi which cause peach leaf curl (*Taphrina deformans*) and plum pockets (*Taphrina communis*). The asci of this group is not enclosed in an ascocarp (a spherical or cup-shaped fruiting body). Many species are parasitic on ferns and higher plants, causing spots and galls on leaves stems and fruit.

Class Loculoascomycetes (scab molds)

This class contains many species which are parasitic on economically important food plants. Some attack the leaves of many plants while others cause apple and pear scab. Members of this class have a characteristic bitunicate asci – the inner wall of the spore sac is elastic and expands greatly beyond the outer wall when spores are released.

Class Plectomycetes (fruit molds)

Aspergillus and *Penicillium* are well known genera in this class. These fungi form green and blue colonies fruits and produce organic acids that attack natural fibers. The fruiting bodies (ascocarps) are formed by a loose interwoven masses of hyphae, while the asci are usually unitunicate – the inner and outer wall ascus wall are more or less ridge and do not separate when spores are ejected. The spores are dispersed by air currents.

Class Pyrenomycetes (flask fungi)

This class contains the powdery mildews (order Erysiphales) and several orders of flask-shaped fungi. The "powdery" nature of the mildew is the result of chains of spores (conidia) budding off the spore sacs (conidiophores) at the tips of the hyphae. These fungi are mostly superficial, creating a coating of mycelium on stems, leaves, buds, and fruits of the host plants. The flask fungi, usually dark or brightly colored, often infest grasses and grains, producing a hardened hyphal mass (sclerotium) that resembles the grain in shape.

Class Discomycetes (disc fungi)

This class includes the cup fungi, earth tongues, and rots. Brown rot of stone and pome fruits (e.g., peaches and apples) is caused by members of the genus *Sclerotinia*. This fungus spread rapidly by means of oval conidia budding off in chains. As the growing season progresses, the hyphae which have spread throughout the fruits causes these to shrivel and mummify – they can often be seen attached to the fruit trees in winter. Those which fall to the ground and become buried will, in later years, grow long-stalked fruiting bodies (apothecia) of cup fungus from the mummified fruits (Round 1969).

DIVISION BASIDIOMYCOTA (basidiomycetes or small base fungi)

Basidiomycetes are the most advanced division of fungi and can be distinguished from all others by the basidium – a microscopic clublike reproductive structure (spore producer) from which their name is derived. This division contains all of the woody fungi and nearly all of the large fleshy forms, including all but a few of the edible and poisonous mushrooms. Most basidiomycetes go through three stages of development, involving the production of basidiospores which upon germination give rise to septate (cross-walled) mycelia with uninucleated cell. When two compatible hyphae from mycelia meet, nuclei pass from one to another and a binucleated mycelium is formed, from which the plant body (thallus) is produced. With forest tree and shrubs, certain basidiomycetes form symbiotic associations called mycorrhizae. Mycorrhizal fungi are important mediators in the transfer of phosphorous and nitrogen to the host plants.

Class Teliomycetes (rust & smut fungi)

Two important groups of plant parasites – smuts and rusts – form this class. The smuts form sootlike masses (teliospores) in the ovaries of grasses, in the anthers of the pink family (Caryophyllaceae), and on the leaves of the buckwheat family (Polygonaceae). The parasitic mycelium tends to concentrate in the meristematic regions of the plant (sites of active cell division) without causing much damage to vegetative growth. The rusts are much more complex and are mostly obligate parasites producing colored (often red) spore bodies (sori) which burst through the leaf or stem of the host. Some rusts have up to five stages in their complex life history. The most infamous of the rusts is *Puccinia graminis*, causing black stem rust of wheat.

Class Phragmobasidiomycetes (jelly & waxy fungi)

The bodies (basidocarps) of these fungi are gelatinous to waxy. Many have brilliant yellow, orange, or reddish pigments. In the order Eutremellales, the basidia are borne in capsules extended above the surface of the gelatinous fruit body. *Tremella* forms a large, pigmented, foliose bodies that obtains nutrition saprophytically. Called trembling fungus, it looks like soft, clammy, yielding folds of jellylike material up to 10 cm high and wide that has a glistening appearance. Some species are edible.

Class Hymenomycetes (exposed hymenium fungi)

All of the species in this class have a fruiting body with an exposed fertile surface (hymenium), such as gills, lined with basidia. Most of the mushroom-like fungi are included in the large order Agaricales, within this class. Nearly 60 species in the order have been reported for the region surrounding the Reserve. In this group, the cap (pileus) bears flat "gills" radiating from the stalk. The development process begins underground as small button-like swellings appear on mycelial strands that gradually swell to form short stalks and hemispherical caps. Between the cap and the stalk a chamber appears where the gills form. Rapid expansion of the fruit body tears the connection between the cap's rim and the stalk leaving the torn tissue as a skirt-like annulus around

the base of the base of the stalk. In the death cap, genus *Amanita*, a further layer of tissue covers the whole developing body (basidiocarp), but also eventually tears leaving a cup-like structure (volva) at the base of the stalk.

Class Gasteromycetes (stomach fungi)

Puff-balls are among the most common types of the Gasteromycetes and are found on the ground or on decaying wood in the vicinity of the Reserve; members of the genus *Lycoperdon* are typical of this group. The spores are formed in cavities which gradually enlarge producing basidia on their internal surfaces. At maturity the whole inside of the bulbous thallus is full of spores and the outer surface (peridium) becomes papery. Holes eventually appear, from which the spores are "puffed" out whenever the fruit body is disturbed. Other genera have more complex peridia which split into layers and expand as in the earth stars (*Geaster*).

DIVISION DEUTEROMYCOTA (deuteromycetes or imperfect fungi)

The imperfect fungi is an artificial division characterized by the absence of a sexual state, in which both Ascomycota-like mycelium and Basidiomycota-like mycelium are represented, but species can not be placed in either of these divisions because their sexual state is not known. Most of the fungi that are pathogenic for humans are deuteromycetes. They form asexual spores, often several varieties in the same species. Many of them have a yeastlike parasitic phase as well as a mycelial saprophytic phase. Two classes are recognized by Parker (1982): the Hypomycetes, a group in which the propagation unit (conidium) is not formed within an enclosed structure and the Coelomycetes, a group in which spore formation is initiated within a closed fruiting body.

DIVISION MYCOPHYCOPHYTA (lichens or fungus algae)

Lichens constitute a special group of thallophytes (plant body not differentiated into roots, stems and leaves), in that they are a symbiotic association of a fungus and an alga. The algal member is usually a blue-green or green alga and the associated fungus is most commonly an ascomycete, although a few lichens have a basidiomycete component. Lichens typically grow on tree trunks, rocks, and moist soil. They occur as dry crusty patches (crustose), leaflike scales (foliose), or erect, branched tufts (fruticose), and their colors range from gray-green, yellow-orange, brown, and white to black. Like the Deuteromycetes, Margulis and Schwartz (1988) consider lichen to constitute a separate "form division" and that classification is used for the purposes of this catalogue. Grouping of lichens into orders and families follows the scheme presented by Wolfe (1940) in *A Catalog of the Lichens of Ohio*.

The lichen partners are quite different from their free-living partners. The symbiots consist of algal cells embedded in the fungal mycelia, thus symbiosis is a crucial mechanism in the morphology, development, and evolution of lichens. Working together, the symbiots can synthesize organic acids and pigments that are lacking in individual algae and fungi growing alone.

They are slow growing as evidenced by studies of lichens on gravestones indicating a growth of only a few millimeters in a century. The dotted twig lichen, *Ramalina farinacea*, which has been reported for Erie County, is listed as an endangered plant species by the State of Ohio.

DIVISION BRYOPHYTA (mosses & liverworts)

The remaining "lower plants" in this catalogue are all true plants in that they develop from an embryo and thus, are multicellular. Within the plant kingdom there are two basic groups: the bryophytes (nonvascular plants) and the tracheophytes (vascular plants). Bryophytes are rather inconspicuous plants growing in moist environments. They are not fully adapted to life on land in that their sperm must swim thorough water to reach their eggs (Margulis and Schwartz 1988). Because bryophytes lack the fluid-conducting tissues of the vascular plants (xylem and phloem), they also rely on surrounding water to conduct necessary fluids and salts during times of growth, but many are able to survive periods of desiccation.

Class Hepaticopsida (liverworts)

Liverworts have a vegetative body (thallus) that is a somewhat fleshy, leaflike mass growing flat on moist soil or floating on the surface of a water body. The thallus carries out the main functions that in a flowering plant would be done by the roots and leaves. Distinct male and female organs are visible during the growing season. A few species of aquatic liverworts have been identified in the estuary, where they float free in the water or grow on the mud flats along the shore. *Ricciocarpus natans* has a leafy, lobed thallus that floats at the surface like duckweed, while *Riccia fluitans* normally occurs just below the surface, spreading slender branches to form a bright green network.

Class Sphagnopsida (peat mosses)

This class contains only the genus *Sphagnum*, which has been divided into over 100 species. Several species have been identified in the region surrounding the estuary, but none within the Reserve. Peat mosses are boreal plants of lowland habitats and Ohio lies near the southern limit of their range. Biologically, these plants are important because of their ability to retard decomposition, acidify their surroundings, and hold large quantities of water. All peat mosses have two types of leaf cells: small, green ones for photosynthesis and large, dead ones for water storage. *Sphagnum palustre* forms compact mats that can extent over large areas of quiet waters, at times forming floating islands that can support the weight of a person.

Class Bryopsida (true mosses)

Mosses frequently cover large areas of steam banks, grow on rocks and trees, and a few live submerged in flowing water. They grow crowded together like liverworts and lichens, with which they are commonly associated. However, their flat green leaves distinguish them from theses two associates, neither of which bear leaves. Many mosses anchor their cushiony stems to the soil by a

branched rootlike system of rhizoids. They are not true absorbing roots and they have no special conducting tissue in their leaves and stems. Although some mosses can survive drought conditions, all require moisture for active growth and reproduction. The hair cap moss, *Polytrichum commune*, often forms pure stand that are several meters across with stems up to 30 cm long. Male and female organs are borne on separate plants. Sperm cells swim to the egg cells, which when fertilized form spores within a capsule. When the spore are released, if they land in an area with sufficient moisture, they will germinate and produce vegetative filaments (protonema). The twisted teeth moss, *Barbula indica* var. *indica*, which has been reported for Erie County, is listed on the rare plant inventory for the State of Ohio.

DIVISION LYCOPODIOPHYTA (clubmosses)

Class Lycopodiopsida

The clubmosses are relicts of the ancient scale trees that once dominated the landscape during the latter part of the Paleozoic era and eventually became fossilized into the coal measures of southeastern Ohio. Modern lycopods are relatively inconspicuous and represented by a single genera, *Lycopodium*, in the vicinity of the Old Woman Creek watershed. This common clubmoss remains green all winter and has the appearance of a miniature pine tree. They are typically found in cool, moist woodlands, under maples, pines or oaks. The plant body consists of branching horizontal rhizomes (underground stems) and an upright part bearing branches and small leaves (microphylls) which are arranged in tight whorls on the aerial branches. Clubmosses bears no seeds, but produces spores which germinate into either male or female gametophytes.

DIVISION EQUISETOPHYTA (horsetails)

Class Equisetopsida

Horsetails are easily recognized by their jointed, hollow stems and rough, ribbed texture. The roughness is caused by mineral silica concentrated the epidermal cell of the green photosynthetic stems. The abrasive nature imparted by the silica accounts for another common name for these plants, scouring rush. The division is made up of a single herbaceous genus, *Equisetum*. They thrive on mud flats, along the banks of streams, in moist low wooded areas. In the Reserve, horsetails grow along the barrier beach and in the prairie remnant located southwest of the estuary's main basin. Like many other of the lower plants, horsetails produce spores which are borne by the wind.

DIVISION FILOPHYTA (ferns)

Class Filicopsida

Ferns are familiar vascular plant of the woodlands that, like the bryophytes, lycopods, and equisetophytes, reproduce by means of spores, rather than seeds. Spores do not carry a food store for nourishment during germination as found in the seeds of higher plants. Unlike the other lower plants, ferns do have leaves, called megaphylls or fronds, that develop directly from the main

photosynthetic stem. Because their fertilization also requires the swimming of the sperm cell, ferns are limited to habitats that are at least occasionally moist. Fern fronds unroll from curled structures known as "fiddleheads." The fronds are usually compound, being divided into leaflets called pinnae that may be subdivided further into pinnules. The margins or edges may be entire (not toothed or cut), toothed, or lobed. When the clefts are deep and the lobes are long and narrow, the frond margin is termed pinnatifid. A total of 18 species of ferns in 6 families occur within the Old Woman Creek watershed.

CATALOGUE

This catalogue comprises Contribution No. 4 to the Reserve Site Profile and contains a listing of all the algae and lower plants reported in the scientific literature for the environs of Old Woman Creek estuary and in its watershed. The diversity of habitats found within the Reserve, Old Woman Creek watershed, and adjacent nearshore waters of Lake Erie contribute to a wide variety of algal and lower plant communities. A total of 1,330 taxa, in these groups of organisms, are contained in this catalogue. The totals by major divisions are as follows:

Kingdom Monera – 49	Kingdom Fungi – 470
Cyanobacteria (blue-green algae) – 49	Myxomycetes (slime molds) – 50
Kingdom Protista – 633	Phycomycetes (algal fungi & water molds) – 61
Rhodophytes (red algae) – 1	Ascomycetes (yeasts, molds & cup fungi) – 52
Chrysophytes (golden & yellow-green algae) – 351	Basidiomycetes (mushrooms & rusts) – 147
Chrysophyceae (golden-brown algae) – 32	Deuteromycetes (imperfect fungi) – 49
Xanthophyceae (yellow-green algae) – 6	Mycophycophytes (lichens) – 111
Bacillariophyceae (diatoms) – 313	Kingdom Plantae – 178
Pyrrhophytes (fire algae) – 10	Bryophytes (mosses & liverworts) – 156
Cryptophytes (cryptomonads) – 21	Lycopodiophytes (clubmosses) – 2
Euglenophytes (euglenoids) – 77	Equisetophytes (horsetails) – 2
Chlorophytes (green algae) – 173	Filicophytes (ferns) – 18

The catalogue consists of 5 appendices. Appendix A contains a complete phylogenetic (evolutionary relationship) listing of all the algal and lower plant taxa identified in Old Woman Creek estuary and watershed, and adjacent tributaries and waters of Lake Erie. Elements of the list include: (1) taxonomic classification, (2) scientific name, (3) describer (author of scientific name), and (4) common name, as well as codes for (5) data sources, (6) locations within the study area, and (7) habitat preferences. The data for this appendix were compiled from publications and reports prepared by some 34 scientists and naturalists who have conducted research in the Reserve, watershed, and environs. The individual source documents are cited at the end of Appendix A.

Appendix B is a checklist of the algal flora and lower plants in the study area, also arranged phylogenetically by division, class, and order, but abbreviated to include only the scientific name, common name, family, and general location (e.g. estuary, Old Woman Creek above the estuary, Lake Erie, and adjacent region). Appendix C consists of an alphabetized list, by scientific name and subdivided into major groups, of all the algae and lower plants known for the study area. Appendix D is a similar list, but alphabetized by common name and subdivided into major groups.

followed by the scientific name, phylum, and general locations for each species. Appendix E contains a list of taxa (genus and specific epithet) for which a synonym has been discovered. The taxon name as given in the source reference appears first, followed by the currently accepted name – or if preceded by a question mark (?), what we believe to be the currently accepted name.

Data sources, references, and keys for codes designations are given at the end of appropriate appendices. Authorities for systematics and specific nomenclature used in this catalogue for each of the major algal and lower plant groups are listed below (complete citations are located at the end of Appendix A):

ALGAL GROUP	AUTHORITY
Cyanophyta	Geitler (1932), Desikachary (1959); Prescott (1962)
Chroococcales	Komárek & Anagnostidis (1999)
Rhodophyta	Parker (1982)
Chrysophyta	Huber-Pestalozzi (1941); Bold & Wynne (1985)
Chrysophyceae	Starmach (1985)
Xanthophyceae	Huber-Pestalozzi (1941); Ettl (1978)
Bacillariophyceae	Krammer & Lange-Bertalot (1986, 1988, 1991a,b)
Pyrrophyta	Huber-Pestalozzi (1968); Bold & Wynne (1985)
Dinophyceae	Popovsky' & Pfiester (1990)
Cryptophyta	Huber-Pestalozzi (1968); Bold & Wynne (1985)
Euglenophyta	Huber-Pestalozzi (1955); Bold & Wynne (1985)
Chlorophyta	Prescott (1962); Bold & Wynne (1985)
Volvocales	Ettl (1983)
Chlorococcales	Komárek & Fott (1983)
Desmidiaceae	Prescott et al. (1975, 1981, 1982)
LOWER PLANT GROUP	AUTHORITY
Fungi	Round (1969); Parker (1982)
Myxomycota	Fullmer (1921); Parker (1982); Keller & Braun (1999)
Phycomycota	Round (1969); Parker (1982)
Ascomycota	Round (1969); Groves (1979); Parker (1982)
Basidiomycota	Graham (1944); Groves (1979); Parker (1982)
Deuteromycota	Round (1969); Parker (1982)
Mycophycophyta	Fink (1935); Wolfe (1940); Taylor (1967, 1968)
Bryophyta	Parker (1982); Snider & Andreas (1996)
Lycopodiophyta	Parker (1982); Gleason & Cronquist (1991)
Equisetophyta	Parker (1982); Gleason & Cronquist (1991)
Filicopsida (Polypodiophyta)	Parker (1982); Gleason & Cronquist (1991); Kartesz & Meacham (1997)

REFERENCES CITED

- Gray, P.(ed.) 1970 *The Encyclopedia of the Biological Sciences* (2nd Ed.) Van Nostrand Reinhold, New York, NY. 1027 pp.
- Margulis, L. and K. V. Schwartz 1988 *Five Kingdoms: An Illustrated Guide to the Phyla of Life on Earth* (2nd Ed.). Freeman, New York, NY. 376 pp.
- Parker, S. P. (ed). 1982 *Synopsis and Classification of Living Organisms*. McGraw-Hill, New York, NY. Vol. 1, 1166 pp.; Vol. 2, 1232 pp.
- Round, F. E. 1969 *Introduction to the Lower Plants*. Butterworths, London, England. 170 pp.
- Taft, C. E. and C. W. Taft 1971 *The Algae of Western Lake Erie*. Bull. Ohio Biological Survey, Vol. 4, No. 1, Columbus, OH. 189 pp.
- Wetzel, R. G. 1983 *Limnology* (2nd Ed.). Saunder College Publ., Philadelphia, PA. 858 pp.
- Wolfe, J. N. 1940 *A Catalog of the Lichens of Ohio*. Ohio Biological Survey Bull. 36, Vol. 7, No. 1, Columbus, OH. 50 pp.

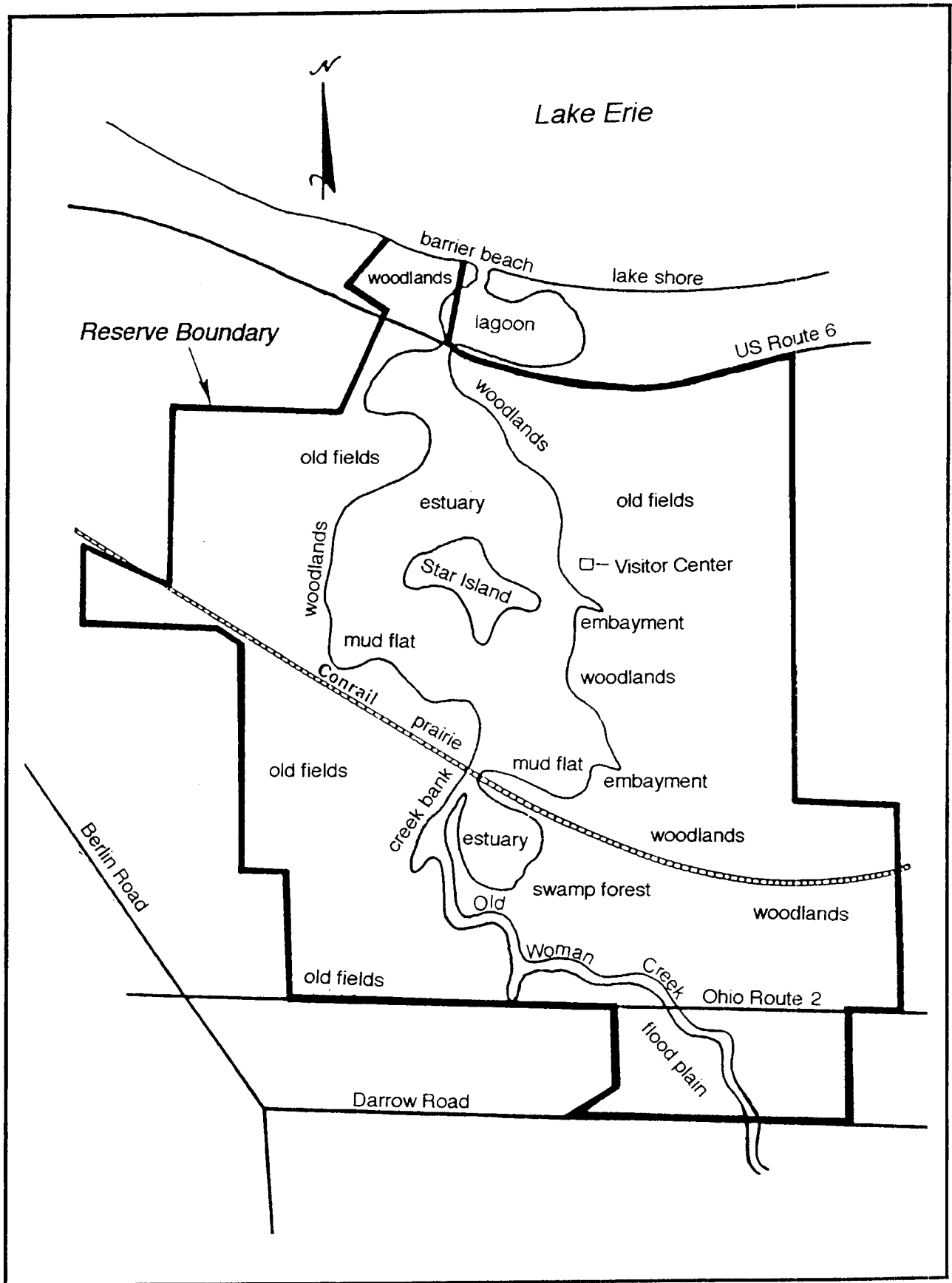


Figure 1. Old Woman Creek National Estuarine Research Reserve showing habitats.

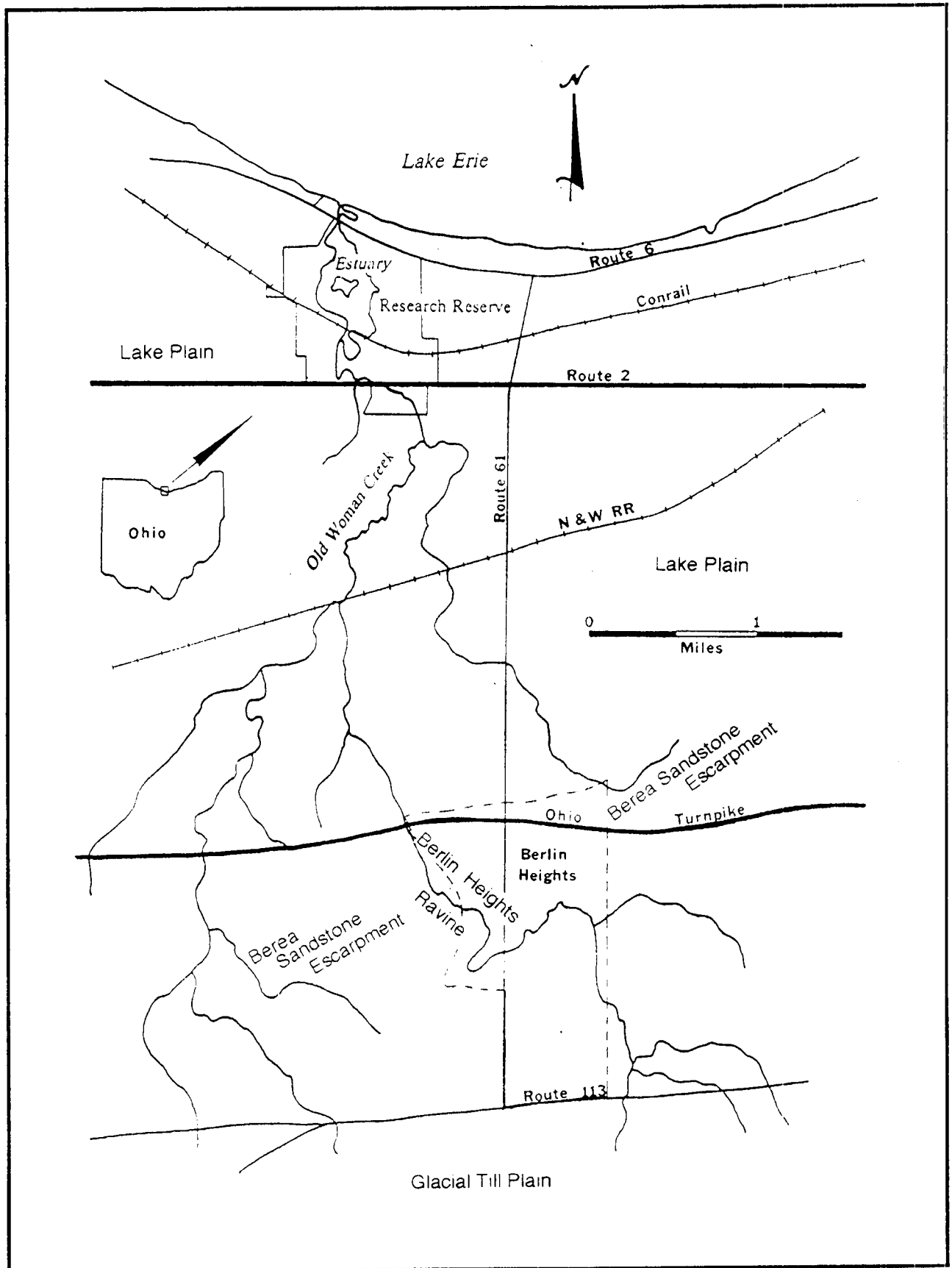


Figure 2. Old Woman Creek watershed showing tributary pattern.

Appendix A

Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie

ALGAL FLORA AND LOWER PLANTS OF OLD WOMAN CREEK ESTUARY, WATERSHED, AND ADJACENT WATERS OF LAKE ERIE

KINGDOM MONERA DIVISION CYANOPHYTA (blue-green algae)

CLASS CYANOPHYCEAE

ORDER CHROOCOCCALES

Family Chroococcaceae

	SOURCE	LOCATION	HABITAT
• <i>Aphanocapsa delicatissima</i> West & West, 1912 * blue-green	2,3,10	ES	P
• <i>Aphanocapsa elachista</i> West & West, 1894 * blue-green	2,3,10	ES	P
• <i>Aphanocapsa incerta</i> (Lemmermann) Cronberg, 1994 [= <i>Microcystis incerta</i> (Lemmermann) Lemmermann, 1907] * blue-green	3,10	CK	R
• <i>Aphanothece saxicola</i> Nägeli, 1849 * blue-green	10	ES	P
• <i>Chroococcus dispersus</i> (Keissler) Lemmermann, 1904 * blue-green	2,3,10	CK,ES	P,R
• <i>Chroococcus minor</i> (Kützing) Nägeli, 1849 * blue-green	2,3,10	CK	R
• <i>Chroococcus minutus</i> (Kützing) Nägeli, 1849 * blue-green	2,3,10	CK,LE	R
• <i>Chroococcus planctonicus</i> Bethge, 1935 * blue-green	10	ES	P
• <i>Chroococcus</i> spp. Nägeli, 1849 * blue-greens	3,9,10	CK,ES	P,R
• <i>Coelosphaerium naegelianum</i> Unger, 1854 * blue-green	10	ES	P
• <i>Coelosphaerium pallidum</i> Lemmermann, 1898 * blue-green	3,10	ES	P
• <i>Dactylococcopsis irregularis</i> Smith, 1922 * blue-green	10	ES	P
• <i>Gloeocapsa aeruginosa</i> Kützing, 1843 * blue-green	10	CK	P
• <i>Gloeocapsa</i> sp. Kützing, 1843 * blue-green	2	ES	P
• <i>Gomphosphaeria lacustris</i> Chodat, 1898 * blue-green	3,10	ES	P
• <i>Merismopedia glauca</i> (Ehrenberg) Kützing, 1845 * blue-green	5	ES	C
• <i>Merismopedia minima</i> Beck, 1897 * blue-green	2,3,10	CK,ES	R
• <i>Merismopedia tenuissima</i> Lemmermann, 1898 * blue-green	2,3,10	ES	P
• <i>Microcystis aeruginosa</i> (Kützing) Kützing, 1846 * blue-green	3,10	ES	P
• <i>Microcystis minutissima</i> West, 1912 * blue-green	10	ES	P
• <i>Microcystis</i> sp. Kützing, 1833 * blue-green	4,10	ES	P
• <i>Rhabdoderma minima</i> Lemmermann, 1908 * blue-green	10	ES	P
• <i>Rhabdoderma</i> sp. Schmidle, 1900 * blue-green	10	ES	P
• <i>Synechococcus leopoliensis</i> (Raciborski) Komárek, 1970 * blue-green	10	ES	P
• <i>Synechococcus</i> sp. Nägeli, 1849 * blue-green	3,10	ES	P

ORDER OSCILLATORIALES

Family Rivulariaceae

• <i>Calothrix fusca</i> (Kützing) Bornet & Flahault, 1886 * blue-green	10	CK	R
• <i>Calothrix</i> spp. Agardh, 1824 * blue-greens	2,3,10	CK	R
• <i>Raphidiopsis mediterranea</i> Skuja, 1937 * blue-green	10	LE	P
• <i>Spirulina</i> sp. Turpin, 1829 * blue-green	4	ES	P

Family Nostocaceae

• <i>Anabaena circinalis</i> Rabenhorst, 1852 [<i>A. circinis</i> , orthographic error] * blue-green	2	ES	P
• <i>Anabaena spiroides</i> Klebahn, 1895 * blue-green	10	LE	F
• <i>Anabaena spiroides</i> var. <i>crassa</i> Lemmermann, 1898 * blue-green	3	LE	F
• <i>Anabaena variabilis</i> Kützing, 1843 * blue-green	10	ES	F
• <i>Anabaena</i> spp. Bory, 1822 * blue-greens	2,3,5,10	ES,LE	C,P
• <i>Aphanizomenon flos-aquae</i> (Linnaeus) Ralfs, 1850 * blue-green	2,3	ES,LE	P

Family Oscillatoriaceae

• <i>Lyngbya</i> sp. Agardh, 1824 * blue-green	2,3,9,10	CK,ES	F
• <i>Microcoleus lyngbyaceus</i> (Kützing) Crouan, 1867 * blue-green	10	CK	F
• <i>Oscillatoria agardhii</i> Gomont, 1892 * blue-green	2,3,10	ES,LE	P
• <i>Oscillatoria amphibia</i> Agardh, 1827 * blue-green	3,10	ES	P
• <i>Oscillatoria chlorina</i> Kützing, 1853 * blue-green	10	LE	P
• <i>Oscillatoria granulata</i> Gardner, 1927 * blue-green	8,10	ES	P
• <i>Oscillatoria hamelii</i> Frémy, 1929 * blue-green	8,10	ES,LE	P

Family Oscillatoriaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Oscillatoria limosa</i> (Roth) Agardh, 1812 * blue-green	2,3,10,28	CK,ES	P
• <i>Oscillatoria prolifica</i> (Greville) Gomont, 1892 * blue-green	10	LE	P
• <i>Oscillatoria subbrevis</i> Schmidle, 1901 * blue-green	2,3,8,10	CK,ES	P,R
• <i>Oscillatoria tenuis</i> Agardh, 1813 * blue-green	2,3,8,10	CK,ES	P,R
• <i>Oscillatoria</i> spp. Vaucher, 1803 * blue-greens	3,5,9,10	ES,LE	P
• <i>Phormidium tenue</i> (Meneghini) Gomont, 1892 * blue-green	2,3,10	ES	P
• <i>Schizothrix calcicola</i> (Agardh) Gomont, 1892 * blue-green	10	CK,ES	R,V

**KINGDOM PROTISTA
DIVISION RHODOPHYTA (red algae)**

CLASS RHODOPHYCEAE

ORDER BANGIALES

Family Bangiaceae

• <i>Bangia atropurpurea</i> (Roth) Agardh * red alga	10	LE	B
---	----	----	---

DIVISION CHRYSOPHYTA (golden & yellow-green algae)

CLASS CHRYSOPHYCEAE (chrysophycean algae)

ORDER OCHROMONADALES

Family Ochromonadaceae

• <i>Chrysococcus biporus</i> Skuja, 1939 * golden-brown alga	10	ES	P
• <i>Chrysococcus minutus</i> (Fritsch) Nygaard * golden-brown alga	10	ES	P
• <i>Chrysococcus rufescens</i> var. <i>tripora</i> Lund * golden-brown alga	10	ES	P
• <i>Chrysococcus triporus</i> Matvienko	10	ES	P
[<i>C. triolis</i> , orthographic error?] * golden-brown alga	9	ES	P
• <i>Chrysococcus</i> spp. Kelbs, 1892 * golden-brown algae	4,9,10	ES	P
• <i>Kephyrion ovale</i> (Lackey) Huber-Pestalozzi * golden-brown alga	10	ES	P
• <i>Kephyrion spirale</i> (Lackey) Conrad * golden-brown alga	10	LE	P
• <i>Kephyrion</i> spp. Pascher, 1911 * golden-brown algae	3,10	ES	P
• <i>Microglena</i> sp. Ehrenberg, 1838 * golden-brown alga	6	ES	B
• <i>Monas guttula</i> Ehrenberg * golden-brown alga	6	ES	B
• <i>Monas socialis</i> (Kent) * golden-brown alga	6	ES	B
• <i>Monas</i> sp. Müller, 1786 * golden-brown alga	6	ES	B
• <i>Ochromonas ludibunda</i> Pascher * golden-brown alga	6	ES	B
• <i>Ochromonas nana</i> Doflein or <i>Chromulina nannos</i> Naumann			
[?= <i>Chromulina nana</i>] * golden-brown alga	9	ES	P
• <i>Ochromonas</i> sp. Wyssotzki, 1887 * golden-brown alga	6,9	ES	B,P
• <i>Physomonas vestita</i> Stokes, 1885 * golden-brown alga	6	ES	B
• <i>Spumella</i> sp. Cienkowski, 1870 * golden-brown alga	9	ES	P

Family Mallomonadaceae

• <i>Anthophysa steinii</i> Senn, 1900 * golden-brown alga	6	ES	B
• <i>Anthophysa vegetans</i> (Müller) Stein, 1878 * golden-brown alga	6	ES	B
• <i>Mallomonas acaroides</i> Perty, 1852 * golden-brown alga	2	ES	P
• <i>Mallomonas elegans</i> Lemmermann, 1904 * golden-brown alga	6	ES	B
• <i>Mallomonas intermedia</i> Kisseler, 1931 * golden-brown alga	6	ES	B
• <i>Synura uvella</i> Ehrenberg, 1838 * golden-brown alga	2,3	ES	P

Family Dinobryaceae

• <i>Dinobryon bavaricum</i> Imhof, 1890 * golden-brown alga	3,6,10	ES	B,P
• <i>Dinobryon divergens</i> Imhof, 1887 * golden-brown alga	2,3,10	ES	P
• <i>Dinobryon sertularia</i> Ehrenberg, 1835 * golden-brown alga	3,6,10	ES	B,P
• <i>Dinobryon sociale</i> Ehrenberg, 1835 * golden-brown alga	10	ES	P
• <i>Dinobryon</i> sp. Ehrenberg, 1835 * golden-brown alga	2	ES	B,P
• <i>Epipyxis tabellariae</i> (Lemmermann) Smith, 1950	10	ES	P
[= <i>Dinobryon tabellariae</i> (Lemmermann) Pascher, 1913] * golden-brown alga	3,10	ES	P
• <i>Pseudokephyrion cylindricum</i> (Lackey) Bourrelly, 1957 * golden-brown alga	10	ES	P
• <i>Pseudokephyrion entzii</i> f. <i>granulata</i> Bourrelly, 1957 * golden-brown alga	10	ES	P
• <i>Stokesiella</i> sp. Lemmermann, 1910 * golden-brown alga	6	ES	B

CLASS XANTHOPHYCEAE (yellow-green algae)

ORDER RHIZOCHLORIDACEAE

Family Stipitocicaceae

- *Stipitococcus vasiformis* Tiffany, 1934 * yellow-green alga

SOURCE	LOCATION	HABITAT
2	ES	F ⁱ

ORDER MISCHOCOCCALES

Family Pleurochloridaceae

- *Goniochloris fallax* Fott, 1957 * yellow-green alga
- *Pseudostaurastrum hastatum* (Reinsch) Chodat, 1921 * yellow-green alga

10	ES	F ⁱ
10	ES	F ⁱ

Family Centritractaceae

- *Centritractus ellipsoideus* Starmach, 1966 * yellow-green alga

10	ES	F ⁱ
----	----	----------------

Family Ophiocytaceae

- *Ophiocyttium capitatum* var. *longispina* (Moebius) Lemmermann, 1899 * yellow-green alga

2,3,10	ES	F ⁱ
--------	----	----------------

ORDER VAUCHERIALES

Family Vaucheriaceae

- *Vaucheria* sp. DeCandolle, 1803 * yellow-green alga

4	ES	F ⁱ
---	----	----------------

CLASS BACILLARIOPHYCEAE (diatoms)

ORDER CENTRALES (centric diatoms)

Family Melosiraceae

- *Aulacoseira alpigena* (Grunow) Krammer, 1990
[=*Melosira distans* var. *alpigena* Grunow, 1882] * centric diatom
- *Aulacoseira ambigua* (Grunow) Simonsen, 1979
[=*Melosira ambigua* (Grunow) Müller, 1903] * centric diatom
- *Aulacoseira crassipunctata* Krammer, 1990 * centric diatom
- *Aulacoseira granulata* (Ehrenberg) Simonsen, 1979
[=*Melosira granulata* (Ehrenberg) Ralfs, 1861] * centric diatom
- *Aulacoseira granulata* var. *angustissima* (Müller) Simonsen, 1979
[=*Melosira granulata* var. *angustissima* Müller, 1899] * centric diatom
- *Aulacoseira islandica* (Müller) Simonsen, 1979
[=*Melosira islandica* Müller, 1906]
[=*Melosira islandica* ssp. *helvetica* Müller, 1906] * centric diatom
- *Aulacoseira italica* (Ehrenberg) Simonsen, 1979
[=*Melosira italica* (Ehrenberg) Kützing, 1844] * centric diatom
- *Aulacoseira* spp. Thwaites, 1848 * centric diatoms
- *Melosira varians* Agardh, 1827 * centric diatom

8,9,10	ES	A,P
1,2,3,10	ES	F,V
1,2,3	ES	V
8	ES	A
8	ES	A
10	ES	F
8	ES	A
10	LE	F
9,10	ES	F
3,10	ES	F
10	ES	F
8	ES	A
10	ES	F
9,10	ES	F
1,2,3,8,9,10	ES	F,V

Family Thalassiososiraceae

- *Cyclotephanos invisitatus*
(Hohn & Hellerman) Theriot, Stoermer, & Håkansson, 1987
[=*Stephanodiscus invisitatus* Hohn & Hellerman, 1963] * centric diatom
- *Cyclotephanos tholiformis* Stoermer, Håkansson, & Theriot, 1987 * centric diatom
- *Cyclotella atomus* Hustedt, 1937 * centric diatom
- *Cyclotella atomus* var. 1 * centric diatom
- *Cyclotella meneghiniana* Kützing, 1844
[=*C. kuetzingiana* Thwaites, 1848] * centric diatom
- *Cyclotella meneghiniana* var. 1 * centric diatom
- *Cyclotella pseudostelligera* Hustedt, 1939 * centric diatom
- *Cyclotella radiosa* (Grunow) Lemmermann, 1900
[=*C. comta* Kützing, 1849] * centric diatom
- *Cyclotella stelligera* Cleve & Grunow, 1882 * centric diatom
- *Cyclotella* spp. (Kützing) Brébisson, 1838 * centric diatoms
- *Skeletonema potamos* (Weber) Hasle, 1976
[=*Microsphona potamos* Weber, 1970] * centric diatom
- *Thalassiosira pseudonana* Hasle & Heimdal, 1970 * centric diatom
- *Thalassiosira weissflogii* (Grunow) Fryxell & Hasle, 1977
[=*T. fluviatilis* Hustedt, 1926] * centric diatom

8	ES	A
10	ES	F
8	ES	A
1,2,3,8,9,10	ES	F,V
8	ES	A
1,2,3,8,9,10	ES	A,P,V
3,10	ES	F
8	ES	A
1,3,8,9,10	ES	F,V
1,2,3	ES	F,V
2,3,8	ES	F
8,9,10	ES	A,P
3,8,9,10	ES	P,V
1,2	ES	P,V
1,2,3,8	ES	F,V
8	ES	A
1,2,3	ES	V

Family Coscinodiscaceae

	SOURCE	LOCATION	HABITAT
• <i>Actinocyclus normanii</i> (Gregory) Hustedt, 1957	8,10	ES	A,P
[= <i>A. normanii</i> var. <i>subsalsa</i> (Juhlin-Dannfelt) Hustedt, 1957] * centric diatom	1,2,3,10	ES	P,V
• <i>Coscinodiscus</i> sp. Ehrenberg, 1838 * centric diatom	3,10	ES	P
• <i>Stephanodiscus alpinus</i> Hustedt, 1942 * centric diatom	1,8	ES	V
• <i>Stephanodiscus binderanus</i> (Kützing) Krieger, 1927	3,8,10	ES,LE	P
[= <i>Melosira binderana</i> Kützing, 1844] * centric diatom	2	ES	P
• <i>Stephanodiscus hantzschii</i> Grunow, 1880	1,2,3,8,10	ES	P,V
[= <i>S. hantzschii</i> var. <i>tenuis</i> (Hustedt) Håkansson & Stoermer, 1984]	8	ES	A
[= <i>S. tenuis</i> Hustedt, 1939] * centric diatom	1,2	ES	V
• <i>Stephanodiscus minutulus</i> (Kützing) Cleve & Möler, 1878	8,9,10	ES	A,P
[= <i>S. astraea</i> var. <i>minutula</i> (Kützing) Grunow, 1882] * centric diatom	1,2,3,10	ES	P,V
• <i>Stephanodiscus nipigonensis</i> Håkansson & Kling, 1990 * centric diatom	8	ES	A
• <i>Stephanodiscus parvus</i> Stoermer & Håkansson, 1984 * centric diatom	8,9	ES	A,P
• <i>Stephanodiscus rotula</i> (Kützing) Hendey, 1964			
[= <i>S. astraea</i> (Ehrenberg) Grunow, 1882] * centric diatom	1,2,3,10	CK,ES,LE	P,V
• <i>Stephanodiscus subtilis</i> (VanGoor) Cleve-Euler, 1951 * centric diatom	1,2,3	ES	V
• <i>Stephanodiscus</i> sp. Ehrenberg, 1846 * centric diatom	8,9	ES	A,P

Family Rhizosoleniaceae

• <i>Acanthoceras zachariasii</i> (Brun) Simonsen, 1979			
[= <i>Attheya zachariasii</i> Brun, 1894] * centric diatom	3,10	ES	P
• <i>Rhizosolenia eriensis</i> Smith, 1872 * centric diatom	3,10	ES	P

ORDER PENNALES (pennate diatoms)

Family Fragilariaceae

• <i>Asterionella formosa</i> Hassall, 1850 * pennate diatom	2,3	ES,LE	P
• <i>Diatoma mesodon</i> (Ehrenberg) Kützing, 1844 * pennate diatom	8	ES	A
• <i>Diatoma tenuis</i> Agardh, 1812	8,10	ES	A,V
[= <i>D. tenue</i> var. <i>elongatum</i> Lyngbye, 1819] * pennate diatom	1,2,3	ES	V
• <i>Diatoma vulgare</i> Bory, 1824	1,8	ES	P
[= <i>D. vulgare</i> Bory, 1828] * pennate diatom	1,2,3	ES	V
• <i>Diatoma vulgare</i> var. <i>distorta</i> Grunow, 1881 * pennate diatom	8	ES	A
• <i>Fragilaria capucina</i> Desmazieres, 1925 * pennate diatom	1,2,3,8,9,10	CK,ES,LE	R,V
• <i>Fragilaria capucina</i> var. <i>gracilis</i> (Østrup) Hustedt, 1950			
[= <i>Synedra rumpens</i> var. <i>familiaris</i> (Kützing) Grunow, 1881] * pennate diatom	1,2,3	ES	V
• <i>Fragilaria capucina</i> var. <i>radians</i> (Kützing) Lange-Bertalot, 1991			
[= <i>Synedra radians</i> Kützing, 1844] * pennate diatom	8	ES	A
• <i>Fragilaria capucina</i> var. <i>rumpens</i> (Kützing) Lange-Bertalot, 1991			
[= <i>Synedra rumpens</i> Kützing, 1844] * pennate diatom	10	ES	P
[= <i>Synedra rumpens</i> Kützing, 1844] * pennate diatom	3,10	CK	R
• <i>Fragilaria capucina</i> var. <i>vaucheriae</i> (Kützing) Lange-Bertalot, 1980	10	CK,ES	R,V
[= <i>F. vaucheriae</i> (Kützing) Petersen, 1938] * pennate diatom	1,2,3,8,10	CK,ES	R,V
• <i>Fragilaria construens</i> (Ehrenberg) Grunow * pennate diatom	9	ES	P
• <i>Fragilaria construens</i> f. <i>venter</i> (Ehrenberg) Hustedt, 1957	8,10	ES	A,V
[= <i>F. construens</i> var. <i>venter</i> (Ehrenberg) Grunow, 1881] * pennate diatom	3,10	CK,ES	R,V
• <i>Fragilaria crotonensis</i> Kitton, 1869 * pennate diatom	1,2,3,8	ES,LE	P,V
• <i>Fragilaria fasciculata</i> (Agardh) Lange-Bertalot, 1980	10	ES	V
[= <i>Synedra fasciculata</i> (Agardh) Kützing, 1844]	10	ES	V
[<i>Synedra fasciculata</i> , orthographic error]	1,2,3	ES	V
[= <i>Synedra fasciculata</i> var. <i>truncata</i> (Greville) Patrick, 1966] * pennate diatom	2,3	CK,ES	R
• <i>Fragilaria leptostauron</i> var. <i>martyi</i> (Héribaud) Lange-Bertalot, 1991			
[= <i>Opephora martyi</i> Héribaud, 1902] * pennate diatom	10	ES	P
• <i>Fragilaria parasitica</i> var. <i>subconstricta</i> Grunow, 1881			
[= <i>Synedra parasitica</i> var. <i>subconstricta</i> (Grunow) Hustedt, 1930]	8	ES	A
* pennate diatom			
• <i>Fragilaria pulchella</i> (Ralfs) Lange-Bertalot, 1980			
[= <i>Synedra pulchella</i> (Ralfs) Kützing, 1844]	1,2,3,8	ES	V
[= <i>Synedra pulchella</i> var. <i>capitata</i> Pantocsek, 1912] * pennate diatom	1,2	ES	V
• <i>Fragilaria tenera</i> (Smith) Lange-Bertalot, 1980			
[= <i>Synedra tenera</i> Smith, 1856] * pennate diatom	8	ES	A

	SOURCE	LOCATION	HABITAT
Family Fragilariaceae (continued)			
• <i>Fragilaria ulna</i> (Nitzsch) Lange-Bertalot, 1980	10	ES	V
[= <i>Synedra ulna</i> (Nitzsch) Ehrenberg, 1832] * pennate diatom	2,3,8,10	CK,ES	R,V
• <i>Fragilaria ulna</i> var. <i>acus</i> (Kützing) Lange-Bertalot, 1980			
[= <i>Synedra acus</i> Kützing] * pennate diatom	2,3	ES	V
• <i>Fragilaria ulna</i> var. <i>danica</i> (Kützing) Lange-Bertalot, 1980			
[= <i>Synedra ulna</i> var. <i>danica</i> (Kützing) VanHeurck, 1885] * pennate diatom	8	ES	A
• <i>Fragilaria ulna</i> var. <i>obtusa</i> (Smith) Lange-Bertalot, 1980?	10	CK	R
[= <i>Synedra ulna</i> var. <i>obtusa</i> (Smith) VanHeurck, 1881] * pennate diatom	2,3,10	CK	R,V
• <i>Fragilaria ulna</i> var. <i>oxyrhynchus</i> (Kützing) Lange-Bertalot, 1980	10	CK	R
[= <i>Synedra ulna</i> var. <i>oxyrhynchus</i> (Kützing) VanHeurck, 1885]	10	CK	R
* pennate diatom			
• <i>Fragilaria ulna</i> var. 1			
[= <i>Synedra ulna</i> var. 1] * pennate diatom	8	ES	A
• <i>Fragilaria virescens</i> Ralfs, 1843 * pennate diatom	1,2,3,10	CK,ES	R,V
• <i>Meridion circulare</i> (Greville) Agardh, 1831 * pennate diatom	1,2,3,8,9,10	CK,ES	P,R,V
• <i>Meridion circulare</i> var. <i>constrictum</i> (Ralfs) VanHeurck, 1880 * pennate diatom	3,9,10	ES	P,V
• <i>Tabellaria fenestrata</i> (Lyngbye) Kützing, 1844 * pennate diatom	1,2,3	ES	B,V
• <i>Tabellaria</i> sp. Ehrenberg, 1840 * pennate diatom	4	ES	P
Family Eunotiaceae			
• <i>Eunotia arcus</i> var. <i>bidens</i> Grunow, 1881 * pennate diatom	1,2,3	ES	V
• <i>Eunotia bilunaris</i> var. <i>bilunaris</i> (Ehrenberg) Mills, 1934	10	ES	P
[= <i>E. curvata</i> (Kützing) Lagerstedt, 1884] * pennate diatom	1,2,3,8	ES	V
• <i>Eunotia bilunaris</i> var. <i>mucophila</i> Lange-Bertalot, 1991			
[= <i>E. curvata</i> var. <i>subarcuta</i> Nägeli, 1849] * pennate diatom	1,2	ES	V
• <i>Eunotia denticulata</i> (Brébisson) Rabenhorst, 1864 * pennate diatom	8	ES	A
• <i>Eunotia diodon</i> Ehrenberg, 1837	10	ES	V
[<i>E. dioden</i> , orthographic error] * pennate diatom	3	ES	V
• <i>Eunotia exigua</i> (Brébisson) Rabenhorst, 1864 * pennate diatom	8	ES	A
• <i>Eunotia formica</i> Ehrenberg, 1843 * pennate diatom	3,10	ES	V
• <i>Eunotia pectinalis</i> (Dillwyn?, Müller?, Kützing) Rabenhorst, 1864			
[= <i>E. pectinalis</i> var. <i>minor</i> (Kützing) Rabenhorst, 1864] * pennate diatom	1,2,3	ES	V
• <i>Eunotia</i> sp. Ehrenberg, 1837 * pennate diatom	9	ES	P
Family Naviculaceae			
• <i>Amphilpleura pellucida</i> (Kützing) Kützing, 1844 * pennate diatom	3,10	CK,ES	R,V
• <i>Anomoeoneis brachysira</i> (Brébisson) Grunow, 1895			
[= <i>A. serians</i> var. <i>brachysira</i> (Brébisson) Cleve, 1882] * pennate diatom	5	ES	C
• <i>Anomoeoneis sphaerophora</i> (Ehrenberg) Pfitzer, 1871 * pennate diatom	10	ES	C
• <i>Caloneis amphisbaena</i> (Bory) Cleve, 1894 * pennate diatom	2,3,10	CK,ES	R,V
• <i>Caloneis bacillum</i> (Grunow) Cleve, 1894 * pennate diatom	1,2,3,5,8,10	CK,ES	A,C,R,V
• <i>Caloneis clevei</i> (Lagerstedt) Cleve, 1894 * pennate diatom	1,2,3	ES	V
• <i>Caloneis molaris</i> (Grunow) Krammer, 1985 * pennate diatom	8	ES	A
• <i>Caloneis schumanniana</i> (Grunow) Cleve, 1894			
[= <i>C. lewisii</i> Patrick, 1945] * pennate diatom	1,2,3,5	ES	C,V
• <i>Caloneis thermalis</i> (Grunow) Krammer, 1985			
[= <i>C. bacillaris</i> var. <i>thermalis</i> (Grunow) Cleve, 1895] * pennate diatom	1,2,3	ES	V
• <i>Entomoneis ornata</i> (Bailey) Reimer, 1975			
[= <i>Amphiprora ornata</i> Bailey, 1850] * pennate diatom	10	LE	P
• <i>Frustulia rhomboides</i> (Ehrenberg) DeToni, 1891 * pennate diatom	8	ES	A
• <i>Frustulia vulgaris</i> (Thwaites) DeToni, 1891 * pennate diatom	8	ES	A
• <i>Gyrosigma acuminatum</i> (Kützing) Rabenhorst, 1853 * pennate diatom	3,5,8,10	CK,ES	C,R
• <i>Gyrosigma attenuatum</i> (Kützing) Rabenhorst, 1853 * pennate diatom	8	ES	A
• <i>Gyrosigma exilis</i> (Grunow) Reimer, 1966 * pennate diatom	8,10	ES	A,V
• <i>Gyrosigma scalproides</i> (Rabenhorst) Cleve, 1894 * pennate diatom	1,2,3,8	ES	V
• <i>Gyrosigma</i> sp. Hassall, 1843 * pennate diatom	10	ES	V
• <i>Navicula absoluta</i> Hustedt, 1950 * pennate diatom	8	ES	A
• <i>Navicula agnita</i> Hustedt, 1955 * pennate diatom	2,3	ES	V
• <i>Navicula arvensis</i> Hustedt, 1937 * pennate diatom	5	ES	V
• <i>Navicula atomus</i> (Kützing) Grunow, 1860 * pennate diatom	1,2,3,8	ES	C,V

Family Naviculaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Navicula atomus</i> var. <i>permitis</i> (Hustedt) Lange-Bertalot, 1985 * pennate diatom	8	ES	A
• <i>Navicula bacillum</i> Ehrenberg, 1843 * pennate diatom	5	ES	V
• <i>Navicula bahusiensis</i> (Grunow) Grunow, 1884 [= <i>N. frugalis</i> Hustedt, 1957] * pennate diatom	5	ES	V
• <i>Navicula capitata</i> Ehrenberg, 1838 * pennate diatom	1,2,3,5,8	ES	A,C,V
• <i>Navicula capitata</i> var. <i>capitata</i> Ehrenberg, 1838 [= <i>N. hungarica</i> var. <i>capitata</i> (Ehrenberg) Cleve, 1895] * pennate diatom	2,3,9,10	ES	P,V
• <i>Navicula capitatoradiata</i> Germain, 1981 [= <i>N. salinarum</i> var. <i>intermedia</i> (Grunow) Cleve, 1895] * pennate diatom	8 1,2,3,10	ES	V
• <i>Navicula cincta</i> (Ehrenberg) Ralfs, 1861 * pennate diatom	3,8,10	ES	V
• <i>Navicula confervacea</i> (Kützing) Grunow, 1880 * pennate diatom	1,2,3,10	ES	P,V
• <i>Navicula contenta</i> Grunow, 1885 [?= <i>N. contenta</i> var. <i>biceps</i> (Arnott) Cleve, 1894] * pennate diatom	1,2,3	ES	V
• <i>Navicula cryptocephala</i> Kützing, 1844 [= <i>N. cryptocephala</i> var. <i>exilis</i> Grunow, 1880] * pennate diatom	1,2,3,5,8,10 1,2,3	ES	V V
• <i>Navicula cryptotenella</i> Lange-Bertalot, 1985 [= <i>N. radiosa</i> var. <i>tenella</i> (Brébisson) VanHeurck, 1885] * pennate diatom	8 1,2,3,5,10	CK,ES	R,V
• <i>Navicula cuspidata</i> (Kützing) Kützing, 1844 [= <i>N. cuspidata</i> var. <i>ambigua</i> (Ehrenberg) Cleve, 1843] [= <i>N. cuspidata</i> var. <i>cuspidata</i> (Kützing) Kützing, 1844] * pennate diatom	3,10 5 5	CK,ES ES	R A A
• <i>Navicula decussis</i> Østrup, 1910 * pennate diatom	3,10	CK,ES	V
• <i>Navicula elginensis</i> (Gregory) Ralfs, 1861 * pennate diatom	1,2,3,8	CK,ES	R,V
• <i>Navicula erifuga</i> Lange-Bertalot, 1985 [= <i>N. heufleri</i> var. <i>leptocephala</i> (Brébisson) Peragallo & Peragallo, 1897-1908] * pennate diatom	8 1,2,3	ES	V A
• <i>Navicula goeppertiana</i> (Bleisch) Smith, 1874-1879 * pennate diatom	8	ES	A
• <i>Navicula goeppertiana</i> var. <i>goeppertiana</i> (Bleisch) Smith, 1874-1879 [= <i>N. mutica</i> var. <i>tropica</i> Hustedt, 1937] [= <i>N. terminata</i> Hustedt, 1966] [= <i>Pinnularia termitina</i> (Ehrenberg) Patrick, 1966] * pennate diatom	1,2,3,10 1,2 1,2,3	ES ES ES	V V V
• <i>Navicula goeppertiana</i> var. <i>monita</i> (Hustedt) Lange-Bertalot, 1985 [= <i>N. mobiliensis</i> Boyer, 1922] * pennate diatom	8	ES	A
• <i>Navicula gregaria</i> Donkin, 1861 * pennate diatom	1,2,3,8,10	CK,ES	R,V
• <i>Navicula grunowii</i> var. 1 * pennate diatom	8	ES	A
• <i>Navicula halophila</i> (Grunow) Cleve, 1894 [= <i>N. halophila</i> f. <i>tenuirostris</i> Hustedt, 1942] [= <i>N. halophila</i> var. <i>tenuirostris</i> Hustedt, 1942] * pennate diatom	5,8 1,2,3 5	ES ES ES	A,C V C
• <i>Navicula heimansii</i> VanDam & Kooyman, 1982 * pennate diatom	8	ES	A
• <i>Navicula hustedtii</i> Krasske, 1923 * pennate diatom	8	ES	A
• <i>Navicula ingenua</i> Hustedt, 1957 * pennate diatom	8	ES	A
• <i>Navicula insocibilis</i> Krasske, 1932 * pennate diatom	8	ES	A
• <i>Navicula integra</i> (Smith) Ralfs, 1861 * pennate diatom	8	ES	A
• <i>Navicula lanceolata</i> (Agardh) Ehrenberg, 1838 * pennate diatom	1,2,3,5,8,10	CK,ES	C,R,V
• <i>Navicula menisculus</i> Schumann, 1867 * pennate diatom	8	ES	A
• <i>Navicula menisculus</i> var. <i>grunowii</i> Lange-Bertalot, 1991 * pennate diatom	8	ES	A
• <i>Navicula menisculus</i> var. <i>upsaliensis</i> Grunow, 1880 * pennate diatom	2,3,8,10	CK,ES	A,R,V
• <i>Navicula minima</i> Grunow, 1880 [= <i>N. tantula</i> Hustedt, 1943] * pennate diatom	3 1,2,3,8	CK,ES ES	R,V A,V
• <i>Navicula minima</i> var. <i>pseudofossalis</i> (Krasske) Reimer, 1966 [<i>N. minima</i> var. <i>pseudofossilis</i> , orthographic error, Pierre Compere per com. 2/2/2000] * pennate diatom	1,2	ES	V
• <i>Navicula minusculoides</i> Hustedt, 1942 * pennate diatom	1,2,3	ES	V
• <i>Navicula molestiformis</i> Hustedt, 1949 [= <i>N. paucivittata</i> Patrick, 1959] * pennate diatom	1,2,3	ES	V
• <i>Navicula monoculata</i> Hustedt, 1945 * pennate diatom	8	ES	A
• <i>Navicula mutica</i> Kützing, 1844 * pennate diatom	2,3	ES	V

Family Naviculaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Navicula mutica</i> var. <i>ventricosa</i> (Kützing) Cleve & Grunow, 1880 * pennate diatom	8	ES	A
• <i>Navicula pelliculosa</i> (Brébisson) Hilse, 1863 * pennate diatom	1,2,3	ES	V
• <i>Navicula praeterita</i> Hustedt, 1945 * pennate diatom	8	ES	A
• <i>Navicula pseudolanceolata</i> Lange-Bertalot, 1980 * pennate diatom	5	ES	C
• <i>Navicula pupula</i> Kützing, 1844 * pennate diatom	1,2,3,5,8	ES	V
• <i>Navicula pupula</i> var. <i>aquaeductae</i> (Krasske) Hustedt, 1930 [= <i>N. aquaeductae</i> Krasske, 1925] [<i>N. aquaduræ</i> , orthographic error?] * pennate diatom	8	ES	A
• <i>Navicula pupula</i> var. <i>rectangularis</i> (Gregory) Cleve, 1880 * pennate diatom	1,2,3	ES	V
• <i>Navicula pygmaea</i> Kützing, 1849 * pennate diatom	1,2,3,5,8,10	ES	A,C,V
• <i>Navicula radiosa</i> Kützing, 1844 * pennate diatom	1,2,3,5,8	ES	A,C,V
• <i>Navicula recens</i> (Lange-Bertalot) Lange-Bertalot, 1985 * pennate diatom	8	ES	A
• <i>Navicula rhyngocephala</i> Kützing, 1844 [<i>N. rhyngocephala</i> , orthographic error?] * pennate diatom	5,8	ES	A,C
• <i>Navicula salinarum</i> Grunow, 1880 * pennate diatom	1,2,3,5,8,10	CK,ES	R,V
• <i>Navicula saprophila</i> Lange-Bertalot & Bonik, 1976 * pennate diatom	8	CK,ES	A
• <i>Navicula schroeterii</i> Meister, 1932 [= <i>N. schroeterii</i> var. <i>escambia</i> Patrick, 1958] [= <i>N. symmetrica</i> Patrick, 1944] * pennate diatom	8	ES	A
• <i>Navicula seminulum</i> Grunow, 1860 * pennate diatom	1,2,3	ES	V
• <i>Navicula similis</i> Krasske, 1929 * pennate diatom	1,2,3,10	ES	V
• <i>Navicula splendicula</i> VanLandingham, 1975 * pennate diatom	1,2,3,8,10	ES	A,V
• <i>Navicula subminuscula</i> Manguin, 1941 * pennate diatom	8	ES	A
• <i>Navicula submolesta</i> Hustedt, 1949 * pennate diatom	1,2,3	ES	V
• <i>Navicula tenelloides</i> Hustedt, 1937 * pennate diatom	8	ES	A
• <i>Navicula tenera</i> Hustedt, 1937 * pennate diatom	8	ES	A
• <i>Navicula tripunctata</i> (Müller) Bory, 1822 [= <i>N. tripunctata</i> var. <i>tripunctata</i> (Müller) Bory, 1822] * pennate diatom	3,10	ES	V
• <i>Navicula tripunctata</i> var. <i>schizonemoides</i> (VanHeurck) Patrick, 1959 * pennate diatom	1,3,8,10	CK,ES	A,R,V
• <i>Navicula trivialis</i> Lange-Bertalot, 1980 * pennate diatom	2	ES	V
• <i>Navicula vaucherie</i> Petersen, 1915 * pennate diatom	2,3	ES	V
• <i>Navicula veneta</i> Kützing, 1844 [= <i>N. cryptocephala</i> var. <i>veneta</i> (Kützing) Rabenhorst, 1864] * pennate diatom	8	ES	A
• <i>Navicula viridula</i> (Kützing) Ehrenberg, 1838 * pennate diatom	1,2,3	ES	V
• <i>Navicula viridula</i> var. <i>germainii</i> (Kützing) Lange-Bertalot, 1991 [= <i>N. rhyngocephala</i> var. <i>germainii</i> (Wallace) Patrick, 1966] * pennate diatom	8	ES	A
• <i>Navicula viridula</i> var. <i>rostellata</i> (Kützing) Cleve, 1895 * pennate diatom	3,10	CK,ES	R
• <i>Navicula viridula</i> var. 1 * pennate diatom	3,5,8,10	CK,ES	R
• <i>Navicula</i> spp. Bory, 1822 * pennate diatoms	8	ES	A
• <i>Nedium affine</i> (Ehrenberg) Pfitzer, 1871 * pennate diatom	8,9	ES	A,P
• <i>Nedium dubium</i> (Ehrenberg) Cleve, 1894 * pennate diatom	5	ES	A
• <i>Pinnularia abaujensis</i> var. <i>rostrata</i> (Patrick) Patrick, 1966 * pennate diatom	5	ES	A
• <i>Pinnularia borealis</i> Ehrenberg, 1843 * pennate diatom	2,3	ES	V
• <i>Pinnularia intermedia</i> (Lagerstedt) Cleve, 1895 [= <i>Navicula intermedia</i> Lagerstedt, 1873] * pennate diatom	3,10	LE	C
• <i>Pinnularia microstauron</i> (Ehrenberg) Cleve, 1891 * pennate diatom	3,10	ES	V
• <i>Pinnularia microstauron</i> var. <i>brebissonii</i> (Kützing) Mayer, 1912 [= <i>P. brebissonii</i> (Kützing) Rabenhorst, 1864] * pennate diatom	8	ES	V
• <i>Pinnularia microstauron</i> var. <i>brebissonii</i> f. <i>diminuta</i> (Grunow) Hustedt, 1930 [= <i>P. brebissonii</i> var. <i>diminuta</i> (Grunow) Cleve, 1895] [<i>P. brebissonii</i> var. <i>diminuata</i> , orthographic error] * pennate diatom	2,3,8	ES	A,V
• <i>Pinnularia nodosa</i> (Ehrenberg) Smith, 1856 * pennate diatom	10	ES	V
• <i>Pinnularia obscura</i> Krasske, 1932 * pennate diatom	1,2,3,10	ES	V
• <i>Pinnularia stomatophora</i> (Grunow) Cleve, 1891 * pennate diatom	1,2	ES	V
• <i>Pinnularia viridis</i> (Nitzsch) Ehrenberg, 1843 * pennate diatom	3	ES	V
	1,2,3,10	ES	V
	3,8,10	ES	A,P
	1,2,3	ES	V
	1	ES	V

Family Naviculaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Pinnularia</i> sp. Ehrenberg, 1843 * pennate diatom	5	ES	C
• <i>Plagiotropis lepidoptera</i> var. <i>probosidea</i> (Cleve) Reimer, 1975 * pennate diatom	1,2,3	ES	V
• <i>Pleurosigma delicatulum</i> Smith, 1852 * pennate diatom	3,10	CK	R
• <i>Stauroneis anceps</i> Ehrenberg, 1843 * pennate diatom	1,2,3,10	ES	V
• <i>Stauroneis kriegei</i> Patrick, 1945 * pennate diatom	1,2,3	ES	V
• <i>Stauroneis phoenicenteron</i> (Nitzsch) Ehrenberg, 1843 [= <i>S. phoenicenteron</i> var. <i>gracilis</i> (Ehrenberg) Hustedt, 1930] * pennate diatom	1,2,3	ES	V
• <i>Stauroneis smithii</i> Grunow, 1860 * pennate diatom	3,5,8,10	ES	A,C,V
• <i>Stauroneis thermicola</i> (Petersen) Lund, 1946 * pennate diatom	8	ES	A

Family Cymbellaceae

• <i>Amphora montana</i> Krasske, 1932 [= <i>A. submontana</i> Hustedt, 1949] * pennate diatom	8 1,2,3	ES ES	A V
• <i>Amphora pediculus</i> (Kützing) Grunow, 1880 [= <i>A. ovalis</i> var. <i>pediculus</i> (Kützing) VanHeurck, 1885] [= <i>A. perpusilla</i> Grunow, 1884-1887] * pennate diatom	8,9,10 2,3 1,2,3,10	ES ES CK,ES	A,P V R,V
• <i>Amphora ovalis</i> (Kützing) Kützing, 1844 * pennate diatom	8	ES	A
• <i>Amphora</i> sp. Ehrenberg, 1844 * pennate diatom	8	ES	A
• <i>Cymbella affinis</i> Kützing, 1844 * pennate diatom	8	ES	A
• <i>Cymbella caespitosa</i> (Kützing) Brun, 1880 * pennate diatom	8	ES	A
• <i>Cymbella microcephala</i> Grunow, 1880 * pennate diatom	8	ES	A
• <i>Cymbella minuta</i> Hilse, 1862 [= <i>Cymbella ventricosa</i> Kützing, 1844] * pennate diatom	1,2,3,10 2	CK,ES ES	R,V V
• <i>Cymbella naviculiformis</i> (Auerswald) Cleve, 1894 * pennate diatom	1,2,3	ES	V
• <i>Cymbella prostrata</i> (Berkeley) Cleve, 1894 * pennate diatom	3,10	CK	R
• <i>Cymbella silesiaca</i> Bleisch, 1864 [= <i>C. minuta</i> var. <i>silesiaca</i> (Bleisch) Reimer, 1975] * pennate diatom	8,10 2,3,10	CK,ES CK,ES	A,R,V R,V
• <i>Cymbella triangulum</i> (Ehrenberg) Cleve, 1894 * pennate diatom	3,10	LE	C
• <i>Cymbella tumida</i> (Brébisson) VanHeurck, 1880 [= <i>C. tumida</i> var. <i>tumida</i> (Brébisson) VanHeurck, 1880] * pennate diatom	1,2,3,8,10 10	CK,ES CK,ES	R,V V
• <i>Cymbella tumidula</i> Grunow, 1875 * pennate diatom	3,10	CK,ES	V
• <i>Cymbella turgidula</i> Grunow, 1875 * pennate diatom	1,2,3,10	CK,ES	R,V
• <i>Gomphonema acuminatum</i> Ehrenberg, 1832 * pennate diatom	1,2,3,8	ES	A,V
• <i>Gomphonema affine</i> Kützing, 1844 * pennate diatom [= <i>G. affine</i> var. <i>insigne</i> (Gregory) Andrews, 1970]	1,2,8,10 1,2,3,10	ES CK,ES	A,V R,V
• <i>Gomphonema affine</i> var. <i>elongatum</i> (Mayer) Millie & Lowe, 1981 * pennate diatom	1,2	ES	V
• <i>Gomphonema amoenum</i> Lange-Bertalot, 1985 * pennate diatom	8	ES	A
• <i>Gomphonema angustatum</i> (Kützing) Rabenhorst, 1864 [= <i>G. angustatum</i> var. <i>productum</i> Grunow, 1880] * pennate diatom	1,2,3,5,8,10 3,10	CK,ES CK	R,V R
• <i>Gomphonema angustatum</i> var. <i>citera</i> (Hohn & Hellerman) Patrick, 1975 * pennate diatom	3,10	CK	R
• <i>Gomphonema angustatum</i> var. <i>sarcophogus</i> (Gregory) Grunow, 1880 * pennate diatom	1,2,3	ES	V
• <i>Gomphonema angustum</i> Agardh, 1831 [= <i>G. bohemicum</i> Reich & Fricke, 1902] [= <i>G. intricatum</i> Kützing, 1844] [= <i>G. intricatum</i> var. <i>bohemicum</i> (Reich & Fricke) Cleve-Euler, 1955] * pennate diatom	3 1,2,3 10	ES ES CK	V V R
• <i>Gomphonema augur</i> Ehrenberg, 1840 * pennate diatom	3,8,10	CK,ES	R,V
• <i>Gomphonema augur</i> var. <i>spaerophorum</i> (Ehrenberg) Grunow, 1878 [= <i>G. spaerophorum</i> Ehrenberg, 1845] * pennate diatom	3,10	CK	R
• <i>Gomphonema clavatum</i> Ehrenberg, 1832 [= <i>G. subclavatum</i> (Grunow) Grunow, 1885] * pennate diatom	8 1,2,3,10	ES ES	A V
• <i>Gomphonema clevei</i> Fricke, 1902 * pennate diatom	8	ES	A
• <i>Gomphonema dichotomum</i> Kützing, 1833 * pennate diatom	3	ES	V
• <i>Gomphonema gracile</i> Ehrenberg, 1838 * pennate diatom	1,2,3,8	ES	A,V

Family Cymbellaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Gomphonema minutum</i> (Agardh) Agardh, 1831 * pennate diatom	8	ES	A
• <i>Gomphonema minutum</i> f. <i>lamanense</i> Lange-Bertalot & Reichardt, 1991 * pennate diatom	8	ES	A
• <i>Gomphonema olivaceum</i> (Hornemann) Brébisson, 1838 * pennate diatom	1,2,3,8,10	CK,ES	A,R,V
• <i>Gomphonema parvulum</i> (Kützing) Kützing, 1849 [= <i>G. parvulum</i> var. <i>exilissima</i> Grunow, 1880] * pennate diatom	1,2,3,8,9,10	CK,ES	A,P,R,V
• <i>Gomphonema truncatum</i> Ehrenberg, 1832 * pennate diatom	8	ES	A
• <i>Gomphonema truncatum</i> var. <i>elongata</i> (Peragallo & Heribaud) Patrick, 1975 * pennate diatom	8	ES	A
• <i>Gomphonema truncatum</i> var. <i>elongata</i> (Peragallo & Heribaud) Patrick, 1975 * pennate diatom	10	ES	C
• <i>Gomphonema</i> sp. Ehrenberg, 1832 * pennate diatom	9	ES	P
• <i>Reimeria sinuata</i> (Gregory) Kocielek & Stoermer, 1987 [= <i>Cymbella sinuata</i> Gregory, 1858] * pennate diatom	5	ES	C
	3,8,10	CK,ES	R

Family Nitzschiaceae

• <i>Cylindrotheca gracilis</i> (Brébisson) Grunow, 1882 * pennate diatom	5	ES	C
• <i>Hantzschia amphioxys</i> (Ehrenberg) Grunow, 1880 * pennate diatom	1,2,3,5,10	ES	C,P,V
• <i>Nitzschia acicularis</i> (Kützing) Smith, 1853 * pennate diatom	3,5,8,10	ES	A,C,P
• <i>Nitzschia acidoclinata</i> Lange-Bertalot, 1976 [= <i>N. frustulum</i> var. <i>perminuta</i> Grunow, 1881] * pennate diatom	10	ES	V
	1,2,3,10	ES	V
• <i>Nitzschia acuminata</i> (Smith) Grunow, 1878 * pennate diatom	2,3	ES	V
• <i>Nitzschia admissoides</i> Cholnoky, 1968 * pennate diatom	10	CK	R
• <i>Nitzschia agnita</i> Hustedt, 1957 * pennate diatom	1,2,3	ES	V
• <i>Nitzschia amphibia</i> Grunow, 1862 * pennate diatom	1,2,3,5,8,10	CK,ES	A,C,R,V
• <i>Nitzschia angustata</i> (Smith) Grunow, 1880 * pennate diatom	1,2,3,8	ES	A,V
• <i>Nitzschia angustatula</i> Lange-Bertalot, 1987 * pennate diatom	8	ES	A
• <i>Nitzschia angustiforaminata</i> Lange-Bertalot, 1980 * pennate diatom	8	ES	A
• <i>Nitzschia bita</i> ? Hohn & Hellerman, 1963 * pennate diatom	10	CK	R
• <i>Nitzschia brevissima</i> Grunow, 1881 * pennate diatom	8	ES	A
• <i>Nitzschia capitellata</i> Hustedt, 1922 * pennate diatom	1,2,3,8,10	ES	A,V
• <i>Nitzschia clausii</i> Hantzsch, 1860 * pennate diatom	8	ES	A
• <i>Nitzschia closterium</i> (Ehrenberg) Smith, 1853 * pennate diatom	5	ES	C
• <i>Nitzschia communis</i> Rabenhorst, 1860 [= <i>N. communis</i> var. <i>abbreviata</i> Grunow, 1880] * pennate diatom	1,2,3,10	ES	V
	3,10	CK	R
• <i>Nitzschia commutatoides</i> Lange-Bertalot, 1987 * pennate diatom	8	ES	A
• <i>Nitzschia compressa</i> var. <i>vexans</i> (Grunow) Lange-Bertalot, 1987 * pennate diatom	8	ES	A
• <i>Nitzschia constricta</i> (Kützing) Ralfs, 1861 [= <i>N. apiculata</i> (Gregory) Grunow, 1878] * pennate diatom	10	CK	R
	3,5,8,10	CK	A,C,R
• <i>Nitzschia dissipata</i> (Kützing) Grunow, 1862 [= <i>N. dissipata</i> var. <i>genuina</i> Mayer, 1913] * pennate diatom	3,5,8,10	CK,ES	A,C,R
	10	CK	R
• <i>Nitzschia dissipata</i> var. <i>media</i> (Hantzsch) Grunow, 1881 * pennate diatom	1,2,3,8	ES	V
• <i>Nitzschia dubia</i> Smith, 1853 * pennate diatom	8	ES	A
• <i>Nitzschia filiformis</i> (Smith) VanHeurck, 1896 * pennate diatom	1,2,3,8,10	ES	A,V
• <i>Nitzschia fonticola</i> Grunow, 1879 [= <i>N. romana</i> Grunow, 1881] * pennate diatom	1,2,3,8,10	ES	A,V
	1,2,3,10	ES	V
• <i>Nitzschia frustulum</i> (Kützing) Grunow, 1880 * pennate diatom	1,2,3,8	ES	A,V
• <i>Nitzschia frustulum</i> var. <i>perpusilla</i> (Rabenhorst) Grunow, 1881 * pennate diatom	1,2,3	ES	V
• <i>Nitzschia fruticosa</i> Hustedt, 1957 [= <i>N. actinastroides</i> (Lemmertmann) VanGoor, 1925] * pennate diatom	1,2,3	ES	V
• <i>Nitzschia gracilis</i> Hantzsch, 1860 * pennate diatom	3,5,8,10	ES	A,C,V
• <i>Nitzschia hantzschiana</i> Rabenhorst, 1860 * pennate diatom	8	ES	A
• <i>Nitzschia hungarica</i> Grunow, 1862 * pennate diatom	1,2,3,5,8,10	ES	A,C,P,V
• <i>Nitzschia inconspicua</i> Grunow, 1862 [= <i>N. epiphytica</i> Müller, 1905] * pennate diatom	1,2,3,8,10	ES	A,V
	3,10	ES	V
• <i>Nitzschia intermedia</i> Hantzsch, 1880 [= <i>N. philippinarum</i> Hustedt, 1942] [= <i>N. tarda</i> Hustedt, 1949] * pennate diatom	8	ES	A
	1,2,3	ES	V
	1,2,3,10	CK,ES	V

Family Nitzschiaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Nitzschia levidensis</i> (Smith) Grunow, 1881	1,2,8	ES	A,V
[= <i>N. tryblionella</i> var. <i>levidensis</i> (Smith) Grunow, 1880] * pennate diatom	3,10	ES	V
• <i>Nitzschia linearis</i> (Agardh) Smith, 1853 * pennate diatom	1,2,3,5	ES	C,V
• <i>Nitzschia linearis</i> var. <i>subtilis</i> (Grunow) Hustedt, 1923 * pennate diatom	8	ES	A
• <i>Nitzschia littoralis</i> Grunow, 1880 * pennate diatom	8	ES	A
• <i>Nitzschia microcephala</i> Grunow, 1878 * pennate diatom	8	ES	A
• <i>Nitzschia nereidis</i> Cholnoky, 1960 * pennate diatom	8	ES	A
• <i>Nitzschia palea</i> (Kützing) Smith, 1856	1,2,3,5,8,10	CK,ES	A,C,R,V
[= <i>N. accomodata</i> Hustedt, 1949] * pennate diatom	3,10	ES	V
• <i>Nitzschia palea</i> var. <i>minuta</i> (Bleisch) Grunow, 1881			
[= <i>N. minuta</i> Bleisch, 1863] * pennate diatom	8	ES	A
• <i>Nitzschia paleacea</i> (Grunow) Grunow, 1881 * pennate diatom	1,8	ES	A,V
• <i>Nitzschia parvula</i> Smith, 1853			
[= <i>N. parvula</i> var. <i>terricola</i> Lund, 1946] * pennate diatom	1,2,3	ES	V
• <i>Nitzschia perspicua</i> Cholnoky, 1960			
[<i>N. perspicua</i> , orthographic error?] * pennate diatom	8	ES	A
• <i>Nitzschia plana</i> Smith, 1853 * pennate diatom	10	ES	V
• <i>Nitzschia pusilla</i> Grunow, 1862	1,8	ES	A,V
[= <i>N. kuetzingiana</i> Hilse, 1862] * pennate diatom	1,2,3,10	CK,ES	P,V
• <i>Nitzschia recta</i> Hantzsch, 1861-1879 * pennate diatom	2,3,8,10	CK,ES	A,R
• <i>Nitzschia reversa</i> Smith, 1853	5	ES	C
[= <i>N. longissima</i> (Brébisson) Grunow, 1862] * pennate diatom	3,10	ES	P
• <i>Nitzschia sigma</i> (Kützing) Smith, 1853 * pennate diatom	3,5,10	ES	V
• <i>Nitzschia sigmoidea</i> (Nitzsch) Smith, 1853 * pennate diatom	1,2,3,10	CK,ES	R,V
• <i>Nitzschia sinuata</i> (Thwaites?) Grunow, 1880 * pennate diatom	5	ES	C
• <i>Nitzschia sinuata</i> var. <i>tabellaria</i> (Grunow) Grunow, 1881 * pennate diatom	2,3,8,10	CK,ES	R
• <i>Nitzschia spiculum</i> Hustedt, 1949 * pennate diatom	3	ES	V
• <i>Nitzschia sociabilis</i> Hustedt, 1957 * pennate diatom	8	ES	A
• <i>Nitzschia solita</i> Hustedt, 1953 * pennate diatom	8	ES	A
• <i>Nitzschia stricta</i> Hustedt, 1949 * pennate diatom	1,2,3	ES	V
• <i>Nitzschia subacicularis</i> Hustedt, 1922	3,10	ES	P
[= <i>N. subrostrata</i> Hustedt, 1942] * pennate diatom	1,2,3	ES	V
• <i>Nitzschia supralitorea</i> Lange-Bertalot, 1979 * pennate diatom	8	ES	A
• <i>Nitzschia tropica</i> Hustedt, 1949 * pennate diatom	3,10	ES	V
• <i>Nitzschia tryblionella</i> Hantzsch, 1860 * pennate diatom	1,2,3,5	ES	C,V
• <i>Nitzschia tubicola</i> Grunow, 1880 * pennate diatom	8	ES	A
• <i>Nitzschia valga</i> Cholnoky, 1968 * pennate diatom	3	ES	P
Family Epithemiaceae			
• <i>Denticula kuetzingii</i> Grunow, 1862 * pennate diatom	8	ES	A
• <i>Epithemia adnata</i> (Kützing) Brébisson, 1838 * pennate diatom	8	ES	A
• <i>Epithemia turgida</i> (Ehrenberg) Kützing, 1844	10	ES	C
[= <i>E. emarginata</i> Andrews, 1968] * pennate diatom	10	ES	C
Family Surirellaceae			
• <i>Cymatopleura elliptica</i> (Brébisson) Smith, 1851 * pennate diatom	3	CK	R
• <i>Cymatopleura solea</i> (Brébisson) Smith, 1851 * pennate diatom	1,2,3,9	ES	P,V
• <i>Surirella angusta</i> Kützing, 1844 * pennate diatom	1,2,3,8,10	ES	A,V
• <i>Surirella brebissonii</i> var. <i>kuetzingii</i> Krammer & Lange-Bertalot, 1987 * pennate diatom	8	ES	A
• <i>Surirella minuta</i> Brébisson, 1849	8,10	ES	A,V
[= <i>S. ovata</i> Kützing, 1844]	1,2,3,5,10	CK,ES	C,R,V
[= <i>S. ovata</i> var. <i>pinnata</i> Brun, 1880] * pennate diatom	1,2,3,5	ES	C,V
• <i>Surirella ovalis</i> Brébisson, 1838 * pennate diatom	9	ES	P
• <i>Surirella suecica</i> Grunow, 1881 * pennate diatom	8	ES	A
• <i>Surirella tenera</i> Gregory, 1856			
[= <i>S. tenera</i> var. <i>nervosa</i> Schmidt, 1875] * pennate diatom	5	ES	C
• <i>Surirella turgida</i> Smith, 1853 * pennate diatom	1,2,3	ES	V

Family Achnantheaceae

	SOURCE	LOCATION	HABITAT
• <i>Achnanthes biasoletiana</i> Grunow, 1880 * pennate diatom	8	ES	A
• <i>Achnanthes clevei</i> Grunow, 1880 * pennate diatom	8	ES	A
• <i>Achnanthes conspicua</i> Mayer, 1919 [= <i>A. pinnata</i> Hustedt, 1922] * pennate diatom	10 3,10	CK CK	R R
• <i>Achnanthes hungarica</i> (Grunow) Grunow, 1880 * pennate diatom	1,2,3,5	ES	C,V
• <i>Achnanthes grischuna</i> Wuthrich, 1975 * pennate diatom	8	ES	A
• <i>Achnanthes lanceolata</i> (Brébisson) Grunow, 1880 * pennate diatom	1,2,3,5,8,9	CK,ES	A,C,P,R,V
• <i>Achnanthes lanceolata</i> ssp. <i>dubia</i> (Grunow) Lange-Bertalot, 1991 * pennate diatom	1,2,3,10	CK,ES	V
• <i>Achnanthes lanceolata</i> ssp. <i>lanceolata</i> (Brébisson) Grunow, 1880 * pennate diatom	10	CK,ES	R,V
• <i>Achnanthes lanceolata</i> ssp. <i>lanceolata</i> var. <i>boyei</i> (Østrup) Lange-Bertalot, 1989 [= <i>A. lanceolata</i> var. <i>boyei</i>] * pennate diatom	8	ES	A
• <i>Achnanthes laurenburgiana</i> Hustedt, 1950 * pennate diatom	3,10	ES	V
• <i>Achnanthes minutissima</i> Kützing, 1833 * pennate diatom	1,2,3,8	CK,ES	R,V
• <i>Achnanthes minutissima</i> var. <i>gracillima</i> (Meister) Lange-Bertalot, 1989 * pennate diatom	8	ES	A
• <i>Achnanthes minutissima</i> var. <i>minutissima</i> Kützing, 1833 * pennate diatom	10	CK	R
• <i>Achnanthes minutissima</i> var. <i>saprophila</i> Kobayasi & Mayama, 1982 * pennate diatom	8	ES	A
• <i>Achnanthes minutissima</i> var. 2 * pennate diatom	8	ES	A
• <i>Achnanthes</i> sp. Bory, 1822 * pennate diatom	8,9,10	CK,ES	A,P,R,V
• <i>Cocconeis pediculus</i> Ehrenberg, 1839 * pennate diatom	3,8,10	ES	A,V
• <i>Cocconeis placentula</i> Ehrenberg, 1839 * pennate diatom	1,2,3,10	CK,ES	R,V
• <i>Cocconeis placentula</i> var. <i>euglypta</i> (Ehrenberg) Grunow, 1884 * pennate diatom	1,2,3,8	ES	A,V
• <i>Cocconeis placentula</i> var. <i>lineata</i> (Ehrenberg) VanHeurck, 1881 * pennate diatom	1,2,3,8	ES	A,V
• <i>Rhicosphenia abbreviata</i> (Agardh) Lange-Bertalot, 1980 [= <i>R. curvata</i> (Kützing) Grunow, 1864] * pennate diatom	9,10 1,2,3,8,10	CK,ES CK,ES	P,V R,V

DIVISION PYRRHOPHYTA (fire algae)

CLASS DINOPHYCEAE (dinoflagellates)

ORDER GYMNODINIALES

Family Gymnodiniaceae

• <i>Gymnodinium aeruginosum</i> Stein, 1883 [= <i>G. acidotum</i> Nygaard, 1949] * dinoflagellate	10 2,3,10	ES ES	P P
• <i>Gymnodinium helveticum</i> Penard, 1891 * dinoflagellate	2,3	ES	P
• <i>Gymnodinium palustre</i> Schilling, 1891 * dinoflagellate	10	ES	P
• <i>Gymnodinium</i> spp. Stein, 1878 * dinoflagellates	2,6,10	CK,ES	B,P
• <i>Katodinium fungiforme</i> (Anisimova) Loeblich, 1965 [= <i>Gymnodinium fungiforme</i> Anisimova, 1920] * dinoflagellate	6	ES	B

ORDER PERIDINIALES

Family Ceratiaceae

• <i>Ceratium hirundinella</i> (Müller) Dujardin, 1841 * dinoflagellate	2,3	ES,LE	P
• <i>Ceratium</i> sp. Schrank, 1793 * dinoflagellate	4	ES	P

Family Lophodiniaceae

• <i>Woloszynskia coronata</i> (Woloszynska) Thompson, 1950 * dinoflagellate	10	ES	P
--	----	----	---

Family Peridiniaceae

• <i>Glenodinium</i> sp. Ehrenberg, 1837 * dinoflagellate	2,3,10	ES	P
• <i>Peridiniopsis quadridens</i> (Stein) Bourrelly, 1968	10	ES	P
[= <i>Peridinium quadridens</i> Stein, 1883] * dinoflagellate	3,10	ES	P

DIVISION CRYPTOPHYTA (cryptomonads)

CLASS CRYPTOPHYCEAE

ORDER CRYPTOMONADALES

Family Hemiselmidaceae [=Planonephraceae]

- *Planonephros parvula* (Skuja) Christensen, 1967

[=*Sennia parvula* Skuja, 1948] * cryptomonad

Family Cryptomonadaceae

- *Chilomonas* sp. Ehrenberg, 1838 * cryptomonad
- *Chroomonas norstedtii* Hansgirg, 1892 * cryptomonad
- *Chroomonas* sp. Hansgirg, 1885 * cryptomonad
- *Cryptomonas compressa* Pascher, 1913 * cryptomonad
- *Cryptomonas erosa* Ehrenberg, 1938 * cryptomonad
- *Cryptomonas erosa* var. *reflexa* Marsson, 1904 * cryptomonad
- *Cryptomonas marssonii* Skuja, 1948 * cryptomonad
- *Cryptomonas obovata* Skuja, 1948 * cryptomonad
- *Cryptomonas ovata* Ehrenberg, 1838 * cryptomonad
- *Cryptomonas reflexa* Skuja, 1939 * cryptomonad
- *Cryptomonas tenuis* Pascher, 1913 * cryptomonad
- *Cryptomonas tetrapyrenoidosa* Skuja, 1948 * cryptomonad
- *Cryptomonas* spp. Ehrenberg, 1838 * cryptomonads
- *Rhodomonas lacustris* Pascher & Ruttner, 1913 * cryptomonad
- *Rhodomonas lens* Pascher & Ruttner, 1913 * cryptomonad
- *Rhodomonas minuta* Skuja, 1948 * cryptomonad
- *Rhodomonas minuta* var. *nannoplanctonica* Skuja, 1948 * cryptomonad
- *Rhodomonas* spp. Karsten, 1898 * cryptomonads

Family Cyathomonadaceae

- *Cyathomonas truncata* (Fresenius) Fisch, 1885 * cryptomonad
- *Cyathomonas* sp. Fromentel, 1874 * cryptomonad

SOURCE	LOCATION	HABITAT
10	ES	P
3,6,10	ES	P
6	ES	B
6	ES	B
3,10	ES	P
6	ES	B
2,3,6,9,10	ES	B,P
2,10	CK	P
3,10	ES	P
6	ES	B
3,6,10	ES	B,P
6	ES	B,P
6	ES	B
10	ES	P
4,6,9,10	ES	B,P
2,3,6,10	ES	B,P
6	ES	B
6,10	ES	B,P
3,9,10	ES,LE	P
2,6,9,10	CK,ES	B,P
6	ES	B
6	ES	B

DIVISION EUGLENOPHYTA (euglenoids)

CLASS EUGLENOPHYCEAE

ORDER EUGLENALES (green euglenas)

Family Euglenaceae

- *Ascoglena vaginicola* Stein, 1878 * euglenoid
- *Ascoglena* sp. Stein, 1878 * euglenoid
- *Euglena acus* Ehrenberg, 1830 * euglenoid
- *Euglena bellovacensis* Chadeffaud & Gojdics, 1937 * euglenoid
- *Euglena deses* Ehrenberg, 1833 * euglenoid
- *Euglena ehrenbergii* Klebs, 1883 * euglenoid
- *Euglena elastica* Prescott, 1944 * euglenoid
- *Euglena fronsundulata* Johnson, 1944 * euglenoid
- *Euglena gasterosteus* Skuja, 1948 * euglenoid
- *Euglena gracilis* Klebs, 1883 * euglenoid
- *Euglena ignobilis* Johnson, 1944 * euglenoid
- *Euglena minima* Francé, 1893 * euglenoid
- *Euglena oxyuris* Schmarda, 1846 * euglenoid
- *Euglena oxyuris* var. *minima* Bourrelly, 1949 * euglenoid
- *Euglena oxyuris* var. *minor* Deflandre, 1924 * euglenoid
- *Euglena pisciformis* Klebs, 1883 * euglenoid
- *Euglena proxima* Dangeard, 1901 * euglenoid
- *Euglena spathirhyncha* Skuja, 1948 * euglenoid
- *Euglena spirogyra* Ehrenberg, 1830 * euglenoid
- *Euglena tripteris* (Dujardin) Klebs, 1883
- [*E. tripteras*, orthographic error] * euglenoid
- *Euglena vermiformis* Carter, 1937 * euglenoid
- *Euglena* spp. Ehrenberg, 1838 * euglenoids

2,10	ES	B,V
3	ES	V
2,3,5,6,9,10	ES	B,P
10	ES	P
6	ES	B
3,6,10	ES	B,P
5	ES	C
10	ES	P
3,9,10	CK,ES	P
2,3,5,6	ES	B,P
10	ES	P
5	ES	C
2,3,5,10	ES	B
3,10	ES	P
2,10	ES	P
6	ES	B
10	ES	P
3,10	ES	P
3,5,10	ES	C,P
3,6,10	ES	B,P
5	ES	C
6	ES	B
2,3,6,7,9,10	CK,ES	B,P,V

Family Euglenaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Lepocinclis ovum</i> (Ehrenberg) Lemmermann, 1910 * euglenoid	9,10	ES	P
• <i>Lepocinclis ovum</i> var. <i>deflandriana</i> Conrad, 1935 * euglenoid	10	ES	P
• <i>Lepocinclis ovum</i> var. <i>dimidio-minor</i> Deflandre, 1924 * euglenoid	10	ES	P
• <i>Lepocinclis ovum</i> var. <i>ovata</i> f. <i>ecaudata</i> Deflandre, 1926 * euglenoid	10	ES	P
• <i>Lepocinclis ovum</i> f. <i>typica</i> (Ehrenberg) Lemmermann, 1901 * euglenoid	10	ES	P
• <i>Lepocinclis texta</i> f. <i>minor</i> Conrad, 1934 * euglenoid	10	ES	P
• <i>Lepocinclis</i> spp. Perty, 1852 * euglenoids	2,3,5,6,9,10	CK,ES	B,F
• <i>Phacus acuminatus</i> Stokes, 1881 * euglenoid	2,3,10	CK,ES	B,F
• <i>Phacus arnoldi</i> Swirenko, 1915 * euglenoid	2	ES	B
• <i>Phacus caudatus</i> Hübner, 1886 * euglenoid	3,10	ES	P
• <i>Phacus contortus</i> Bourrelly, 1952 * euglenoid	3,10	ES	P
• <i>Phacus curvicauda</i> Swirenko, 1915 * euglenoid	3,10	ES	P
• <i>Phacus helikoides</i> Pochmann, 1942 [or <i>P. helicoides</i>] * euglenoid	2,3	ES	B,F
• <i>Phacus longicauda</i> (Ehrenberg) Dujardin, 1841 * euglenoid	5	ES	P
• <i>Phacus obicularis</i> Hübner, 1886 * euglenoid	3,10	ES	P
• <i>Phacus pleuronectes</i> (Müller) Dujardin, 1841 * euglenoid	5,6	ES	B
• <i>Phacus pseudonordstedii</i> Pochmann, 1942 * euglenoid	2,3,9,10	ES	B,F
• <i>Phacus rudicula</i> (Playfair) Pochmann, 1942 * euglenoid	10	ES	P
• <i>Phacus tortus</i> (Lemmermann) Skvortzov, 1928 * euglenoid	3,5,6,10	ES	B,F
• <i>Phacus triqueter</i> (Ehrenberg) Dujardin, 1841 * euglenoid	5	ES	P
• <i>Phacus</i> sp. Dujardin, 1841 * euglenoid	2,6,10	ES	B
• <i>Strombomonas acuminata</i> (Schmarda) Deflandre, 1930 * euglenoid	10	ES	P
• <i>Strombomonas fluviatilis</i> (Lemmermann) Deflandre, 1930 [<i>S. fluviatile</i> , orthographic error?] * euglenoid	10 9	ES ES	P P
• <i>Strombomonas gibberosa</i> (Playfair) Deflandre, 1930 * euglenoid	2,3,9,10	ES	B,F
• <i>Strombomonas longicauda</i> (Swirenko) Deflandre, 1930 * euglenoid	3,10	ES	P
• <i>Strombomonas schauinslandii</i> (Lemmermann) Deflandre, 1930 * euglenoid	10	ES	P
• <i>Strombomonas verrucosa</i> var. <i>zmiewika</i> (Swirenko) Deflandre, 1930 * euglenoid	10	ES	P
• <i>Strombomonas</i> sp. Deflandre, 1930 * euglenoid	10	ES	P
• <i>Trachelomonas abrupta</i> var. <i>minor</i> Deflandre, 1926 * euglenoid	10	ES	P
• <i>Trachelomonas armata</i> (Ehrenberg) Stein, 1878 * euglenoid	6	ES	B,F
• <i>Trachelomonas bulla</i> Stein, 1878 * euglenoid	10	ES	P
• <i>Trachelomonas crebea</i> (Kellicott) Deflandre, 1926 * euglenoid	10	ES	P
• <i>Trachelomonas granulosa</i> Playfair, 1916 * euglenoid	10	ES	P
• <i>Trachelomonas hispida</i> (Perty) Stein, 1883 * euglenoid	6,10	ES	B,F
• <i>Trachelomonas horrida</i> Palmer, 1905 * euglenoid	6	ES	B,F
• <i>Trachelomonas lacustris</i> Drezepolski, 1925 * euglenoid	10	ES	P
• <i>Trachelomonas oblonga</i> Lemmermann, 1899 * euglenoid	10	ES	P
• <i>Trachelomonas oblonga</i> var. <i>attenuata</i> Playfair, 1915 * euglenoid	10	ES	P
• <i>Trachelomonas oblonga</i> var. <i>truncata</i> Lemmermann, 1899 * euglenoid	10	ES	P
• <i>Trachelomonas oblonga</i> var. <i>umbilicophora</i> Deflandre, 1926 * euglenoid	10	ES	P
• <i>Trachelomonas planctonica</i> Swirenko, 1914 * euglenoid	10	ES	P
• <i>Trachelomonas scabra</i> Playfair, 1915 * euglenoid	10	ES	P
• <i>Trachelomonas spiralis</i> Skvortzov, 1925 * euglenoid	6	ES	B,F
• <i>Trachelomonas superba</i> (Swirenko) Deflandre, 1925 * euglenoid	2,3,10	ES	B,F
• <i>Trachelomonas varians</i> (Lemmermann) Deflandre, 1924 * euglenoid	2,10	ES	B,F
• <i>Trachelomonas volvocina</i> Ehrenberg, 1833 * euglenoid	2,3,6,9,10	ES	B,F
• <i>Trachelomonas volvocina</i> var. <i>minuta</i> Fritsch, 1919 [<i>T. volvocina</i> var. <i>minor</i> , orthographic error?] * euglenoid	6	ES	B,F
• <i>Trachelomonas</i> spp. Ehrenberg, 1833 * euglenoids	2,3,5,6,9,10	ES	B,F
Family Astaciaceae			
• <i>Astasia klebsii</i> Lemmermann, 1910 * euglenoid	6	ES	B
• <i>Astasia</i> spp. Dujardin, 1841 * euglenoids	2,3,10	ES	B,F
• <i>Scytomonas</i> sp. Stein, 1878 * euglenoid	6	ES	B
• <i>Urceolus ovatus</i> Roskin, 1931 * euglenoid	6	ES	B
• <i>Urceolus sabulosus</i> Stokes, 1886 * euglenoid	6	ES	B

ORDER RHABDOMONADALES

Family Rhabdomonaceae

	SOURCE	LOCATION	HABITAT
• <i>Menoidium gibbum</i> Skuja, 1939 * euglenoid	6	ES	B
• <i>Rhabdomonas</i> sp. Fresenius, 1858 * euglenoid	6	ES	B

DIVISION CHLOROPHYTA (green algae)

CLASS CHLOROPHYCEAE

ORDER VOLVOCALES

Family Chlamydomonadaceae

• <i>Carteria bourrellyi</i> Ettl, 1979 * green alga	10	ES	P
• <i>Carteria globosa</i> Korschikoff, 1927 * green alga	6	ES	B
• <i>Carteria wisconsinensis</i> Huber-Pestalozzi, 1961	3,10	CK,ES	P
[= <i>C. klebsii</i> (Dangeard) Francé, 1896] * green alga	2,10	CK,ES	P
• <i>Carteria</i> sp. Diesing, 1866 * green alga	10	ES	P
• <i>Chlamydomonas globosa</i> Snow, 1902 * green alga	2,3,6,10	CK,ES	B,P
• <i>Chlamydomonas gracilis</i> Snow, 1902 * green alga	6	ES	B
• <i>Chlamydomonas monadina</i> Stein, 1878 * green alga	6	ES	B
• <i>Chlamydomonas reinhardtii</i> Dangeard, 1888 * green alga	6	ES	B
• <i>Chlamydomonas subasymmetrica</i> Pascher, 1927 * green alga	6	ES	B
• <i>Chlamydomonas</i> spp. Ehrenberg, 1833 * green algae	2,6,9,10	CK,ES,LE	B,P
• <i>Chlamydonephris excavata</i> (Conrad) Ettl, 1959			
[= <i>Chlamydomonas excavata</i> Conrad, 1931] * green alga	6	ES	B
• <i>Chlorogonium elongatum</i> (Dangeard), Dangeard, 1899 * green alga	6	ES	B
• <i>Chlorogonium euchlorum</i> Ehrenberg, 1833 * green alga	6	ES	B
• <i>Chlorogonium hyalinum</i> * green alga	6	ES	B
• <i>Haematococcus pluvialis</i> Flotow, 1844	3	ES	Z
[= <i>Haematococcus lacustris</i> (Girod) Rostafinski, 1871] * green alga	10	ES	Z
• <i>Sphaerellopsis</i> spp. Korschikoff, 1925 * green algae	2,3,10	ES	P

Family Phacotaceae

• <i>Pedinopera</i> sp. Pascher, 1925 * green alga	3,10	ES	P
• <i>Phacotus lenticularis</i> (Ehrenberg) Stein, 1878 * green alga	6	ES	B
• <i>Phacotus</i> sp. Perty, 1852 * green alga	2,3,10	ES	P
• <i>Pteromonas angulosa</i> (Carter) Lemmermann, 1900 * green alga	2,3,10	ES	P
• <i>Pteromonas</i> sp. Seligo, 1887 * green alga	6,10	ES	B,P

Family Volvocaceae

• <i>Eudorina elegans</i> Ehrenberg, 1831 * green alga	3,10	LE	P
• <i>Pandorinamorum</i> (Müller) Bory, 1924 * green alga	6	ES	B
• <i>Pandorina</i> sp. Bory, 1824 * green alga	2,3,6,10	ES	B,P
• <i>Volvox</i> sp. (Linnaeus) Ehrenberg, 1830 * green alga	4	ES	P

ORDER TETRASPORALES

Family Palmellaceae

• <i>Chlamydocapsa ampla</i> (Kützing) Fott, 1972			
[= <i>Gloeocystis gigas</i> (Kützing) Lagerheim, 1883] * green alga	2,3,10	CK,ES	P,R
• <i>Chlamydocapsa planctonica</i> (West & West) Fott, 1972			
[= <i>Gloeocystis planctonica</i> (West & West) Lemmermann, 1915] * green alga	3,10	ES	P
• <i>Chlamydocapsa</i> sp. Fott, 1972			
[= <i>Gloeocystis</i> sp. Nägeli, 1849] * green alga	10	ES	P
• <i>Gloeocystis vesiculosa</i> Nägeli, 1849 * green alga	2,3,10	CK,ES	P,R
• <i>Pseudosphaerocystis lacustris</i> (Lemmermann) Nováková, 1965	10	ES	P
[= <i>Sphaerocystis schroeteri</i> Chodat, 1897] * green alga	2,3,10	CK,ES	P

ORDER CHLOROCOCCALES

Family Chlorococcaceae

• <i>Ankyra judayi</i> (Smith) Fott, 1957	10	ES	P
[= <i>Schroederia judayi</i> Smith, 1916] * green alga	10	ES	P
• <i>Characium curvatum</i> Smith, 1918 * green alga	2,3	ES	P
• <i>Characium</i> sp. Braun, 1849 * green alga	2,10	ES	P

Family Chlorococcaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Chlorococcum</i> sp. Meneghini, 1842 * green alga	4	ES	⊃
• <i>Korshikoviella limnetica</i> (Lemmermann) Silva, 1959	10	ES	⊃
[= <i>Characium limnetica</i> Lemmermann, 1903] * green alga	10	ES	⊃
• <i>Schroederia indica</i> Philipose, 1967 * green alga	10	LE	⊃
• <i>Schroederia robusta</i> Korschik, 1953 * green alga	10	ES	⊃
• <i>Schroederia setigera</i> (Schroder) Lemmermann, 1898 * green alga	2,3,9,10	ES	⊃
• <i>Schroederia spiralis</i> (Printz) Korsikov, 1953 * green alga	10	ES	⊃
• <i>Tetraedron caudatum</i> (Corda) Hansgirg, 1888 * green alga	2,3,10	ES	⊃
• <i>Tetraedron incus</i> (Teiling) Smith, 1926 * green alga	3,10	ES	P
• <i>Tetraedron minimum</i> (Braun) Hansgirg, 1888 * green alga	2,3,10	CK,ES	P
• <i>Tetraedron muticum</i> (Braun) Hansgirg, 1888 * green alga	10	ES	P
• <i>Tetraedron regulare</i> Kützing, 1845 * green alga	2,3,10	ES	P
• <i>Tetraedron trigonum</i> var. <i>gracile</i> (Reinsch) DeToni, 1889 * green alga	2,3,10	ES	P

Family Micractiniaceae

• <i>Golenkinia radiata</i> Chodat, 1894 * green alga	2,3	ES	P
• <i>Golenkiniopsis</i> sp. Korsikov, 1953 * green alga	3	ES	P
• <i>Micractinium pusillum</i> Fresenius, 1858 * green alga	2,3	ES	P

Family Hydrodictyaceae

• <i>Pediastrum boryanum</i> (Turpin) Meneghini, 1840 * green alga	2,3,10	ES	P
• <i>Pediastrum duplex</i> Meyen, 1829 * green alga	2,9	ES	P
• <i>Pediastrum duplex</i> var. <i>duplex</i> Kützing, 1845	3,10	ES	P
[= <i>P. duplex</i> var. <i>clathratum</i> (Braun) Lagerheim, 1882] * green alga	2,3	ES	P
• <i>Pediastrum duplex</i> var. <i>reticulatum</i> Lagerheim, 1882 * green alga	2,3,5	ES	C,P
• <i>Pediastrum simplex</i> Meyen, 1829	2	ES	P
[= <i>P. simplex</i> var. <i>simplex</i> Meyen, 1829] * green alga	3	ES	P
• <i>Pediastrum simplex</i> var. <i>biwaense</i> Fukushima, 1956	3	ES	P
[= <i>P. simplex</i> var. <i>duodenarium</i> (Bailey) Rabenhorst, 1868] * green alga	2	ES	P
• <i>Pediastrum simplex</i> var. <i>echinulatum</i> Wittrock, 1883 * green alga	10	ES	P
• <i>Pediastrum simplex</i> var. <i>sturmii</i> (Reinsch) Wolle, 1887 * green alga	3	ES	P
• <i>Pediastrum tetras</i> (Ehrenberg) Ralfs, 1844 * green alga	2,3,10	ES	P
• <i>Pediastrum tetras</i> var. <i>tetraodon</i> (Corda) Rabenhorst, 1868	2,10	ES	P
[<i>P. tetras</i> var. <i>tetroadon</i> , orthographic error] * green alga	3	ES	P
• <i>Pediastrum</i> sp. Meyen, 1829 * green alga	4	ES	P

Family Oocystaceae

• <i>Ankistrodesmus falcatus</i> (Corda) Ralfs, 1848			
[<i>A. faleatus</i> , orthographic error] * green alga	2	ES	P
• <i>Ankistrodesmus stipitatus</i> (Corda) Komarkova-Legnerova, 1969 * green alga	3	ES	P
• <i>Closteriopsis acicularis</i> (Smith) Belcher & Swale, 1962 * green alga	10	ES	P
• <i>Franceia droescheri</i> (Lemmermann) Smith, 1933 * green alga	2,3,10	ES	P
• <i>Kirchneriella contorta</i> var. <i>contorta</i> (Schmidle) Bohlin, 1897 * green alga	10	ES	P
• <i>Kirchneriella contorta</i> var. <i>elegans</i> (Playfair) Komárek, 1979 * green alga	10	ES	P
• <i>Kirchneriella lunaris</i> (Kirchner) Moebius, 1894 * green alga	2,3	ES	P
• <i>Kirchneriella</i> sp. Schmidle, 1893 * green alga	2,10	ES	P
• <i>Lagerheimia balatonica</i> (Scherffel) Hindak, 1978 * green alga	3,9,10	ES	P
• <i>Lagerheimia ciliata</i> (Lagerheim) Chodat, 1895 * green alga	2	ES	P
• <i>Lagerheimia citrififormis</i> (Snow) Collins, 1909 * green alga	3	ES	P
• <i>Lagerheimia genevensis</i> (Chodat) Chodat, 1895	3,9	ES	P
[= <i>L. genevensis</i> var. <i>subglobosa</i> (Lemmermann) Chodat, 1902]	2,3,10	ES	P
[= <i>L. quadriseta</i> (Lemmermann) Smith, 1926] * green alga	2	ES	P
• <i>Lagerheimia marssonii</i> Lemmermann, 1900 * green alga	10	ES	P
• <i>Lagerheimia subsalsa</i> Lemmermann, 1898 * green alga	10	ES	P
• <i>Lagerheimia wratislawiensis</i> Schroeder, 1897 * green alga	3,9	ES	P
• <i>Monoraphidium arcuatum</i> (Korsikov) Hindak, 1970 * green alga	3,10	ES,LE	P
• <i>Monoraphidium circinale</i> (Nygaard) Nygaard, 1979 * green alga	10	ES	P
• <i>Monoraphidium contortum</i> (Thuret) Komarkova-Legnerova, 1969 * green alga	10	ES	P
• <i>Monoraphidium convolutum</i>			
var. <i>convolutum</i> (Corda) Komarkova-Legnerova, 1969			
[= <i>Ankistrodesmus convolutus</i> Corda, 1838] * green alga	2	ES	P

Family Oocystaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Monoraphidium griffithii</i> (Berkeley) Komarkova-Legnerova, 1969 * green alga	10	ES	P
• <i>Monoraphidium komarkovae</i> Nygaard, 1979 * green alga	10	ES	P
• <i>Monoraphidium mirabile</i> (West & West) Pankow, 1976	3,10	ES	P
[= <i>Ankistrodesmus falcatus</i> var. <i>mirabilis</i> (West & West) West, 1904]	2	ES	P
* green alga			
• <i>Monoraphidium</i> sp. Komarkova-Legnerova, 1969 * green alga	10	ES	P
• <i>Nephrochlamys subsolitaria</i> (West) Korsikov, 1953	3,9,10	ES	P
[= <i>Kirchneriella subsolitaria</i> West, 1908] * green alga	10	ES	P
• <i>Nephrochlamys</i> spp. Korsikov, 1953 * green algae	10	ES	P
• <i>Oocystis lacustris</i> Chodat, 1897 * green alga	2,3,10	ES,LE	P
• <i>Oocystis novae-semlicae</i> Wille, 1879 * green alga	10	ES	P
• <i>Oocystis parva</i> West & West, 1898 * green alga	2,3,10	ES	P
• <i>Oocystis pusilla</i> Hansgirg, 1890 * green alga	3,10	ES	P
• <i>Oocystis</i> sp. Braun, 1855 * green alga	4,10	ES	P
• <i>Quadrigula closteroides</i> (Bohlin) Printz, 1915	10	ES	P
[<i>Q. closteroides</i> , orthographic error] * green alga	2,3	ES	P
• <i>Quadrigula lacustris</i> (Chodat) Smith, 1920 * green alga	2,3,10	ES	P
• <i>Selenastrum capricornutum</i> Printz, 1914	10	ES	P
[<i>S. capricornutum</i> , orthographic error] * green alga	3	ES	P
• <i>Selenastrum</i> sp. * green alga	2	ES	P
• <i>Treubaria quadrispina</i> (Smith) Fott & Kovacik, 1975 * green alga	10	ES	P
• <i>Treubaria schmidlei</i> (Schroder) Fott & Kovacik, 1975 * green alga	10	ES	P
• <i>Treubaria triappendiculata</i> Bernard, 1908 * green alga	10	ES	P
Family Dictyosphaeriaceae			
• <i>Dictyosphaerium puchellum</i> Wood, 1872 * green alga	2,3	ES	P
Family Scenedesmaceae			
• <i>Actinastrum hantzschii</i> Lagerheim, 1882 * green alga	2,3	ES	P
• <i>Coelastrum astroidenum</i> DeNotaris, 1867 * green alga	10	ES	P
• <i>Coelastrum cambricum</i> Archer, 1868 * green alga	3	ES	P
• <i>Coelastrum microporum</i> Nägeli, 1855 * green alga	3	ES	P
• <i>Coelastrum pseudomicroporum</i> Korsikov, 1953 * green alga	3	ES	P
• <i>Coelastrum</i> sp. Nägeli, 1849 * green alga	4	ES	P
• <i>Crucigenia fenestrata</i> (Schmidle) Schmidle, 1900 * green alga	2,3,10	ES	P
• <i>Crucigenia mucronata</i> (Smith) Komárek, 1974 * green alga	3,10	ES	P
• <i>Crucigenia quadrata</i> Morren, 1830 * green alga	2,3,10	ES	P
• <i>Crucigenia tetrapedia</i> (Kirchner) West & West, 1902 * green alga	2,3,10	ES	P
• <i>Crucigeniella apiculata</i> (Lemmermann) Komárek, 1974 * green alga	10	ES	P
• <i>Crucigeniella rectangularis</i> (Nägeli) Komárek, 1974	3	ES	P
[= <i>Crucigenia rectangularis</i> (Nägeli) Gay, 1891] * green alga	2,10	ES	P
• <i>Didymocystis inconspicua</i> Korsikov, 1953 * green alga	10	ES	P
• <i>Didymocystis planctonicus</i> Korsikov, 1953 * green alga	3,9,10	ES	P
• <i>Didymocystis</i> sp. Korsikov, 1953 * green alga	10	ES	P
• <i>Didymogenes palatina</i> Schmidle, 1905 * green alga	10	ES	P
• <i>Neodesmus danubialis</i> Hindak, 1976 * green alga	3,10	ES	P
• <i>Scenedesmus acuminatus</i> (Lagerheim) Chodat, 1902 * green alga	2,3,9,10	ES	P
• <i>Scenedesmus acuminatus</i> var. <i>minor</i> Smith, 1916 * green alga	2,3,10	ES	P
• <i>Scenedesmus armatus</i> Chodat, 1913 * green alga	2	ES	P
• <i>Scenedesmus bicaudatus</i> Dedusenke, 1925 * green alga	10	ES	P
• <i>Scenedesmus bijuga</i> (Turpin) Lagerheim, 1893 * green alga	2	ES	P
• <i>Scenedesmus bijuga</i> var. <i>alternans</i> (Reinsch) Hansgirg, 1888 * green alga	2,3,10	ES	P
• <i>Scenedesmus brevispina</i> (Smith) Chodat, 1926	3	ES	P
[= <i>S. longus</i> var. <i>brevispina</i> Smith, 1916] * green alga	2	ES	P
• <i>Scenedesmus denticulatus</i> Lagerheim, 1882 * green alga	2,9,10	ES	P
• <i>Scenedesmus dimorphus</i> (Turpin) Kützing, 1833 * green alga	2,3,9,10	CK,ES	P
• <i>Scenedesmus hystrix</i> Lagerheim, 1883	3	ES	P
[<i>S. lystrix</i> , orthographic error] * green alga	2	ES	P
• <i>Scenedesmus longispina</i> Chodat, 1916 * green alga	3	ES	P

	SOURCE	LOCATION	HABITAT
Family Scenedesmaceae (continued)			
• <i>Scenedesmus opoliensis</i> Richter, 1896 * green alga	2,3,10	CK,ES	P
• <i>Scenedesmus quadricauda</i> (Turpin) Brébisson, 1835 * green alga	2,3,10	ES	P
• <i>Scenedesmus quadricauda</i> var. <i>longispina</i> (Chodat) Smith, 1916 * green alga	2,5	ES	C,P
• <i>Scenedesmus sempervirens</i> Chodat, 1913 * green alga	10	ES	P
• <i>Scenedesmus serratus</i> (Corda) Bohlin, 1902 * green alga	2,3	ES	P
• <i>Scenedesmus smithii</i> Teil, 1942 * green alga	3,10	ES	P
• <i>Scenedesmus soo?</i> ? Hortobagyi, 1954 * green alga	3,10	ES	P
• <i>Scenedesmus subspicatus</i> Chodat, 1926	3	ES	P
[= <i>S. abundans</i> (Kirchner) Chodat, 1913]	2,10	ES	P
[= <i>S. abundans</i> var. <i>longicauda</i> Smith, 1916] * green alga	3,10	ES	P
• <i>Scenedesmus verrucosus</i> Roll, 1925	10	ES	P
[= <i>S. bijugatus</i> var. <i>granulatus</i> Schmidle, 1903] * green alga	10	ES	P
• <i>Scenedesmus</i> spp. Meyen, 1829 * green algae	9,10	CK,ES	P
• <i>Tetrastrum elegans</i> Playfair, 1917 * green alga	10	ES	P
• <i>Tetrastrum glabrum</i> (Roll) Ahlstrom & Tiffany, 1934 * green alga	2,3,10	CK,ES	P
• <i>Tetrastrum heteracanthum</i> (Nordstedt) Chodat, 1895 * green alga	3	ES	P
• <i>Tetrastrum heteracanthum</i> (<i>elegans</i> f.) (Nordstedt) Chodat, 1895 * green alga	2,10	ES	P
• <i>Tetrastrum punctatum</i> (Schmidle) Ahlstrom & Tiffany, 1934 * green alga	2,3,10	ES	P
• <i>Tetrastrum staurogeniaeforme</i> (Schroeder) Lemmermann, 1900 * green alga	2,3,10	ES	P
• <i>Willea irregularis</i> (Wille) Schmidle, 1900			
[= <i>Crucigenia irregularis</i> Wille, 1898] * green alga	10	ES	P
ORDER OEDOGONIALES			
Family Oedogoniaceae			
• <i>Oedogonium</i> sp. Link, 1820 * green alga	2,3	ES	V
ORDER CHAETOPHORALES			
Family Chaetophoraceae			
• <i>Desmococcus olivaceus</i> (Persoon) Laundon, 1985	10	CK	V
[= <i>Protococcus viridis</i> Agardh, 1824] * green alga	2,10	CK	V
• <i>Draparnaldia glomerata</i> (Vaucher) Agardh, 1812 * green alga	10,28	CK,ES	R
• <i>Stigeoclonium farctum</i> Berthold, 1878 * green alga	10	ES	V
• <i>Stigeoclonium tenue</i> (Agardh) Kützing, 1843 * green alga	10	ES	V
• <i>Stigeoclonium</i> sp. Kützing, 1843 * green alga	2,3	ES	V
ORDER ULOTRICHALES			
Family Ulotrichaceae			
• <i>Radiofilum conjunctivum</i> Schmidle, 1894 * green alga	10	CK	B
• <i>Ulothrix tenerrima</i> Kützing, 1843 * green alga	2,3,10	CK	R
• <i>Ulothrix tenuissima</i> Kützing, 1833 * green alga	10	CK	R
• <i>Ulothrix</i> sp. Kützing, 1833 * green alga	3,10	ES	V
Family Microsporaceae			
• <i>Microspora stagnorum</i> (Kützing) Lagerheim, 1887 * green alga	2,3,10	ES	V
• <i>Microspora</i> sp. Thuret, 1850 * green alga	4	ES	P
ORDER CLADOPHORALES			
Family Cladophoraceae			
• <i>Cladophora glomerata</i> (Linnaeus) Kützing, 1845 * green alga	2,3,4,10	ES,LE	B,P,R
• <i>Rhizoclonium hieroglyphicum</i> (Agardh) Kützing, 1845 * green alga	10	CK	R
ORDER ZYGNEMATALES			
Family Zygnemataceae			
• <i>Mougeotia</i> sp. (Agardh) Wittrock, 1872 * green alga	2	ES	V
• <i>Spirogyra</i> sp. Link, 1820 * green alga	2,3,4,28	CK,ES	P,R,V
Family Desmidiaceae			
• <i>Closterium aciculare</i> var. <i>aciculare</i> West, 1860	3	ES	P
[= <i>C. aciculare</i> West, 1860] * green alga, desmid	2	ES	P

Family Desmidiaceae (continued)

	SOURCE	LOCATION	HABITAT
• <i>Closterium acutum</i> var. <i>acutum</i> (Lyngbye) Brébisson, 1848 * green alga, desmid	3,10	ES	P
• <i>Closterium acutum</i> var. <i>variabile</i> (Lemmermann) Krieger, 1937 [<i>C. acutum</i> var. <i>variable</i> , orthographic error] * green alga, desmid	10 3	ES ES	P P
• <i>Closterium gracile</i> var. <i>gracile</i> Brébisson, 1839 * green alga, desmid	3,10	ES	P
• <i>Closterium intermedium</i> Ralfs * green alga, desmid	28	CK	R
• <i>Closterium limneticum</i> var. <i>limneticum</i> Lemmermann, 1899 * green alga, desmid	3,10	ES	P
• <i>Closterium macilentum</i> var. <i>macilentum</i> Brébisson, 1856 * green alga, desmid	3	ES	P
• <i>Closterium moniliferum</i> var. <i>moniliferum</i> (Bory) Ehrenberg, 1838 * green alga, desmid	3,10	ES	P
• <i>Closterium</i> spp. Nitzsch, 1817 * green algae, desmids	4,5	ES	C,P
• <i>Cosmarium formosulum</i> Hoff, 1888 * green alga, desmid	10	ES	P
• <i>Cosmarium granatum</i> Brébisson, 1848 * green alga, desmid	2	ES	P
• <i>Cosmarium granatum</i> var. <i>granatum</i> Brébisson, 1848 * green alga, desmid	3	ES	P
• <i>Cosmarium granulatum?</i> West, 1889 * green alga, desmid	5	ES	C
• <i>Cosmarium</i> spp. Corda, 1835 * green algae, desmids	2,5,9,10	ES	C,P
• <i>Staurastrum gracile</i> Ralfs, 1848	2	ES	P
[= <i>S. gracile</i> var. <i>gracile</i> Ralfs, 1848] * green alga, desmid	3	ES	P

KINGDOM FUNGI

DIVISION MYXOMYCOTA (mucus molds)

CLASS MYXOMYCETES (true slime molds)

ORDER PHYSARALES (physar slimes)

Family Physaraceae

• <i>Badhamia affinis</i> Rostafinski [= <i>Badhamia orbiculata</i> Rex] * slime mold	14,15	RE	V
• <i>Craterium minimum</i> Berkeley & Curtis * slime mold	15	RE	V
• <i>Fuligo cinerea</i> (Schweinitz) Morgan * slime mold	14	RE	V
• <i>Fuligo violacea</i> Persoon * slime mold	15	RE	V
• <i>Physarella oblonga</i> (Berkeley & Curtis) Morgan * slime mold	14,15	RE	V
• <i>Physarum nutans</i> Persoon * slime mold	14	RE	V
• <i>Physarum vernum</i> Sommier * slime mold	14	RE	V
• <i>Physarum viride</i> (Bulliard) Persoon * slime mold	14	RE	V
• <i>Physarum viride</i> var. <i>incanum</i> Lister * slime mold	14	RE	V
• <i>Tilmadoche alba</i> (Bulliard) Macbride * slime mold	14,15	RE	V

Family Didymiaceae

• <i>Diderma crustaceum</i> Peck * slime mold	14,15	RE	V
• <i>Diderma hemisphericum</i> (Bulliard) Hornemann * slime mold	14	RE	V
• <i>Diderma reticulatum</i> (Rostafinski) Morgan * slime mold	15	RE	V
• <i>Didymium crustaceum</i> Fries * slime mold	14,15	RE	V
• <i>Didymium iridis</i> (Ditmar) Fries [= <i>D. xanthopus</i> (Ditmar) Fries] * slime mold	14	RE	V
• <i>Didymium melanospermum</i> (Persoon) Macbride * slime mold	15	RE	V
• <i>Didymium squamulosum</i> (Albertini & Schweinitz) Fries * slime mold	14,15	RE	V
• <i>Mucilago spongiosa</i> (vonLeysser) Morgan * slime mold	14,15	RE	V

ORDER LICEALES (lice slimes)

Family Reticulariaceae

• <i>Lycogala epidendrum</i> (Buxbaum) Fries * wolf's-milk slime	14,15	RE	S,V
• <i>Lycogala flavo-fuscum</i> (Ehrenberg) Rostafinski * slime mold	14,15	RE	V
• <i>Reticularia splendens</i> Morgan [= <i>Enteridium rozeanum</i> Wingate] * slime mold	14	RE	V
• <i>Tubifera ferruginosa</i> (Batsch) Macbride * red raspberry slime	14,15	RE	V
• <i>Tubifera microsperma</i> (Berkeley & Curtis) Martin [= <i>T. stipitata</i> Berkeley & Ravenel] * slime mold	14	RE	V

Family Cribrariaceae

• <i>Cribraria intricata</i> Schrader [= <i>C. dictydioides</i> Cooke & Balfour] * slime mold	14	RE	V
• <i>Dictydium cancellatum</i> (Batsch) Macbride * Japanese-lantern slime	14,15	RE	V
• <i>Lindbladia tubulina</i> Fries [= <i>L. effusa</i> (Ehrenberg) Rostafinski] * slime mold	14,15	RE	V

ORDER TRICHIALES (trichi slimes)

Family Trichiaceae

- *Acryodes incarnata* (Albertini & Schweinitz) [=*Lachnobolus congestus* (Sommier) Lister] * slime mold
- *Arcyria cinerea* (Bulliard) Persoon * slime mold
- *Arcyria denudata* (Linnaeus) Sheldon * carnival candy slime
- *Arcyria incarnata* Persoon * slime mold
- *Arcyria nutans* (Bulliard) Greville * slime mold
- *Calonema aureum* Morgan * slime mold
- *Hemitrichia clavata* (Persoon) Rostafinski * yellow-fuzz cone slime
- *Hemitrichia intorta* Lister * slime mold
- *Hemitrichia stipitata* Massalongo * slime mold
- *Hemitrichia vesparium* (Batsch) Macbride * slime mold
- *Lachnobolus globosus* (Schweinitz) Rostafinski * slime mold
- *Ophiotheca wrightii* Berkeley & Curtis * slime mold
- *Perichæna quadrata* Macbride * slime mold
- *Trichia inconspicua* Rostafinski * slime mold

SOURCE	LOCATION	HABITAT
14	RE	V
14,15	RE	V
14,15	RE	V
15	RE	V
14,15	RE	V
14	RE	V
14,15	RE	V
14,15	RE	V
15	RE	V
15	RE	V
14,15	RE	V
14,15	RE	V
15	RE	V
14,15	RE	V
14	RE	V
14	RE	V
14,15	RE	V
14,15	RE	V

ORDER STEMONITALES (stemonit slimes)

Family Stemonitaceae

- *Comatichia laxa* Rostafinski * slime mold
- *Comatichia pulchella* (Babington) Rostafinski * slime mold
- *Comatricha stemonitis* (Scopoli) Sheldon * slime mold
- *Diachea leucopodia* (Bulliard) Rostafinski * white-footed slime
- *Lamproderma arcyriomena* Rostafinski * slime mold
- *Stemonitis fenestrata* Rex * slime mold
- *Stemonitis fusca* Roth * slime mold
- *Stemonitis herbatica* Peck * slime mold
- *Stemonitis maxima* Schweinitz * slime mold
- *Stemonitis smithii* Macbride * slime mold

DIVISION PHYCOMYCOTA (algal fungi and water molds)

CLASS CHYTRIDIOMYCETES (chytrids or cooking pot fungi)

ORDER CHYTRIDIALES

Family Olpidiaceae

- *Rozella allomycis* Foust * water mold

Family Synchytriaceae

- *Synchytrium decipiens* Farley, 1885 * water mold

Family Phlyctidiaceae

- *Entophlyctis aurea* Haskins * water mold

16	LE,RE	V
15,16	LE,RE	V
16	LE,RE	V
16	LE,RE	F,V
16	LE,RE	F,V
16	LE,RE	F,V
16	LE,RE	F,V
16	LE,RE	F,Z
16	LE,RE	F,V

ORDER BLASTOCLADIALES

Family Blastocladiaceae

- *Allomyces arbuscula* Butler, 1911 (amend 1933) * water mold
- *Blastocladia globosa* Kanouse, 1927 * water mold
- *Blastocladia pringsheimii* Reinsch, 1877 * water mold
- *Blastocladia ramosa* Thaxter, 1896 * water mold
- *Blastocladia simplex* Matthews, 1937 * water mold
- *Blastocladia tenuis* Kanouse, 1927 * water mold

ORDER MONOBLEPHARIDALES

Family Gonapodyaceae

- *Gonapodya prolifera* (Cornu) Fischer, 1892 * water mold

Family Monoblepharidaceae

- *Monoblepharis* sp. Cornu, 1872 * water mold

16	LE,RE	F
16	LE,RE	F

CLASS OOMYCETES (egg fungi)

ORDER SAPROLEGNIACEAE

Family Saprolegniaceae

	SOURCE	LOCATION	HABITAT
• <i>Achlya americana</i> Humphrey, 1893 * water mold	16	LE,RE	P,S,V
• <i>Achlya bisexualis</i> Coker & Couch, 1927 * water mold	16	LE,RE	P
• <i>Achlya debaryana</i> Humphrey, 1893 * water mold	16	LE,RE	P
• <i>Achlya dubia</i> Coker, 1923 * water mold	16	LE,RE	P
• <i>Achlya flagellata</i> Coker, 1923 * water mold	16	LE,RE	P,S
• <i>Achlya klebsiana</i> Pieters, 1915 * water mold	16	LE,RE	P
• <i>Achlya polyandra</i> Hildebrand, 1867 * water mold	16	LE,RE	P,S
• <i>Achlya prolifera</i> (Nees vonEsenbeck) DeBary, 1852 * water mold	16	LE,RE	P
• <i>Achlya proliferoides</i> Coker, 1923 * water mold	16	LE,RE	P
• <i>Achlya rodrigueziana</i> Wolf, 1941 * water mold	16	LE,RE	P
• <i>Achlya</i> sp. Nees vonEsenbeck * water mold	16	LE,RE	P
• <i>Aphanomyces euteiches</i> Drechsler, 1925 * water mold	16	LE,RE	P,S,V
• <i>Aphanomyces laevis</i> DeBary, 1860 * water mold	16	LE,RE	P,S,V
• <i>Aphanomyces scaber</i> DeBary, 1860 * water mold	16	LE,RE	P,S
• <i>Aphanomyces</i> sp. DeBary * water mold	16	LE,RE	P
• <i>Dictyuchus anomalus</i> Nagai * water mold	16	LE,RE	P
• <i>Dictyuchus missouriensis</i> Couch, 1931 * water mold	16	LE,RE	P,S
• <i>Dictyuchus monosporus</i> Leitgeb, 1869 * water mold	16	LE,RE	P,S
• <i>Dictyuchus pseudodictyon</i> Coker & Braxton, 1931 * water mold	16	LE,RE	P,S
• <i>Dictyuchus</i> sp. Leitgeb, 1868 * water mold	16	LE,RE	P
• <i>Geolegnia inflata</i> Coker & Harvey, 1925 * water mold	16	LE,RE	P,S
• <i>Isoachlya</i> sp.? Kauffman, 1921 * water mold	16	LE,RE	P
• <i>Leptolegnia subterranea</i> Coker & Harvey, 1925 * water mold	16	LE,RE	P,S
• <i>Protoachlya paradoxa</i> (Coker) Coker, 1923 * water mold	16	LE,RE	P,S
• <i>Saprolegnia diclina</i> Humphrey, 1893 * water mold	16	LE,RE	P
• <i>Saprolegnia ferax</i> (Gruithuysen) Thuret, 1850 * water mold	16	LE,RE	P
• <i>Saprolegnia monoica</i> Pringsheim, 1858 * water mold	16	LE,RE	P
• <i>Saprolegnia parasitica</i> Coker, 1923 * water mold	16	LE,RE	P,Z
• <i>Saprolegnia</i> sp. Nees vonEsenbeck, 1823 * water mold	16	LE,RE	P

ORDER LEPTOMITALES

Family Leptomitaceae

• <i>Apodachlya brachynema</i> (Hildebrand) Pringsheim, 1883 * water mold	16	LE,RE	P,V,Z
---	----	-------	-------

ORDER LAGENIDALES

Family Olpidiopsidaceae

• <i>Olpidiopsis saprolegniae</i> (Braun) Cornu * water mold	16	LE,RE	P
• <i>Olpidiopsis varians</i> Shanor, 1939 * water mold	16	LE,RE	P

ORDER PERONOSPORALES (downy mildews)

Family Pythiaceae

• <i>Phytophthora cactorum</i> (Lebert & Cohn) Schröt * crown rot	28	CK	V
• <i>Phytophthora undulatum</i> [?= <i>Pythium undulatum</i> Petersen] * downy mildew	16	LE,RE	S
• <i>Pythium aphanidermatum</i> (Edson) Fitzpatrick, 1923 * downy mildew	16	LE,RE	S
• <i>Pythium cystosiphon?</i> (Roze & Cornu) Lindstedti, 1872 * downy mildew	16	LE,RE	S
• <i>Pythium debaryanum</i> Hesse, 1874 * downy mildew	16	LE,RE	S
• <i>Pythium proliferum</i> Schenk, 1859 * downy mildew	16	LE,RE	S
• <i>Pythium pulchrum</i> vonMinden, 1916 * downy mildew	16	LE,RE	S
• <i>Pythium ultimum</i> Trowbridge, 1901 * downy mildew	16	LE,RE	S
• <i>Pythium</i> sp. Pringsheim * downy mildew	16	LE,RE	S

Family Peronosporaceae

• <i>Cystopus bliti</i> (DeBivona-Bernardi) Léveillé * downy mildew	15	RE	V
• <i>Cystopus candidus</i> (Persoon) Léveillé * downy mildew	15	RE	V
• <i>Plasmopara sordida</i> Berkeley * downy mildew	15	RE	V

Family Peronosporaceae (continued)	SOURCE	LOCATION	HABITAT
• <i>Plasmopara viticola</i> (Berkeley & Curtis) Berkeley & DeToni * downy mildew of grape	15,28	CK,ES,RE	V
• <i>Peronospora geranii</i> Peck * downy mildew	15	RE	V
• <i>Peronospora parasitica</i> (Peck) Tulasne * downy mildew	15	RE	V

CLASS ZYGOMYCETES (pair fungi)

ORDER ENTOMOPHTHORALES

Family Entomophthoraceae

• <i>Empusa grylli</i> (Fresenius) Nowakowski * mold	15	RE	V
--	----	----	---

ORDER MUCORALES

Family Mucoraceae

• <i>Mucor stolonifer</i> Ehrenberg * mold	15	RE	V
• <i>Rhizopus</i> sp. Ehrenberg * bread mold	28	CK	V

DIVISION ASCOMYCOTA (ascomycetes or bladder fungi)

CLASS HEMIASCOMYCETES (yeasts)

ORDER PROTOMYCETALES

Family Protomycetaceae

• <i>Taphrina communis</i> (Sadebeck) Giesenh * plum pockets	28	CK	V
• <i>Taphrina deformans</i> (Berkeley) Tulasne * peach leaf curl	28	CK	V

CLASS LOCULOASCOMYCETES (rots & scabs)

ORDER MYRIANGIALES

Family Elsinoëaceae

• <i>Elsinoë corni</i> Jenkins & Bitancourt * dogwood anthracnose	28	CK	V
---	----	----	---

ORDER DOTHIDEALES

Family Dothioraceae

• <i>Botryosphaeria dothidea</i> (Moug.) Ces. & DeNotaris * white apple rot	28	CK	V
• <i>Botryosphaeria obtusa</i> (Schweinitz) Shoemaker * black apple rot	28	CK	V

Family Dothideaceae

• <i>Mycosphaerella fragariae</i> (Tulasne) Lindau * strawberry leaf spot	28	CK	V
• <i>Plowrightia morbosa</i> (Schweinitz) Saccardo * rot	15	RE	V
• dothidean spp. * pear sooty molds	28	CK	V

ORDER PLEOSPORALES

Family Venturiaceae

• <i>Apiosporina morbosa</i> (Schweinitz) Arx* black knot	28	CK	V
• <i>Venturia inaequalis</i> (Cooke) Winter * apple scab	28	CK	V
• <i>Venturia pyrina</i> Aderhold * pear scab	28	CK	V

CLASS PLECTOMYCETES (ascomolds)

ORDER EUROTIALES [=ASPERGILLALES]

Family Trichocomaceae

• <i>Aspergillus herbariorum</i> Wiggers * mold	15	RE	V
• <i>Aspergillus niger</i> VanTieghem * mold	15	RE	V
• <i>Penicillium crustaceum</i> Linnaeus * mold	15	RE	V
• <i>Penicillium</i> sp. Link * blue mold	28	CK	V

Family Ophiostomataceae

• <i>Ophiostoma ulmi</i> (Buisman) Nannfeldt [= <i>Ceratocystis ulmi</i>] * Dutch elm disease	28	CK	V
---	----	----	---

CLASS PYRENOMYCETES (flask fungi)

ORDER ERYSIPTHALES (powdery mildews)

Family Erysiphaceae

	SOURCE	LOCATION	HABITAT
• <i>Erysiphe cichoracearum</i> DeCandolle * powdery mildew	15	RE	V
• <i>Erysiphe communis</i> (Wallroth) Fries * powdery mildew	15	RE	V
• <i>Erysiphe montagnei</i> Léveillé * powdery mildew	15	RE	V
• <i>Erysiphe polygoni</i> DeCandolle * black locust powdery mildew	15	RE	V
• <i>Microsphaera alni</i> (DeCandolle) Winter * lilac powdery mildew	15,28	CK,RE	V
• <i>Microsphaera diffusa</i> Curtis & Peck * powdery mildew	15	RE	V
• <i>Microsphaera ravenellii</i> Berkeley * powdery mildew	15	RE	V
• <i>Microsphaera viburni</i> (Schweinitz) Howe * powdery mildew	28	CK	V
• <i>Phyllactinia corylea</i> (Persoon) Karsten [= <i>P. guttata</i>] * tree powdery mildew	15	RE	V
• <i>Podosphaera leucotricha</i> (Ellis & Everhart) Salmon * apple powdery mildew	28	CK	V
• <i>Podosphaera oxycanthæ</i> (DeCandolle) DeBary * powdery mildew	15	RE	V
• <i>Sphaerotheca castagnei</i> Léveillé * downy mildew	15	RE	V
• <i>Uncinula necator</i> (Schweinitz) Burrill * grape powdery mildew	28	CK	V

ORDER XYLARIALES (xylari flask fungi)

Family Xylariaceae

• <i>Daldinia cingulata</i> (Léveillé) Saccardo * zoned black fungus	15	RE	V
• <i>Hypoxylon</i> sp. Fries * wood-wart	15	RE	V
• <i>Xylaria digitata</i> (Linnaeus) Greville * finger fungus	15	RE	V
• <i>Xylaria polymorpha</i> (Persoon) Greville * dead man's fingers	15	RE	V

ORDER DIAPORTHALES (diaporth flask fungi)

Family Diaporthaceae

• <i>Apiognomonina veneta</i> (Saccardo & Spegazzini) Höhn [= <i>Gnomonia platani</i> Kleb] * sycamore anthracnose	28	CK	v
• <i>Cryphonectria parasitica</i> (Murrill) Barr [= <i>Endothia parasitica</i> (Murrill) Anderson & Anderson] * chestnut blight	28	CK	V
• <i>Diaporthe ailanthi</i> Saccardo * flask fungus	15	RE	V
• <i>Glomerella cingulata</i> (Stoneman) Spaulding & Schrenk * apple bitter rot	28	CK	V
• <i>Guignardia bidwellii</i> (Ellis) Viala & Ravaz * grape black rot	15,28	CK,RE	V

ORDER HYPOCREALES

Family Hypocreaceae

• <i>Leucostoma</i> sp. (Nitschke) Höhn [= <i>Cytospora</i> sp.] * peach canker	28	CK	V
• <i>Nectria galligena</i> Bres. * nectria canker	28	CK	V

ORDER CLAVICIPITALES (clavicipit flask fungi)

Family Clavicipitaceae

• <i>Claviceps purpurea</i> (Fries) Tulasne * ergot claviceps	15	RE	V
• <i>Cordyceps militaris</i> (Linnaeus) Link * military orange caterpillar fungus	15	RE	Z

CLASS DISCOMYCETES (disc fungi)

ORDER PHACIDIALES

Family Rhytismataceae

• <i>Rhytisma</i> sp. Fries * maple tar spot	28	CK	V
--	----	----	---

ORDER HELOTIALES (earth tongues)

Family Dermateaceae

• <i>Blumeriella jaapii</i> (Rehn) Arx [= ? <i>Coccomyces hiemalis</i>] * cherry leaf spot	28	CK	V
• <i>Pseudopeziza medicaginis</i> (Libon) Saccardo * leaf spot	15	RE	V

Family Sclerotiniaceae

• <i>Monilinia fructicola</i> (Winter) Honey * stone fruits brown rot	28	CK	V
• <i>Sclerotinia fructigena</i> (Persoon) Schroeter * rind rot	15	ES	V

ORDER PEZIZALES (cup fungi and allies)

Family Pezizaceae

- *Lachnea scutellata* Linnaeus * patella
- *Macropodia semitosta* Berkeley & Curtis [= *Paxina* s.] * paxina
- *Patella setosa* (Nees vonEsenbeck) Seaver * cup fungus

Family Aleuriaceae

- *Aleuria aurantia* (Persoon) * orange peel fungus

Family Morchellaceae (morels)

- *Morchella esculenta* Fries * common morel

SOURCE	LOCATION	HABITAT
15	RE	V
15	RE	V
28	CK	V
28	CK	S,V
28	CK	S

DIVISION BASIDIOMYCOTA (basidiomycetes or small base fungi)

CLASS TELIOMYCETES (rust and smut fungi)

ORDER UREDINALES (rust fungi)

Family Pucciniastraceae

- *Pucciniastrum agrimoniae* (DeCandolle) Dietrich * rust

Family Melampsoraceae

- *Coleosporium sonchi-arvensis* (Peck) Léveillé * rust
- *Melampsora salicis-capreae* (Peck) Winter * melampsora rust

Family Pucciniaceae

- *Aecidium cimicifugatum* Schweinitz * rust
- *Aecidium compositatum* Martius * rust
- *Aecidium fraxini* Schweinitz * rust
- *Aecidium grossulariae* DeCandolle * rust
- *Aecidium impatientis* Schweinitz * rust
- *Aecidium nesææ* Gerard * rust
- *Aecidium oenotheræ* Peck * rust
- *Aecidium pammelii* TRELEASE * rust
- *Aecidium pustulatum* Curtis * rust
- *Allodus podophylli* (Schweinitz) Arthur * May-apple rust
- *Gymnoconia peckiana* Howe * rust
- *Gymnoconia* sp. Lagerheim * orange rust
- *Gymnosporangium globosum* Farley * rust
- *Gymnosporangium juniperi-virginianae* Schweinitz * cedar-apple rust
- *Gymnosporangium nidus-avis* Thaxter [= *Aecidium nidus-avis* Thaxter] * rust
- *Kunkelia nitens* (Schweinitz) Arthur * blackberry rust
- *Negrigo caladii* (Schweinitz) Arthur * Jack in the pulp rust
- *Phragmidium obtusum* Winter * rust
- *Puccinia caricis* (Peck) Fuckel [= *P. caricina*] * current rust
- *Puccinia coronata* Corda, 1837 * buckthorn crown rust
- *Puccinia fraxinata* (Link) Arthur * rust
- *Puccinia glechomatis* DeCandolle, 1808 * rust
- *Puccinia graminis* Persoon, 1801 * grape rust
- *Puccinia helianthi* Schweinitz, 1822 * rust
- *Puccinia malvacearum* Montagne * rust
- *Puccinia menthæ* Persoon * rust
- *Puccinia osmorhizæ* * rust
- *Puccinia podophylli* Schweinitz * rust
- *Puccinia polygoni-amphibii* Persoon * rust
- *Puccinia seymeriæ* Burlingham * rust
- *Puccinia simplex* Peck * rust
- *Puccinia taraxaci* Plowright * rust
- *Puccinia xanthii* Schweinitz * rust
- *Uromyces euphorbiæ* Curtis & Peck * rust
- *Uromyces phaseoli* (Persoon) Winton * rust
- *Uromyces striatus* Schroeter * rust
- *Uromyces toxicodendri* Berkeley & Ravenel * rust
- *Uromyces trifolii* (Hedwig) Léveillé * rust

15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
28	CK	V
15	RE	V
28	CK	V
15	RE	V
28	CK	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V
15	RE	V

ORDER USTILAGINALES (smut fungi)

Family Ustilaginaceae

- *Ustilago avenae* (Persoon) Jensen * smut
- *Ustilago hordei* (Peck) Keller & Swingle * smut
- *Ustilago maydis* (DeCandolle) Corda * corn smut
- *Ustilago zeae* (Beckmann) Unger * smut

Family Tilletiaceae

- *Entyloma menispermii* Farley & Trelease * smut

SOURCE	LOCATION	HABITAT
15	RE	✓
15	RE	✓
28	CK	✓
15,28	CK,RE	✓
15	RE	✓

CLASS PHRAGMOBASIDIOMYCETES (jelly and waxy fungi)

ORDER EUTREMELLALES [=TRELLMALES] (jelly fungi)

Family Tremellaceae

- *Exidia spiculosa* (Gray) Sommier * jelly fungus
- *Tremella candida* Herbert * jelly fungus

28	CK	✓
15	RE	✓

ORDER METATREMELLALES (waxy fungi)

Family Dacrymycetaceae

- *Calocera cornea* Fries Batsch * clublike tuning fork

15	RE	✓
----	----	---

CLASS HYMENOMYCETES (exposed hymenium fungi)

ORDER AGARICALES (coral and pore fungi)

Family Corticiaceae

- *Stereum candidum* Schweinitz * sereum
- *Stereum disciforme* DeCandolle * sereum
- *Stereum fasciatum* Schweinitz * sereum
- *Stereum frustulosum* (Persoon) Fries * false turkeytail fungus
- *Stereum versicolor* (Schweinitz) Fries * sereum

15	RE	✓
15	RE	✓
15	RE	✓
28	CK	✓
15	RE	✓

Family Schizophyllaceae

- *Schizophyllum commune* Fries * spit-gilled bracket

15	RE	✓
----	----	---

Family Hydnaceae

- *Steccherinum ochraceum* (Persoon) Gray * hydnum tooth fungus

28	CK	✓
----	----	---

Family Polyporaceae

- *Atrichum undulatum* (Hedwig) Beauvois * wavy Catherinea mushroom
- *Bjerkandera adusta* (Willdenow & Fries) Karsten, 1897
[=*Polyporus adustus* (Willdenow) Fries * pore fungus
- *Daedalea confragosa* (Bolton) Fries * currycomb bracket fungus
- *Daedalea quercina* (Linnaeus) Fries * oak mazegill fungus
- *Favolus alveolaris* (DeCandolle) Quélet * pore fungus
- *Fomes applanatus* Persoon * artist's fomes
- *Fomes everhartii* (Ellis & Galloway) vonSchrenk * artist's type fungus
- *Fomes ohioensis* (Berkeley) Murray * artist's type fungus
- *Ganoderma applanatum* (Persoon) Patrick * artist's shelf fungus
- *Hydrochaete olivacea* (Schweinitz) Banker, 1914
[=*Irpex cinnamomea* Fries, 1838] * red leather fungus
- *Irpex lacteus* Fries, 1828 * white leather fungus
- *Laetiporus sulphureus* (Fries) Merrill, 1920
[=*Polyporus sulphureus* Fries, 1821] * sulfur polypore
- *Lenzites betulina* (Linnaeus) Fries * birch mazegill fungus
- *Lenzites sepiaria* (Wulfen) Fries * gill polypore
- *Oligoporus tephroleucus* (Fries) Gilbertson & Ryvarden, 1985
[=*Polyporus tephroleucus* Fries] * pore fungus
- *Phaeolus schweinitzii* (Fries) Patouillard, 1900
[=*Polyporus schweinitzii* Fries, 1821] * polypore
- *Phellinus gilvus* (Schweinitz) Patouillard, 1900
[=*Polyporus gilvus* Schweinitz] * polypore
- *Polyporus arcularius* (Batsch) Fries, 1821 * polypore
- *Polyporus carneus* Nees vonEsenbeck * polypore
- *Polyporus elegans* (Bulliard) Fries, 1838 * pore fungus

15	RE	✓
28	CK	✓
28	CK	✓
28	CK	✓
28	CK	✓
28	CK	✓
15	RE	✓
28	CK	✓
28	CK	✓
28	CK	✓
15	RE	✓
15	RE	✓
28	CK	✓
15	RE	✓
15,28	CK,RE	✓
15,28	CK,RE	✓
15	RE	✓
28	CK	✓

	SOURCE	LOCATION	HAB TAT
Family Polyporaceae (continued)			
• <i>Polyporus squamosus</i> (Hudson) Fries, 1821 * Dryad's saddle fungus	28	CK	V
• <i>Pyrenopeziza cinnabarinus</i> (vonJacquin & Fries) Karsten, 1881 [= <i>Polystictus cinnabarinus</i> (vonJacquin) Fries] * cinnabar polypore	15	RE	V
• <i>Trametes conchifer</i> (Schweinitz & Fries) Pilat, 1939 [= <i>Polyporus conchifer</i> (Schweinitz) Fries, 1828] * pore fungus	28	CK	V
• <i>Trametes versicolor</i> (Linnaeus & Fries) Pilat, 1936 [= <i>Coriolus versicolor</i> (Linnaeus) Quélet] [= <i>Polyporus versicolor</i> (Linnaeus) Fries, 1821] * turkeytail or pore fungus	28	CK	V
• <i>Polystictus hirsutus-albiporus</i> Peck * polypore	15	RE	V
• <i>Poria unita</i> (Persoon) Karsten * pore fungus	28	CK	V
Family Clavariaceae			
• <i>Clavaria flaccida</i> Fries * soft coral fungus	15	RE	S
• <i>Clavaria pyxidata</i> Persoon * edible coral fungus	15	RE	S
• <i>Clavaria</i> sp. Linnaeus * coral mushroom	28	CK	S
Family Tricholomataceae			
• <i>Clitocybe infundibuliformis-membranacea</i> Fries * funnel clitocybe	15	RE	S
• <i>Collybia delicatella</i> Peck * collybia	15	RE	S
• <i>Collybia dryophila</i> (Bulliard) Fries * oak-loving collybia or russet tough-shank	15	RE	S
• <i>Collybia myriadophylla</i> Peck * conifer collybia	15	RE	S
• <i>Collybia platyphylla</i> Fries * broad-gilled collybia	15	RE	S
• <i>Lentinus sulcatus</i> Berkeley * lentinus	15	RE	S
• <i>Marasmius albiceps</i> Peck * marasmius	15	RE	S
• <i>Marasmius candidus</i> Bolton * marasmius	15	RE	S
• <i>Marasmius nigripes</i> (Schweinitz) Fries * marasmius	15	RE	S
• <i>Marasmius oreades</i> Fries * fairy-ring mushroom	28	CK	S
• <i>Marasmius siccus</i> Schweinitz * orange pin-wheel	15	RE	S
• <i>Marasmius trullisatipes</i> Peck * marasmius	15	RE	S
• <i>Mycena capillaris</i> Schumacher * bonnet mushroom	15	RE	S
• <i>Pleurotus sapidus</i> Kalchbrenner * lavender-spored pleurotus	15,28	CK,RE	S
• <i>Tricholoma albo-flavidum</i> Peck * knight-cap	15	RE	S
Family Russulaceae			
• <i>Lactarius rimosellus</i> Peck * milk cap	15	RE	S
• <i>Lactarius subdulcis</i> (Bulliard) Fries * dull milk cap	15	RE	S
• <i>Lactarius theiogalus</i> (Bulliard) Fries * yellow -straining milk cap	15	RE	S
• <i>Russula alutacea</i> Fries * red brittle gills	15	RE	S
• <i>Russula compacta</i> Frost * compact brittle gills	15	RE	S
• <i>Russula ftens</i> (Persoon) Fries * fetid brittle gills	15	RE	S
• <i>Russula pectinata</i> (Bulliard) Fries * brittle gills	15	RE	S
• <i>Russula xerampelina</i> Fries * crab-scented brittle gills	15	RE	S
Family Amanitaceae			
• <i>Amanita phalloides</i> Fries * death cup	15	RE	S
• <i>Amanitopsis vaginata</i> Bulliard * sheathed amanitopsis	15	RE	S
• <i>Panus rudis</i> Fries * rudy panus	15	RE	V
• <i>Panus strypticus</i> (Bulliard) Fries * field type mushroom	28	CK	S
Family Rhodophyllaceae			
• <i>Entoloma</i> sp. Fries * entoloma	15	RE	S
Family Vovlariaceae			
• <i>Pluteus cervinus</i> (Schaeffer) Fries * fawn-colored pluteus	15	RE	S
Family Lepiotaceae			
• <i>Lepiota adirondackensis</i> Peck * Adirondacks lepiota	15	RE	S
• <i>Lepiota cristata</i> Albertini & Schweinitz * crested lepiota	15	RE	S
• <i>Lepiota erminea</i> Fries * ermine lepiota	15	RE	S
• <i>Lepiota illinita</i> Fries * lepiota	15	RE	S
• <i>Macrolepiota procera</i> (Scopoli) Singer * parasol mushroom [= <i>Lepiota procera</i> (Fries) Gray [= <i>Leucocoprinus p.</i> Fries]	28	CK	S
Family Agaricaceae			
• <i>Agaricus campestris</i> Fries * meadow mushroom	28	CK	S

	SOURCE	LOCATION	HABITAT
Family Agaricaceae (continued)			
• <i>Agaricus comtulus</i> Fries * agaricus	15	RE	S
• <i>Armillaria mellea</i> (Fries) Kummer * honey mushroom	28	CK	S
• <i>Clitopilus abortivus</i> Berkeley & Curtis * field type mushroom	28	CK	S
• <i>Crepidotus malachius</i> Berkeley & Curtis * spotted stumpfoot	28	CK	S
Family Gomphidiaceae			
• <i>Gomphidius</i> sp. Fries * gomphidius	15	RE	S
Family Boletaceae			
• <i>Boletus chrysenteron</i> Fries * golden-flesh or red-crack bolete	15	RE	S
• <i>Boletus piperatus</i> Bulliard * edible bolete	15	RE	S
• <i>Gyrodont merulioides</i> (Schweinitz) Singer * fleshy pore fungus or bolete	28	CK	S
• <i>Strobilomyces strobilaceus</i> (Scopoli) Berkeley * old-man-of-the-woods	15	RE	S
Family Cortinariaceae			
• <i>Galera</i> sp. Fries [=? <i>Galerina</i> sp.] * deadly galerina	15	RE	S
• <i>Inocybe</i> sp. Fries * fiber cap	15	RE	S
• <i>Pholiota unicolor</i> Fries * scalecap mushroom	28	CK	S
• <i>Psilocybe ammophila</i> Montagne * psilocybe	15	RE	S
Family Coprinaceae			
• <i>Coprinus fuscescens</i> (Schaeffer) Fries * ink-cup	15	RE	S
• <i>Coprinus micaceus</i> (Bulliard) Fries * glistening ink-cup	15	RE	S

CLASS GASTEROMYCETES (stomach fungi)

ORDER PHALLALES

Family Phallaceae

• <i>Mutinus caninus</i> Fries * dog stinkhorn	28	CK	S
--	----	----	---

ORDER LYCOPERDALES (puffballs)

Family Lycoperdaceae

• <i>Bovista pila</i> Berkeley & Curtis * common puffball	28	CK	S
• <i>Calvatia gigantea</i> Persoon * giant puffball	28	CK	S
• <i>Geaster hygrometricus</i> Persoon [= <i>Astracus h.</i>] * water measuring earthstar	15	RE	S
• <i>Lycoperdon perlatum</i> Persoon * gem puffball	28	CK	S
• <i>Lycoperdon pusillum</i> Persoon * mini puffball	15,28	CK,RE	S
• <i>Lycoperdon pyriforme</i> (Schaeffer) Persoon * pear-shaped or stump puffball	15,28	CK,RE	S
• <i>Myriostoma coliformis</i> (Dickson) Corda * pepper box	19	RE	S

ORDER TULOSTOMATALES (stalked puffballs)

Family Tulostomataceae

• <i>Tulostoma campestre</i> Morgan * field tylostoma	19	RE	S
• <i>Tulostoma fimbriatum</i> Fries * buried-stalk puffball	15	RE	S

ORDER SCLERODERMATALES

Family Sclerodermataceae

• <i>Scleroderma citrinum</i> Persoon * common earth ball	28	CK	S
---	----	----	---

ORDER NIDULARIALES (bird's-nest fungi)

Family Nidulariaceae

• <i>Cyathus striatus</i> (Hudson) Hoffmann * fluted bird's nest	15	RE	S
--	----	----	---

DIVISION DEUTEROMYCOTA (second or imperfect fungi)

CLASS HYPOMYCETES

ORDER HYPHOMYCETALES

Family Moniliaceae

• <i>Botrytis cinerea</i> Persoon * raspberry mold	28	CK	V
• <i>Cladosporium carpophilum</i> Theum. * peach scab	28	CK	V
• <i>Didymaria ungeri</i> Corda * imperfect fungus	15	RE	V
• <i>Ovularia obliqua</i> Oudemans * imperfect fungus	15	RE	V
• <i>Ramularia arvensis</i> Saccardo * imperfect fungus	15	RE	V
• <i>Ramularia celastiri</i> Ellis & Martin * imperfect fungus	15	RE	V

DIVISION MYCOPHYCOPHYTA (lichens or fungus algae)

CLASS ASCOLICHENES (ascomycote lichens)

ORDER PYRENULALES

Family Verrucariaceae

- *Verrucaria muralis* Acharius [= *V. rupestris* Schrader, 1794] * pitted lichen

SOURCE	LOCATION	HABITAT
11	RE	R

Family Pyrenulaceae

- *Arthopyrenia alba* (Schrader) Zahlbruckner, 1922 * lichen
- *Microthelia micula* Koerber, 1855 * lichen
- *Pyrenula leucoplaca* (Wallroth) Koerber
[= *P. farrea* (Acharius) Branth & Rostrup, 1869] * lichen

11	RE	V
11	RE	V
11	RE	V

Family Trypetheliaceae

- *Trypethelium virens* Tuckerman, 1853 * lichen

11	RE	V
----	----	---

ORDER CALICIALES

Family Caliciaceae

- *Coniocybe furfuracea* (Linnaeus) Acharius, 1816 * lichen

11	RE	V
----	----	---

ORDER HYSTERIALES

Family Arthoniaceae

- *Arthonia punctiformis* Acharius, 1810 * lichen
- *Arthonia radiata* (Persoon) Acharius, 1808
[= *A. r. swartziana* (Acharius) Willey] * lichen
- *Arthothelium spectabile* Massalongo, 1852 * lichen

11,13	RE	V
11,13	RE	V
11	RE	V

Family Graphidaceae

- *Graphis scripta* (Linnaeus) Acharius, 1809 * script lichen
- *Opegrapha lichenoides* Persoon, 1794 * lichen
- *Opegrapha pulcaris* (Hoffmann) Schrader [= *O. varia* Persoon, 1794] * lichen
- *Opegrapha viridis* Persoon, 1803 * lichen

11	RE	V
11	RE	V
11	RE	V
11	RE	V

ORDER LECANORALES

Family Diploschistaceae

- *Conotrema urceolatum* (Acharius) Tuckerman, 1848 * lichen

11	RE	V
----	----	---

Family Collemataceae

- *Collema subfurvum* (Müller-Argoviensis) Degelius, 1954 * lichen
- *Leptogium lichenoides* (Linnaeus) Zahlbruckner, 1924 * lichen
- *Leptogium tenuissimum* (Dickson) Fries, 1835 * lichen
- *Leptogium tremelloides* (Linnaeus) Gray, 1821 * lichen

12	RE	R,V
11	RE	V
11	RE	V
11	RE	V

Family Pannariaceae

- *Placynthium nigrum* (Hudson) Gray, 1821 * lichen

11	RE	F
----	----	---

Family Stictaceae

- *Sticta pulmonaria* (Linnaeus) Birolì, 1808 [= *Lobaria p.* (Linnaeus) Hoffmann] * leather lichen

11,12	RE	R,V
-------	----	-----

Family Peltigeraceae

- *Peltigera aphthosa* (Linnaeus) Hoffmann, 1787 * lichen
- *Peltigera canina* (Linnaeus) Willdenow, 1787 * dog lichen
- *Peltigera canina spuria* (Acharius) Tuckerman * lichen
- *Peltigera horizontalis* (Linnaeus) Hoffmann, 1790 * lichen
- *Peltigera spuria* (Acharius) DeCandolle, 1815 * lichen

11	RE	R,S,V
11,12	RE	R,S,V
13	RE	S,V
11	RE	R,S,V
11	RE	V

Family Lecideaceae

- *Bacidia fusciorubella* (Hoffmann) Bausch, 1869 * lichen
- *Bacidia schweinitzii* (Tuckerman) Schneider, 1898 * lichen
- *Bilimbia sabuletorum* (Schreber) Arnott, 1869 [= *Bacidia s.* (Schreber) Lettau] * lichen
- *Bilimbia trachona* (Acharius) Trevis, 1856 [= *Bacidia t.* (Acharius) Lettau] * lichen
- *Lecidea albocaerulescens* (Wulfen) Acharius, 1803 * whitewash lichen
- *Lecidea myriocarpoides* Nylander, 1865 * whitewash lichen

11	RE	V
11	RE	V
11	RE	V
11,18	RE	R,S
11	RE	R
11	RE	V

	SOURCE	LOCATION	HABITAT
Family Lecideaceae (continued)			
• <i>Lecidea parasema</i> Acharius, 1803 [= <i>L. enteroleuca</i> Acharius] * whitewash lichen	11	RE	R,V
• <i>Lecidea viridescens</i> (Schrader) Acharius, 1803 * whitewash lichen	11	RE	V
Family Cladoniaceae			
• <i>Cladonia arbuscula</i> (Wallroth) Rabenhorst [= <i>C. sylvatica</i> (Linnaeus) Hoffmann, 1795; <i>C. silvatica</i>] * lichen	11,13	RE	S,V
• <i>Cladonia bacillaris</i> (Acharius) Nylander, 1866 * lichen	12	RE	S,V
• <i>Cladonia caespiticia</i> (Persoon) Fløerke, 1828 * lichen	12	RE	S,V
• <i>Cladonia capitata</i> (Michaux) Sprengel * lichen	12	RE	R,S,V
• <i>Cladonia coniocraea</i> (Fløerke) Sprengel * lichen	12	RE	S,V
• <i>Cladonia conista</i> (Acharius) Robbins * lichen	12	RE	S,V
• <i>Cladonia cristatella</i> Tuckerman, 1858 * British soldiers or red crest lichen	11,12,13	RE	R,S,V
• <i>Cladonia cryptochlorophaea</i> Asahina * lichen	12	RE	S,V
• <i>Cladonia fimbriata</i> (Linnaeus) Fries, 1831 * lichen	11	RE	S
• <i>Cladonia furcata</i> (Hudson) Schrader, 1794 * lichen	11,12	RE	R,S,V
• <i>Cladonia gracilis</i> (Linnaeus) Willdenow, 1787 * spoon lichen	11,13	RE	V
• <i>Cladonia grayi</i> Sandsted * lichen	12	RE	S,V
• <i>Cladonia nemoxynea</i> (Acharius) Nylander * lichen	12	RE	S
• <i>Cladonia parasitica</i> (Hoffmann) Hoffm. [= <i>C. delicata</i> (Ehrhart) Fløerke, 1828] * lichen	11,12,13	RE	V
• <i>Cladonia pyxidata</i> (Linnaeus) Hoffmann, 1795 * pixie cup lichen	11,13	RE	S,V
• <i>Cladonia rangiferina</i> (Linnaeus) Weber, 1780 * reindeer lichen	11,13	RE	S,V
• <i>Cladonia squamosa</i> (Scopoli) Hoffmann, 1796 * lichen	11	RE	S,V
• <i>Cladonia subcariosa</i> Nylander, 1876 * lichen	12	RE	S,V
• <i>Cladonia verticillata</i> (Hoffmann) Schaerer, 1796 * ladder lichen	11,12	RE	S,V
• <i>Cladonia</i> sp. Hill, 1780 * reindeer moss	28	CK	S
Family Acarosporaceae			
• <i>Sarcogyne simplex</i> (Davies) Nylander [= <i>Biatorella</i> s. (Davies) Braun & Rostrup, 1869] * lichen	11	RE	R
Family Pertusariaceae			
• <i>Pertusaria leioplaca</i> (Acharius) Lamarck & DeCandolle, 1815 * lichen	11,13	RE	V
• <i>Pertusaria multipuncta</i> (Turner) Nylander, 1861 * lichen	11,13	RE	V
• <i>Pertusaria pertusa</i> (Linnaeus) Tuckerman, 1845 * lichen	11	RE	R,V
• <i>Pertusaria pustulata</i> (Acharius) Nylander, 1830 * lichen	11	RE	V
Family Lecanoraceae			
• <i>Lecanora dispersa</i> (Persoon) Röhling, 1813 * lichen	11,13	RE	R,V
• <i>Lecanora pallida</i> (Schreber) Rabenhorst, 1845 * lichen	11,13	RE	V
• <i>Lecanora subfusca</i> (Linnaeus) Acharius, 1810 [= <i>L. s. allophana</i> Acharius] * lichen	11,13	RE	R,V
• <i>Lecanora varia</i> (Hoffmann) Acharius, 1810 * lichen	11,13	RE	V
• <i>Ochrolechia tartarea</i> (Linnaeus) Massalongo, 1852 * lichen	11	RE	R
Family Parmeliaceae			
• <i>Candelaria concolor</i> (Dickson) Stein, 1879 [= <i>Teloschistes concolor</i> (Dickson) Tuckerman] * lichen	11,12,13	RE	R,V
• <i>Candelaria fibrosa</i> (Fries) Müller-Argoviensis, 1887 * lichen	12	RE	R,V
• <i>Cetraria ciliaris</i> Acharius, 1810 * shield lichen	11	RE	V
• <i>Cetraria ericetorum</i> Opiz * shield lichen	12	RE	S
• <i>Parmelia aspera</i> Massalongo [= <i>P. olivacea</i> (Linnaeus) Acharius] * boulder lichen	11,12,13	RE	V
• <i>Parmelia aurlenta</i> Tuckerman, 1858 * boulder lichen	12	RE	R,V
• <i>Parmelia borrieri</i> Trundle [= <i>P. bolliana</i> Müller-Argoviensis] * boulder lichen	12	RE	R,V
• <i>Parmelia caperata</i> (Linnaeus) Acharius, 1803 * boulder lichen	11,12	RE	R,V
• <i>Parmelia crozalsiana</i> DeLesdain * boulder lichen	12	RE	V
• <i>Parmelia flaventior</i> Stirton * boulder lichen	12	RE	R,V
• <i>Parmelia livida</i> Taylor [= <i>P. quercina</i> (Willdenow) Vainio, 1899] * boulder lichen	11	RE	V
• <i>Parmelia margaritata</i> Hue * boulder lichen	12	RE	V
• <i>Parmelia perlata</i> (Linnaeus) Acharius, 1803 * boulder lichen	11,13	RE	R,V

	SOURCE	LOCATION	HABITAT
Family Parmeliaceae (continued)			
• <i>Parmelia rudecta</i> Acharius, 1814 [= <i>P. borrieri rudecta</i> (Acharius) Tuckerman] * boulder lichen	11,12,13	RE	R,V
• <i>Parmelia saxatilis</i> (Linnaeus) Acharius, 1803 * boulder lichen	11	RE	R,V
• <i>Parmelia sulcata</i> Taylor, 1856 * boulder lichen	12	RE	R,V
• <i>Parmelia ulophyllodes</i> (Vainio) Savicz * boulder lichen	12	RE	V
Family Usneaceae [=Ramalinaceae]			
• <i>Alectoria nidulifera</i> Norrlin, 1831 [= <i>A. chalybeiformis</i> (Linnaeus) Röhling] * lichen	11	RE	V
• <i>Ramalina farinacea</i> (Linnaeus) Acharius, 1810 * dotted twig lichen [Ohio endangered species]	11,12	RE	R,V
• <i>Ramalina sinensis</i> Jaffa [= <i>R. calicaris</i> (Linnaeus) Röhling, 1813; <i>R. calicaris fraxinea</i> (Linnaeus) Fries; <i>R. fraxinea</i> (L.) Acharius] * twig lichen	11,13	RE	V
• <i>Usnea strigosa</i> (Acharius) Eaton [= <i>U. barbata</i> (Linnaeus) Wiggers, 1780] * lichen	11	RE	V
Family Caloplacaceae			
• <i>Caloplaca aurantiaca</i> (Lightfoot) Fries, 1861 [= <i>Placodium aurantiacum</i> (Lightfoot) Hepp] * lichen	11,13	RE	R,V
• <i>Caloplaca cerina</i> (Ehrhart) Fries, 1861 [= <i>Placodium cernum</i> (Hoffmann) Hepp] * lichen	11,13	RE	V
Family Teloschistaceae			
• <i>Teloschistes chrysophthalmus</i> (Linnaeus) Fries, 1858 * lichen	11,12,13	RE	V
• <i>Xanthoria candelaria</i> (Linnaeus) Fries [= <i>Teloschistes candelarius</i> (Linnaeus) Fink; <i>T. lychenus</i> (Acharius) Fries] * lichen	11,13	RE	V
• <i>Xanthoria fallax</i> (Hepp) Arnold * lichen	12	RE	R,V
• <i>Xanthoria polycarpa</i> (Hoffmann) Rieber [= <i>Teloschistes polycarpus</i> (Ehrhart) Tuckerman, 1882] * lichen	11,12	RE	V
Family Buelliaceae			
• <i>Buellia parasema</i> (Acharius) DeNotaris, 1846 [= <i>B. disciformis</i> (Fries) Mudd] * lichen	11,13	RE	V
• <i>Rinodina tephrae</i> (Tuckerman) Herre, 1910 [= <i>R. sophodes</i> (Acharius) Massalongo, 1852] * lichen	11,13	RE	R,V
Family Physciaceae			
• <i>Anaptychia echinata</i> (Taylor) Kurokawa * lichen	12	RE	V
• <i>Anaptychia hypoleuca</i> (Muhlenberg) Massalongo * lichen	11	RE	V
• <i>Anaptychia leucomelaena</i> Vainio * lichen	11	RE	R,V
• <i>Anaptychia palmulata</i> (Michaux) Vainio [= <i>A. aquila</i> (Acharius) Massalongo, 1853] * lichen	11	RE	R,V
• <i>Anaptychia speciosa</i> (Wulfen) Massalongo, 1853 [= <i>Physcia s.</i> (Wulfen) Nylander] * lichen	13	RE	R,V
• <i>Physcia adscendens</i> (Fries) Olivier * lichen	12	RE	R,V
• <i>Physcia aquila detonsa</i> (Fries) Tuckerman * lichen	13	RE	V
• <i>Physcia aipolia</i> (Ehrhart) Hampe * lichen	12	RE	R,V
• <i>Physcia ciliata</i> (Hoffmann) Du Reitz [= <i>P. obscura</i> (Ehrhart) Hampe] * lichen	11	RE	R,V
• <i>Physcia elaeina</i> (Smith) Smith [= <i>P. adglutinata</i> (Flörke) Nylander] * lichen	11	RE	V
• <i>Physcia grisea</i> (Lamarck) Zahlbruckner * lichen	12	RE	R,V
• <i>Physcia hypoleuca</i> (Acharius) Tuckerman * lichen	13	RE	V
• <i>Physcia millegrana</i> Degelius [= <i>P. tribacia</i> (Acharius) Nylander] * lichen	11,12	RE	R,V
• <i>Physcia orbicularis</i> (Necker) Poetsch * lichen	12	RE	R,V
• <i>Physcia stellaris</i> (Linnaeus) Nylander, 1858 * lichen	11,12,13	RE	R,V
• <i>Physcia syncolla</i> Tuckerman * lichen	12	RE	V
• <i>Physcia tribacia</i> (Acharius) Nylander, 1874 * lichen	13	RE	V
• <i>Physcia tribacoides</i> Nylander * lichen	12	RE	R,V
Family Leprariaceae			
• <i>Lepraria</i> sp. Acharius [= <i>Amphiloma lanuginosum</i> (Hoffmann) Nylander, 1856] * lichen	11	RE	R,V

KINGDOM PLANTAE
DIVISION BRYOPHYTA (mosses and liverworts)

CLASS HEPATICOPSIDA (liverworts)

ORDER JUNGERMANNIALES

Family Lophocoleaceae

- *Lophocolea heterophylla* (Schrader) Dumortier * liverwort

SOURCE	LOCATION	HABITAT
28	CK	R

ORDER MARCHANTIALES (typical liverworts)

Family Conocephalaceae

- *Conocephalum conicum* (Linnaeus) Wiggers * common liverwort

28	CK	R
----	----	---

Family Ricciaceae (liverworts)

- *Riccia fluitans* Linnaeus * slender riccia
- *Ricciocarpus natans* (Linnaeus) Corda * purple-fringed riccia

25	ES	P
25	ES	P

CLASS SPHAGNOPSIDA (peat mosses)

ORDER SPHAGNALES

Family Sphagnaceae

- *Sphagnum compactum* Lamarck & DeCandolle, 1805 * sphagnum
- *Sphagnum lescurii* Sullivant & Lesquereux 1856 * sphagnum
- *Sphagnum magellanicum* Bridel, 1798 * sphagnum
- *Sphagnum palustre* Linnaeus, 1753 * boat-leaved sphagnum
- *Sphagnum russowii* Warnstorf, 1886 * sphagnum
- *Sphagnum* sp. Linnaeus, 1753 * bog moss

17	RE	B,P
17	RE	B,P
17	RE	B,P
17	RE	B,P
17	RE	B,P
28	CK	B,P

CLASS BRYOPSIDA (mosses)

ORDER POLYTRICHALES

Family Polytrichaceae

- *Atrichum altecristatum* (Renauld & Cardot) Ireland, 1969 * spineleaf moss
- *Atrichum angustatum* (Bridel) Bruch & Schimper, 1844 * slender Catherinea
- *Atrichum undulatum* (Hedwig) Beauvois, 1805 * spineleaf moss
- *Pogonatum pensilvanicum* (Bartram) Beauvois, 1823 * false hair-cap moss
- *Polytrichum commune* Hedwig, 1801 * common hair-cap moss
- *Polytrichum ohioense* Renauld & Cardot, 1885 * hair-cap moss
- *Polytrichum piliferum* Hedwig, 1801 * hair-cap moss

17	RE	S
17	RE	S
17	RE	S
17	RE	S
17,28	CK,RE	S
17,28	CK,RE	S,V
17	RE	S

ORDER TETRAPHALES

Family Tetraphidaceae

- *Tetraphis pellucida* Hedwig, 1801 * four-tooth moss

17	RE	V
----	----	---

ORDER FUNARIALES

Family Funariaceae

- *Funaria hygrometrica* Hedwig, 1801 * cord moss
- *Physcomitrium pyriforme* (Hedwig) Hampe, 1837 * urn moss

17,28	CK,RE	S
17	RE	S

Family Disceliaceae

- *Discelium nudum* (Dickson) Bridel, 1826 * moss

17	RE	S
----	----	---

ORDER ORTHOTRICHALES

Family Orthotrichaceae

- *Drummondia prorepens* (Hedwig) Britton, 1894 * moss
- *Orthotrichum anomalum* Hedwig, 1801 * moss
- *Orthotrichum pumilum* Swartz, 1801 * moss
- *Orthotrichum pusillum* Mitten, 1864 * moss
- *Orthotrichum strangulatum* Beauvois, 1805 * moss
- *Ulota crispa* (Hedwig) Bridel, 1819 * moss

17	RE	V
17	RE	R
17	RE	V
17	RE	S
17	RE	R
17	RE	V

ORDER BRYALES [=EUBRYALES]

Family Bryaceae

	SOURCE	LOCATION	HABITAT
• <i>Bryum argenteum</i> Hedwig, 1801 * silvery moss	17	RE	S
• <i>Bryum caespiticium</i> Hedwig, 1801 * silvery moss	17	RE	S
• <i>Bryum capillare</i> Hedwig, 1801 * silvery moss	17	RE	V
• <i>Bryum lisae</i> var. <i>cuspidatum</i> (Bruch & Schimper) Margadant, 1972 * silvery moss	17	RE	S
• <i>Bryum pseudotriquetrum</i> (Hedwig) Gärtner, Meyer, & Scherbius, 1802 * silvery moss	17	RE	S
• <i>Leptobryum pyriforme</i> (Hedwig) Wilson, 1855 * moss	17	RE	R,S
• <i>Pohlia nutans</i> (Hedwig) Lindberg, 1879 * moss	17	RE	V
• <i>Rhodobryum roseum</i> (Hedwig) Limpricht, 1892 * rose moss	17	RE	R,S,V

Family Mniaceae

• <i>Mnium cuspidatum</i> Hedwig, 1801 * woodsy mniium moss	28	CK	S
• <i>Mnium stellare</i> Reichard, 1801 * star moss	17	RE	S,V
• <i>Plagiomnium ciliare</i> (Müller) Koponen, 1968 * moss	17	RE	S
• <i>Plagiomnium cuspidatum</i> (Hedwig) Koponen, 1968 * moss	17	RE	S
• <i>Plagiomnium medium</i> (Bruch & Schimper) Koponen, 1968 * moss	17	RE	S
• <i>Rhizomnium punctatum</i> (Hedwig) Koponen, 1968 * moss	17	RE	S

Family Bartramiaceae

• <i>Bartramia pomiformis</i> Hedwig, 1801 * apple moss	17	RE	R,S
• <i>Philonotis fontana</i> (Hedwig) Bridel, 1827 * moss	17	RE	S

Family Aulacomniaceae

• <i>Aulacomnium heterostichum</i> (Hedwig) Bruch & Schimper, 1841 * moss	17	RE	S
• <i>Aulacomnium palustre</i> (Hedwig) Schwägrichen, 1827 * moss	17	RE	S

ORDER HYPNOBRYALES [=HYPNALES]

Family Thuidiaceae

• <i>Cyrtio-hyprnum minutulum</i> (Hedwig) Buck & Crum, 1990 * moss	17	RE	S
• <i>Helodium blandowii</i> (Weber & Mohr) Warnstorf, 1905 * moss	17	RE	S
• <i>Helodium paludosum</i> (Austin) Brotherus, 1908 * moss	17	RE	S
• <i>Rauiella scita</i> (Beauvois) Reimers, 1937 * moss	17	RE	S
• <i>Thuidium delicatulum</i> (Hedwig) Schimper, 1852 * common fern moss	17,28	CK,RE	V
• <i>Thuidium recognitum</i> (Hedwig) Lindberg, 1874 * fern moss	17	RE	V

Family Amblystegiaceae

• <i>Amblystegium serpens</i> (Hedwig) Schimper, 1853 * moss	17	RE	R,S,V
• <i>Amblystegium serpens</i> var. <i>juratzkanum</i> (Schimper) Rau & Hervey, 1880 * moss	17	RE	R,S,V
• <i>Amblystegium varium</i> (Hedwig) Lindberg, 1879 * moss	17,28	CK,RE	R,S,V
• <i>Calliergon stramineum</i> (Dickson) Kindberg, 1894 * moss	17	RE	S
• <i>Calliergon trifarium</i> (Weber & Mohr) Kindberg, 1894 * moss	17	RE	S
• <i>Calliergonella cuspidata</i> (Hedwig) Loeske, 1911 * moss	17	RE	V
• <i>Campylium chrysophyllum</i> (Bridel) Lange, 1887 * moss	17	RE	S,V
• <i>Campylium hispidulum</i> (Bridel) Mitten, 1869 * moss	17	RE	R,S,V
• <i>Campylium polygamum</i> (Schimper) Jensen, 1887 * moss	17	RE	S
• <i>Campylium stellatum</i> (Hedwig) Jensen, 1887 * moss	17	RE	S
• <i>Drepanocladus aduncus</i> var. <i>aduncus</i> (Hedwig) Warnstorf, 1903 * moss	17	RE	S
• <i>Drepanocladus aduncus</i> var. <i>kneiffii</i> (Schimper) Mönkemeyer, 1927 * moss	17	RE	S
• <i>Hygroamblystegium fluviatile</i> (Hedwig) Loeske, 1903 * moss	17	RE	R,S
• <i>Hygroamblystegium tenax</i> (Hedwig) Jennings, 1913 * moss	17	RE	R,S,V
• <i>Hygrohypnum luridum</i> (Hedwig) Jennings, 1913 * moss	17	RE	R,V
• <i>Leptodictyum humile</i> (Beauvois) Ochyra, 1981 * moss	17	RE	S
• <i>Leptodictyum riparium</i> (Hedwig) Warnstorf, 1906 * moss	17	RE	R,S
• <i>Limprichtia revolvens</i> (Swartz) Loeske, 1907 * moss	17	RE	S

Family Brachytheciaceae

• <i>Brachythecium acuminatum</i> (Hedwig) Austin, 1870 * moss	17	RE	R,S
• <i>Brachythecium campestre</i> (Müller) Schimper, 1853 * moss	17	RE	R,S
• <i>Brachythecium oxycladon</i> (Bridel) Jaeger, 1878 * moss	17	RE	R,S,V

	SOURCE	LOCATION	HABITAT
Family Brachytheciaceae (continued)			
• <i>Brachythecium rivulare</i> Schimper, 1853 * rivulet brachythecium	17	RE	R,S
• <i>Brachythecium rutabulum</i> (Hedwig) Schimper, 1853 * moss	17	RE	R,S,V
• <i>Brachythecium salebrosum</i> (Hoffmann) Schimper, 1853 * moss	17	RE	R,S,V
• <i>Bryhnia graminicolor</i> (Bridel) Grout, 1898 * moss	17	RE	R,S
• <i>Bryhnia novae-angliae</i> (Sullivant & Lesquereux) Grout, 1898 * moss	17	RE	R,S,V
• <i>Bryoandersonia illecebra</i> (Hedwig) Robinson, 1962 * moss	17	RE	S
• <i>Eurhynchium hians</i> (Hedwig) Lacoste, 1866 * moss	17	RE	S
• <i>Eurhynchium pulchellum</i> (Hedwig) Jennings, 1913 * moss	17	RE	S,V
• <i>Eurhynchium serrulatum</i> (Hedwig) Kindberg, 1870 * moss	28	CK	S
• <i>Steerecleus serrulatus</i> (Hedwig) Robinson, 1987 * moss	17	RE	S
Family Plagiotheciaceae			
• <i>Plagiothecium cavifolium</i> (Bridel) Iwatsuki, 1970 * slender moss	17	RE	S
• <i>Plagiothecium denticulatum</i> (Hedwig) Schimper, 1851 * slender moss	17	RE	R,S,V
• <i>Plagiothecium</i> sp. Bruch & Schimper, 1852 * moss	28	CK	S
Family Hypnaceae			
• <i>Callicladium haldanianum</i> (Greville) Crum, 1971 * moss	17	RE	S
• <i>Herzogiella turfacea</i> (Lindberg) Iwatsuki, 1970 * moss	17	RE	S
• <i>Homomallium adnatum</i> (Hedwig) Brotherus, 1908 * moss	17	RE	F,V
• <i>Hypnum cupressiforme</i> Hedwig, 1801 * moss	17	RE	F,S
• <i>Hypnum curvifolium</i> Hedwig, 1801 * feather moss	17,28	CK,RE	F,S,V
• <i>Hypnum imponens</i> Hedwig, 1801 * moss	17	RE	S
• <i>Hypnum lindbergii</i> Mitten, 1864 * moss	17	RE	S
• <i>Isopterygiopsis muelleriana</i> (Schimper) Iwatsuki, 1970 * moss	17	RE	F,S
• <i>Platydictya confervoides</i> (Bridel) Crum, 1964 * moss	17	RE	S
• <i>Platygyrium repens</i> (Bridel) Schimper, 1851 * moss	17	RE	F,V
• <i>Pylaisiella intricata</i> (Hedwig) Grout, 1886 * moss	17	RE	V
• <i>Pylaisiella selwynii</i> (Kindberg) Crum, Steere, & Anderson, 1964 * moss	17	RE	V
• <i>Taxiphyllum taxirameum</i> (Mitten) Fleischer, 1923 * moss	17	RE	S
Family Hylocomiaceae			
• <i>Pleurozium schreberi</i> (Willdenow) Mitten, 1869 * moss	17	RE	S
Family Rhytidiaceae			
• <i>Rhytidium rugosum</i> (Ehrhart) Kindberg, 1883 * moss	17	RE	F,S
Family Entodontaceae			
• <i>Entodon cladorrhizans</i> (Hedwig) Müller, 1845 * moss	17	RE	V
• <i>Entodon seductrix</i> (Hedwig) Müller, 1846 * moss	17	RE	V
Family Sematophyllaceae			
• <i>Sematophyllum demissum</i> (Wilson) Mitten, 1864 * moss	17	RE	S
ORDER ISOBRYALES			
Family Fontinaliaceae			
• <i>Fontinalis dalecarlica</i> Bruch & Schimper, 1846 * common water moss	17	RE	E,S
• <i>Fontinalis hypnoides</i> Hartman, 1843 * water moss	17	RE	E,S
• <i>Fontinalis hypnoides</i> var. <i>duriae</i> (Schimper) Husnot, 1892 * water moss	17	RE	E,S
Family Climaciaceae			
• <i>Climacium americanum</i> Bridel, 1812 * tree moss	17,28	CK,RE	S,V
• <i>Climacium kindbergii</i> (Renauld & Cardot) Grout, 1901 * tree-flooded moss	17,28	CK,RE	V
Family Leskeaceae			
• <i>Anomodon attenuatus</i> (Hedwig) Hübener, 1833 * moss	17	RE	F,V
• <i>Anomodon minor</i> (Hedwig) Fürnrohr, 1829 * moss	17	RE	F,V
• <i>Anomodon rostratus</i> (Hedwig) Schimper, 1860 * moss	17	RE	F
• <i>Anomodon rugelii</i> (Müller) Keissler, 1900 * moss	17	RE	F,V
• <i>Leskea gracilescens</i> Hedwig, 1801 * moss	17	RE	S
• <i>Leskea obscura</i> Hedwig, 1801 * moss	17	RE	R,S,V
• <i>Thelia asprella</i> (Schimp) Sullivant, 1856 * moss	17	RE	V
• <i>Thelia hirtella</i> (Hedwig) Sullivant, 1856 * moss	17	RE	S
Family Fabroniaceae			
• <i>Anacamptodon splachnoides</i> (Fröelich) Bridel, 1819 * moss	17	RE	V

Family Leucodontaceae

- *Leucodon julaceus* (Hedwig) Sullivant, 1846 * moss

Family Hedwigiaceae

- *Hedwigia ciliata* (Hedwig) Beauvois, 1805 * white-tipped moss

ORDER POTTIALES**Family Pottiaceae**

- *Barbula convoluta* Hedwig, 1801 * moss
- *Barbula indica* var. *indica* (Hooker) Sprengel, 1824 * twisted teeth moss
[Ohio rare species]
- *Barbula unguiculata* Hedwig, 1801 * moss
- *Bryoerythrophyllum recurvirostre* (Hedwig) Chen, 1941 * moss
- *Desmatodon obtusifolius* (Schwägrichen) Schimper, 1860 * moss
- *Desmatodon porteri* James, 1870 * moss
- *Didymodon fallax* (Hedwig) Zander, 1978 * moss
- *Didymodon rigidulus* Hedwig, 1801 * moss
- *Gymnostomum aeruginosum* Smith, 1804 * moss
- *Hymenostylium recurvirostre* (Hedwig) Dixon, 1933 * moss
- *Hyophila involuta* (Hooker) Jaeger, 1873 * moss
- *Phascum cuspidatum* Hedwig, 1801 * moss
- *Tortella humilis* (Hedwig) Jennings, 1913 * twisted moss
- *Tortella tortuosa* (Hedwig) Limpricht, 1888 * twisted moss
- *Tortula ruralis* (Hedwig) Gärtner, Meyer, & Scherbius, 1802 * wall moss
- *Weissia controversa* Hedwig, 1801 * moss

ORDER DICRANALES**Family Dicranaceae**

- *Dicranella cerviculata* (Hedwig) Schimper, 1856 * fork moss
- *Dicranella heteromalla* (Hedwig) Schimper, 1856 * silky fork moss
- *Dicranella varia* (Hedwig) Schimper, 1856 * fork moss
- *Dicranum flagellare* Hedwig, 1801 * broom moss
- *Dicranum scoparium* Hedwig, 1801 * broom moss
- *Dicranum viride* (Sullivant & Lesquereux) Lindberg, 1863 * broom moss

Family Leucobryaceae

- *Leucobryum glaucum* (Hedwig) Ångström, 1845 * white pin-cushion moss

Family Ditrichaceae

- *Bruchia flexuosa* (Swartz) Müller, 1847 * moss
- *Ceratodon purpureus* (Hedwig) Bridel, 1826 * purple horn-tooth moss
- *Ditrichum lineare* (Swartz) Lindberg, 1872 * moss
- *Pleuridium subulatum* (Hedwig) Rabenhorst, 1848 * moss

ORDER FISSIDENTALES**Family Fissidentaceae**

- *Fissidens adianthoides* Hedwig, 1801 * moss
- *Fissidens bryoides* Hedwig, 1801 * moss
- *Fissidens obtusifolius* Wilson, 1845 * moss
- *Fissidens taxifolius* Hedwig, 1801 * moss

ORDER SELIGERIALES**Family Seligeriaceae**

- *Seligeria calcarea* (Hedwig) Bruch & Schimper, 1849 * moss
- *Seligeria campylopoda* Kindberg, 1892 * moss
- *Seligeria pusilla* (Hedwig) Bruch & Schimper, 1846 * moss

ORDER GRIMMIALES**Family Grimmiaceae**

- *Grimmia pulvinata* (Hedwig) Smith, 1807 * moss
- *Schistidium apocarpum* (Hedwig) Bruch & Schimper, 1845 * moss
- *Schistidium rivulare* (Bridel) Podpera, 1911 * moss

SOURCE	LOCATION	HABITAT
17	RE	S
17	RE	R
17	RE	S
17	RE	S
17	RE	S
17	RE	R
17	RE	S
17	RE	S
17	RE	R,S
17	RE	R
17	RE	R
17	RE	S
17	RE	S
17	RE	S,V
17	RE	R,S
17	RE	R,S
17	RE	S
17	RE	S
17	RE	V
17	RE	S
17	RE	S
17	RE	R,S,V
17	RE	V
17	RE	S,V
17	RE	S
17	RE	S
17	RE	S
17	RE	S
17	RE	S,V
17	RE	S,V
17	RE	R
17,28	CK,RE	S
17	RE	R
17	RE	R
17	RE	R
17	RE	S
17	RE	S
17	RE	S

DIVISION LYCOPODIOPHYTA (clubmosses)

CLASS LYCOPODIOPSIDA (clubmosses)

ORDER LYCOPODIALES

Family Lycopodiaceae (clubmosses)

• <i>Lycopodium dendroideum</i> Michaux * tree-like clubmoss	20	CK	S
• <i>Lycopodium obscurum</i> Linnaeus * tree clubmoss	27	CK	S

DIVISION EQUISETOPHYTA (horsetails and scouring rushes)

CLASS EQUISETOPSIDA (horsetails)

ORDER EQUISETALES

Family Equisetaceae (horsetails)

	SOURCE	LOCATION	HABITAT
• <i>Equisetum arvense</i> Linnaeus * field or common horsetail	21-23,25,28	CK,ES	S
• <i>Equisetum hyemale</i> Linnaeus * rough horsetail, scouring rush	28	CK	S

DIVISION FILICOPHYTA [=POLYPODIOPHYTA] (ferns)

CLASS FILICOPSIDA [=POLYPODIOPSIDA] (ferns)

ORDER OPHIOGLOSSALES

Family Ophioglossaceae (adder's tongues)

• <i>Botrychium dissectum</i> Sprengel * cut-leaf grapefern	27,28	CK	S
• <i>Botrychium rugulosum</i> Wagner * leathery grapefern [= <i>B. ternatum</i> Swartz]	20	CK	S
• <i>Botrychium virginianum</i> (Linnaeus) Swartz * rattlesnake fern	23,24,28	CK,ES	S

ORDER POLYPODIALES

Family Osmundaceae (royal ferns)

• <i>Osmunda cinnamomea</i> Linnaeus * cinnamon fern	21,23,24	ES	S
• <i>Osmunda claytoniana</i> Linnaeus * interrupted fern	23,28	CK,ES	S

Family Polypodiaceae (polypodies)

• <i>Polypodium virginianum</i> Linnaeus * common polypody [= <i>P. vulgare</i> Linnaeus]	27	CK	S
--	----	----	---

Family Adiantaceae (maidenhair ferns)

• <i>Adiantum pedatum</i> Linnaeus * northern maidenhair fern	23,28	CK,ES	S
---	-------	-------	---

Family Aspleniaceae [= Woodsiaceae] (spleenworts)

• <i>Athyrium filix-femina</i> (Linnaeus) Roth * subarctic lady fern	23,25,28	CK,ES	S
• <i>Cystopteris bulbifera</i> (Linnaeus) Bernhardt * bulblet fern	28	CK	S
• <i>Cystopteris tenuis</i> (Michaux) Desvaux * fragile fern	28	CK	S
• <i>Dryopteris carthusiana</i> (Villars) Fuchs * spinulose woodfern [= <i>D. austriaca</i> (Jacquin) Woyнар var. <i>spinulosa</i> (Müller) Fischer]	23,25,28	CK,ES	S
• <i>Dryopteris intermedia</i> (Muhlenberg) Gray * evergreen woodfern [= <i>D. austriaca</i> var. <i>intermedia</i> (Muhlenberg) Morton]	27	CK	S
• <i>Dryopteris marginalis</i> (Linnaeus) Gray * marginal shield-fern or woodfern	27,28	CK	S
• <i>Dryopteris</i> sp. Adanson * woodfern	24	ES	S
• <i>Gymnocarpium dryopteris</i> (Linnaeus) Newman * oak-fern	26	CK	S
• <i>Phegopteris hexagonoptera</i> (Michaux) Fée * broad beech-fern	20	CK	S
• <i>Polystichum acrostichoides</i> (Michaux) Schott * Christmas fern	23,28	CK,ES	S

Family Onocleaceae (sensitive ferns)

• <i>Onoclea sensibilis</i> Linnaeus * sensitive fern	21-23,25,27	CK,ES	S
---	-------------	-------	---

SOURCE AND HABITAT REFERENCES: ALGAL FLORA

1. Millie, D. F. and D. M. Klarer 1980 Survey of epiphytic diatoms along the Ohio coast of Lake Erie. Old Woman Creek State Nature Preserve and National Estuarine Research Reserve Tech. Rept. No. 1. Ohio Dept. Natural Resources, Div. Natural Areas and Preserves, Columbus, OH. 45 pp.
2. Klarer, D. M. (ed.) 1981 Limnological study of Old Woman Creek National Estuarine Sanctuary for collection of baseline data. Old Woman Creek State Nature Preserve and National Estuarine Research Reserve Tech. Rept. No. 2. Ohio Dept. Natural Resources, Div. Natural Areas and Preserves, Columbus, OH. 60 pp.
Klarer, D. M. 1989 Plankton and macroinvertebrates. *In*: K. A. Krieger (ed.), *Lake Erie Estuarine Systems: Issues, Resources, Status, and Management*. NOAA Estuary-of-the-Month Seminar Series No. 14, Washington, DC. p. 177-189.
3. Klarer, D. M. 1985 An annotated species list of the algae of Old Woman Creek Estuary. Old Woman Creek State Nature Preserve and National Estuarine Research Reserve Tech. Rept. No. 3. Ohio Dept. Natural Resources, Div. Natural Areas and Preserves, Columbus, OH. 48 pp.
4. Herdendorf, C. E. and A. M. Wilson (eds.) 1987 Limnological survey of Old Woman Creek estuary. Lake Erie. Ohio State University, Franz Theodore Stone Laboratory Research Rept. No. 6, Put-in-Bay, OH. 81 pp.
5. Jensen, S. I. 1992 Environmental components influencing epipelagic algal community structure. Ph.D. Diss., Bowling Green State University, Bowling Green, OH. 237 pp.
6. Kepner, R., Jr. and J. R. Pratt 1993 Characterization of benthic organic matter and surface-associated microbial communities at the Old Woman Creek National Estuarine Research Reserve. Final report submitted to U.S. Dept. Commerce/NOAA/NOS/OCRM, Sanctuaries and Reserves Div., Silver Spring, MD. 45 pp. + apps.
7. Krieger, K. A. and D. M. Klarer 1992 Macroinvertebrate communities of the Old Woman Creek National Estuarine Research Reserve. Old Woman Creek State Nature Preserve and National Estuarine Research Reserve Tech. Rept. No. 9. Ohio Dept. Natural Resources, Div. Natural Areas and Preserves, Columbus, OH. 54 pp. + 3 app.
Krieger, K. A. and D. M. Klarer 1995 Spatial and seasonal distributions of nonplanktonic aquatic invertebrates in the Old Woman Creek National Estuarine Research Reserve. Final research report submitted to Sanctuaries and Reserves Div.-NOAA, NOS, and ODNR, Div. Natural Areas and Preserves, Columbus, OH. 47 pp. + apps.
8. Sgro, G. and J. Johansen 1995 Ecology and assessment of the algae of four Lake Erie estuaries. Preliminary report submitted to the Lake Erie Protection Fund, Ohio Lake Erie Office, Toledo, OH. 62 pp. + apps.
Sgro, G. V. and J. R. Johansen 1997 Determination of algal metrics for Lake Erie estuaries. *Ohio J. Sci.* 97(2):23.
9. Lavrentyev, P. J., D. M. Klarer, and W. S. Gardner 1998 The microbial community structure and nitrogen dynamics in a Lake Erie coastal wetland, Old Woman Creek. Final research report submitted to Lake Erie Protection Fund, Ohio Lake Erie Office, Toledo, OH. 15 pp.
10. Present Study (observations by authors from 1980-1999 & illustrated Algae Card Catalog maintained by senior author at Old Woman Creek NERR & SNP Visitor Center, Huron, OH).

SOURCE AND HABITAT REFERENCES: LOWER PLANTS

11. Wolfe, J. N. 1940 *A Catalog of the Lichens of Ohio*. Ohio Biological Survey Bull. 36, Vol. 7, No. 1, Columbus, OH. 50 pp.
12. Taylor C. J. 1967 *The Lichens of Ohio*. Part 1: *Foliose Lichens*. Ohio Biological Survey Biol. Notes No. 3., Columbus, OH. p. 1-151.
Taylor C. J. 1968 *The Lichens of Ohio*. Part 2: *Fruticose and Cladoniform Lichens*. Ohio Biological Survey Biol. Notes No. 4., Columbus, OH. p. 152-227 + 1 app. (22 pp.).

13. Claassen, E. 1912 Alphabetical list of lichens collected in several counties of northern Ohio. *Ohio Naturalist* 12(8):543-548.
 Claassen, E. 1917 Second alphabetical list of lichens collected in several counties of northern Ohio. *Ohio J. Sci.* 18(2):62-63.
14. Fullmer, E. L. 1912 A preliminary list of the Myxomycetes of Cedar Point. *Ohio Naturalist* 12(4):472.
 Fullmer, E. L. 1921 *The Slime Molds of Ohio*. Ohio Biological Survey Bull. No. 11, Vol. 3. No. 1, Columbus, OH. 72 pp.
15. Brain, C. K. 1912 A list of fungi of Cedar Point. *Ohio Naturalist* 13(2):25-36.
16. Beneke, E. S. and J. A. Schmitt 1961 Aquatic fungi from South Bass and neighboring islands in western Lake Erie. I Uniflagellate and biflagellate Phycomycetes. *Ohio J. Sci.* 61(5):283-285.
 Schmitt, J. A. and E. S. Beneke 1962 Aquatic fungi from South Bass and neighboring islands in western Lake Erie II Additional biflagellate and uniflagellate Phycomycetes. *Ohio J. Sci.* 62(1):11-12.
17. Snider, J. A. and B. K. Andreas 1996 *A Catalog and Atlas of the Mosses of Ohio*. Ohio Biological Survey Misc. Contribution, No. 2., Columbus, OH. p 1-105.
18. Fink, B. 1921 *The Ascomycetes of Ohio IV: The Lecideaceae*. Ohio Biological Survey Bull. No. 10, Vol. 2. No. 6, Columbus, OH. p. 334-353.
19. Johnson, M. M. 1929 *The Gasteromycetae of Ohio: Puffballs, Birds'-Nest Fungi, and Stinkhorns*. Ohio Biological Survey Bull. No. 22, Vol. 4. No. 7, Columbus, OH. p. 273-352.
20. Moseley, E. L. 1899 *Sandusky Flora: A Catalogue of the Flowering Plants and Ferns Growing without Cultivation in Erie County, Ohio, and the Peninsula and Islands of Ottawa County*. Ohio State Academy of Science Special Papers No. 1, Academy of Science, Columbus, Ohio. 167 pp.
21. Marshall, J. H. 1977 Floristic analysis of the vascular plants of the Old Woman Creek Estuary and contiguous uplands, Erie County, Ohio. M.S. Thesis, Ohio State University, Columbus, OH. 101 pp. [Reprinted as CLEAR Technical Rept. No. 67]
22. Stuckey, R. L. and W. R. Carr 1979 A checklist of the vascular plants of Erie and Ottawa counties, Ohio. Center for Lake Erie Area Research Technical Report No. 118, Ohio State University, Columbus, Ohio. 82 pp.
23. Feix, L. S. and H. E. Wright 1992 Vascular plants recorded at the Old Woman Creek National Estuarine Research Reserve through 1991. Ohio Dept. Nat. Res., Div. Nat. Areas & Preserves. 14 pp. [Includes contributions by Botany Dept., Cleveland Museum of Natural History, 1988-1990]
24. Windus, J. L. 1995 Old Woman Creek swamp forest monitoring project: 1987-1995. Ohio Dept. Natural Resources, Div. Natural Areas & Preserves. 22 pp.
25. Whyte, R. S. 1996 The vegetation dynamics of a freshwater estuary on Lake Erie: The Old Woman Creek State Nature Preserve and National Estuarine Research Reserve, Huron, Ohio. Ph.D. Dissertation, Miami University, Oxford, Ohio. 372 pp.
26. Jones, P. D. 1997 Listing of species and features in the Natural Heritage database for the Old Woman Creek Preserve and the Old Woman Creek watershed. Ohio Dept. Natural Resources, Div. Natural Areas & Preserves. 6 pp.
27. Easterly, N. W. [no date] A check list of Ohio species in Moseley Herbarium. Bowling Green State University, Bowling Green, Ohio. 77 pp. [Specimens collected by E. L. Moseley within Old Woman Creek watershed, 1894-1927]
28. Phillips, B. D. 1997 A list of vascular plants found in Berlin Township: A survey of selected sites within the Old Woman Creek watershed. Research report submitted to Ohio Dept. Nat. Res., Div. Nat. Areas & Preserves, Old Woman Creek State Nature Preserve, Huron, OH. 12 pp. + 3 pp. suppl. [1998] + 5 pp. suppl. List of lower plants [2000].

LOCATION CODES:

- CK – Old Woman Creek watershed upstream of the estuary
- ES – Old Woman Creek estuary (including watershed within boundaries of NERR)
- LE – Lake Erie, principally nearshore waters of Erie County and western Lorain County, Ohio
- RE – Regional occurrence, principally Lake Erie watersheds of eastern Erie County and western Lorain County, Ohio

HABITAT CODES:

- A – Attached to hard surface (artificial substrate sample)
- B – Benthic (bottom association)
- C – Epipelagic (on or in soft sediment; core sample)
- P – Planktonic or nektonic (within water column; water sample)
- R – Epilithic (on rock)
- S – Soil (on or in soil; soil sample)
- V – Epiphytic (on vegetation)
- Z – Epizooic (on animals)

NOMENCLATURE AND TAXONOMIC REFERENCES

- Ahlstrom, E. H. and L. H. Tiffany 1934 The algal genus *Tetrastrum*. *Amer. J. Bot.* 21:499-507.
- Bold, H. C. and M. J. Wynne 1985 *Introduction to the Algae: Structure and Reproduction*, (2nd Ed.). Prentice-Hall, Englewood Cliffs, NY. 720 pp.
- Busch, D. E. 1974 Vertical and seasonal distribution of the Bacillariophyta in the Miller Blue Hole, Sandusky County, Ohio. M.Sc. Thesis, Bowling Green State University, Bowling Green, OH. 79 pp.
- Cholnoky, B. J. 1968. Die Diatomeenassoziationen der Santa-Lucia Lagune in Natal (Sudafrika). *Bot. Mar.* 11 (Suppl.):1-127.
- Cibula, W. G. 1974 *Ecological and Taxonomic Study of Selected Higher Fungi in Northeastern Ohio*. Ohio Biological Survey Biol. Note. No. 7., Columbus, OH. 94 pp.
- Cleve-Euler, A. 1951-1955 Die Diatomeen von Schweden und Finnland, I-V. *Kungl. Svenska Vetenskapsakademiens Handl.* 4 Ser 2:1 (1951); 3:3 (1952); 4:1 & 5 (1953); 5:4 (1955).
- Coker, W. C. 1937 Blastocladiales, Monoblepharidales: Blastocladaceae, Monoblepharidaceae. *North American Flora*, Vol. 2, Part 1. New York Botanical Garden, New York, NY. p. 1-13.
- Coker, W. C. and V. D. Matthews 1937 Saprolegniales: Saprolegniaceae, Ectrogellaceae, Leptomitaceae. *North American Flora*, Vol. 2, Part 1. New York Botanical Garden, New York, NY. p. 15-67.
- Cox, E. J. 1979 Taxonomic studies on the diatom genus *Navicula* Bory: The typification of the genus. *Bacillaria* 2:137-153.
- Davis, C. C. 1954 A preliminary study of the plankton of the Cleveland Harbor Area, Ohio, II. Distribution and quantity of phytoplankton. *Ecol. Monogr.* 24: 321-347.
- Davis, C. C. 1965. The standing stock of phytoplankton in Lake Erie at Cleveland, Ohio, 1964. *Int. Bull. Planktol. Japan* 12:51-53.
- Desikachary, T. V. 1959 *Cyanophyta*. Indian Council of Agricultural Research. New Delhi, India. 686 pp.
- Downing, R. C. 1970 Shoreline algae of western Lake Erie. *Ohio J. Sci.* 70:257-276.

- Ettl, H. 1978 *Süsswasserflora von Mitteleuropa*, (2nd Ed.). Band 3: *Xanthophyceae*. [H. Ettl, J. Gerloff, and H. Heynig, eds.]. Gustav Fisher, Stuttgart, Germany. 530 pp.
- Ettl, H. 1983 *Süsswasserflora von Mitteleuropa*, (2nd Ed.). Band 9: *Chlorophyta I Phytomonadina*. Gustav Fischer, Stuttgart, Germany. 807 pp.
- Edmondson, W. T. (ed.) 1959 *Fresh-Water Biology*, (2nd Ed.). Wiley, New York, NY. 1248 pp.
- Fink, B. 1915 *Ascomycetes of Ohio*, I. Ohio Biological Survey Bull. 5, Vol. 11, No. 1, Ohio State University Bull. 28, Vol. 19, No. 28, Columbus, OH. p. 35-71.
- Fink, B. 1935. *The Lichen Flora of the United States*. Univ. Michigan Press, Ann Arbor, MI. 426 pp. +plates.
- Frederick, V. R. 1975 Changes in the algal flora of East Harbor, Ottawa County, Ohio since 1900. *Ohio J. Sci.* 75:229-237.
- Geitler, L. 1932 Cyanophyceae In: *Rabenhorst's Kryptogamen-Flora*, Band 14. Akad. Verlagsges, Leipzig, Germany. 1196 pp. [Koeltz Reprint 1985]
- Germain, H. 1981 *Flora des Diatomées Diatomophycées eaux douces et saumâtres du Massif Armoricaïn et des contrées voisines d'Europe occidentale*. Boubee. Paris, France. 444 pp.
- Gilbertson, R. L. and L. Ryvarden 1987 *North American Polypores*. Fungiflora, Oslo, Norway. 885 pp.
- Gleason, H. A. and A. Cronquist 1991 *Manual of Vascular Plants of Northeastern United States and Adjacent Canada*. New York Botanical Garden, New York, NY. 910 pp.
- Graham, V. O. 1944 *Mushrooms of the Great Lakes Region*. Chicago Academy of Science, Chicago, IL. 390 pp. + plates. [Dover Reprint, 1970]
- Groves, J. W. 1979 *Edible and Poisonous Mushrooms of Canada*. Agriculture Canada Publ. 1112, Ottawa, Canada. 326 pp.
- Hasle, G. R. and D. L. Evensen 1976 Brackish water and freshwater species of the diatom genus *Skeletonema*, II. *Skeletonema potamos* comb. nov. *J. Phycol.* 12:73-82.
- Herdendorf, C. E. and M. E. Monaco 1983 Association of *Vorticella campanula* and *Anabaena flos-aqua* during a blue-green algal bloom in western Lake Erie. *Ohio J. Sci.* 83(5):270-271.
- Hindak, F. 1976 *Neodesmus*, eine neue Gattung der Familie Scenedesmaceae (Chlorococcales, Chlorophyceae). *Preslia* [Prague, Czechoslovakia] 48:207-215.
- Hindak, F. 1978 The genus *Lagerheimia* Chod. and *Lagerheimia*-like unicells in the genus *Scenedesmus* Meyen (Chlorophyceae). *Biologia* [Bratislava, Czechoslovakia] 33:795-808.
- Hohn, M. H. 1969 *Qualitative and quantitative analysis of plankton diatoms: Bass Islands of Lake Erie, 1938-1965*. Bull. Ohio. Biol. Survey N.S. Vol. 3, No. 1. 208 pp.
- Hohn, M. H. and J. Hellerman 1963 The taxonomy and structure of diatom populations from three eastern North American rivers using three sampling methods. *Trans. Amer. Micros. Soc.* 82:250-329.
- Huber-Pestalozzi, G. 1938 *Die Binnengewässer*. Band 16 *Das Phytoplankton des Süßwassers, Systematik und Biologie*. Teil 1 *Blaualgen, Bakterien, Pilze*. E. Schweizerbart'sche, Stuttgart, Germany. 342 pp.
- Huber-Pestalozzi, G. 1941 *Die Binnengewässer*. Teil 2 Hälfte 1 *Chrysophyceen, Farblose Flagellaten, Heterokonten*. E. Schweizerbart'sche, Stuttgart, Germany. 365 pp.
- Huber-Pestalozzi, G. 1955 *Die Binnengewässer*. Band 16 *Das Phytoplankton des Süßwassers, Systematik und Biologie*. Teil 4 *Euglenophyceae*. E. Schweizerbart'sche, Stuttgart, Germany. 606 pp.
- Huber-Pestalozzi, G. 1968 *Die Binnengewässer*. Band 16 *Das Phytoplankton des Süßwassers, Systematik und Biologie*. Teil 3 *Cryptophyceae, Chloromonadophyceae, Dinophyceae*. E. Schweizerbart'sche, Stuttgart, Germany. 322 pp.
- Hustedt, F. 1930a *Bacillariophyta (Diatomeae)*. Dr. A. Pascher: *Die Süßwasser Flora Mitteleuropas*. Band 10. 466 pp.

- Hustedt, F. 1930b *Die Kieselalgen Deutschlands, Osterreichs und der Schweiz mit Berueck sichtigung der ubrigen Lander Europas sowie der angrenzenden Meeresgebiete I*. Dr. L. Rabenhorst's *Kryptogamen-Flora* Band 7. 920 pp.
- Hustedt, F. 1938-39 Systematische und oekologische Untersuchungen über die Diatomeen flora von Java, Bali and Sumatra nach dem Material der Deutschen Limnologischen Sunda-Expedition. *Arch. Hydrobiol. Suppl.* 15:131-177, 187-295, 393-506, 638-790; *Arch. Hydrobiol. Suppl.* 16:1-155, 274-394.
- Hustedt, F. 1942a *Die Binnengewasser*. Band 16. *Das Phytoplankton des Süswassers, Systematik und Biologie*. Teil 2, Halfte 2 *Diatomeen*. E. Schweizerbart'sche, Stuttgart, Germany. p. 376-549.
- Hustedt, F. 1942b Süswasser-Diatomeen des Indomalayischen Archipels und der Hawaii-Inseln. *Int. Rev. ges Hydrobiol. u. Hydrographie* 42:1-152.
- Hustedt, F. 1949 *Süswasser-Diatomeen aus dem Albert-National Park in Belgisch-Kongo*. In: Institute des Parcs Nationaux du Congo Belge. *Exploration du Parc National Albert: Mission H. Damas* (1935-1936) Fasc. 8 Marcel Hayez. Bruxelles, Belgium. 109 pp.
- Hustedt, F. 1957. Die Diatomeen flora des Fluss-systems der Weser in Gebiet der Hansestat Bremen. *Abh. naturw. Ver. Bremen* 34(3):181-440.
- Hustedt, F. 1960-1966 *Die Kieselalgen Deutschlands, Osterreichs und der Schweiz mit Beruecksichtigung der ubrigen Lander Europas sowie der angrenzenden Meeresgebiete III*. Dr. L. Rabenhorst's *Kryptogamen-Flora*. Band 7. 816 pp.
- Hynes, H. B. N. 1972 *The Ecology of Running Water*. University of Toronto Press. Toronto, ON. 555 pp.
- Jackson, D. C. 1975 Distribution and morphology of members of the diatom genera *Gyrosigma* and *Pleurosigma* W. Smith in the Portage River drainage system. M.Sc. Thesis, Bowling Green State University, Bowling Green, OH. 75 pp.
- Jahn, T. L., E. C. Bovee, and F. F. Jahn 1979 *How to Know the Protozoa*, (2nd. Ed.). Brown, Dubuque, IA. 279 pp.
- Kartesz, J. T. and C. A. Meacham 1997 *Lexicon of North America Flora*. University of North Carolina, Chapel Hill, NC. Computer database (Version 0.989)
- Keller, H. J. and K. L. Braun 1999 *Myxomycetes of Ohio: Their Systematics, Biology, and Use in Teaching*. Ohio Biological Survey Bull. New Series, Vol. 13, No. 2, Columbus, OH. 182 pp.
- Kishler, J. and C. E. Taft. 1970. *Bangia atropurpurea* (Roth) A. in western Lake Erie. *Ohio J. Sci.* 70:56-57.
- Klarer, D. M. 1983. A survey of phytoplankton in Old Woman Creek estuary [Abst.]. *Ohio J. Sci.* 83(2):93
- Kline, P. A. 1981. Composition and abundance of phytoplankton from the nearshore zone of the central basin of Lake Erie during the 1978-1979 Lake Erie nearshore study. Final report submitted to U.S. Environmental Protection Agency (Region V), Chicago, IL. 120 pp.
- Kline, P. A. and R. L. Lowe. 1975. Phytoplankton of the Sandusky River near Fremont, Ohio. In: D. B. Baker, W. B. Jackson, and B. L. Prater, (eds.), *Proceedings of the Sandusky River Basin Symposium, May 2-3, 1975, Tiffin, Ohio*. International Joint Commission, Windsor, ON. p. 175-208.
- Komárek, J. and K. Anagnostidis 1999 *Süswasserflora von Mitteleuropa 2 reviv Aufl.* Band 19: *Cyanoprocaryota I. Chroococcales*. Gustav Fischer, Stuttgart, Germany 548 pp.
- Komárek, J. and B. Fott 1983 *Die Binnengewasser*. Band 16: *Das Phytoplankton des Süswassers, Systematik und Biologie*. Teil 7, Halfte 1 *Chlorophyceae (Grünalgen) Ordnung: Chlorococcales*. E. Schweizerbart'sche, Stuttgart, Germany. 1044 pp.
- Krammer, K. and H. Lange-Bertalot 1986 *Süswasserflora von Mitteleuropa 2 reviv Aufl.* Band 2: *Bacillariophyceae. I. Naviculaceae*. Gustav Fischer, Stuttgart, Germany. 876 pp.
- Krammer, K. and H. Lange-Bertalot 1988. *Süswasserflora von Mitteleuropa 2 reviv Aufl.* Band 2: *Bacillariophyceae. II. Bacillariaceae, Epithemiaceae, Surirellaceae*. Gustav Fischer, Stuttgart, Germany. 596 pp.

- Krammer, K. and H. Lange-Bertalot 1991a *Süßwasserflora von Mitteleuropa 2 reviv Aufl. Band 2: Bacillariophyceae. III. Centrales, Fragilariaceae, Eunotiaceae*. Gustav Fischer, Stuttgart, Germany. 876 pp.
- Krammer, K. and H. Lange-Bertalot 1991b *Süßwasserflora von Mitteleuropa 2 reviv Aufl. Band 2: Bacillariophyceae IV. Achnantheaceae*. Gustav Fischer, Stuttgart, Germany. 437 pp.
- Kreis, R. G., Jr. and E. F. Stoermer 1979 Diatoms of the Laurentian Great Lakes III: Rare and poorly known species of *Achnanthes* Bory and *Cocconeis* Ehr. (Bacillariophyta). *J. Great Lakes Res.* 5:276-291.
- Kudo, R. R. 1939 *Protozoology*, (2nd. Ed.). Thomas, Springfield, IL. 689 pp.
- Læssøe, T., G. Lincoff, and A. Del Conte 1996 *The Mushroom Book*. DK Publ., New York, NY. 256 pp.
- Landacre, F. L. 1908 The Protozoa of Sandusky Bay and vicinity. *Proc. Ohio State Academy of Science* 4(10):421-472.
- Lee, J. J., S. H. Hutner, and E. C. Bovee 1985 *An Illustrated Guide to the Protozoa*. Society of Protozoologists, Lawrence, KS. 629 pp.
- Lowe, R. L. and D. E. Busch 1975 Morphological observations on two species of the diatom genus *Thalassiosira* from freshwater habitats in Ohio. *Trans. Amer. Micros. Soc.* 94:118-123.
- Lowe, R. L. and J. M. McCullough 1974. The effect of sewage-treatment-plant effluent on diatom communities in the North Branch of the Portage River, Wood County, Ohio. *Ohio J. Sci.* 74:154-161.
- Lowe, R. L. and P. A. Kline. 1975. Planktonic centric diatoms from the Sandusky River, Ohio. In: D. B. Baker, W. B. Jackson, and B. L. Prater, (eds.), *Proceedings of the Sandusky River Basin Symposium, May 2-3, 1975, Tiffin, Ohio*. International Joint Commission, Windsor, ON. p. 143-152.
- Lund, J. W. G. 1946 Observations on Soil Algae. I: The ecology, size and taxonomy of British soil diatoms, Part 2. *New Phytol.* 45:56-110.
- Millie, D. F. 1979 The epiphytic diatom flora of three species of aquatic vascular plants common to three Lake Erie marshes. M.Sc. Thesis, Bowling Green State University, Bowling Green, OH. 205 pp.
- Munawar, M. and I. F. Munawar 1976 A lakewide study of phytoplankton biomass and its species composition in Lake Erie, April-December, 1970. *J. Fish. Res. Bd. Can.* 33:581-600.
- Munawar, M. and I. F. Munawar 1996 *Phytoplankton Dynamics in the North American Great Lakes*. Vol. 1: *Lakes Ontario, Erie and St. Clair*. SPC Academic Publ., Amsterdam, The Netherlands. 282 pp.
- Munawar, M. and N. M. Burns 1976 Relationships of phytoplankton biomass with soluble nutrients, primary production, and chlorophyll *a* in Lake Erie, 1970. *J. Fish. Res. Bd. Can.* 33:601-611.
- Needham, J. G. and P. R. Needham 1962 *A Guide to the Study of Fresh-Water Biology*, (5th Ed.). Holden-Day, San Francisco, CA. 108 pp.
- Nygaard, G. 1949 Hydrobiological studies on some Danish ponds and lakes. 2: The quotient hypothesis and some new or little known phytoplankton organisms. *Kong. Danske Vid. Selsk. Biol.* 7:1-263.
- Parker, S. P. (ed). 1982 *Synopsis and Classification of Living Organisms*. McGraw-Hill, New York, NY. Vol. 1, 1166 pp.; Vol. 2, 1232 pp.
- Parra, O. O. 1979 Revision der Gattung *Pediastrum* Meyen (Chlorophyta). *Bibliotheca Phycologica Bd.* 48:1-186.
- Patrick, R. and C. W. Reimer 1966 *The Diatoms of the United States exclusive of Alaska and Hawaii*, Vol. I. Acad. Nat. Sci. Monogr. 13, Philadelphia, PA. 688 pp.
- Patrick, R. and C. W. Reimer 1975 *The Diatoms of the United States exclusive of Alaska and Hawaii*, Vol. II, Part 1. Acad. Nat. Sci. Monogr. 13, Philadelphia, PA. 213 pp.
- Peckarsky, B. L., P. R. Fraissinet, M. A. Penton, and D. J. Conklin, Jr. 1990 *Freshwater Macroinvertebrates of Northeastern North America*. Cornell University Press, Ithaca, NY. 442 pp.
- Pennak, R. W. 1978 *Fresh-Water Invertebrates of the United States*, (2nd Ed.). Wiley, New York, NY. 803 pp.

- Popovsky, J. and L. A. Pfiester 1990 *Süsswasserflora von Mitteleuropa 2 reviv Aufl. Band 6: Dinophyceae*. Gustav Fischer, Stuttgart, Germany. 272 pp.
- Prescott, G. W. 1962 *Algae of the Western Great Lakes Area with an Illustrated Key to the Genera of Desmids and Freshwater Diatoms*, (Rev. Ed.), Brown, Dubuque, IA. 977 pp.
- Prescott, G. W., C. E. deM. Bieudo, and W. C. Vinyard 1982 *A Synopsis of North American Desmids*. Part II: *Desmidiaceae: Placoderma*, Section 4. University of Nebraska Press, Lincoln, NE. 700 pp.
- Prescott, G. W., H. T. Croasdale, and W. C. Vinyard 1975 *A Synopsis of North American Desmids*. Part II: *Desmidiaceae: Placodermae*, Section 1. University of Nebraska Press, Lincoln, NE. 275 pp.
- Prescott, G. W., H. T. Croasdale, W. C. Vinyard, and C. E. deM. Bieudo 1981 *A Synopsis of North American Desmids*. Part II: *Desmidiaceae: Placodermae*, Section 1. University of Nebraska Press, Lincoln, NE. 720 pp.
- Pickett-Heats, J. D. 1975 *Green Algae: Structure, Reproduction and Evolution in Selected Genera*. Sinauer, Sunderland, MA. 606 pp.
- Pryfogle, P. A. 1975 Seasonal distribution of periphytic diatom communities of Tymochtee Creek. In: D. B. Baker, W. B. Jackson, and B. L. Prater, (eds.), *Proceedings of the Sandusky River Basin Symposium, May 2-3, 1975, Tiffin, Ohio*. International Joint Commission, Windsor, ON. p. 153-173.
- Riddle, L. C. 1902 Algae from Sandusky Bay. *Ohio Nat.* 3:317-319.
- Round, F. E. 1969 *Introduction to the Lower Plants*. Butterworths, London, England. 170 pp.
- Round, F. E., R. M. Crawford, and D. G. Mann 1990 *The Diatoms: Biology & Morphology of the Genera*. Cambridge University Press, Cambridge, England. 747 pp.
- Sinclair, W. A., H. H. Lyon, and W. T. Johnson 1987 *Diseases of Trees*. Cornell University Press, Ithaca, NY. 574 pp.
- Smith, G. M. 1920 *Phytoplankton of the inland lakes of Wisconsin*, Part 1. Wisc. Geol. and Nat. Hist. Surv. Bull. 57, Madison, WI. 243 pp.
- Smith, G. M. 1924 *Phytoplankton of the inland lakes of Wisconsin*, Part 2. Wisc. Geol. and Nat. Hist. Surv. Bull. 57, Madison, WI. 227 pp.
- Smith, G. M. 1950 *The Fresh-Water Algae of the United States*, (2nd Ed.). McGraw-Hill, New York, NY. 719 pp.
- Starmach, K. 1985 *Süsswasserflora von Mitteleuropa 2 reviv Aufl. Band 1: Chrysophyceae und Haptophyceae*. Gustav Fischer, Stuttgart, Germany. 515 pp.
- Stevenson, R. J. 1976 The periphytic diatoms of the Sandusky River. M.Sc. Thesis, Bowling Green State University, Bowling Green, OH. 187 pp.
- Stevenson, R. J. and E. F. Stoermer 1978 Diatoms from the Great Lakes. II: Some rare or poorly known species of the genus *Navicula*. *J. Great Lakes Res.* 4:178-185.
- Stevenson, R. J. and P. A. Pryfogle. 1975. A comparison of the winter diatom flora of the Sandusky River and Tymochtee Creek. In: D. B. Baker, W. B. Jackson, and B. L. Prater, (eds.), *Proceedings of the Sandusky River Basin Symposium, May 2-3, 1975, Tiffin, Ohio*. International Joint Commission, Windsor, ON. p. 210-231.
- Stoermer, E. F. 1978 Phytoplankton assemblages as indicators of water quality in the Laurentian Great Lakes. *Trans. Amer. Micros. Soc.* 97:2-16.
- Stoermer, E. F. and R. G. Kreis, Jr. 1978 Preliminary checklist of diatoms (Bacillariophyta) from the Laurentian Great Lakes. *J. Great Lakes Res.* 4:149-169.
- Stoermer, E. F., R. G. Kreis, Jr., and N. A. Andresen 1999 Checklist of diatoms from the Laurentian Great Lakes. II. *J. Great Lakes Res.* 25(3):515-566.

- Sullivan, C. R. Jr. 1953. Survey on the phytoplankton at the mouths of ten Ohio streams entering Lake Erie. *In: Lake Erie Pollution Study. Final Report.* Ohio Dept. Natural Resources, Division of Water, Columbus, OH. p. 152-156.
- Taft, C. E. 1942 Additions to the algae of the west end of Lake Erie. *Ohio J. Sci.* 42:251-256.
- Taft, C. E. 1964 New records of algae from the west end of Lake Erie. *Ohio J. Sci.* 64:43-50.
- Taft, C. E. and C. W. Taft 1971 *The Algae of Western Lake Erie.* Bull. Ohio Biological Survey, Vol. 4, No. 1, Columbus, OH. 189 pp.
- Taft, C. E. and W. J. Kishler 1968 Algae from western Lake Erie. *Ohio J. Sci.* 68:80-83.
- Tiffany, L. H. 1934 *The plankton algae of the west end of Lake Erie.* Contribution No. 6, Franz Theodore Stone Lab. The Ohio State University Press, Columbus, OH. 112 pp.
- Tiffany, L. H. 1937 The filamentous algae of the west end of Lake Erie. *Amer. Midl. Nat.* 18:911-951.
- Tiffany, L. H. and E. H. Ahlstrom 1931 New and interesting plankton algae from Lake Erie. *Ohio J. Sci.* 31:455-467.
- Vollenweider, R. A., M. Munawar, and P. Stadelman 1974 A comparative review of phytoplankton and primary production in the Laurentian Great Lakes. *J. Fish. Res. Bd. Can.* 31:739-762.
- Vorce, C. M. 1881 Forms observed in water of Lake Erie. *Proc. Amer. Micros. Soc.* 4:50-60.
- Weber, C. I. 1970. A new freshwater centric diatom *Microsiphona potamos* gen. et sp. nov. *J. Phycol.* 6:149-153.

Appendix B

Checklist of Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie

CHECKLIST OF ALGAL FLORA AND LOWER PLANTS OF OLD WOMAN CREEK ESTUARY, WATERSHED, AND ADJACENT WATERS OF LAKE ERIE

KINGDOM MONERA

DIVISION CYANOPHYTA (blue-green algae)

CLASS CYANOPHYCEAE

Order Chroococcales

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Aphanocapsa delicatissima</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Aphanocapsa elachista</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Aphanocapsa incerta</i>	blue-green	Chroococcaceae	CK
<input type="checkbox"/> <i>Aphanothece saxicola</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Chroococcus dispersus</i>	blue-green	Chroococcaceae	CK,ES
<input type="checkbox"/> <i>Chroococcus minor</i>	blue-green	Chroococcaceae	CK
<input type="checkbox"/> <i>Chroococcus minutus</i>	blue-green	Chroococcaceae	CK,LE
<input type="checkbox"/> <i>Chroococcus planctonicus</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Chroococcus</i> spp.	blue-greens	Chroococcaceae	CK,ES
<input type="checkbox"/> <i>Coelosphaerium naegelianum</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Coelosphaerium pallidum</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Dactylococcopsis irregularis</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Gloeocapsa aeruginosa</i>	blue-green	Chroococcaceae	CK
<input type="checkbox"/> <i>Gloeocapsa</i> sp.	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Gomphosphaeria lacustris</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Merismopedia glauca</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Merismopedia minima</i>	blue-green	Chroococcaceae	CK,ES
<input type="checkbox"/> <i>Merismopedia tenuissima</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Microcystis aeruginosa</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Microcystis minutissima</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Microcystis</i> sp.	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Rhabdoderma minima</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Rhabdoderma</i> sp.	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Synechococcus leopoliensis</i>	blue-green	Chroococcaceae	ES
<input type="checkbox"/> <i>Synechococcus</i> sp.	blue-green	Chroococcaceae	ES

Order Oscillatoriales

<input type="checkbox"/> <i>Anabaena circinalis</i>	blue-green	Nostocaceae	ES
<input type="checkbox"/> <i>Anabaena spiroides</i>	blue-green	Nostocaceae	LE
<input type="checkbox"/> <i>Anabaena spiroides</i> var. <i>crassa</i>	blue-green	Nostocaceae	LE
<input type="checkbox"/> <i>Anabaena variabilis</i>	blue-green	Nostocaceae	ES
<input type="checkbox"/> <i>Anabaena</i> spp.	blue-greens	Nostocaceae	ES,LE
<input type="checkbox"/> <i>Aphanizomenon flos-aquae</i>	blue-green	Nostocaceae	ES,LE
<input type="checkbox"/> <i>Calothrix fusca</i>	blue-green	Rivulariaceae	CK
<input type="checkbox"/> <i>Calothrix</i> spp.	blue-greens	Rivulariaceae	CK
<input type="checkbox"/> <i>Lyngbya</i> sp.	blue-green	Oscillatoriaceae	CK,ES
<input type="checkbox"/> <i>Microcoleus lyngbyaceus</i>	blue-green	Oscillatoriaceae	CK
<input type="checkbox"/> <i>Oscillatoria agardhii</i>	blue-green	Oscillatoriaceae	ES,LE
<input type="checkbox"/> <i>Oscillatoria amphibia</i>	blue-green	Oscillatoriaceae	ES
<input type="checkbox"/> <i>Oscillatoria chlorina</i>	blue-green	Oscillatoriaceae	LE
<input type="checkbox"/> <i>Oscillatoria granulata</i>	blue-green	Oscillatoriaceae	ES
<input type="checkbox"/> <i>Oscillatoria hamelii</i>	blue-green	Oscillatoriaceae	ES,LE
<input type="checkbox"/> <i>Oscillatoria limosa</i>	blue-green	Oscillatoriaceae	CK,ES
<input type="checkbox"/> <i>Oscillatoria prolifica</i>	blue-green	Oscillatoriaceae	LE
<input type="checkbox"/> <i>Oscillatoria</i> spp.	blue-greens	Oscillatoriaceae	ES,LE
<input type="checkbox"/> <i>Oscillatoria subbrevis</i>	blue-green	Oscillatoriaceae	CK,ES
<input type="checkbox"/> <i>Oscillatoria tenuis</i>	blue-green	Oscillatoriaceae	CK,ES
<input type="checkbox"/> <i>Phormidium tenue</i>	blue-green	Oscillatoriaceae	ES
<input type="checkbox"/> <i>Raphidiopsis mediterranea</i>	blue-green	Rivulariaceae	LE
<input type="checkbox"/> <i>Schizothrix calcicola</i>	blue-green	Oscillatoriaceae	CK,ES
<input type="checkbox"/> <i>Spirulina</i> sp.	blue-green	Rivulariaceae	ES

KINGDOM PROTISTA

DIVISION RHODOPHYTA (red algae)

CLASS RHODOPHYCEAE

Order Bangiales

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Bangia atropurpurea</i>	red alga	Bangiaceae	LE

DIVISION CHRYSOPHYTA (golden & yellow-green algae)

CLASS CHRYSOPHYCEAE (chrysophycean algae)

Order Ochromonadales

<input type="checkbox"/> <i>Anthophysa steinii</i>	golden-brown alga	Mallomonadaceae	ES
<input type="checkbox"/> <i>Anthophysa vegetans</i>	golden-brown alga	Mallomonadaceae	ES
<input type="checkbox"/> <i>Chrysococcus biporus</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Chrysococcus minutus</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Chrysococcus rufescens</i> var. <i>tripora</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Chrysococcus triporus</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Chrysococcus</i> spp.	golden-brown algae	Ochromonadaceae	ES
<input type="checkbox"/> <i>Dinobryon bavaricum</i>	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Dinobryon divergens</i>	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Dinobryon sertularia</i>	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Dinobryon sociale</i>	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Dinobryon</i> sp.	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Epipyxis tabellariae</i>	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Kephyrion ovale</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Kephyrion spirale</i>	golden-brown alga	Ochromonadaceae	LE
<input type="checkbox"/> <i>Kephyrion</i> spp.	golden-brown algae	Ochromonadaceae	ES
<input type="checkbox"/> <i>Mallomonas acaroides</i>	golden-brown alga	Mallomonadaceae	ES
<input type="checkbox"/> <i>Mallomonas elegans</i>	golden-brown alga	Mallomonadaceae	ES
<input type="checkbox"/> <i>Mallomonas intermedia</i>	golden-brown alga	Mallomonadaceae	ES
<input type="checkbox"/> <i>Microglena</i> sp.	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Monas guttula</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Monas socialis</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Monas</i> sp.	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Ochromonas ludibunda</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Ochromonas nana</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Ochromonas</i> sp.	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Physomonas vestita</i>	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Pseudokephyrion cylindricum</i>	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Pseudokephyrion entzii</i> f. <i>granulata</i>	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Spumella</i> sp.	golden-brown alga	Ochromonadaceae	ES
<input type="checkbox"/> <i>Stokesiella</i> sp.	golden-brown alga	Dinobryaceae	ES
<input type="checkbox"/> <i>Synura uvella</i>	golden-brown alga	Mallomonadaceae	ES

CLASS XANTHOPHYCEAE (yellow-green algae)

Order Rhizochloridaceae

<input type="checkbox"/> <i>Stipitococcus vasiformis</i>	yellow-green alga	Stipitocicaceae	ES
--	-------------------	-----------------	----

Order Mischococcales

<input type="checkbox"/> <i>Centrtractus ellipsoideus</i>	yellow-green alga	Centrtractaceae	ES
<input type="checkbox"/> <i>Goniocloris fallax</i>	yellow-green alga	Pleurochloridaceae	ES
<input type="checkbox"/> <i>Ophiocytium capitatum</i> var. <i>longispina</i>	yellow-green alga	Ophiocytaceae	ES
<input type="checkbox"/> <i>Pseudostaurastrum hastatum</i>	yellow-green alga	Pleurochloridaceae	ES

Order Vaucheriales

<input type="checkbox"/> <i>Vaucheria</i> sp.	yellow-green alga	Vaucheriaceae	ES
---	-------------------	---------------	----

CLASS BACILLARIOPHYCEAE (diatoms)

Order Centrales (centric diatoms)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Acanthoceras zachariasii</i>	centric diatom	Rhizosoleniaceae	ES
<input type="checkbox"/> <i>Actinocyclus normanii</i>	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Aulacoseira alpigena</i>	centric diatom	Melosiraceae	ES
<input type="checkbox"/> <i>Aulacoseira ambigua</i>	centric diatom	Melosiraceae	ES
<input type="checkbox"/> <i>Aulacoseira crassipunctata</i>	centric diatom	Melosiraceae	ES
<input type="checkbox"/> <i>Aulacoseira granulata</i>	centric diatom	Melosiraceae	ES
<input type="checkbox"/> <i>Aulacoseira granulata</i> var. <i>angustissima</i>	centric diatom	Melosiraceae	ES, LE
<input type="checkbox"/> <i>Aulacoseira islandica</i>	centric diatom	Melosiraceae	ES
<input type="checkbox"/> <i>Aulacoseira italica</i>	centric diatom	Melosiraceae	ES
<input type="checkbox"/> <i>Aulacoseira</i> spp.	centric diatoms	Melosiraceae	ES
<input type="checkbox"/> <i>Coscinodiscus</i> sp.	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Cyclostephanos invisitatus</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclostephanos tholiiformis</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclotella atomus</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclotella atomus</i> var. 1	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclotella meneghiniana</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclotella meneghiniana</i> var. 1	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclotella pseudostelligera</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclotella radiosa</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclotella stelligera</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Cyclotella</i> spp.	centric diatoms	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Melosira varians</i>	centric diatom	Melosiraceae	ES
<input type="checkbox"/> <i>Rhizosolenia eriensis</i>	centric diatom	Rhizosoleniaceae	ES
<input type="checkbox"/> <i>Skeletonema potamos</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Stephanodiscus alpinus</i>	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Stephanodiscus binderanus</i>	centric diatom	Coscinodiscaceae	ES, LE
<input type="checkbox"/> <i>Stephanodiscus hantzschii</i>	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Stephanodiscus minutulus</i>	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Stephanodiscus nipigonensis</i>	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Stephanodiscus parvus</i>	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Stephanodiscus rotula</i>	centric diatom	Coscinodiscaceae	CK, ES, LE
<input type="checkbox"/> <i>Stephanodiscus subtilis</i>	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Stephanodiscus</i> sp.	centric diatom	Coscinodiscaceae	ES
<input type="checkbox"/> <i>Thalassiosira pseudonana</i>	centric diatom	Thalassiososiraceae	ES
<input type="checkbox"/> <i>Thalassiosira weissflogii</i>	centric diatom	Thalassiososiraceae	ES

Order Pennales (pennate diatoms)

<input type="checkbox"/> <i>Achnanthes biasoletiana</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes clevei</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes conspicua</i>	pennate diatom	Achnantheaceae	CK
<input type="checkbox"/> <i>Achnanthes grischuna</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes hungarica</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes lanceolata</i>	pennate diatom	Achnantheaceae	CK, ES
<input type="checkbox"/> <i>Achnanthes lanceolata</i> ssp. <i>dubia</i>	pennate diatom	Achnantheaceae	CK, ES
<input type="checkbox"/> <i>Achnanthes lanceolata</i> ssp. <i>lanceolata</i>	pennate diatom	Achnantheaceae	CK, ES
<input type="checkbox"/> <i>Achnanthes lanceolata</i> ssp. 1. var. <i>boyei</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes laurenburgiana</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes minutissima</i>	pennate diatom	Achnantheaceae	CK, ES
<input type="checkbox"/> <i>Achnanthes minutissima</i> var. <i>gracillima</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes minutissima</i> var. <i>minutissima</i>	pennate diatom	Achnantheaceae	CK
<input type="checkbox"/> <i>Achnanthes minutissima</i> var. <i>saprophila</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes minutissima</i> var. 2	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Achnanthes</i> sp.	pennate diatom	Achnantheaceae	CK, ES
<input type="checkbox"/> <i>Amphilpleura pellucida</i>	pennate diatom	Naviculaceae	CK, ES
<input type="checkbox"/> <i>Amphora montana</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Amphora ovalis</i>	pennate diatom	Cymbellaceae	ES

Order Pennales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Amphora pediculus</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Amphora</i> sp.	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Anomoeoneis brachysira</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Anomoeoneis sphaerophora</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Asterionella formosa</i>	pennate diatom	Fragilariaceae	ES,LE
<input type="checkbox"/> <i>Caloneis amphisbaena</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Caloneis bacillum</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Caloneis clevei</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Caloneis molaris</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Caloneis schumanniana</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Caloneis thermalis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Cocconeis pediculus</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Cocconeis placentula</i>	pennate diatom	Achnantheaceae	CK,ES
<input type="checkbox"/> <i>Cocconeis placentula</i> var. <i>euglypta</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Cocconeis placentula</i> var. <i>lineata</i>	pennate diatom	Achnantheaceae	ES
<input type="checkbox"/> <i>Cylindrotheca gracilis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Cymatopleura elliptica</i>	pennate diatom	Surirellacea	CK
<input type="checkbox"/> <i>Cymatopleura solea</i>	pennate diatom	Surirellacea	ES
<input type="checkbox"/> <i>Cymbella affinis</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Cymbella caespitosa</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Cymbella microcephala</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Cymbella minuta</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Cymbella naviculiformis</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Cymbella prostrata</i>	pennate diatom	Cymbellaceae	CK
<input type="checkbox"/> <i>Cymbella silesiaca</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Cymbella triangulum</i>	pennate diatom	Cymbellaceae	LE
<input type="checkbox"/> <i>Cymbella tumida</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Cymbella tumidula</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Cymbella turgidula</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Denticula kuetzingii</i>	pennate diatom	Epithemiacea	ES
<input type="checkbox"/> <i>Diatoma vulgare</i> var. <i>distorta</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Diatoma mesodon</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Diatoma tenue</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Diatoma vulgare</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Entomoneis ornata</i>	pennate diatom	Naviculaceae	LE
<input type="checkbox"/> <i>Epithemia adnata</i>	pennate diatom	Epithemiacea	ES
<input type="checkbox"/> <i>Epithemia turgida</i>	pennate diatom	Epithemiacea	ES
<input type="checkbox"/> <i>Eunotia arcus</i> var. <i>bidens</i>	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Eunotia bilunaris</i> var. <i>bilunaris</i>	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Eunotia bilunaris</i> var. <i>mucophila</i>	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Eunotia denticulata</i>	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Eunotia diodon</i>	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Eunotia exigua</i>	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Eunotia formica</i>	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Eunotia pectinalis</i>	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Eunotia</i> sp.	pennate diatom	Eunotiaceae	ES
<input type="checkbox"/> <i>Fragilaria capucina</i>	pennate diatom	Fragilariaceae	CK,ES,LE
<input type="checkbox"/> <i>Fragilaria capucina</i> var. <i>gracilis</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria capucina</i> var. <i>radians</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria capucina</i> var. <i>rumpens</i>	pennate diatom	Fragilariaceae	CK,ES
<input type="checkbox"/> <i>Fragilaria capucina</i> var. <i>vaucheriae</i>	pennate diatom	Fragilariaceae	CK,ES
<input type="checkbox"/> <i>Fragilaria construens</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria construens</i> f. <i>venter</i>	pennate diatom	Fragilariaceae	CK,ES
<input type="checkbox"/> <i>Fragilaria crotonensis</i>	pennate diatom	Fragilariaceae	ES,LE
<input type="checkbox"/> <i>Fragilaria fasciculata</i>	pennate diatom	Fragilariaceae	CK,ES
<input type="checkbox"/> <i>Fragilaria leptostauron</i> var. <i>martyi</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria parasitica</i> var. <i>subconstricta</i>	pennate diatom	Fragilariaceae	ES

Order Pennales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Fragilaria pulchella</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria tenera</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria ulna</i>	pennate diatom	Fragilariaceae	CK,ES
<input type="checkbox"/> <i>Fragilaria ulna</i> var. <i>acus</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria ulna</i> var. <i>danica</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria ulna</i> var. <i>obtusa</i>	pennate diatom	Fragilariaceae	CK
<input type="checkbox"/> <i>Fragilaria ulna</i> var. <i>oxyrhynchus</i>	pennate diatom	Fragilariaceae	CK
<input type="checkbox"/> <i>Fragilaria ulna</i> var. 1	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Fragilaria virescens</i>	pennate diatom	Fragilariaceae	CK,ES
<input type="checkbox"/> <i>Frustulia rhomboides</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Frustulia vulgaris</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Gomphonema acuminatum</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema affine</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Gomphonema affine</i> var. <i>elongatum</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema amoenum</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema angustatum</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Gomphonema angustatum</i> var. <i>citera</i>	pennate diatom	Cymbellaceae	CK
<input type="checkbox"/> <i>Gomphonema a.</i> var. <i>sarcophogus</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema angustum</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Gomphonema augar</i> var. <i>spaerophorum</i>	pennate diatom	Cymbellaceae	CK
<input type="checkbox"/> <i>Gomphonema augur</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Gomphonema clavatum</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema clevei</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema dichotomum</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema gracile</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema minutum</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema minutum</i> f. <i>lamanense</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema olivaceum</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Gomphonema parvulum</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Gomphonema truncatum</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema truncatum</i> var. <i>elongata</i>	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gomphonema</i> sp.	pennate diatom	Cymbellaceae	ES
<input type="checkbox"/> <i>Gyrosigma acuminatum</i>	pennate diatom	Naviculaceae	CK
<input type="checkbox"/> <i>Gyrosigma attenuatum</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Gyrosigma exilis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Gyrosigma scalproides</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Gyrosigma</i> sp.	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Hantzschia amphioxys</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Meridion circulare</i>	pennate diatom	Fragilariaceae	CK,ES
<input type="checkbox"/> <i>Meridion circulare</i> var. <i>constrictum</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Navicula absoluta</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula agnita</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula arvensis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula atomus</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula atomus</i> var. <i>permitis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula bacillum</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula bahusiensis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula capitata</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula capitata</i> var. <i>capitata</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula capitatoradiata</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula cincta</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula confervacea</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula contenta</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula cryptocephala</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula cryptotenella</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula cuspidata</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula decussis</i>	pennate diatom	Naviculaceae	CK,ES

Order Pennales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Navicula elginensis</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula erifuga</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula goeppertiana</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula goeppertiana</i> var. <i>goeppertiana</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula goeppertiana</i> var. <i>monita</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula gregaria</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula grunowii</i> var. 1	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula halophila</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula heimansii</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula hustedtii</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula ingenua</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula insocibilis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula integra</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula lanceolata</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula menisculus</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula menisculus</i> var. <i>grunowii</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula menisculus</i> var. <i>upsaliensis</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula minima</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula minima</i> var. <i>pseudofossalis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula minusculoides</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula molestiformis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula monoculata</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula mutica</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula mutica</i> var. <i>ventricosa</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula pelliculosa</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula praeterita</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula pseudolanceolata</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula pupula</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula pupula</i> var. <i>aquaeductae</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula pupula</i> var. <i>rectangularis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula pygmaea</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula radiosia</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula recens</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula rhyngocephala</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula salinarum</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula saprophila</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula schroeterii</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula seminulum</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula similis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula splendidula</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula subminuscula</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula submolesta</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula tenelloides</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula tenera</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula tripunctata</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula tripunctata</i> var. <i>schizonemoides</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula trivialis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula vaucherie</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula veneta</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula viridula</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula viridula</i> var. <i>germainii</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula viridula</i> var. <i>rostellata</i>	pennate diatom	Naviculaceae	CK,ES
<input type="checkbox"/> <i>Navicula viridula</i> var. 1	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Navicula</i> spp.	pennate diatoms	Naviculaceae	ES
<input type="checkbox"/> <i>Nedium affine</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Nedium dubium</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Nitzschia acicularis</i>	pennate diatom	Nitzschiacea	ES

Order Pennales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Nitzschia acidoclinata</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia acuminata</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia admissoides</i>	pennate diatom	Nitzschiacea	CK
<input type="checkbox"/> <i>Nitzschia agnita</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia amphibia</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia angustata</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia angustatula</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia angustiforaminata</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia bita?</i>	pennate diatom	Nitzschiacea	CK
<input type="checkbox"/> <i>Nitzschia brevissima</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia capitellata</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia clausii</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia closterium</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia communis</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia commutatoides</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia compressa</i> var. <i>vexans</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia constricta</i>	pennate diatom	Nitzschiacea	CK
<input type="checkbox"/> <i>Nitzschia dissipata</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia dissipata</i> var. <i>media</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia dubia</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia filiformis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia fonticola</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia frustulum</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia frustulum</i> var. <i>perpusilla</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia fruticosa</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia gracilis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia hantzschiana</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia hungarica</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia inconspicua</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia intermedia</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia levidensis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia linearis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia linearis</i> var. <i>subtilis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia littoralis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia microcephala</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia nereidis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia palea</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia palea</i> var. <i>minuta</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia paleacea</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia parvula</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia perspicua</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia plana</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia pusilla</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia recta</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia reversa</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia sigma</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia sigmoidea</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia sinuata</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia sinuata</i> var. <i>tabellaria</i>	pennate diatom	Nitzschiacea	CK,ES
<input type="checkbox"/> <i>Nitzschia sociabilis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia solita</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia spiculum</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia stricta</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia subacicularis</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia supralitorea</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia tropica</i>	pennate diatom	Nitzschiacea	ES
<input type="checkbox"/> <i>Nitzschia tryblionella</i>	pennate diatom	Nitzschiacea	ES

Order Pennales (continued)	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Nitzschia tubicola</i>	pennate diatom	Nitzschiaceae	ES
<input type="checkbox"/> <i>Nitzschia valga</i>	pennate diatom	Nitzschiaceae	ES
<input type="checkbox"/> <i>Pinnularia abaujensis</i> var. <i>rostrata</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia borealis</i>	pennate diatom	Naviculaceae	LE
<input type="checkbox"/> <i>Pinnularia intermedia</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia microstauron</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia microstauron</i> var. <i>brebissonii</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia microstauron</i> var. <i>b. f. diminuta</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia nodosa</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia obscura</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia stomatophora</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia viridis</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pinnularia</i> sp.	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Plagiotropis lepidoptera</i> var. <i>probosidea</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Pleurosigma delicatulum</i>	pennate diatom	Naviculaceae	CK
<input type="checkbox"/> <i>Reimeria sinuata</i>	pennate diatom	Cymbellaceae	CK,ES
<input type="checkbox"/> <i>Rhoicosphenia abbreviata</i>	pennate diatom	Achnanthaceae	CK,ES
<input type="checkbox"/> <i>Stauroneis anceps</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Stauroneis kriegeri</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Stauroneis phoenicenteron</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Stauroneis smithii</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Stauroneis thermicola</i>	pennate diatom	Naviculaceae	ES
<input type="checkbox"/> <i>Surirella angusta</i>	pennate diatom	Surirellaceae	ES
<input type="checkbox"/> <i>Surirella brebissonii</i> var. <i>kuetzingii</i>	pennate diatom	Surirellaceae	ES
<input type="checkbox"/> <i>Surirella minuta</i>	pennate diatom	Surirellaceae	CK,ES
<input type="checkbox"/> <i>Surirella ovalis</i>	pennate diatom	Surirellaceae	ES
<input type="checkbox"/> <i>Surirella suecica</i>	pennate diatom	Surirellaceae	ES
<input type="checkbox"/> <i>Surirella tenera</i>	pennate diatom	Surirellaceae	ES
<input type="checkbox"/> <i>Surirella turgida</i>	pennate diatom	Surirellaceae	ES
<input type="checkbox"/> <i>Tabellaria fenestrata</i>	pennate diatom	Fragilariaceae	ES
<input type="checkbox"/> <i>Tabellaria</i> sp.	pennate diatom	Fragilariaceae	ES

DIVISION PYRRHOPHYTA (fire algae)

CLASS DINOPHYCEAE (dinoflagellates)

Order Gymnodiniales

<input type="checkbox"/> <i>Gymnodinium aeruginosum</i>	dinoflagellate	Gymnodiniaceae	ES
<input type="checkbox"/> <i>Gymnodinium helveticum</i>	dinoflagellate	Gymnodiniaceae	ES
<input type="checkbox"/> <i>Gymnodinium palustre</i>	dinoflagellate	Gymnodiniaceae	ES
<input type="checkbox"/> <i>Gymnodinium</i> spp.	dinoflagellates	Gymnodiniaceae	CK,ES
<input type="checkbox"/> <i>Katodinium fungiforme</i>	dinoflagellate	Gymnodiniaceae	ES

Order Peridiniales

<input type="checkbox"/> <i>Ceratium hirundinella</i>	dinoflagellate	Ceratiaceae	ES,LE
<input type="checkbox"/> <i>Ceratium</i> sp.	dinoflagellate	Ceratiaceae	ES
<input type="checkbox"/> <i>Glenodinium</i> sp.	dinoflagellate	Peridiniaceae	ES
<input type="checkbox"/> <i>Perdiniopsis quadridens</i>	dinoflagellate	Peridiniaceae	ES
<input type="checkbox"/> <i>Woloszynskia coronata</i>	dinoflagellate	Lophodiniaceae	ES

DIVISION CRYPTOPHYTA (cryptomonads)

CLASS CRYPTOPHYCEAE

Order Cryptomonadales

<input type="checkbox"/> <i>Chilomonas</i> sp.	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Chroomonas norstedtii</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Chroomonas</i> sp.	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cryptomonas compressa</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cryptomonas erosa</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cryptomonas erosa</i> var. <i>reflexa</i>	cryptomonad	Cryptomonadaceae	CK
<input type="checkbox"/> <i>Cryptomonas marssonii</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cryptomonas obovata</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cryptomonas ovata</i>	cryptomonad	Cryptomonadaceae	ES

Order Cryptomonadales (continued)	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Cryptomonas reflexa</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cryptomonas tenuis</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cryptomonas tetrapyrenoidosa</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cryptomonas</i> spp.	cryptomonads	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Cyathomonas truncata</i>	cryptomonad	Cyathomonadaceae	ES
<input type="checkbox"/> <i>Cyathomonas</i> sp.	cryptomonad	Cyathomonadaceae	ES
<input type="checkbox"/> <i>Planonephros parvula</i>	cryptomonad	Hemiselmidaceae	ES
<input type="checkbox"/> <i>Rhodomonas lacustris</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Rhodomonas lens</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Rhodomonas minuta</i>	cryptomonad	Cryptomonadaceae	ES
<input type="checkbox"/> <i>Rhodomonas</i> m. var. <i>nannoplanctonica</i>	cryptomonad	Cryptomonadaceae	ES,LE
<input type="checkbox"/> <i>Rhodomonas</i> spp.	cryptomonads	Cryptomonadaceae	CK,ES

DIVISION EUGLENOPHYTA (euglenoids)

CLASS EUGLENOPHYCEAE

Order Euglenales (green euglenas)

<input type="checkbox"/> <i>Ascoglena vaginicola</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Ascoglena</i> sp.	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Astasia klebsii</i>	euglenoid	Astaciaceae	ES
<input type="checkbox"/> <i>Astasia</i> spp.	euglenoids	Astaciaceae	ES
<input type="checkbox"/> <i>Euglena acus</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena bellovacensis</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena deses</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena ehrenbergii</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena elastica</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena fronsundulata</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena gasterosteus</i>	euglenoid	Euglenaceae	CK,ES
<input type="checkbox"/> <i>Euglena gracilis</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena ignobilis</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena minima</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena oxyuris</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena oxyuris</i> var. <i>minima</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena oxyuris</i> var. <i>minor</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena pisciformis</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena proxima</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena spathirhyncha</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena spirogyra</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena tripteris</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena vermiciformis</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Euglena</i> spp.	euglenoids	Euglenaceae	CK,ES
<input type="checkbox"/> <i>Lepocinclis ovum</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Lepocinclis ovum</i> f. <i>typica</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Lepocinclis ovum</i> var. <i>deflandriana</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Lepocinclis ovum</i> var. <i>dimidio-minor</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Lepocinclis ovum</i> var. <i>ovata</i> f. <i>ecaudata</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Lepocinclis texta</i> f. <i>minor</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Lepocinclis</i> spp.	euglenoids	Euglenaceae	CK,ES
<input type="checkbox"/> <i>Phacus acuminatus</i>	euglenoid	Euglenaceae	CK,ES
<input type="checkbox"/> <i>Phacus arnoldi</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus caudatus</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus contortus</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus curvicauda</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus helikoides</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus longicauda</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus obicularis</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus pleuronectes</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus pseudonordstedii</i>	euglenoid	Euglenaceae	ES

Order Euglenales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Phacus rudicola</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus tortus</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus triquetus</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Phacus</i> sp.	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Scytomonas</i> sp.	euglenoid	Astaciaceae	ES
<input type="checkbox"/> <i>Strombomonas acuminata</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Strombomonas fluviatilis</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Strombomonas gibberosa</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Strombomonas longicauda</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Strombomonas schauinslandii</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Strombomonas verrucosa</i> var. <i>zmiewika</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Strombomonas</i> sp.	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas abrupta</i> var. <i>minor</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas armata</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas bulla</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas crebea</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas granulosa</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas hispida</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas horrida</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas lacustris</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas oblonga</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas oblonga</i> var. <i>attenuata</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas oblonga</i> var. <i>truncata</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas</i> o. var. <i>umbilicophora</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas planctonica</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas scabra</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas spiralis</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas superba</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas varians</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas volvocina</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas volvocina</i> var. <i>minuta</i>	euglenoid	Euglenaceae	ES
<input type="checkbox"/> <i>Trachelomonas</i> spp.	euglenoids	Euglenaceae	ES
<input type="checkbox"/> <i>Urceolus ovatus</i>	euglenoid	Astaciaceae	ES
<input type="checkbox"/> <i>Urceolus sabulosus</i>	euglenoid	Astaciaceae	ES
Order Rhabdomonadales			
<input type="checkbox"/> <i>Menoidium gibbum</i>	euglenoid	Rhabdomonaceae	ES
<input type="checkbox"/> <i>Rhabdomonas</i> sp.	euglenoid	Rhabdomonaceae	ES

DIVISION CHLOROPHYTA (green algae)

CLASS CHLOROPHYCEAE

Order Volvocales

<input type="checkbox"/> <i>Carteria bourrellyi</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Carteria globosa</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Carteria wisconsinensis</i>	green alga	Chlamydomonadaceae	CK,ES
<input type="checkbox"/> <i>Carteria</i> sp.	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Chlamydomonas globosa</i>	green alga	Chlamydomonadaceae	CK,ES
<input type="checkbox"/> <i>Chlamydomonas gracilis</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Chlamydomonas monadina</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Chlamydomonas reinhardtii</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Chlamydomonas subasymmetrica</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Chlamydomonas</i> spp.	green algae	Chlamydomonadaceae	CK,ES,LE
<input type="checkbox"/> <i>Chlamydonephris excavata</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Chlorogonium elongatum</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Chlorogonium euchlorum</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Chlorogonium hyalinum</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Eudorina elegans</i>	green alga	Volvocaceae	LE
<input type="checkbox"/> <i>Haematococcus pluvialis</i>	green alga	Chlamydomonadaceae	ES
<input type="checkbox"/> <i>Pandorinamorum</i>	green alga	Volvocaceae	ES

Order Chlorococcales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Monoraphidium contortum</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Monoraphidium c. var. convolutum</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Monoraphidium griffithii</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Monoraphidium komarkovae</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Monoraphidium mirabile</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Monoraphidium sp.</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Neodesmus danubialis</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Nephrochlamys subsolitaria</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Nephrochlamys spp.</i>	green algae	Oocystaceae	ES
<input type="checkbox"/> <i>Oocystis lacustris</i>	green alga	Oocystaceae	ES, LE
<input type="checkbox"/> <i>Oocystis novae-semlicae</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Oocystis parva</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Oocystis pusilla</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Oocystis sp.</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Pediastrum boryanum</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum duplex</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum duplex var. duplex</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum duplex var. reticulatum</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum simplex</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum simplex var. biwaense</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum simplex var. echinulatum</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum simplex var. sturmii</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum tetras</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum tetras var. tetradon</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Pediastrum sp.</i>	green alga	Hydrodictyceae	ES
<input type="checkbox"/> <i>Quadrigula closteroides</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Quadrigula lacustris</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Scenedesmus acuminatus</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus acuminatus var. minor</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus armatus</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus bicaudatus</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus bijuga</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus bijuga var. alternans</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus brevispina</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus denticulatus</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus dimorphus</i>	green alga	Scenedesmaceae	CK, ES
<input type="checkbox"/> <i>Scenedesmus hystrix</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus longispina</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus opoliensis</i>	green alga	Scenedesmaceae	CK, ES
<input type="checkbox"/> <i>Scenedesmus quadricauda</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus quadricauda var. longispina</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus sempervirens</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus serratus</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus smithii</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus sooi?</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus subspicatus</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus verrucosus</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Scenedesmus spp.</i>	green algae	Scenedesmaceae	CK, ES
<input type="checkbox"/> <i>Schroederia indica</i>	green alga	Chlorococcaceae	LE
<input type="checkbox"/> <i>Schroederia robusta</i>	green alga	Chlorococcaceae	ES
<input type="checkbox"/> <i>Schroederia setigera</i>	green alga	Chlorococcaceae	ES
<input type="checkbox"/> <i>Schroederia spiralis</i>	green alga	Chlorococcaceae	ES
<input type="checkbox"/> <i>Selenastrum capricornutum</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Selenastrum sp.</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Tetraedron caudatum</i>	green alga	Chlorococcaceae	ES
<input type="checkbox"/> <i>Tetraedron incus</i>	green alga	Chlorococcaceae	ES
<input type="checkbox"/> <i>Tetraedron minimum</i>	green alga	Chlorococcaceae	CK, ES

Order Chlorococcales (continued)	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Tetraedron muticum</i>	green alga	Chlorococcaceae	ES
<input type="checkbox"/> <i>Tetraedron regulare</i>	green alga	Chlorococcaceae	ES
<input type="checkbox"/> <i>Tetraedron trigonum</i> var. <i>gracile</i>	green alga	Chlorococcaceae	ES
<input type="checkbox"/> <i>Tetrastrum elegans</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Tetrastrum glabrum</i>	green alga	Scenedesmaceae	CK,ES
<input type="checkbox"/> <i>Tetrastrum heteracanthum</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Tetrastrum heteracanthum</i> (<i>elegans</i> f.)	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Tetrastrum punctatum</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Tetrastrum staurogeniaeforme</i>	green alga	Scenedesmaceae	ES
<input type="checkbox"/> <i>Treubaria quadrispina</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Treubaria schmidlei</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Treubaria triappendiculata</i>	green alga	Oocystaceae	ES
<input type="checkbox"/> <i>Willea irregularis</i>	green alga	Scenedesmaceae	ES
Order Oedogoniales			
<input type="checkbox"/> <i>Oedogonium</i> sp.	green alga	Oedogoniaceae	ES
Order Chaetophorales			
<input type="checkbox"/> <i>Desmococcus olivaceus</i>	green alga	Chaetophoraceae	CK
<input type="checkbox"/> <i>Draparnaldia glomerata</i>	green alga	Chaetophoraceae	CK,ES
<input type="checkbox"/> <i>Stigeoclonium farctum</i>	green alga	Chaetophoraceae	ES
<input type="checkbox"/> <i>Stigeoclonium</i> sp.	green alga	Chaetophoraceae	ES
<input type="checkbox"/> <i>Stigeoclonium tenue</i>	green alga	Chaetophoraceae	ES
Order Ulotrichales			
<input type="checkbox"/> <i>Microspora</i> sp.	green alga	Microsporaceae	ES
<input type="checkbox"/> <i>Microspora stagnorum</i>	green alga	Microsporaceae	ES
<input type="checkbox"/> <i>Radiofilum conjunctivum</i>	green alga	Ulotrichaceae	CK
<input type="checkbox"/> <i>Ulothrix</i> sp.	green alga	Ulotrichaceae	ES
<input type="checkbox"/> <i>Ulothrix tenerrima</i>	green alga	Ulotrichaceae	CK
<input type="checkbox"/> <i>Ulothrix tenuissima</i>	green alga	Ulotrichaceae	CK
Order Cladophorales			
<input type="checkbox"/> <i>Cladophora glomerata</i>	green alga	Cladophoraceae	ES,LE
<input type="checkbox"/> <i>Rhizoclonium hieroglyphicum</i>	green alga	Cladophoraceae	CK
Order Zygnematales			
<input type="checkbox"/> <i>Closterium aciculare</i> var. <i>aciculare</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Closterium acutum</i> var. <i>acutum</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Closterium acutum</i> var. <i>variabile</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Closterium gracile</i> var. <i>gracile</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Closterium intermedium</i>	green alga, desmid	Desmidiaceae	CK
<input type="checkbox"/> <i>Closterium limneticum</i> var. <i>limneticum</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Closterium macilentum</i> var. <i>macilentum</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Closterium moniliferum</i> var. <i>moniliferum</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Closterium</i> spp.	green algae, desmids	Desmidiaceae	ES
<input type="checkbox"/> <i>Cosmarium formosulum</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Cosmarium granatum</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Cosmarium granatum</i> var. <i>granatum</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Cosmarium granulatum?</i>	green alga, desmid	Desmidiaceae	ES
<input type="checkbox"/> <i>Cosmarium</i> spp.	green algae, desmids	Desmidiaceae	ES
<input type="checkbox"/> <i>Mougeotia</i> sp.	green alga	Zygnemataceae	ES
<input type="checkbox"/> <i>Spirogyra</i> sp.	green alga	Zygnemataceae	CK,ES
<input type="checkbox"/> <i>Staurastrum gracile</i>	green alga, desmid	Desmidiaceae	ES

KINGDOM FUNGI

DIVISION MYXOMYCOTA (mucus molds)
 CLASS MYXOMYCETES (true slime molds)

Order	COMMON NAME	FAMILY	LOCATION
Order Physarales (physar slimes)			
<input type="checkbox"/> <i>Badhamia affinis</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Craterium minimum</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Diderma crustaceum</i>	slime mold	Didymiaceae	RE
<input type="checkbox"/> <i>Diderma hemisphericum</i>	slime mold	Didymiaceae	RE
<input type="checkbox"/> <i>Diderma reticulatum</i>	slime mold	Didymiaceae	RE
<input type="checkbox"/> <i>Didymium crustaceum</i>	slime mold	Didymiaceae	RE
<input type="checkbox"/> <i>Didymium iridis</i>	slime mold	Didymiaceae	RE
<input type="checkbox"/> <i>Didymium melanospermum</i>	slime mold	Didymiaceae	RE
<input type="checkbox"/> <i>Didymium squamulosum</i>	slime mold	Didymiaceae	RE
<input type="checkbox"/> <i>Fuligo cinerea</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Fuligo violacea</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Mucilago spongiosa</i>	slime mold	Didymiaceae	RE
<input type="checkbox"/> <i>Physarella oblonga</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Physarum nutans</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Physarum vernum</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Physarum viride</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Physarum viride</i> var. <i>incanum</i>	slime mold	Physaraceae	RE
<input type="checkbox"/> <i>Tilmadoche alba</i>	slime mold	Physaraceae	RE
Order Liceales (lice slimes)			
<input type="checkbox"/> <i>Cribraria intricata</i>	slime mold	Cribrariaceae	RE
<input type="checkbox"/> <i>Dictydium cancellatum</i>	Japanese-lantern slime	Cribrariaceae	RE
<input type="checkbox"/> <i>Lindbladia tubulina</i>	slime mold	Cribrariaceae	RE
<input type="checkbox"/> <i>Lycogala epidendrum</i>	wolf's-milk slime	Reticulariaceae	RE
<input type="checkbox"/> <i>Lycogala flavo-fuscum</i>	slime mold	Reticulariaceae	RE
<input type="checkbox"/> <i>Reticularia splendens</i>	slime mold	Reticulariaceae	RE
<input type="checkbox"/> <i>Tubifera ferruginosa</i>	red raspberry slime	Reticulariaceae	RE
<input type="checkbox"/> <i>Tubifera microsperma</i>	slime mold	Reticulariaceae	RE
Order Trichiales (trichi slimes)			
<input type="checkbox"/> <i>Acryodes incarnata</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Arcyria cinerea</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Arcyria denudata</i>	carnival candy slime	Trichiaceae	RE
<input type="checkbox"/> <i>Arcyria incarnata</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Arcyria nutans</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Calonema aureum</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Hemitrichia clavata</i>	yellow-fuzz cone slime	Trichiaceae	RE
<input type="checkbox"/> <i>Hemitrichia intorta</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Hemitrichia stipitata</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Hemitrichia vesparium</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Lachnobolus globosus</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Ophiotheca wrightii</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Perichæna quadrata</i>	slime mold	Trichiaceae	RE
<input type="checkbox"/> <i>Trichia inconspicua</i>	slime mold	Trichiaceae	RE
Order Stemonitales (stemonit slimes)			
<input type="checkbox"/> <i>Comatichia laxa</i>	slime mold	Stemonitaceae	RE
<input type="checkbox"/> <i>Comatichia pulchella</i>	slime mold	Stemonitaceae	RE
<input type="checkbox"/> <i>Comatricha stemonitis</i>	slime mold	Stemonitaceae	RE
<input type="checkbox"/> <i>Diachea leucopodia</i>	white-footed slime	Stemonitaceae	RE
<input type="checkbox"/> <i>Lamproderma arcyronema</i>	slime mold	Stemonitaceae	RE
<input type="checkbox"/> <i>Stemonitis fenestrata</i>	slime mold	Stemonitaceae	RE
<input type="checkbox"/> <i>Stemonitis fusca</i>	slime mold	Stemonitaceae	RE
<input type="checkbox"/> <i>Stemonitis herbatica</i>	slime mold	Stemonitaceae	RE
<input type="checkbox"/> <i>Stemonitis maxima</i>	slime mold	Stemonitaceae	RE
<input type="checkbox"/> <i>Stemonitis smithii</i>	slime mold	Stemonitaceae	RE

DIVISION PHYCOMYCOTA (algal fungi)
CLASS CHYTRIDIOMYCETES (chytrids)

	COMMON NAME	FAMILY	LOCATION
Order Chytridiales			
<input type="checkbox"/> <i>Entophlyctis aurea</i>	water mold	Phlyctidiaceae	LE, RE
<input type="checkbox"/> <i>Rozella allomycis</i>	water mold	Olpidiaceae	LE, RE
<input type="checkbox"/> <i>Synchytrium decipiens</i>	water mold	Synchytriaceae	LE, RE
Order Blastocladales			
<input type="checkbox"/> <i>Allomyces arbuscula</i>	water mold	Blastocladiaceae	LE, RE
<input type="checkbox"/> <i>Blastocladia globosa</i>	water mold	Blastocladiaceae	LE, RE
<input type="checkbox"/> <i>Blastocladia pringsheimii</i>	water mold	Blastocladiaceae	LE, RE
<input type="checkbox"/> <i>Blastocladia ramosa</i>	water mold	Blastocladiaceae	LE, RE
<input type="checkbox"/> <i>Blastocladia simplex</i>	water mold	Blastocladiaceae	LE, RE
<input type="checkbox"/> <i>Blastocladia tenuis</i>	water mold	Blastocladiaceae	LE, RE
Order Monoblepharidales			
<input type="checkbox"/> <i>Gonapodya prolifera</i>	water mold	Gonapodyaceae	LE, RE
<input type="checkbox"/> <i>Monoblepharis</i> sp.	water mold	Monoblepharidaceae	LE, RE

CLASS OOMYCETES (egg fungi)

Order Saprolegniaceae			
<input type="checkbox"/> <i>Achlya americana</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya bisexualis</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya debaryana</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya dubia</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya flagellata</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya klebsiana</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya polyandra</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya prolifera</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya proliferoides</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya rodrigueziana</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Achlya</i> sp.	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Aphanomyces euteiches</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Aphanomyces laevis</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Aphanomyces scaber</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Aphanomyces</i> sp.	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Dictyuchus anomalus</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Dictyuchus missouriensis</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Dictyuchus monosporus</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Dictyuchus pseudodictyon</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Dictyuchus</i> sp.	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Geolegnia inflata</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Isoachlya</i> sp.?	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Leptolegnia subterranea</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Protoachlya paradoxa</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Saprolegnia diclina</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Saprolegnia ferax</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Saprolegnia monoica</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Saprolegnia parasitica</i>	water mold	Saprolegniaceae	LE, RE
<input type="checkbox"/> <i>Saprolegnia</i> sp.	water mold	Saprolegniaceae	LE, RE
Order Leptomitales			
<input type="checkbox"/> <i>Apodachlya brachynema</i>	water mold	Leptomitaceae	LE, RE
Order Lagenidales			
<input type="checkbox"/> <i>Olpidiopsis saprolegniae</i>	water mold	Olpidiopsidaceae	LE, RE
<input type="checkbox"/> <i>Olpidiopsis varians</i>	water mold	Olpidiopsidaceae	LE, RE
Order Peronosporales (downy mildews)			
<input type="checkbox"/> <i>Cystopus bliti</i>	downy mildew	Peronosporaceae	RE
<input type="checkbox"/> <i>Cystopus candidus</i>	downy mildew	Peronosporaceae	RE
<input type="checkbox"/> <i>Peronospora geranii</i>	downy mildew	Peronosporaceae	RE
<input type="checkbox"/> <i>Peronospora parasitica</i>	downy mildew	Peronosporaceae	RE
<input type="checkbox"/> <i>Phytophthora cactorum</i>	crown rot	Pythiaceae	CK

Order Peronosporales (continued)	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Phytophthora undulatum</i>	downy mildew	Pythiaceae	LE,RE
<input type="checkbox"/> <i>Plasmopara sordida</i>	downy mildew	Peronosporaceae	RE
<input type="checkbox"/> <i>Plasmopara viticola</i>	downy mildew of grape	Peronosporaceae	CK,ES,RE
<input type="checkbox"/> <i>Pythium aphanidermatum</i>	downy mildew	Pythiaceae	LE,RE
<input type="checkbox"/> <i>Pythium cystosiphon?</i>	downy mildew	Pythiaceae	LE,RE
<input type="checkbox"/> <i>Pythium debaryanum</i>	downy mildew	Pythiaceae	LE,RE
<input type="checkbox"/> <i>Pythium proliferum</i>	downy mildew	Pythiaceae	LE,RE
<input type="checkbox"/> <i>Pythium pulchrum</i>	downy mildew	Pythiaceae	LE,RE
<input type="checkbox"/> <i>Pythium</i> sp.	downy mildew	Pythiaceae	LE,RE
<input type="checkbox"/> <i>Pythium ultimum</i>	downy mildew	Pythiaceae	LE,RE

CLASS ZYGOMYCETES (pair fungi)

Order Entomophthorales

<input type="checkbox"/> <i>Empusa grylli</i>	mold	Entomophthoraceae	RE
---	------	-------------------	----

Order Mucorales

<input type="checkbox"/> <i>Mucor stolonifer</i>	mold	Mucoraceae	RE
<input type="checkbox"/> <i>Rhizopus</i> sp.	bread mold	Mucoraceae	CK

DIVISION ASCOMYCOTA (ascomycetes or bladder fungi)

CLASS HEMIASCOMYCETES (yeasts)

Order Protomycetales

<input type="checkbox"/> <i>Taphrina communis</i>	plum pockets	Protomycetaceae	CK
<input type="checkbox"/> <i>Taphrina deformans</i>	peach leaf curl	Protomycetaceae	CK

CLASS LOCULOASCOMYCETES (rots & scabs)

Order Myriangiiales

<input type="checkbox"/> <i>Elsinoë corni</i>	dogwood anthracnose	Elsinoëaceae	CK
---	---------------------	--------------	----

Order Dothideales

<input type="checkbox"/> <i>Botryosphaeria dothidea</i>	white apple rot	Dothioraceae	CK
<input type="checkbox"/> <i>Botryosphaeria obtusa</i>	black apple rot	Dothioraceae	CK
<input type="checkbox"/> dothidean spp.	pear sooty molds	Dothideaceae	CK
<input type="checkbox"/> <i>Mycosphaerella fragariae</i>	strawberry leaf spot	Dothideaceae	CK
<input type="checkbox"/> <i>Plowrightia morbosa</i>	rot	Dothideaceae	RE

Order Pleosporales

<input type="checkbox"/> <i>Apiosporina morbosa</i>	black knot	Venturiaceae	CK
<input type="checkbox"/> <i>Venturia crataegi</i>	apple scab	Venturiaceae	CK
<input type="checkbox"/> <i>Venturia pyrina</i>	pear scab	Venturiaceae	CK

CLASS PLECTOMYCETES (ascomolds)

Order Eurotiales

<input type="checkbox"/> <i>Aspergillus herbariorum</i>	mold	Trichocomaceae	RE
<input type="checkbox"/> <i>Aspergillus niger</i>	mold	Trichocomaceae	RE
<input type="checkbox"/> <i>Ophiostoma ulmi</i>	Dutch elm disease	Ophiostomataceae	CK
<input type="checkbox"/> <i>Penicillium crustaceum</i>	mold	Trichocomaceae	RE
<input type="checkbox"/> <i>Penicillium</i> sp.	blue mold	Trichocomaceae	CK

CLASS PYRENOMYCETES (flask fungi)

Order Erysiphales (Powdery Mildews)

<input type="checkbox"/> <i>Erysiphe cichoracearum</i>	powdery mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Erysiphe communis</i>	powdery mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Erysiphe montagnei</i>	powdery mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Erysiphe polygoni</i>	black locust powdery mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Microsphaera alni</i>	lilac powdery mildew	Erysiphaceae	CK,RE
<input type="checkbox"/> <i>Microsphaera diffusa</i>	powdery mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Microsphaera ravenellii</i>	powdery mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Microsphaera viburni</i>	powdery mildew	Erysiphaceae	CK
<input type="checkbox"/> <i>Phyllactinia corylea</i>	tree powdery mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Podosphaera leucotricha</i>	apple powdery mildew	Erysiphaceae	CK
<input type="checkbox"/> <i>Podosphaera oxyacanthæ</i>	powdery mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Sphærotheca castagnei</i>	downy mildew	Erysiphaceae	RE
<input type="checkbox"/> <i>Uncinula necator</i>	grape powdery mildew	Erysiphaceae	CK

	COMMON NAME	FAMILY	LOCATION
Order Xylariales (flask fungi)			
<input type="checkbox"/> <i>Daldinia cingulata</i>	zoned black fungus	Xylariaceae	RE
<input type="checkbox"/> <i>Hypoxyton</i> sp.	wood-wart	Xylariaceae	RE
<input type="checkbox"/> <i>Xylaria digitata</i>	finger fungus	Xylariaceae	RE
<input type="checkbox"/> <i>Xylaria polymorpha</i>	dead man's fingers	Xylariaceae	RE
Order Diaporthales (flask fungi)			
<input type="checkbox"/> <i>Apiognomonia veneta</i>	sycamore anthracnose	Diaporthaceae	CK
<input type="checkbox"/> <i>Cryphonectria parasitica</i>	chestnut blight	Diaporthaceae	CK
<input type="checkbox"/> <i>Diaporthe ailanthi</i>	flask fungus	Diaporthaceae	RE
<input type="checkbox"/> <i>Glomerella cingulata</i>	apple bitter rot	Diaporthaceae	CK
<input type="checkbox"/> <i>Guignardia bidwellii</i>	grape black rot	Diaporthaceae	CK,RE
Order Hypocreales			
<input type="checkbox"/> <i>Leucostoma</i> sp.	peach canker	Hypocreaceae	CK
<input type="checkbox"/> <i>Nectria galligena</i>	nectria canker	Hypocreaceae	CK
Order Clavicipitales (flask fungi)			
<input type="checkbox"/> <i>Claviceps purpurea</i>	ergot claviceps	Clavicipitaceae	RE
<input type="checkbox"/> <i>Cordyceps militaris</i>	military orange caterpillar fungus	Clavicipitaceae	RE
CLASS DISCOMYCETES (disc fungi)			
Order Phacidiales			
<input type="checkbox"/> <i>Rhytisma</i> sp.	maple tar spot	Rhytismataceae	CK
Order Helotiales (earth tongues)			
<input type="checkbox"/> <i>Blumeriella jaapii</i>	cherry leaf spot	Dermateaceae	CK
<input type="checkbox"/> <i>Monilinia fructicola</i>	stone fruits brown rot	Sclerotiniaceae	CK
<input type="checkbox"/> <i>Pseudopeziza medicaginis</i>	leaf spot	Dermateaceae	RE
<input type="checkbox"/> <i>Sclerotinia fructigena</i>	rind rot	Sclerotiniaceae	ES
Order Pezizales (cup fungi and allies)			
<input type="checkbox"/> <i>Aleuria aurantia</i>	orange peel fungus	Aleuriaceae	CK
<input type="checkbox"/> <i>Lachnea scutellata</i>	patella	Pezizaceae	RE
<input type="checkbox"/> <i>Macropodia semitosta</i>	paxina	Pezizaceae	RE
<input type="checkbox"/> <i>Morchella esculenta</i>	common morel	Morchellaceae	CK
<input type="checkbox"/> <i>Patella setosa</i>	cup fungus	Pezizaceae	CK
DIVISION BASIDIOMYCOTA (basidiomycetes or small base fungi)			
CLASS TELIOMYCETES (rust and smut fungi)			
Order Uredinales (rust fungi)			
<input type="checkbox"/> <i>Aecidium cimicifugatum</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Aecidium compositatum</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Aecidium fraxini</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Aecidium grossulariæ</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Aecidium impatientis</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Aecidium nesææ</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Aecidium oenotheræ</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Aecidium pammellii</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Aecidium pustulatum</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Allodus podophylli</i>	May-apple rust	Pucciniaceae	CK
<input type="checkbox"/> <i>Coleosporium sonchi-arvensis</i>	rust	Melampsoraceae	RE
<input type="checkbox"/> <i>Gymnoconia peckiana</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Gymnoconia</i> sp.	orange rust	Pucciniaceae	CK
<input type="checkbox"/> <i>Gymnosporangium globosum</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Gymnosporangium juniperi-virginianae</i>	cedar-apple rust	Pucciniaceae	CK
<input type="checkbox"/> <i>Gymnosporangium nidus-avis</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Kunkelia nitens</i>	blackberry rust	Pucciniaceae	CK
<input type="checkbox"/> <i>Melampsora salicis-capreæ</i>	melampsora rust	Melampsoraceae	RE
<input type="checkbox"/> <i>Negriddo caladii</i>	Jack in the pulp rust	Pucciniaceae	CK
<input type="checkbox"/> <i>Phragmidium obtusum</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia caricis</i>	current rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia coronata</i>	buckthorn crown rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia fraxinata</i>	rust	Pucciniaceae	RE

Order Uredinales (continued)	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Puccinia glechomatis</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia graminis</i>	grape rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia helianthi</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia malvacearum</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia menthæ</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia osmorhizæ</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia podophylli</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia polygoni-amphibii</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia seymeriæ</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia simplex</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia taraxaci</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Puccinia xanthii</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Pucciniastrum agrimonizæ</i>	rust	Pucciniastraceae	RE
<input type="checkbox"/> <i>Uromyces euphorbiæ</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Uromyces phaseoli</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Uromyces striatus</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Uromyces toxicodendri</i>	rust	Pucciniaceae	RE
<input type="checkbox"/> <i>Uromyces trifolii</i>	rust	Pucciniaceae	RE
Order Ustilaginales (smut fungi)			
<input type="checkbox"/> <i>Entyloma menispermi</i>	smut	Tilletiaceae	RE
<input type="checkbox"/> <i>Ustilago avenæ</i>	smut	Ustilaginaceae	RE
<input type="checkbox"/> <i>Ustilago hordei</i>	smut	Ustilaginaceae	RE
<input type="checkbox"/> <i>Ustilago maydis</i>	corn smut	Ustilaginaceae	CK
<input type="checkbox"/> <i>Ustilago zeæ</i>	smut	Ustilaginaceae	CK, RE
CLASS PHRAGMOBASIDIOMYCETES (jelly and waxy fungi)			
Order Eutremellales (jelly fungi)			
<input type="checkbox"/> <i>Exidia spiculosa</i>	jelly fungus	Tremellaceae	CK
<input type="checkbox"/> <i>Tremella candida</i>	jelly fungus	Tremellaceae	RE
Order Metatremellales (waxy fungi)			
<input type="checkbox"/> <i>Calocera cornea</i>	clublike tuning fork	Dacrymycetaceae	RE
CLASS HYMENOMYCETES (exposed hymenium fungi)			
Order Agaricales (coral and pore fungi)			
<input type="checkbox"/> <i>Agaricus campestris</i>	meadow mushroom	Agaricaceae	CK
<input type="checkbox"/> <i>Agaricus comtulus</i>	agaricus	Agaricaceae	RE
<input type="checkbox"/> <i>Amanita phalloides</i>	death cup	Amanitaceae	RE
<input type="checkbox"/> <i>Amanitopsis vaginata</i>	sheathed amanitopsis	Amanitaceae	RE
<input type="checkbox"/> <i>Armillaria mellea</i>	honey mushroom	Agaricaceae	CK
<input type="checkbox"/> <i>Atrichum undulatum</i>	wavy Catherinea mushroom	Polyporaceae	CK
<input type="checkbox"/> <i>Bjerkandera adusta</i>	pore fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Boletus chrysenteron</i>	golden-flesh or red-crack bolete	Boletaceae	RE
<input type="checkbox"/> <i>Boletus piperatus</i>	edible bolete	Boletaceae	RE
<input type="checkbox"/> <i>Clavaria flaccida</i>	soft coral fungus	Clavariaceae	RE
<input type="checkbox"/> <i>Clavaria pyxidata</i>	edible coral fungus	Clavariaceae	RE
<input type="checkbox"/> <i>Clavaria sp.</i>	coral mushroom	Clavariaceae	CK
<input type="checkbox"/> <i>Clitocybe infundibuliformis-membranacea</i>	funnel clitocybe	Tricholomataceae	RE
<input type="checkbox"/> <i>Clitopilus abortivus</i>	field type mushroom	Agaricaceae	CK
<input type="checkbox"/> <i>Collybia delicatella</i>	collybia	Tricholomataceae	RE
<input type="checkbox"/> <i>Collybia dryophila</i>	oak-loving collybia	Tricholomataceae	RE
<input type="checkbox"/> <i>Collybia myriadophylla</i>	conifer collybia	Tricholomataceae	RE
<input type="checkbox"/> <i>Collybia platyphylla</i>	broad-gilled collybia	Tricholomataceae	RE
<input type="checkbox"/> <i>Coprinus fuscescens</i>	ink-cup	Coprinaceae	RE
<input type="checkbox"/> <i>Coprinus micaceus</i>	glistening ink-cup	Coprinaceae	RE
<input type="checkbox"/> <i>Crepidotus malachus</i>	spotted stumpfoot	Agaricaceae	CK
<input type="checkbox"/> <i>Daedalea contragosa</i>	currycomb bracket fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Daedalea quercina</i>	oak mazegill fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Entoloma sp.</i>	entoloma	Rhodophyllaceae	RE

Order Agaricales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Favolus alveolaris</i>	pore fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Fomes applanatus</i>	artist's fomes	Polyporaceae	RE
<input type="checkbox"/> <i>Fomes everhartii</i>	artist's type fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Fomes ohioensis</i>	artist's type fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Galera</i> sp.	deadly galerina	Cortinariaceae	RE
<input type="checkbox"/> <i>Ganoderma applanatum</i>	artist's shelf fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Gomphidius</i> sp.	gomphidius	Gomphidiaceae	RE
<input type="checkbox"/> <i>Gyrodont merulioides</i>	fleshy pore fungus or bolete	Boletaceae	CK
<input type="checkbox"/> <i>Hydrochaete olivacea</i>	red leather fungus	Polyporaceae	CK,FE
<input type="checkbox"/> <i>Inocybe</i> sp.	fiber cap	Cortinariaceae	RE
<input type="checkbox"/> <i>Irpex lacteus</i>	white leather fungus	Polyporaceae	RE
<input type="checkbox"/> <i>Lactarius rimosellus</i>	milk cap	Russulaceae	RE
<input type="checkbox"/> <i>Lactarius subdulcis</i>	dull milk cap	Russulaceae	RE
<input type="checkbox"/> <i>Lactarius theiogalus</i>	yellow -straining milk cap	Russulaceae	RE
<input type="checkbox"/> <i>Laetiporus sulphureus</i>	sulfur polypore	Polyporaceae	RE
<input type="checkbox"/> <i>Lentinus sulcatus</i>	lentinus	Tricholomataceae	RE
<input type="checkbox"/> <i>Lenzites betulina</i>	birch mazegill fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Lenzites sepiaria</i>	gill polypore	Polyporaceae	RE
<input type="checkbox"/> <i>Lepiota adirondackensis</i>	Adirondacks lepiota	Lepiotaceae	RE
<input type="checkbox"/> <i>Lepiota cristata</i>	crested lepiota	Lepiotaceae	RE
<input type="checkbox"/> <i>Lepiota erminea</i>	ermine lepiota	Lepiotaceae	RE
<input type="checkbox"/> <i>Lepiota illinita</i>	lepiota	Lepiotaceae	RE
<input type="checkbox"/> <i>Macrolepiota procera</i>	parasol mushroom	Lepiotaceae	CK
<input type="checkbox"/> <i>Marasmius albiceps</i>	marasmius	Tricholomataceae	RE
<input type="checkbox"/> <i>Marasmius candidus</i>	marasmius	Tricholomataceae	RE
<input type="checkbox"/> <i>Marasmius nigripes</i>	marasmius	Tricholomataceae	RE
<input type="checkbox"/> <i>Marasmius oreades</i>	fairy-ring mushroom	Tricholomataceae	CK
<input type="checkbox"/> <i>Marasmius siccus</i>	orange pin-wheel	Tricholomataceae	RE
<input type="checkbox"/> <i>Marasmius trullisatipes</i>	marasmius	Tricholomataceae	RE
<input type="checkbox"/> <i>Mycena capillaris</i>	bonnet mushroom	Tricholomataceae	RE
<input type="checkbox"/> <i>Oligoporus tephroleucus</i>	pore fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Panus rudis</i>	rudy panus	Amanitaceae	RE
<input type="checkbox"/> <i>Panus strypticus</i>	field type mushroom	Amanitaceae	CK
<input type="checkbox"/> <i>Phaeolus schweinitzii</i>	polypore	Polyporaceae	RE
<input type="checkbox"/> <i>Phellinus gilvus</i>	polypore	Polyporaceae	CK,FE
<input type="checkbox"/> <i>Pholiota unicolor</i>	scalecap mushroom	Cortinariaceae	CK
<input type="checkbox"/> <i>Pleurotus sapidus</i>	lavender-spored pleurotus	Tricholomataceae	CK,FE
<input type="checkbox"/> <i>Pluteus cervinus</i>	fawn-colored pluteus	Vovlariaceae	RE
<input type="checkbox"/> <i>Polyporus arcularius</i>	polypore	Polyporaceae	CK,FE
<input type="checkbox"/> <i>Polyporus carneus</i>	polypore	Polyporaceae	RE
<input type="checkbox"/> <i>Polyporus elegans</i>	pore fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Polyporus squamosus</i>	Dryad's saddle fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Polystictus hirsutus-albiporus</i>	polypore	Polyporaceae	RE
<input type="checkbox"/> <i>Poria unita</i>	pore fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Psilocybe ammophila</i>	psilocybe	Cortinariaceae	RE
<input type="checkbox"/> <i>Pyrenopeziza cinnabarinus</i>	cinnabar polypore	Polyporaceae	RE
<input type="checkbox"/> <i>Russula alutacea</i>	red brittle gills	Russulaceae	RE
<input type="checkbox"/> <i>Russula compacta</i>	compact brittle gills	Russulaceae	RE
<input type="checkbox"/> <i>Russula ftens</i>	fetid brittle gills	Russulaceae	RE
<input type="checkbox"/> <i>Russula pectinata</i>	brittle gills	Russulaceae	RE
<input type="checkbox"/> <i>Russula xerampelina</i>	crab-scented brittle gills	Russulaceae	RE
<input type="checkbox"/> <i>Schizophyllum commune</i>	spit-gilled bracket	Schizophyllaceae	RE
<input type="checkbox"/> <i>Steccherinum ochraceum</i>	hydnum tooth fungus	Hydnaceae	CK
<input type="checkbox"/> <i>Stereum candidum</i>	sereum	Corticaceae	RE
<input type="checkbox"/> <i>Stereum disciforme</i>	sereum	Corticaceae	RE
<input type="checkbox"/> <i>Stereum fasciatum</i>	sereum	Corticaceae	RE
<input type="checkbox"/> <i>Stereum frustulosum</i>	false turkeytail fungus	Corticaceae	CK

Order Agaricales (continued)	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Stereum versicolor</i>	sereum	Corticaceae	RE
<input type="checkbox"/> <i>Strobilomyces strobilaceus</i>	old-man-of-the-woods	Boletaceae	RE
<input type="checkbox"/> <i>Trametes conchiifer</i>	pore fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Trametes versicolor</i>	turkeytail or pore fungus	Polyporaceae	CK
<input type="checkbox"/> <i>Tricholoma albo-flavidum</i>	knight-cap	Tricholomataceae	RE

CLASS GASTEROMYCETES (stomach fungi)

Order Phallales

<input type="checkbox"/> <i>Mutinus caninus</i>	dog stinkhorn	Phallaceae	CK
---	---------------	------------	----

Order Lycoperdales (puffballs)

<input type="checkbox"/> <i>Bovista pila</i>	common puffball	Lycoperdaceae	CK
<input type="checkbox"/> <i>Calvatia gigantea</i>	giant puffball	Lycoperdaceae	CK
<input type="checkbox"/> <i>Geaster hygrometricus</i>	water measuring earthstar	Lycoperdaceae	RE
<input type="checkbox"/> <i>Lycoperdon perlatum</i>	gem puffball	Lycoperdaceae	CK
<input type="checkbox"/> <i>Lycoperdon pusillum</i>	mini puffball	Lycoperdaceae	CK,RE
<input type="checkbox"/> <i>Lycoperdon pyriforme</i>	pear-shaped or stump puffball	Lycoperdaceae	CK,RE
<input type="checkbox"/> <i>Myriostoma coliformis</i>	pepper box	Lycoperdaceae	RE

Order Tulostomatales (stalked puffballs)

<input type="checkbox"/> <i>Tulostoma campestre</i>	field tylostoma	Tulostomataceae	RE
<input type="checkbox"/> <i>Tulostoma fimbriatum</i>	buried-stalk puffball	Tulostomataceae	RE

Order Sclerodermatales

<input type="checkbox"/> <i>Scleroderma citrinum</i>	common earth ball	Sclerodermataceae	CK
--	-------------------	-------------------	----

Order Nidulariales (bird's-nest fungi)

<input type="checkbox"/> <i>Cyathus striatus</i>	fluted bird's nest	Nidulariaceae	RE
--	--------------------	---------------	----

DIVISION DEUTEROMYCOTA (second or imperfect fungi)

CLASS HYPOMYCETES

Order Hyphomycetales

<input type="checkbox"/> <i>Botrytis cinerea</i>	raspberry mold	Moniliaceae	CK
<input type="checkbox"/> <i>Cercospora chenopodii</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Cercospora clavata</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Cercospora helianthi</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Cercospora maianthemii</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Cercospora monoica</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Cercospora osmorhizæ</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Cercospora oxybaphi</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Cercospora tuberosa</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Cladosporium carpophilum</i>	peach scab	Moniliaceae	CK
<input type="checkbox"/> <i>Didymaria ungeri</i>	imperfect fungus	Moniliaceae	RE
<input type="checkbox"/> <i>Drechslera teres</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Macrosporium saponariæ</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Macrosporium solani</i>	imperfect fungus	Dematiaceae	RE
<input type="checkbox"/> <i>Ovularia obliqua</i>	imperfect fungus	Moniliaceae	RE
<input type="checkbox"/> <i>Ramularia arvensis</i>	imperfect fungus	Moniliaceae	RE
<input type="checkbox"/> <i>Ramularia celastiri</i>	imperfect fungus	Moniliaceae	RE
<input type="checkbox"/> <i>Ramularia variabilis</i>	imperfect fungus	Moniliaceae	RE
<input type="checkbox"/> <i>Rhinotrichum curtisii</i>	imperfect fungus	Moniliaceae	RE

Order Tuberculariales

<input type="checkbox"/> <i>Tuberculina persicina</i>	imperfect fungus	Tuberculariaceae	RE
---	------------------	------------------	----

CLASS COELOMYCETES

Order Melanconiales

<input type="checkbox"/> <i>Cylindrosporium padi</i>	imperfect fungus	Melanconiaceae	RE
<input type="checkbox"/> <i>Gleosporium irregulare</i>	imperfect fungus	Melanconiaceae	RE
<input type="checkbox"/> <i>Gleosporium nervisequum</i>	imperfect fungus	Melanconiaceae	RE
<input type="checkbox"/> <i>Gleosporium septorioides</i>	imperfect fungus	Melanconiaceae	RE
<input type="checkbox"/> <i>Marsonia toxicodendri</i>	imperfect fungus	Melanconiaceae	RE

Order Sphaeropsidales

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Cicinnobolus cesatii</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Coniothyrium</i> sp.	raspberry cane blight	Sphaeropsidaceae	CK
<input type="checkbox"/> <i>Diplodia maydis</i>	corn ear rot	Sphaeropsidaceae	CK
<input type="checkbox"/> <i>Peltaster fructicola</i>	apple sooty blotch mold	Leptostromataceae	CK
<input type="checkbox"/> <i>Phoma uvicola</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Phyllosticta cruenta</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Phyllosticta iridis</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Phyllosticta palustri</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Phyllosticta phaseolina</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria ægopodii</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria aquilegiæ</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria erigerontis</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria lactucicola</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria littorea</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria lophanthi</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria musiva</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria ochroleuca</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria oenotheræ</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria podophyllina</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria polygonorum</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria rubi</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria scrophulariæ</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Septoria violæ-palustris</i>	imperfect fungus	Sphaeropsidaceae	RE
<input type="checkbox"/> <i>Zygothia jamaicensis</i>	apple flyspeck	Leptostromataceae	CK

DIVISION MYCOPHYCOPHYTA (lichens or fungus algae)**CLASS ASCOLICHENES (ascomycote lichens)****Order Pyrenulales**

<input type="checkbox"/> <i>Arthopyrenia alba</i>	lichen	Pyrenulaceae	RE
<input type="checkbox"/> <i>Microthelia micula</i>	lichen	Pyrenulaceae	RE
<input type="checkbox"/> <i>Pyrenula leucoplaca</i>	lichen	Pyrenulaceae	RE
<input type="checkbox"/> <i>Trypethelium virens</i>	lichen	Trypetheliaceae	RE
<input type="checkbox"/> <i>Verrucaria muralis</i>	pitted lichen	Verrucariaceae	RE

Order Caliciales

<input type="checkbox"/> <i>Coniocybe furfuracea</i>	lichen	Caliciaceae	RE
--	--------	-------------	----

Order Hysteriales

<input type="checkbox"/> <i>Arthonia punctiformis</i>	lichen	Arthoniaceae	RE
<input type="checkbox"/> <i>Arthonia radiata</i>	lichen	Arthoniaceae	RE
<input type="checkbox"/> <i>Arthothelium spectabile</i>	lichen	Arthoniaceae	RE
<input type="checkbox"/> <i>Graphis scripta</i>	script lichen	Graphidaceae	RE
<input type="checkbox"/> <i>Opegrapha lichenoides</i>	lichen	Graphidaceae	RE
<input type="checkbox"/> <i>Opegrapha pulcaris</i>	lichen	Graphidaceae	RE
<input type="checkbox"/> <i>Opegrapha viridis</i>	lichen	Graphidaceae	RE

Order Lecanorales

<input type="checkbox"/> <i>Alectoria nidulifera</i>	lichen	Usneaceae	RE
<input type="checkbox"/> <i>Anaptychia echinata</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Anaptychia hypoleuca</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Anaptychia leucomelaena</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Anaptychia palmulata</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Anaptychia speciosa</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Bacidia fuscorubella</i>	lichen	Lecideaceae	RE
<input type="checkbox"/> <i>Bacidia schweinitzii</i>	lichen	Lecideaceae	RE
<input type="checkbox"/> <i>Bilimbia sabuletorum</i>	lichen	Lecideaceae	RE
<input type="checkbox"/> <i>Bilimbia trachona</i>	lichen	Lecideaceae	RE
<input type="checkbox"/> <i>Buellia parasema</i>	lichen	Buelliaceae	RE
<input type="checkbox"/> <i>Caloplaca aurantiaca</i>	lichen	Caloplacaceae	RE
<input type="checkbox"/> <i>Caloplaca cerina</i>	lichen	Caloplacaceae	RE
<input type="checkbox"/> <i>Candelaria concolor</i>	lichen	Parmeliaceae	RE

Order Lecanorales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Candelaria fibrosa</i>	lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Cetraria ciliaris</i>	shield lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Cetraria ericetorum</i>	shield lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Cladonia arbuscula</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia bacillaris</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia caespiticia</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia capitata</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia coniocraea</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia conista</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia cristatella</i>	British soldiers or red crest lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia cryptochlorophaea</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia fimbriata</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia furcata</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia gracilis</i>	spoon lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia grayi</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia nemoxyna</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia parasitica</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia pyxidata</i>	pixie cup lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia rangiferina</i>	reindeer lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia sp.</i>	reindeer moss	Cladoniaceae	CK
<input type="checkbox"/> <i>Cladonia squamosa</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia subcariosa</i>	lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Cladonia verticillata</i>	ladder lichen	Cladoniaceae	RE
<input type="checkbox"/> <i>Collema subfurvum</i>	lichen	Collemaaceae	RE
<input type="checkbox"/> <i>Conotrema urceolatum</i>	lichen	Diploschistaceae	RE
<input type="checkbox"/> <i>Lecanora dispersa</i>	lichen	Lecanoraceae	RE
<input type="checkbox"/> <i>Lecanora pallida</i>	lichen	Lecanoraceae	RE
<input type="checkbox"/> <i>Lecanora subfusca</i>	lichen	Lecanoraceae	RE
<input type="checkbox"/> <i>Lecanora varia</i>	lichen	Lecanoraceae	RE
<input type="checkbox"/> <i>Lecidea albocaerulescens</i>	whitewash lichen	Lecideaceae	RE
<input type="checkbox"/> <i>Lecidea myriocarpoides</i>	whitewash lichen	Lecideaceae	RE
<input type="checkbox"/> <i>Lecidea parasema</i>	whitewash lichen	Lecideaceae	RE
<input type="checkbox"/> <i>Lecidea viridescens</i>	whitewash lichen	Lecideaceae	RE
<input type="checkbox"/> <i>Lepraria sp.</i>	lichen	Leprariaceae	RE
<input type="checkbox"/> <i>Leptogium lichenoides</i>	lichen	Collemaaceae	RE
<input type="checkbox"/> <i>Leptogium tenuissimum</i>	lichen	Collemaaceae	RE
<input type="checkbox"/> <i>Leptogium tremelloides</i>	lichen	Collemaaceae	RE
<input type="checkbox"/> <i>Ochrolechia tartarea</i>	lichen	Lecanoraceae	RE
<input type="checkbox"/> <i>Parmelia aspera</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia aurlenta</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia borneri</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia caperata</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia crozalsiana</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia flaventior</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia livida</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia margaritata</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia perlata</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia rudecta</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia saxatilis</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia sulcata</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Parmelia ulophyllodes</i>	boulder lichen	Parmeliaceae	RE
<input type="checkbox"/> <i>Peltigera aphthosa</i>	lichen	Peltigeraceae	RE
<input type="checkbox"/> <i>Peltigera canina</i>	dog lichen	Peltigeraceae	RE
<input type="checkbox"/> <i>Peltigera canina spuria</i>	lichen	Peltigeraceae	RE
<input type="checkbox"/> <i>Peltigera horizontalis</i>	lichen	Peltigeraceae	RE
<input type="checkbox"/> <i>Peltigera spuria</i>	lichen	Peltigeraceae	RE
<input type="checkbox"/> <i>Pertusaria leioplaca</i>	lichen	Pertusariaceae	RE

Order Lecanorales (continued)	COMMON NAME	FAMILY	LOCAT ON
<input type="checkbox"/> <i>Pertusaria multipuncta</i>	lichen	Pertusariaceae	RE
<input type="checkbox"/> <i>Pertusaria pertusa</i>	lichen	Pertusariaceae	RE
<input type="checkbox"/> <i>Pertusaria pustulata</i>	lichen	Pertusariaceae	RE
<input type="checkbox"/> <i>Physcia adscendens</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia aguila detonsa</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia aipolia</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia ciliata</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia elaeina</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia grisea</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia hypoleuca</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia millegrana</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia orbicularis</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia stellaris</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia syncolla</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia tribacia</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Physcia tribacoides</i>	lichen	Physciaceae	RE
<input type="checkbox"/> <i>Placynthium nigrum</i>	lichen	Pannariaceae	RE
<input type="checkbox"/> <i>Ramalina farinacea</i>	lichen	Usneaceae	RE
<input type="checkbox"/> <i>Ramalina sinensis</i>	lichen	Usneaceae	RE
<input type="checkbox"/> <i>Rinodina tephraspis</i>	lichen	Buelliaceae	RE
<input type="checkbox"/> <i>Sarcogyne simplex</i>	lichen	Acarosporaceae	RE
<input type="checkbox"/> <i>Sticta pulmonaria</i>	lichen	Stictaceae	RE
<input type="checkbox"/> <i>Teloschistes chrysophthalmus</i>	lichen	Teloschistaceae	RE
<input type="checkbox"/> <i>Usnea strigosa</i>	lichen	Usneaceae	RE
<input type="checkbox"/> <i>Xanthoria candelaria</i>	lichen	Teloschistaceae	RE
<input type="checkbox"/> <i>Xanthoria fallax</i>	lichen	Teloschistaceae	RE
<input type="checkbox"/> <i>Xanthoria polycarpa</i>	lichen	Teloschistaceae	RE

KINGDOM PLANTAE

DIVISION BRYOPHYTA (mosses and liverworts)

CLASS HEPATICOPSIDA (liverworts)

Order Jungermanniales

<input type="checkbox"/> <i>Lophocolea heterophylla</i>	liverwort	Lophocoleaceae	CK
---	-----------	----------------	----

Order Marchantiales (typical liverworts)

<input type="checkbox"/> <i>Conocephalum conicum</i>	common liverwort	Conocephalaceae	CK
<input type="checkbox"/> <i>Riccia fluitans</i>	slender riccia	Ricciaceae	ES
<input type="checkbox"/> <i>Ricciocarpus natans</i>	purple-fringed riccia	Ricciaceae	ES

CLASS SPHAGNOPSIDA (peat mosses)

Order Sphagnales

<input type="checkbox"/> <i>Sphagnum compactum</i>	sphagnum	Sphagnaceae	RE
<input type="checkbox"/> <i>Sphagnum lescurii</i>	sphagnum	Sphagnaceae	RE
<input type="checkbox"/> <i>Sphagnum magellanicum</i>	sphagnum	Sphagnaceae	RE
<input type="checkbox"/> <i>Sphagnum palustre</i>	boat-leaved sphagnum	Sphagnaceae	RE
<input type="checkbox"/> <i>Sphagnum russowii</i>	sphagnum	Sphagnaceae	RE
<input type="checkbox"/> <i>Sphagnum sp.</i>	bog moss	Sphagnaceae	CK

CLASS BRYOPSIDA (mosses)

Order Polytrichales

<input type="checkbox"/> <i>Atrichum altecristatum</i>	spineleaf moss	Polytrichaceae	RE
<input type="checkbox"/> <i>Atrichum angustatum</i>	slender Catherinea	Polytrichaceae	RE
<input type="checkbox"/> <i>Atrichum undulatum</i>	spineleaf moss	Polytrichaceae	RE
<input type="checkbox"/> <i>Pogonatum pensilvanicum</i>	false hair-cap moss	Polytrichaceae	RE
<input type="checkbox"/> <i>Polytrichum commune</i>	common hair-cap moss	Polytrichaceae	CK,FE
<input type="checkbox"/> <i>Polytrichum ohioense</i>	hair-cap moss	Polytrichaceae	CK,FE
<input type="checkbox"/> <i>Polytrichum piliferum</i>	hair-cap moss	Polytrichaceae	RE

Order Tetraphales

<input type="checkbox"/> <i>Tetraphis pellucida</i>	four-tooth moss	Tetraphidaceae	RE
---	-----------------	----------------	----

	COMMON NAME	FAMILY	LOCATION
Order Funariales			
<input type="checkbox"/> <i>Discelium nudum</i>	moss	Disceliaceae	RE
<input type="checkbox"/> <i>Funaria hygrometrica</i>	cord moss	Funariaceae	CK,RE
<input type="checkbox"/> <i>Physcomitrium pyriforme</i>	urn moss	Funariaceae	RE
Order Orthotrichales			
<input type="checkbox"/> <i>Drummondia prorepens</i>	moss	Orthotrichaceae	RE
<input type="checkbox"/> <i>Orthotrichum anomalum</i>	moss	Orthotrichaceae	RE
<input type="checkbox"/> <i>Orthotrichum pumilum</i>	moss	Orthotrichaceae	RE
<input type="checkbox"/> <i>Orthotrichum pusillum</i>	moss	Orthotrichaceae	RE
<input type="checkbox"/> <i>Orthotrichum strangulatum</i>	moss	Orthotrichaceae	RE
<input type="checkbox"/> <i>Ulota crispa</i>	moss	1 Orthotrichaceae	RE
Order Bryales			
<input type="checkbox"/> <i>Aulacomnium heterostichum</i>	moss	Aulacomniaceae	RE
<input type="checkbox"/> <i>Aulacomnium palustre</i>	moss	Aulacomniaceae	RE
<input type="checkbox"/> <i>Bartramia pomiformis</i>	apple moss	Bartramiaceae	RE
<input type="checkbox"/> <i>Bryum argenteum</i>	silvery moss	Bryaceae	RE
<input type="checkbox"/> <i>Bryum caespitium</i>	silvery moss	Bryaceae	RE
<input type="checkbox"/> <i>Bryum capillare</i>	silvery moss	Bryaceae	RE
<input type="checkbox"/> <i>Bryum lisae</i> var. <i>cuspidatum</i>	silvery moss	Bryaceae	RE
<input type="checkbox"/> <i>Bryum pseudotriquetrum</i>	silvery moss	Bryaceae	RE
<input type="checkbox"/> <i>Leptobryum pyriforme</i>	moss	Bryaceae	RE
<input type="checkbox"/> <i>Mnium cuspidatum</i>	woody mniium moss	Mniaceae	CK
<input type="checkbox"/> <i>Mnium stellare</i>	star moss	Mniaceae	RE
<input type="checkbox"/> <i>Philonotis fontana</i>	moss	Bartramiaceae	RE
<input type="checkbox"/> <i>Plagiomnium ciliare</i>	moss	Mniaceae	RE
<input type="checkbox"/> <i>Plagiomnium cuspidatum</i>	moss	Mniaceae	RE
<input type="checkbox"/> <i>Plagiomnium medium</i>	moss	Mniaceae	RE
<input type="checkbox"/> <i>Pohlia nutans</i>	moss	Bryaceae	RE
<input type="checkbox"/> <i>Rhizomnium punctatum</i>	moss	Mniaceae	RE
<input type="checkbox"/> <i>Rhodobryum roseum</i>	rose moss	Bryaceae	RE
<input type="checkbox"/> <i>Amblystegium serpens</i>	moss	Amblystegiaceae	RE
Order Hypnobryales			
<input type="checkbox"/> <i>Amblystegium serpens</i> var. <i>juratzkanum</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Amblystegium varium</i>	moss	Amblystegiaceae	CK,FE
<input type="checkbox"/> <i>Brachythecium acuminatum</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Brachythecium campestre</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Brachythecium oxycladon</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Brachythecium rivulare</i>	rivulet brachythecium	Brachytheciaceae	RE
<input type="checkbox"/> <i>Brachythecium rutabulum</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Brachythecium salebrosum</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Bryhnia graminicolor</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Bryhnia novae-angliae</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Bryoandersonia illecebra</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Callicladium haldanianum</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Calliergon stramineum</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Calliergon trifarium</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Calliergonella cuspidata</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Campylium chrysophyllum</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Campylium hispidulum</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Campylium polygamum</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Campylium stellatum</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Cyrto-hypnum minutulum</i>	moss	Thuidiaceae	RE
<input type="checkbox"/> <i>Drepanocladus aduncus</i> var. <i>aduncus</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Drepanocladus aduncus</i> var. <i>kneiffii</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Entodon cladorrhizans</i>	moss	Entodontaceae	RE
<input type="checkbox"/> <i>Entodon seductrix</i>	moss	Entodontaceae	RE
<input type="checkbox"/> <i>Eurhynchium hians</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Eurhynchium pulchellum</i>	moss	Brachytheciaceae	RE

Order Hypnobryales (continued)

	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Eurhynchium serrulatum</i>	moss	Brachytheciaceae	CK
<input type="checkbox"/> <i>Helodium blandowii</i>	moss	Thuidiaceae	RE
<input type="checkbox"/> <i>Helodium paludosum</i>	moss	Thuidiaceae	RE
<input type="checkbox"/> <i>Herzogiella turfacea</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Homomallium adnatum</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Hygroamblystegium fluviatile</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Hygroamblystegium tenax</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Hygrohypnum luridum</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Hypnum cupressiforme</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Hypnum curvifolium</i>	feather moss	Hypnaceae	CK,RE
<input type="checkbox"/> <i>Hypnum imponens</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Hypnum lindbergii</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Isopterygiopsis muelleriana</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Leptodictyum humile</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Leptodictyum riparium</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Limprichtia revolvens</i>	moss	Amblystegiaceae	RE
<input type="checkbox"/> <i>Plagiothecium cavifolium</i>	slender moss	Plagiotheciaceae	RE
<input type="checkbox"/> <i>Plagiothecium denticulatum</i>	slender moss	Plagiotheciaceae	RE
<input type="checkbox"/> <i>Plagiothecium</i> sp.	moss	Plagiotheciaceae	CK
<input type="checkbox"/> <i>Platydictya confervoides</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Platygyrium repens</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Pleurozium schreberi</i>	moss	Hylocomiaceae	RE
<input type="checkbox"/> <i>Pylaisiella intricata</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Pylaisiella selwynii</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Raiiella scita</i>	moss	Thuidiaceae	RE
<input type="checkbox"/> <i>Rhytidium rugosum</i>	moss	Rhytidiaceae	RE
<input type="checkbox"/> <i>Sematophyllum demissum</i>	moss	Sematophyllaceae	RE
<input type="checkbox"/> <i>Steerecleus serrulatus</i>	moss	Brachytheciaceae	RE
<input type="checkbox"/> <i>Taxiphyllum taxirameum</i>	moss	Hypnaceae	RE
<input type="checkbox"/> <i>Thuidium delicatulum</i>	common fern moss	Thuidiaceae	CK,RE
<input type="checkbox"/> <i>Thuidium recognitum</i>	fern moss	Thuidiaceae	RE
Order Isobryales			
<input type="checkbox"/> <i>Anacamptodon splachnoides</i>	moss	Fabroniaceae	RE
<input type="checkbox"/> <i>Anomodon attenuatus</i>	moss	Leskeaceae	RE
<input type="checkbox"/> <i>Anomodon minor</i>	moss	Leskeaceae	RE
<input type="checkbox"/> <i>Anomodon rostratus</i>	moss	Leskeaceae	RE
<input type="checkbox"/> <i>Anomodon rugelii</i>	moss	Leskeaceae	RE
<input type="checkbox"/> <i>Climacium americanum</i>	tree moss	Climaciaceae	CK,RE
<input type="checkbox"/> <i>Climacium kindbergii</i>	tree-flooded moss	Climaciaceae	CK,RE
<input type="checkbox"/> <i>Fontinalis dalecarlica</i>	common water moss	Fontinaliaceae	RE
<input type="checkbox"/> <i>Fontinalis hypnoides</i>	water moss	Fontinaliaceae	RE
<input type="checkbox"/> <i>Fontinalis hypnoides</i> var. <i>duriaei</i>	water moss	Fontinaliaceae	RE
<input type="checkbox"/> <i>Hedwigia ciliata</i>	white-tipped moss	Hedwigiaceae	RE
<input type="checkbox"/> <i>Leskea gracilescens</i>	moss	Leskeaceae	RE
<input type="checkbox"/> <i>Leskea obscura</i>	moss	Leskeaceae	RE
<input type="checkbox"/> <i>Leucodon julaceus</i>	moss	Leucodontaceae	RE
<input type="checkbox"/> <i>Thelia asprella</i>	moss	Leskeaceae	RE
<input type="checkbox"/> <i>Thelia hirtella</i>	moss	Leskeaceae	RE
Order Pottiales			
<input type="checkbox"/> <i>Barbula convoluta</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Barbula indica</i> var. <i>indica</i>	twisted teeth moss	Pottiaceae	RE
<input type="checkbox"/> <i>Barbula unguiculata</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Bryoerythrophyllum recurvirostre</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Desmatodon obtusifolius</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Desmatodon porteri</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Didymodon fallax</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Didymodon rigidulus</i>	moss	Pottiaceae	RE

Order Pottiales (continued)	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Gymnostomum aeruginosum</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Hymenostylium recurvirostre</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Hyophila involuta</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Phascum cuspidatum</i>	moss	Pottiaceae	RE
<input type="checkbox"/> <i>Tortella humilis</i>	twisted moss	Pottiaceae	RE
<input type="checkbox"/> <i>Tortella tortuosa</i>	twisted moss	Pottiaceae	RE
<input type="checkbox"/> <i>Tortula ruralis</i>	wall moss	Pottiaceae	RE
<input type="checkbox"/> <i>Weissia controversa</i>	moss	Pottiaceae	RE
Order Dicranales			
<input type="checkbox"/> <i>Bruchia flexuosa</i>	moss	Ditrichaceae	RE
<input type="checkbox"/> <i>Ceratodon purpureus</i>	purple horn-tooth moss	Ditrichaceae	RE
<input type="checkbox"/> <i>Dicranella cerviculata</i>	fork moss	Dicranaceae	RE
<input type="checkbox"/> <i>Dicranella heteromalla</i>	silky fork moss	Dicranaceae	RE
<input type="checkbox"/> <i>Dicranella varia</i>	fork moss	Dicranaceae	RE
<input type="checkbox"/> <i>Dicranum flagellare</i>	broom moss	Dicranaceae	RE
<input type="checkbox"/> <i>Dicranum scoparium</i>	broom moss	Dicranaceae	RE
<input type="checkbox"/> <i>Dicranum viride</i>	broom moss	Dicranaceae	RE
<input type="checkbox"/> <i>Ditrichum lineare</i>	moss	Ditrichaceae	RE
<input type="checkbox"/> <i>Leucobryum glaucum</i>	white pin-cushion moss	Leucobryaceae	RE
<input type="checkbox"/> <i>Pleuridium subulatum</i>	moss	Ditrichaceae	RE
Order Fissidentales			
<input type="checkbox"/> <i>Fissidens adianthoides</i>	moss	Fissidentaceae	RE
<input type="checkbox"/> <i>Fissidens bryoides</i>	moss	Fissidentaceae	RE
<input type="checkbox"/> <i>Fissidens obtusifolius</i>	moss	Fissidentaceae	RE
<input type="checkbox"/> <i>Fissidens taxifolius</i>	moss	Fissidentaceae	CK, RE
Order Seligeriales			
<input type="checkbox"/> <i>Seligeria calcarea</i>	moss	Seligeriaceae	RE
<input type="checkbox"/> <i>Seligeria campylopoda</i>	moss	Seligeriaceae	RE
<input type="checkbox"/> <i>Seligeria pusilla</i>	moss	Seligeriaceae	RE
Order Grimmiiales			
<input type="checkbox"/> <i>Grimmia pulvinata</i>	moss	Grimmiaceae	RE
<input type="checkbox"/> <i>Schistidium apocarpum</i>	moss	Grimmiaceae	RE
<input type="checkbox"/> <i>Schistidium rivulare</i>	moss	Grimmiaceae	RE
DIVISION LYCOPODIOPHYTA (clubmosses)			
CLASS LYCOPODIOPSIDA (clubmosses)			
Order Lycopodiales			
<input type="checkbox"/> <i>Lycopodium dendroideum</i>	tree-like clubmoss	Lycopodiaceae	CK
<input type="checkbox"/> <i>Lycopodium obscurum</i>	tree clubmoss	Lycopodiaceae	CK
DIVISION EQUISETOPHYTA (horsetails and scouring rushes)			
CLASS EQUISETOPSIDA (horsetails)			
Order Equisetales			
<input type="checkbox"/> <i>Equisetum arvense</i>	field or common horsetail	Equisetaceae	CK, ES
<input type="checkbox"/> <i>Equisetum hyemale</i>	rough horsetail, scouring rush	Equisetaceae	CK
DIVISION FILICOPHYTA [=POLYPODIOPHYTA] (ferns)			
CLASS FILICOPSIDA [=POLYPODIOPSIDA] (ferns)			
Order Ophioglossales			
<input type="checkbox"/> <i>Botrychium dissectum</i>	cut-leaf grapefern	Ophioglossaceae	CK
<input type="checkbox"/> <i>Botrychium rugulosum</i>	leathery grapefern	Ophioglossaceae	CK
<input type="checkbox"/> <i>Botrychium virginianum</i>	rattlesnake fern	Ophioglossaceae	CK, ES

Order Polypodiales	COMMON NAME	FAMILY	LOCATION
<input type="checkbox"/> <i>Adiantum pedatum</i>	northern maidenhair fern	Adiantaceae	CK,ES
<input type="checkbox"/> <i>Athyrium filix-femina</i>	subarctic lady fern	Aspleniaceae	CK,ES
<input type="checkbox"/> <i>Cystopteris bulbifera</i>	bulblet fern	Aspleniaceae	CK
<input type="checkbox"/> <i>Cystopteris tenuis</i>	fragile fern	Aspleniaceae	CK
<input type="checkbox"/> <i>Dryopteris carthusiana</i>	spinulose woodfern	Aspleniaceae	CK,ES
<input type="checkbox"/> <i>Dryopteris intermedia</i>	evergreen woodfern	Aspleniaceae	CK
<input type="checkbox"/> <i>Dryopteris marginalis</i>	marginal shield-fern or woodfern	Aspleniaceae	CK
<input type="checkbox"/> <i>Dryopteris</i> sp.	woodfern	Aspleniaceae	ES
<input type="checkbox"/> <i>Gymnocarpium dryopteris</i>	oak-fern	Aspleniaceae	CK
<input type="checkbox"/> <i>Onoclea sensibilis</i>	sensitive fern	Onocleaceae	CK,ES
<input type="checkbox"/> <i>Osmunda cinnamomea</i>	cinnamon fern	Osmundaceae	ES
<input type="checkbox"/> <i>Osmunda claytoniana</i>	fern	Osmundaceae	CK,ES
<input type="checkbox"/> <i>Phegopteris hexagonoptera</i>	broad beech-fern	Aspleniaceae	CK
<input type="checkbox"/> <i>Polypodium virginianum</i>	common polypody	Polypodiaceae	CK
<input type="checkbox"/> <i>Polystichum acrostichoides</i>	Christmas fern	Aspleniaceae	CK,ES

LOCATION CODES:

- CK – Old Woman Creek watershed upstream of the estuary
- ES – Old Woman Creek estuary (including watershed within boundaries of NERR)
- LE – Lake Erie, principally nearshore waters of Erie County and western Lorain County, Ohio
- RE – Regional occurrence, principally Lake Erie watersheds of eastern Erie County and western Lorain County, Ohio

Appendix C

Alphabetized List of Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie by Scientific Name

**ALPHABETIZED LIST OF ALGAL FLORA AND LOWER PLANTS OF OLD WOMAN
CREEK ESTUARY, WATERSHED, AND ADJACENT WATERS OF LAKE ERIE
by Scientific Name**

**KINGDOMS MONERA AND PROTISTA
(algal flora)**

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Acanthoceras zachariasii</i>	centric diatom	Chrysophyta	ES
<i>Achnanthes biasolettiana</i>	pennate diatom	Chrysophyta	ES
<i>Achnanthes clevei</i>	pennate diatom	Chrysophyta	ES
<i>Achnanthes conspicua</i>	pennate diatom	Chrysophyta	CK
<i>Achnanthes grischuna</i>	pennate diatom	Chrysophyta	ES
<i>Achnanthes hungarica</i>	pennate diatom	Chrysophyta	ES
<i>Achnanthes lanceolata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Achnanthes lanceolata</i> ssp. <i>dubia</i>	pennate diatom	Chrysophyta	CK,ES
<i>Achnanthes lanceolata</i> ssp. <i>lanceolata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Achnanthes lanceolata</i> ssp. <i>l.</i> var. <i>boyei</i>	pennate diatom	Chrysophyta	ES
<i>Achnanthes laurenburgiana</i>	pennate diatom	Chrysophyta	ES
<i>Achnanthes minutissima</i>	pennate diatom	Chrysophyta	CK,ES
<i>Achnanthes minutissima</i> var. <i>gracillima</i>	pennate diatom	Chrysophyta	ES
<i>Achnanthes minutissima</i> var. <i>minutissima</i>	pennate diatom	Chrysophyta	CK
<i>Achnanthes minutissima</i> var. <i>saprophila</i>	pennate diatom	Chrysophyta	ES
<i>Achnanthes minutissima</i> var. 2	pennate diatom	Chrysophyta	ES
<i>Achnanthes</i> sp.	pennate diatom	Chrysophyta	CK,ES
<i>Actinastrum hantzschii</i>	green alga	Chlorophyta	ES
<i>Actinocyclus normanii</i>	centric diatom	Chrysophyta	ES
<i>Amphipleura pellucida</i>	pennate diatom	Chrysophyta	CK,ES
<i>Amphora montana</i>	pennate diatom	Chrysophyta	ES
<i>Amphora ovalis</i>	pennate diatom	Chrysophyta	ES
<i>Amphora pediculus</i>	pennate diatom	Chrysophyta	CK,ES
<i>Amphora</i> sp.	pennate diatom	Chrysophyta	ES
<i>Anabaena circinalis</i>	blue-green	Cyanophyta	ES
<i>Anabaena spiroides</i>	blue-green	Cyanophyta	LE
<i>Anabaena spiroides</i> var. <i>crassa</i>	blue-green	Cyanophyta	LE
<i>Anabaena variabilis</i>	blue-green	Cyanophyta	ES
<i>Anabaena</i> spp.	blue-greens	Cyanophyta	ES,LE
<i>Ankistrodesmus falcatus</i>	green alga	Chlorophyta	ES
<i>Ankistrodesmus stipitatus</i>	green alga	Chlorophyta	ES
<i>Ankyra judayi</i>	green alga	Chlorophyta	ES
<i>Anomoeoneis brachysira</i>	pennate diatom	Chrysophyta	ES
<i>Anomoeoneis sphaerophora</i>	pennate diatom	Chrysophyta	ES
<i>Anthophysa steinii</i>	golden-brown alga	Chrysophyta	ES
<i>Anthophysa vegetans</i>	golden-brown alga	Chrysophyta	ES
<i>Aphanizomenon flos-aquae</i>	blue-green	Cyanophyta	ES,LE
<i>Aphanocapsa delicatissima</i>	blue-green	Cyanophyta	ES
<i>Aphanocapsa elachista</i>	blue-green	Cyanophyta	ES
<i>Aphanocapsa incerta</i>	blue-green	Cyanophyta	CK
<i>Aphanothece saxicola</i>	blue-green	Cyanophyta	ES
<i>Ascoglena vaginicola</i>	euglenoid	Euglenophyta	ES
<i>Ascoglena</i> sp.	euglenoid	Euglenophyta	ES
<i>Astasia klebsii</i>	euglenoid	Euglenophyta	ES
<i>Astasia</i> spp.	euglenoids	Euglenophyta	ES
<i>Asterionella formosa</i>	pennate diatom	Chrysophyta	ES,LE
<i>Aulacoseira alpigena</i>	centric diatom	Chrysophyta	ES
<i>Aulacoseira ambigua</i>	centric diatom	Chrysophyta	ES
<i>Aulacoseira crassipunctata</i>	centric diatom	Chrysophyta	ES
<i>Aulacoseira granulata</i>	centric diatom	Chrysophyta	ES
<i>Aulacoseira granulata</i> var. <i>angustissima</i>	centric diatom	Chrysophyta	ES,LE
<i>Aulacoseira islandica</i>	centric diatom	Chrysophyta	ES
<i>Aulacoseira italica</i>	centric diatom	Chrysophyta	ES
<i>Aulacoseira</i> spp.	centric diatoms	Chrysophyta	ES
<i>Bangia atropurpurea</i>	red alga	Rhodophyta	LE
<i>Caloneis amphisbaena</i>	pennate diatom	Chrysophyta	CK,ES
<i>Caloneis bacillum</i>	pennate diatom	Chrysophyta	CK,ES
<i>Caloneis clevei</i>	pennate diatom	Chrysophyta	ES
<i>Caloneis molaris</i>	pennate diatom	Chrysophyta	ES
<i>Caloneis schumanniana</i>	pennate diatom	Chrysophyta	ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Caloneis thermalis</i>	pennate diatom	Chrysophyta	ES
<i>Calothrix fusca</i>	blue-green	Cyanophyta	CK
<i>Calothrix</i> spp.	blue-greens	Cyanophyta	CK
<i>Carteria bourrellyi</i>	green alga	Chlorophyta	ES
<i>Carteria globosa</i>	green alga	Chlorophyta	ES
<i>Carteria wisconsinensis</i>	green alga	Chlorophyta	CK,ES
<i>Carteria</i> sp.	green alga	Chlorophyta	ES
<i>Centritractus ellipsoideus</i>	yellow-green alga	Chrysophyta	ES
<i>Ceratium hirundinella</i>	dinoflagellate	Pyrrhophyta	ES,LE
<i>Ceratium</i> sp.	dinoflagellate	Pyrrhophyta	ES
<i>Characium curvatum</i>	green alga	Chlorophyta	ES
<i>Characium</i> sp.	green alga	Chlorophyta	ES
<i>Chilomonas</i> sp.	cryptomonad	Cryptophyta	ES
<i>Chlamydocapsa ampla</i>	green alga	Chlorophyta	CK,ES
<i>Chlamydocapsa planctonica</i>	green alga	Chlorophyta	ES
<i>Chlamydocapsa</i> sp.	green alga	Chlorophyta	ES
<i>Chlamydomonas globosa</i>	green alga	Chlorophyta	CK,ES
<i>Chlamydomonas gracilis</i>	green alga	Chlorophyta	ES
<i>Chlamydomonas monadina</i>	green alga	Chlorophyta	ES
<i>Chlamydomonas reinhardtii</i>	green alga	Chlorophyta	ES
<i>Chlamydomonas subasymmetrica</i>	green alga	Chlorophyta	ES
<i>Chlamydomonas</i> spp.	green algae	Chlorophyta	CK,ES,LE
<i>Chlamydonephris excavata</i>	green alga	Chlorophyta	ES
<i>Chlorococcum</i> sp.	green alga	Chlorophyta	ES
<i>Chlorogonium elongatum</i>	green alga	Chlorophyta	ES
<i>Chlorogonium euchlorum</i>	green alga	Chlorophyta	ES
<i>Chlorogonium hyalinum</i>	green alga	Chlorophyta	ES
<i>Chroococcus dispersus</i>	blue-green	Cyanophyta	CK,ES
<i>Chroococcus minor</i>	blue-green	Cyanophyta	CK
<i>Chroococcus minutus</i>	blue-green	Cyanophyta	CK,LE
<i>Chroococcus planctonicus</i>	blue-green	Cyanophyta	ES
<i>Chroococcus</i> spp.	blue-greens	Cyanophyta	CK,ES
<i>Chroomonas norstedtii</i>	cryptomonad	Cryptophyta	ES
<i>Chroomonas</i> sp.	cryptomonad	Cryptophyta	ES
<i>Chrysococcus biporus</i>	golden-brown alga	Chrysophyta	ES
<i>Chrysococcus minutus</i>	golden-brown alga	Chrysophyta	ES
<i>Chrysococcus rufescens</i> var. <i>tripora</i>	golden-brown alga	Chrysophyta	ES
<i>Chrysococcus triporus</i>	golden-brown alga	Chrysophyta	ES
<i>Chrysococcus</i> spp.	golden-brown algae	Chrysophyta	ES
<i>Cladophora glomerata</i>	green alga	Chlorophyta	ES,LE
<i>Closteriopsis acicularis</i>	green alga	Chlorophyta	ES
<i>Closterium aciculare</i> var. <i>aciculare</i>	green alga, desmid	Chlorophyta	ES
<i>Closterium acutum</i> var. <i>acutum</i>	green alga, desmid	Chlorophyta	ES
<i>Closterium acutum</i> var. <i>variabile</i>	green alga, desmid	Chlorophyta	ES
<i>Closterium gracile</i> var. <i>gracile</i>	green alga, desmid	Chlorophyta	ES
<i>Closterium intermedium</i>	green alga, desmid	Chlorophyta	CK
<i>Closterium limneticum</i> var. <i>limneticum</i>	green alga, desmid	Chlorophyta	ES
<i>Closterium macilentum</i> var. <i>macilentum</i>	green alga, desmid	Chlorophyta	ES
<i>Closterium moniliferum</i> var. <i>moniliferum</i>	green alga, desmid	Chlorophyta	ES
<i>Closterium</i> spp.	green algae, desmids	Chlorophyta	ES
<i>Cocconeis pediculus</i>	pennate diatom	Chrysophyta	ES
<i>Cocconeis placentula</i>	pennate diatom	Chrysophyta	CK,ES
<i>Cocconeis placentula</i> var. <i>euglypta</i>	pennate diatom	Chrysophyta	ES
<i>Cocconeis placentula</i> var. <i>lineata</i>	pennate diatom	Chrysophyta	ES
<i>Coelastrum astroidenum</i>	green alga	Chlorophyta	ES
<i>Coelastrum cambricum</i>	green alga	Chlorophyta	ES
<i>Coelastrum microporum</i>	green alga	Chlorophyta	ES
<i>Coelastrum pseudomicroporum</i>	green alga	Chlorophyta	ES
<i>Coelastrum</i> sp.	green alga	Chlorophyta	ES
<i>Coelosphaerium naegelianum</i>	blue-green	Cyanophyta	ES
<i>Coelosphaerium pallidum</i>	blue-green	Cyanophyta	ES
<i>Coscinodiscus</i> sp.	centric diatom	Chrysophyta	ES
<i>Cosmarium formosulum</i>	green alga, desmid	Chlorophyta	ES
<i>Cosmarium granatum</i>	green alga, desmid	Chlorophyta	ES
<i>Cosmarium granatum</i> var. <i>granatum</i>	green alga, desmid	Chlorophyta	ES
<i>Cosmarium granulatum?</i>	green alga, desmid	Chlorophyta	ES
<i>Cosmarium</i> spp.	green algae, desmids	Chlorophyta	ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Crucigenia fenestrata</i>	green alga	Chlorophyta	ES
<i>Crucigenia mucronata</i>	green alga	Chlorophyta	ES
<i>Crucigenia quadrata</i>	green alga	Chlorophyta	ES
<i>Crucigenia tetrapedia</i>	green alga	Chlorophyta	ES
<i>Crucigeniella apiculata</i>	green alga	Chlorophyta	ES
<i>Crucigeniella rectangularis</i>	green alga	Chlorophyta	ES
<i>Cryptomonas compressa</i>	cryptomonad	Cryptophyta	ES
<i>Cryptomonas erosa</i>	cryptomonad	Cryptophyta	ES
<i>Cryptomonas erosa</i> var. <i>reflexa</i>	cryptomonad	Cryptophyta	CK
<i>Cryptomonas marssonii</i>	cryptomonad	Cryptophyta	ES
<i>Cryptomonas obovata</i>	cryptomonad	Cryptophyta	ES
<i>Cryptomonas ovata</i>	cryptomonad	Cryptophyta	ES
<i>Cryptomonas reflexa</i>	cryptomonad	Cryptophyta	ES
<i>Cryptomonas tenuis</i>	cryptomonad	Cryptophyta	ES
<i>Cryptomonas tetrapyrenoidosa</i>	cryptomonad	Cryptophyta	ES
<i>Cryptomonas</i> spp.	cryptomonads	Cryptophyta	ES
<i>Cyathomonas</i> sp.	cryptomonad	Cryptophyta	ES
<i>Cyathomonas truncata</i>	cryptomonad	Cryptophyta	ES
<i>Cyclostephanos invisitatus</i>	centric diatom	Chrysophyta	ES
<i>Cyclostephanos tholiformis</i>	centric diatom	Chrysophyta	ES
<i>Cyclotella atomus</i>	centric diatom	Chrysophyta	ES
<i>Cyclotella atomus</i> var. 1	centric diatom	Chrysophyta	ES
<i>Cyclotella meneghiniana</i>	centric diatom	Chrysophyta	ES
<i>Cyclotella meneghiniana</i> var. 1	centric diatom	Chrysophyta	ES
<i>Cyclotella pseudostelligera</i>	centric diatom	Chrysophyta	ES
<i>Cyclotella radiosa</i>	centric diatom	Chrysophyta	ES
<i>Cyclotella stelligera</i>	centric diatom	Chrysophyta	ES
<i>Cyclotella</i> spp.	centric diatoms	Chrysophyta	ES
<i>Cylindrotheca gracilis</i>	pennate diatom	Chrysophyta	ES
<i>Cymatopleura elliptica</i>	pennate diatom	Chrysophyta	CK
<i>Cymatopleura solea</i>	pennate diatom	Chrysophyta	ES
<i>Cymbella affinis</i>	pennate diatom	Chrysophyta	ES
<i>Cymbella caespitosa</i>	pennate diatom	Chrysophyta	ES
<i>Cymbella microcephala</i>	pennate diatom	Chrysophyta	ES
<i>Cymbella minuta</i>	pennate diatom	Chrysophyta	CK,ES
<i>Cymbella naviculiformis</i>	pennate diatom	Chrysophyta	ES
<i>Cymbella prostrata</i>	pennate diatom	Chrysophyta	CK
<i>Cymbella silesiaca</i>	pennate diatom	Chrysophyta	CK,ES
<i>Cymbella triangulum</i>	pennate diatom	Chrysophyta	LE
<i>Cymbella tumida</i>	pennate diatom	Chrysophyta	CK,ES
<i>Cymbella tumidula</i>	pennate diatom	Chrysophyta	CK,ES
<i>Cymbella turgidula</i>	pennate diatom	Chrysophyta	CK,ES
<i>Dactylococcopsis irregularis</i>	blue-green	Cyanophyta	ES
<i>Denticula kuetzingii</i>	pennate diatom	Chrysophyta	ES
<i>Desmococcus olivaceus</i>	green alga	Chlorophyta	CK
<i>Diatoma mesodon</i>	pennate diatom	Chrysophyta	ES
<i>Diatoma tenuis</i>	pennate diatom	Chrysophyta	ES
<i>Diatoma vulgare</i>	pennate diatom	Chrysophyta	ES
<i>Diatoma vulgare</i> var. <i>distorta</i>	pennate diatom	Chrysophyta	ES
<i>Dictyosphaerium puchellum</i>	green alga	Chlorophyta	ES
<i>Didymocystis inconspicua</i>	green alga	Chlorophyta	ES
<i>Didymocystis planctonicus</i>	green alga	Chlorophyta	ES
<i>Didymocystis</i> sp.	green alga	Chlorophyta	ES
<i>Didymogenes palatina</i>	green alga	Chlorophyta	ES
<i>Dinobryon bavaricum</i>	golden-brown alga	Chrysophyta	ES
<i>Dinobryon divergens</i>	golden-brown alga	Chrysophyta	ES
<i>Dinobryon sertularia</i>	golden-brown alga	Chrysophyta	ES
<i>Dinobryon sociale</i>	golden-brown alga	Chrysophyta	ES
<i>Dinobryon</i> sp.	golden-brown alga	Chrysophyta	ES
<i>Draparnaldia glomerata</i>	green alga	Chlorophyta	CK,ES
<i>Entomoneis ornata</i>	pennate diatom	Chrysophyta	LE
<i>Epipyxis tabellariae</i>	golden-brown alga	Chrysophyta	ES
<i>Epithemia adnata</i>	pennate diatom	Chrysophyta	ES
<i>Epithemia turgida</i>	pennate diatom	Chrysophyta	ES
<i>Eudorina elegans</i>	green alga	Chlorophyta	LE
<i>Euglena acus</i>	euglenoid	Euglenophyta	ES
<i>Euglena bellovacensis</i>	euglenoid	Euglenophyta	ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Euglena deses</i>	euglenoid	Euglenophyta	ES
<i>Euglena ehrenbergii</i>	euglenoid	Euglenophyta	ES
<i>Euglena elastica</i>	euglenoid	Euglenophyta	ES
<i>Euglena fronsundulata</i>	euglenoid	Euglenophyta	ES
<i>Euglena gasterosteus</i>	euglenoid	Euglenophyta	CK,ES
<i>Euglena gracilis</i>	euglenoid	Euglenophyta	ES
<i>Euglena ignobilis</i>	euglenoid	Euglenophyta	ES
<i>Euglena minima</i>	euglenoid	Euglenophyta	ES
<i>Euglena oxyuris</i>	euglenoid	Euglenophyta	ES
<i>Euglena oxyuris</i> var. <i>minima</i>	euglenoid	Euglenophyta	ES
<i>Euglena oxyuris</i> var. <i>minor</i>	euglenoid	Euglenophyta	ES
<i>Euglena pisciformis</i>	euglenoid	Euglenophyta	ES
<i>Euglena proxima</i>	euglenoid	Euglenophyta	ES
<i>Euglena spathirhyncha</i>	euglenoid	Euglenophyta	ES
<i>Euglena spirogyra</i>	euglenoid	Euglenophyta	ES
<i>Euglena tripteris</i>	euglenoid	Euglenophyta	ES
<i>Euglena vermiformis</i>	euglenoid	Euglenophyta	ES
<i>Euglena</i> spp.	euglenoids	Euglenophyta	CK,ES
<i>Eunotia arcus</i> var. <i>bidens</i>	pennate diatom	Chrysophyta	ES
<i>Eunotia bilunaris</i> var. <i>bilunaris</i>	pennate diatom	Chrysophyta	ES
<i>Eunotia bilunaris</i> var. <i>mucophila</i>	pennate diatom	Chrysophyta	ES
<i>Eunotia denticulata</i>	pennate diatom	Chrysophyta	ES
<i>Eunotia diodon</i>	pennate diatom	Chrysophyta	ES
<i>Eunotia exigua</i>	pennate diatom	Chrysophyta	ES
<i>Eunotia formica</i>	pennate diatom	Chrysophyta	ES
<i>Eunotia pectinalis</i>	pennate diatom	Chrysophyta	ES
<i>Eunotia</i> sp.	pennate diatom	Chrysophyta	ES
<i>Fragilaria capucina</i>	pennate diatom	Chrysophyta	CK,ES,LE
<i>Fragilaria capucina</i> var. <i>gracilis</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria capucina</i> var. <i>radians</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria capucina</i> var. <i>rumpens</i>	pennate diatom	Chrysophyta	CK,ES
<i>Fragilaria capucina</i> var. <i>vaucheriae</i>	pennate diatom	Chrysophyta	CK,ES
<i>Fragilaria construens</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria construens</i> f. <i>venter</i>	pennate diatom	Chrysophyta	CK,ES
<i>Fragilaria crotonensis</i>	pennate diatom	Chrysophyta	ES,LE
<i>Fragilaria fasciculata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Fragilaria leptostauron</i> var. <i>martyi</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria parasitica</i> var. <i>subconstricta</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria pulchella</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria tenera</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria ulna</i>	pennate diatom	Chrysophyta	CK,ES
<i>Fragilaria ulna</i> var. <i>acus</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria ulna</i> var. <i>danica</i>	pennate diatom	Chrysophyta	ES
<i>Fragilaria ulna</i> var. <i>obtusa</i>	pennate diatom	Chrysophyta	CK
<i>Fragilaria ulna</i> var. <i>oxyrhynchus</i>	pennate diatom	Chrysophyta	CK
<i>Fragilaria ulna</i> var. 1	pennate diatom	Chrysophyta	ES
<i>Fragilaria virescens</i>	pennate diatom	Chrysophyta	CK,ES
<i>Franceia droescheri</i>	green alga	Chlorophyta	ES
<i>Frustulia rhomboides</i>	pennate diatom	Chrysophyta	ES
<i>Frustulia vulgaris</i>	pennate diatom	Chrysophyta	ES
<i>Glenodinium</i> sp.	dinoflagellate	Pyrrhophyta	ES
<i>Gloeocapsa aeruginosa</i>	blue-green	Cyanophyta	CK
<i>Gloeocapsa</i> sp.	blue-green	Cyanophyta	ES
<i>Gloeocystis vesiculosa</i>	green alga	Chlorophyta	CK,ES
<i>Golenkinia radiata</i>	green alga	Chlorophyta	ES
<i>Golenkiniopsis</i> sp.	green alga	Chlorophyta	ES
<i>Gomphonema acuminatum</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema affine</i>	pennate diatom	Chrysophyta	CK,ES
<i>Gomphonema affine</i> var. <i>elongatum</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema amoenum</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema angustatum</i>	pennate diatom	Chrysophyta	CK,ES
<i>Gomphonema angustatum</i> var. <i>citera</i>	pennate diatom	Chrysophyta	CK
<i>Gomphonema angustatum</i> var. <i>sarcophogus</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema angustum</i>	pennate diatom	Chrysophyta	CK,ES
<i>Gomphonema augar</i> var. <i>spaerophorum</i>	pennate diatom	Chrysophyta	CK
<i>Gomphonema augur</i>	pennate diatom	Chrysophyta	CK,ES
<i>Gomphonema clavatum</i>	pennate diatom	Chrysophyta	ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Gomphonema clevei</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema dichotomum</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema gracile</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema minutum</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema minutum</i> f. <i>lamanense</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema olivaceum</i>	pennate diatom	Chrysophyta	CK,ES
<i>Gomphonema parvulum</i>	pennate diatom	Chrysophyta	CK,ES
<i>Gomphonema truncatum</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema truncatum</i> var. <i>elongata</i>	pennate diatom	Chrysophyta	ES
<i>Gomphonema</i> sp.	pennate diatom	Chrysophyta	ES
<i>Gomphosphaeria lacustris</i>	blue-green	Cyanophyta	ES
<i>Goniochloris fallax</i>	yellow-green alga	Chrysophyta	ES
<i>Gymnodinium aeruginosum</i>	dinoflagellate	Pyrrhophyta	ES
<i>Gymnodinium helveticum</i>	dinoflagellate	Pyrrhophyta	ES
<i>Gymnodinium palustre</i>	dinoflagellate	Pyrrhophyta	ES
<i>Gymnodinium</i> spp.	dinoflagellates	Pyrrhophyta	CK,ES
<i>Gyrosigma acuminatum</i>	pennate diatom	Chrysophyta	CK
<i>Gyrosigma attenuatum</i>	pennate diatom	Chrysophyta	ES
<i>Gyrosigma exilis</i>	pennate diatom	Chrysophyta	ES
<i>Gyrosigma scalproides</i>	pennate diatom	Chrysophyta	ES
<i>Gyrosigma</i> sp.	pennate diatom	Chrysophyta	ES
<i>Haematococcus pluvialis</i>	green alga	Chlorophyta	ES
<i>Hantzschia amphioxys</i>	pennate diatom	Chrysophyta	ES
<i>Katodinium fungiforme</i>	dinoflagellate	Pyrrhophyta	ES
<i>Kephyrion ovale</i>	golden-brown alga	Chrysophyta	ES
<i>Kephyrion spirale</i>	golden-brown alga	Chrysophyta	LE
<i>Kephyrion</i> spp.	golden-brown algae	Chrysophyta	ES
<i>Kirchneriella contorta</i> var. <i>contorta</i>	green alga	Chlorophyta	ES
<i>Kirchneriella contorta</i> var. <i>elegans</i>	green alga	Chlorophyta	ES
<i>Kirchneriella lunaris</i>	green alga	Chlorophyta	ES
<i>Kirchneriella</i> sp.	green alga	Chlorophyta	ES
<i>Korshikoviella limnetica</i>	green alga	Chlorophyta	ES
<i>Lagerheimia balatonica</i>	green alga	Chlorophyta	ES
<i>Lagerheimia ciliata</i>	green alga	Chlorophyta	ES
<i>Lagerheimia citriformis</i>	green alga	Chlorophyta	ES
<i>Lagerheimia genevensis</i>	green alga	Chlorophyta	ES
<i>Lagerheimia marssonii</i>	green alga	Chlorophyta	ES
<i>Lagerheimia subsalsa</i>	green alga	Chlorophyta	ES
<i>Lagerheimia wratislawiensis</i>	green alga	Chlorophyta	ES
<i>Lepocinclis ovum</i>	euglenoid	Euglenophyta	ES
<i>Lepocinclis ovum</i> f. <i>typica</i>	euglenoid	Euglenophyta	ES
<i>Lepocinclis ovum</i> var. <i>deflandriana</i>	euglenoid	Euglenophyta	ES
<i>Lepocinclis ovum</i> var. <i>dimidio-minor</i>	euglenoid	Euglenophyta	ES
<i>Lepocinclis ovum</i> var. <i>ovata</i> f. <i>ecaudata</i>	euglenoid	Euglenophyta	ES
<i>Lepocinclis texta</i> f. <i>minor</i>	euglenoid	Euglenophyta	ES
<i>Lepocinclis</i> spp.	euglenoids	Euglenophyta	CK,ES
<i>Lyngbya</i> sp.	blue-green	Cyanophyta	CK,ES
<i>Mallomonas acaroides</i>	golden-brown alga	Chrysophyta	ES
<i>Mallomonas elegans</i>	golden-brown alga	Chrysophyta	ES
<i>Mallomonas intermedia</i>	golden-brown alga	Chrysophyta	ES
<i>Melosira varians</i>	centric diatom	Chrysophyta	ES
<i>Menoidium gibbum</i>	euglenoid	Euglenophyta	ES
<i>Meridion circulare</i>	pennate diatom	Chrysophyta	CK,ES
<i>Meridion circulare</i> var. <i>constrictum</i>	pennate diatom	Chrysophyta	ES
<i>Merismopedia glauca</i>	blue-green	Cyanophyta	ES
<i>Merismopedia minima</i>	blue-green	Cyanophyta	CK,ES
<i>Merismopedia tenuissima</i>	blue-green	Cyanophyta	ES
<i>Micractinium pusillum</i>	green alga	Chlorophyta	ES
<i>Microcoleus lyngbyaceus</i>	blue-green	Cyanophyta	CK
<i>Microcystis aeruginosa</i>	blue-green	Cyanophyta	ES
<i>Microcystis minutissima</i>	blue-green	Cyanophyta	ES
<i>Microcystis</i> sp.	blue-green	Cyanophyta	ES
<i>Microglena</i> sp.	golden-brown alga	Chrysophyta	ES
<i>Microspora</i> sp.	green alga	Chlorophyta	ES
<i>Microspora stagnorum</i>	green alga	Chlorophyta	ES
<i>Monas guttula</i>	golden-brown alga	Chrysophyta	ES
<i>Monas socialis</i>	golden-brown alga	Chrysophyta	ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Monas</i> sp.	golden-brown alga	Chrysophyta	ES
<i>Monoraphidium arcuatum</i>	green alga	Chlorophyta	ES,LE
<i>Monoraphidium circinale</i>	green alga	Chlorophyta	ES
<i>Monoraphidium contortum</i>	green alga	Chlorophyta	ES
<i>Monoraphidium convolutum</i> var. <i>convolutum</i>	green alga	Chlorophyta	ES
<i>Monoraphidium griffithii</i>	green alga	Chlorophyta	ES
<i>Monoraphidium komarkovae</i>	green alga	Chlorophyta	ES
<i>Monoraphidium mirabile</i>	green alga	Chlorophyta	ES
<i>Monoraphidium</i> sp.	green alga	Chlorophyta	ES
<i>Mougeotia</i> sp.	green alga	Chlorophyta	ES
<i>Navicula absoluta</i>	pennate diatom	Chrysophyta	ES
<i>Navicula agnita</i>	pennate diatom	Chrysophyta	ES
<i>Navicula arvensis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula atomus</i>	pennate diatom	Chrysophyta	ES
<i>Navicula atomus</i> var. <i>permitis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula bacillum</i>	pennate diatom	Chrysophyta	ES
<i>Navicula bahusiensis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula capitata</i>	pennate diatom	Chrysophyta	ES
<i>Navicula capitata</i> var. <i>capitata</i>	pennate diatom	Chrysophyta	ES
<i>Navicula capitatoradiata</i>	pennate diatom	Chrysophyta	ES
<i>Navicula cincta</i>	pennate diatom	Chrysophyta	ES
<i>Navicula confervacea</i>	pennate diatom	Chrysophyta	ES
<i>Navicula contenta</i>	pennate diatom	Chrysophyta	ES
<i>Navicula cryptocephala</i>	pennate diatom	Chrysophyta	ES
<i>Navicula cryptotenella</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula cuspidata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula decussis</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula elginensis</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula erifuga</i>	pennate diatom	Chrysophyta	ES
<i>Navicula goeppertiana</i>	pennate diatom	Chrysophyta	ES
<i>Navicula goeppertiana</i> var. <i>goeppertiana</i>	pennate diatom	Chrysophyta	ES
<i>Navicula goeppertiana</i> var. <i>monita</i>	pennate diatom	Chrysophyta	ES
<i>Navicula gregaria</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula grunowii</i> var. 1	pennate diatom	Chrysophyta	ES
<i>Navicula halophila</i>	pennate diatom	Chrysophyta	ES
<i>Navicula heimansii</i>	pennate diatom	Chrysophyta	ES
<i>Navicula hustedtii</i>	pennate diatom	Chrysophyta	ES
<i>Navicula ingenua</i>	pennate diatom	Chrysophyta	ES
<i>Navicula insocibilis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula integra</i>	pennate diatom	Chrysophyta	ES
<i>Navicula lanceolata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula menisculus</i>	pennate diatom	Chrysophyta	ES
<i>Navicula menisculus</i> var. <i>grunowii</i>	pennate diatom	Chrysophyta	ES
<i>Navicula menisculus</i> var. <i>upsaliensis</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula minima</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula minima</i> var. <i>pseudofossalis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula minusculoides</i>	pennate diatom	Chrysophyta	ES
<i>Navicula molestiformis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula monoculata</i>	pennate diatom	Chrysophyta	ES
<i>Navicula mutica</i>	pennate diatom	Chrysophyta	ES
<i>Navicula mutica</i> var. <i>ventricosa</i>	pennate diatom	Chrysophyta	ES
<i>Navicula pelliculosa</i>	pennate diatom	Chrysophyta	ES
<i>Navicula praeterita</i>	pennate diatom	Chrysophyta	ES
<i>Navicula pseudolanceolata</i>	pennate diatom	Chrysophyta	ES
<i>Navicula pupula</i>	pennate diatom	Chrysophyta	ES
<i>Navicula pupula</i> var. <i>aquaeductae</i>	pennate diatom	Chrysophyta	ES
<i>Navicula pupula</i> var. <i>rectangularis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula pygmaea</i>	pennate diatom	Chrysophyta	ES
<i>Navicula radiosa</i>	pennate diatom	Chrysophyta	ES
<i>Navicula recens</i>	pennate diatom	Chrysophyta	ES
<i>Navicula rhynchocephala</i>	pennate diatom	Chrysophyta	ES
<i>Navicula salinarum</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula saprophila</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula schroeterii</i>	pennate diatom	Chrysophyta	ES
<i>Navicula similis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula seminulum</i>	pennate diatom	Chrysophyta	ES
<i>Navicula splendicula</i>	pennate diatom	Chrysophyta	ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Navicula subminuscula</i>	pennate diatom	Chrysophyta	ES
<i>Navicula submolesta</i>	pennate diatom	Chrysophyta	ES
<i>Navicula tenelloides</i>	pennate diatom	Chrysophyta	ES
<i>Navicula tenera</i>	pennate diatom	Chrysophyta	ES
<i>Navicula tripunctata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula tripunctata</i> var. <i>schizonemoides</i>	pennate diatom	Chrysophyta	ES
<i>Navicula trivialis</i>	pennate diatom	Chrysophyta	ES
<i>Navicula vaucherie</i>	pennate diatom	Chrysophyta	ES
<i>Navicula veneta</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula viridula</i>	pennate diatom	Chrysophyta	ES
<i>Navicula viridula</i> var. <i>germainii</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula viridula</i> var. <i>rostellata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Navicula viridula</i> var. 1	pennate diatom	Chrysophyta	ES
<i>Navicula</i> spp.	pennate diatoms	Chrysophyta	ES
<i>Nedium affine</i>	pennate diatom	Chrysophyta	ES
<i>Nedium dubium</i>	pennate diatom	Chrysophyta	ES
<i>Neodesmus danubialis</i>	green alga	Chlorophyta	ES
<i>Nephrochlamys subsolitaria</i>	green alga	Chlorophyta	ES
<i>Nephrochlamys</i> spp.	green algae	Chlorophyta	ES
<i>Nitzschia acicularis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia acidoclinata</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia acuminata</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia admissoides</i>	pennate diatom	Chrysophyta	CK
<i>Nitzschia agnita</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia amphibia</i>	pennate diatom	Chrysophyta	CK,ES
<i>Nitzschia angustata</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia angustatula</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia angustiforaminata</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia bita?</i>	pennate diatom	Chrysophyta	CK
<i>Nitzschia brevissima</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia capitellata</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia clausii</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia closterium</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia communis</i>	pennate diatom	Chrysophyta	CK,ES
<i>Nitzschia commutatooides</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia compressa</i> var. <i>vexans</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia constricta</i>	pennate diatom	Chrysophyta	CK
<i>Nitzschia dissipata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Nitzschia dissipata</i> var. <i>media</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia dubia</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia filiformis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia fonticola</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia frustulum</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia frustulum</i> var. <i>perpusilla</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia fruticosa</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia gracilis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia hantzschiana</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia hungarica</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia inconspicua</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia intermedia</i>	pennate diatom	Chrysophyta	CK,ES
<i>Nitzschia levidensis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia linearis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia linearis</i> var. <i>subtilis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia littoralis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia microcephala</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia nereidis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia palea</i>	pennate diatom	Chrysophyta	CK,ES
<i>Nitzschia palea</i> var. <i>minuta</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia paleacea</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia parvula</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia perspicua</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia plana</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia pusilla</i>	pennate diatom	Chrysophyta	CK,ES
<i>Nitzschia recta</i>	pennate diatom	Chrysophyta	CK,ES
<i>Nitzschia reversa</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia sigma</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia sigmaidea</i>	pennate diatom	Chrysophyta	CK,ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Nitzschia sinuata</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia sinuata</i> var. <i>tabellaria</i>	pennate diatom	Chrysophyta	CK,ES
<i>Nitzschia sociabilis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia solita</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia spiculum</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia stricta</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia subacicularis</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia supralitorea</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia tropica</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia tryblionella</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia tubicola</i>	pennate diatom	Chrysophyta	ES
<i>Nitzschia valga</i>	pennate diatom	Chrysophyta	ES
<i>Ochromonas ludibunda</i>	golden-brown alga	Chrysophyta	ES
<i>Ochromonas nana</i>	golden-brown alga	Chrysophyta	ES
<i>Ochromonas</i> sp.	golden-brown alga	Chrysophyta	ES
<i>Oedogonium</i> sp.	green alga	Chlorophyta	ES
<i>Oocystis lacustris</i>	green alga	Chlorophyta	ES,LE
<i>Oocystis novae-semiliae</i>	green alga	Chlorophyta	ES
<i>Oocystis parva</i>	green alga	Chlorophyta	ES
<i>Oocystis pusilla</i>	green alga	Chlorophyta	ES
<i>Oocystis</i> sp.	green alga	Chlorophyta	ES
<i>Ophiocytium capitatum</i> var. <i>longispina</i>	yellow-green alga	Chrysophyta	ES
<i>Oscillatoria agardhii</i>	blue-green	Cyanophyta	ES,LE
<i>Oscillatoria amphibia</i>	blue-green	Cyanophyta	ES
<i>Oscillatoria chlorina</i>	blue-green	Cyanophyta	LE
<i>Oscillatoria granulata</i>	blue-green	Cyanophyta	ES
<i>Oscillatoria hamelii</i>	blue-green	Cyanophyta	ES,LE
<i>Oscillatoria limosa</i>	blue-green	Cyanophyta	CK,ES
<i>Oscillatoria prolifica</i>	blue-green	Cyanophyta	LE
<i>Oscillatoria subbrevis</i>	blue-green	Cyanophyta	CK,ES
<i>Oscillatoria tenuis</i>	blue-green	Cyanophyta	CK,ES
<i>Oscillatoria</i> spp.	blue-greens	Cyanophyta	ES,LE
<i>Pandorina</i> sp.	green alga	Chlorophyta	ES
<i>Pandorinamorum</i>	green alga	Chlorophyta	ES
<i>Pediastrum boryanum</i>	green alga	Chlorophyta	ES
<i>Pediastrum duplex</i>	green alga	Chlorophyta	ES
<i>Pediastrum duplex</i> var. <i>duplex</i>	green alga	Chlorophyta	ES
<i>Pediastrum duplex</i> var. <i>reticulatum</i>	green alga	Chlorophyta	ES
<i>Pediastrum simplex</i>	green alga	Chlorophyta	ES
<i>Pediastrum simplex</i> var. <i>biwaense</i>	green alga	Chlorophyta	ES
<i>Pediastrum simplex</i> var. <i>echinulatum</i>	green alga	Chlorophyta	ES
<i>Pediastrum simplex</i> var. <i>sturmii</i>	green alga	Chlorophyta	ES
<i>Pediastrum tetras</i>	green alga	Chlorophyta	ES
<i>Pediastrum tetras</i> var. <i>tetraodon</i>	green alga	Chlorophyta	ES
<i>Pediastrum</i> sp.	green alga	Chlorophyta	ES
<i>Pedinopera</i> sp.	green alga	Chlorophyta	ES
<i>Perdiniopsis quadridens</i>	dinoflagellate	Pyrrhophyta	ES
<i>Phacotus lenticularis</i>	green alga	Chlorophyta	ES
<i>Phacotus</i> sp.	green alga	Chlorophyta	ES
<i>Phacus acuminatus</i>	euglenoid	Euglenophyta	CK,ES
<i>Phacus arnoldi</i>	euglenoid	Euglenophyta	ES
<i>Phacus caudatus</i>	euglenoid	Euglenophyta	ES
<i>Phacus contortus</i>	euglenoid	Euglenophyta	ES
<i>Phacus curvicauda</i>	euglenoid	Euglenophyta	ES
<i>Phacus helikoides</i>	euglenoid	Euglenophyta	ES
<i>Phacus longicauda</i>	euglenoid	Euglenophyta	ES
<i>Phacus obicularis</i>	euglenoid	Euglenophyta	ES
<i>Phacus pleuronectes</i>	euglenoid	Euglenophyta	ES
<i>Phacus pseudonordstedii</i>	euglenoid	Euglenophyta	ES
<i>Phacus rudicula</i>	euglenoid	Euglenophyta	ES
<i>Phacus tortus</i>	euglenoid	Euglenophyta	ES
<i>Phacus triqueter</i>	euglenoid	Euglenophyta	ES
<i>Phacus</i> sp.	euglenoid	Euglenophyta	ES
<i>Phormidium tenue</i>	blue-green	Cyanophyta	ES
<i>Physomonas vestita</i>	golden-brown alga	Chrysophyta	ES
<i>Pinnularia abaujensis</i> var. <i>rostrata</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia borealis</i>	pennate diatom	Chrysophyta	LE

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Pinnularia intermedia</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia microstauron</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia microstauron</i> var. <i>brebissonii</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia microstauron</i> var. <i>b. f. diminuta</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia nodosa</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia obscura</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia stomatophora</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia viridis</i>	pennate diatom	Chrysophyta	ES
<i>Pinnularia</i> sp.	pennate diatom	Chrysophyta	ES
<i>Plagiotropis lepidoptera</i> var. <i>probosidea</i>	pennate diatom	Chrysophyta	ES
<i>Planonephros parvula</i>	cryptomonad	Cryptophyta	ES
<i>Pleurosigma delicatulum</i>	pennate diatom	Chrysophyta	CK
<i>Pseudokephyrion cylindricum</i>	golden-brown alga	Chrysophyta	ES
<i>Pseudokephyrion entzii</i> f. <i>granulata</i>	golden-brown alga	Chrysophyta	ES
<i>Pseudosphaerocystis lacustris</i>	green alga	Chlorophyta	CK,ES
<i>Pseudostaurastrum hastatum</i>	yellow-green alga	Chrysophyta	ES
<i>Pteromonas angulosa</i>	green alga	Chlorophyta	ES
<i>Pteromonas</i> sp.	green alga	Chlorophyta	ES
<i>Quadrigula closteroides</i>	green alga	Chlorophyta	ES
<i>Quadrigula lacustris</i>	green alga	Chlorophyta	ES
<i>Radiofilum conjunctivum</i>	green alga	Chlorophyta	CK
<i>Raphidiopsis mediterranea</i>	blue-green	Cyanophyta	LE
<i>Reimeria sinuata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Rhabdoderma minima</i>	blue-green	Cyanophyta	ES
<i>Rhabdoderma</i> sp.	blue-green	Cyanophyta	ES
<i>Rhabdomonas</i> sp.	euglenoid	Euglenophyta	ES
<i>Rhizoclonium hieroglyphicum</i>	green alga	Chlorophyta	CK
<i>Rhizosolenia eriensis</i>	centric diatom	Chrysophyta	ES
<i>Rhodomonas lacustris</i>	cryptomonad	Cryptophyta	ES
<i>Rhodomonas lens</i>	cryptomonad	Cryptophyta	ES
<i>Rhodomonas minuta</i>	cryptomonad	Cryptophyta	ES
<i>Rhodomonas minuta</i> var. <i>nannoplanctonica</i>	cryptomonad	Cryptophyta	ES,LE
<i>Rhodomonas</i> spp.	cryptomonads	Cryptophyta	CK,ES
<i>Rhoicosphenia abbreviata</i>	pennate diatom	Chrysophyta	CK,ES
<i>Scenedesmus acuminatus</i>	green alga	Chlorophyta	ES
<i>Scenedesmus acuminatus</i> var. <i>minor</i>	green alga	Chlorophyta	ES
<i>Scenedesmus armatus</i>	green alga	Chlorophyta	ES
<i>Scenedesmus bicaudatus</i>	green alga	Chlorophyta	ES
<i>Scenedesmus bijuga</i>	green alga	Chlorophyta	ES
<i>Scenedesmus bijuga</i> var. <i>alternans</i>	green alga	Chlorophyta	ES
<i>Scenedesmus brevispina</i>	green alga	Chlorophyta	ES
<i>Scenedesmus denticulatus</i>	green alga	Chlorophyta	ES
<i>Scenedesmus dimorphus</i>	green alga	Chlorophyta	CK,ES
<i>Scenedesmus hystrix</i>	green alga	Chlorophyta	ES
<i>Scenedesmus longispina</i>	green alga	Chlorophyta	ES
<i>Scenedesmus opoliensis</i>	green alga	Chlorophyta	CK,ES
<i>Scenedesmus quadricauda</i>	green alga	Chlorophyta	ES
<i>Scenedesmus quadricauda</i> var. <i>longispina</i>	green alga	Chlorophyta	ES
<i>Scenedesmus sempervirens</i>	green alga	Chlorophyta	ES
<i>Scenedesmus serratus</i>	green alga	Chlorophyta	ES
<i>Scenedesmus smithii</i>	green alga	Chlorophyta	ES
<i>Scenedesmus sooi</i> ?	green alga	Chlorophyta	ES
<i>Scenedesmus subspicatus</i>	green alga	Chlorophyta	ES
<i>Scenedesmus verrucosus</i>	green alga	Chlorophyta	ES
<i>Scenedesmus</i> spp.	green algae	Chlorophyta	CK,ES
<i>Schizothrix calcicola</i>	blue-green	Cyanophyta	CK,ES
<i>Schroederia indica</i>	green alga	Chlorophyta	LE
<i>Schroederia robusta</i>	green alga	Chlorophyta	ES
<i>Schroederia setigera</i>	green alga	Chlorophyta	ES
<i>Schroederia spiralis</i>	green alga	Chlorophyta	ES
<i>Scytomonas</i> sp.	euglenoid	Euglenophyta	ES
<i>Selenastrum capricornutum</i>	green alga	Chlorophyta	ES
<i>Selenastrum</i> sp.	green alga	Chlorophyta	ES
<i>Skeletonema potamos</i>	centric diatom	Chrysophyta	ES
<i>Sphaerellopsis</i> spp.	green algae	Chlorophyta	ES
<i>Spirogyra</i> sp.	green alga	Chlorophyta	CK,ES
<i>Spirulina</i> sp.	blue-green	Cyanophyta	ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Spumella</i> sp.	golden-brown alga	Chrysophyta	ES
<i>Staurastrum gracile</i>	green alga, desmid	Chlorophyta	ES
<i>Stauroneis anceps</i>	pennate diatom	Chrysophyta	ES
<i>Stauroneis kriegeri</i>	pennate diatom	Chrysophyta	ES
<i>Stauroneis phoenicenteron</i>	pennate diatom	Chrysophyta	ES
<i>Stauroneis smithii</i>	pennate diatom	Chrysophyta	ES
<i>Stauroneis thermicola</i>	pennate diatom	Chrysophyta	ES
<i>Stephanodiscus alpinus</i>	centric diatom	Chrysophyta	ES
<i>Stephanodiscus binderanus</i>	centric diatom	Chrysophyta	ES,LE
<i>Stephanodiscus hantzschii</i>	centric diatom	Chrysophyta	ES
<i>Stephanodiscus minutulus</i>	centric diatom	Chrysophyta	ES
<i>Stephanodiscus nipigonensis</i>	centric diatom	Chrysophyta	ES
<i>Stephanodiscus parvus</i>	centric diatom	Chrysophyta	ES
<i>Stephanodiscus rotula</i>	centric diatom	Chrysophyta	CK,ES,LE
<i>Stephanodiscus subtilis</i>	centric diatom	Chrysophyta	ES
<i>Stephanodiscus</i> sp.	centric diatom	Chrysophyta	ES
<i>Stigeoclonium farctum</i>	green alga	Chlorophyta	ES
<i>Stigeoclonium tenue</i>	green alga	Chlorophyta	ES
<i>Stigeoclonium</i> sp.	green alga	Chlorophyta	ES
<i>Stipitococcus vasiformis</i>	yellow-green alga	Chrysophyta	ES
<i>Stokesiella</i> sp.	golden-brown alga	Chrysophyta	ES
<i>Strombomonas acuminata</i>	euglenoid	Euglenophyta	ES
<i>Strombomonas fluviatilis</i>	euglenoid	Euglenophyta	ES
<i>Strombomonas gibberosa</i>	euglenoid	Euglenophyta	ES
<i>Strombomonas longicauda</i>	euglenoid	Euglenophyta	ES
<i>Strombomonas schauinslandii</i>	euglenoid	Euglenophyta	ES
<i>Strombomonas verrucosa</i> var. <i>zmiewika</i>	euglenoid	Euglenophyta	ES
<i>Strombomonas</i> sp.	euglenoid	Euglenophyta	ES
<i>Surirella angusta</i>	pennate diatom	Chrysophyta	ES
<i>Surirella brebissonii</i> var. <i>kuetzingii</i>	pennate diatom	Chrysophyta	ES
<i>Surirella minuta</i>	pennate diatom	Chrysophyta	CK,ES
<i>Surirella ovalis</i>	pennate diatom	Chrysophyta	ES
<i>Surirella suecica</i>	pennate diatom	Chrysophyta	ES
<i>Surirella tenera</i>	pennate diatom	Chrysophyta	ES
<i>Surirella turgida</i>	pennate diatom	Chrysophyta	ES
<i>Synechococcus leopoliensis</i>	blue-green	Cyanophyta	ES
<i>Synechococcus</i> sp.	blue-green	Cyanophyta	ES
<i>Synura uvella</i>	golden-brown alga	Chrysophyta	ES
<i>Tabellaria fenestrata</i>	pennate diatom	Chrysophyta	ES
<i>Tabellaria</i> sp.	pennate diatom	Chrysophyta	ES
<i>Tetraedron caudatum</i>	green alga	Chlorophyta	ES
<i>Tetraedron incus</i>	green alga	Chlorophyta	ES
<i>Tetraedron minimum</i>	green alga	Chlorophyta	CK,ES
<i>Tetraedron muticum</i>	green alga	Chlorophyta	ES
<i>Tetraedron regulare</i>	green alga	Chlorophyta	ES
<i>Tetraedron trigonum</i> var. <i>gracile</i>	green alga	Chlorophyta	ES
<i>Tetrastrum elegans</i>	green alga	Chlorophyta	ES
<i>Tetrastrum glabrum</i>	green alga	Chlorophyta	CK,ES
<i>Tetrastrum heteracanthum</i>	green alga	Chlorophyta	ES
<i>Tetrastrum heteracanthum</i> (<i>elegans</i> f.)	green alga	Chlorophyta	ES
<i>Tetrastrum punctatum</i>	green alga	Chlorophyta	ES
<i>Tetrastrum staurogeniaeforme</i>	green alga	Chlorophyta	ES
<i>Thalassiosira pseudonana</i>	centric diatom	Chrysophyta	ES
<i>Thalassiosira weissflogii</i>	centric diatom	Chrysophyta	ES
<i>Trachelomonas abrupta</i> var. <i>minor</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas armata</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas bulla</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas crebea</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas granulosa</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas hispida</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas horrida</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas lacustris</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas oblonga</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas oblonga</i> var. <i>attenuata</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas oblonga</i> var. <i>truncata</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas oblonga</i> var. <i>umbilicophora</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas planctonica</i>	euglenoid	Euglenophyta	ES

KINGDOMS MONERA AND PROTISTA (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Trachelomonas scabra</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas spiralis</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas superba</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas varians</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas volvocina</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas volvocina</i> var. <i>minuta</i>	euglenoid	Euglenophyta	ES
<i>Trachelomonas</i> spp.	euglenoids	Euglenophyta	ES
<i>Treubaria quadrispina</i>	green alga	Chlorophyta	ES
<i>Treubaria schmidlei</i>	green alga	Chlorophyta	ES
<i>Treubaria triappendiculata</i>	green alga	Chlorophyta	ES
<i>Ulothrix tenerrima</i>	green alga	Chlorophyta	CK
<i>Ulothrix tenuissima</i>	green alga	Chlorophyta	CK
<i>Ulothrix</i> sp.	green alga	Chlorophyta	ES
<i>Urceolus ovatus</i>	euglenoid	Euglenophyta	ES
<i>Urceolus sabulosus</i>	euglenoid	Euglenophyta	ES
<i>Vaucheria</i> sp.	yellow-green alga	Chrysophyta	ES
<i>Volvox</i> sp.	green alga	Chlorophyta	ES
<i>Willea irregularis</i>	green alga	Chlorophyta	ES
<i>Woloszynskia coronata</i>	dinoflagellate	Pyrrhophyta	ES

KINGDOM FUNGI
(fungi and lichens)

<i>Achlya americana</i>	water mold	Phycomycota	LE,RE
<i>Achlya bisexualis</i>	water mold	Phycomycota	LE,RE
<i>Achlya debaryana</i>	water mold	Phycomycota	LE,RE
<i>Achlya dubia</i>	water mold	Phycomycota	LE,RE
<i>Achlya flagellata</i>	water mold	Phycomycota	LE,RE
<i>Achlya klebsiana</i>	water mold	Phycomycota	LE,RE
<i>Achlya polyandra</i>	water mold	Phycomycota	LE,RE
<i>Achlya prolifera</i>	water mold	Phycomycota	LE,RE
<i>Achlya proliferoides</i>	water mold	Phycomycota	LE,RE
<i>Achlya rodrigueziana</i>	water mold	Phycomycota	LE,RE
<i>Achlya</i> sp.	water mold	Phycomycota	LE,RE
<i>Acryodes incarnata</i>	slime mold	Myxomycota	RE
<i>Aecidium cimicifugatum</i>	rust	Basidiomycota	RE
<i>Aecidium compositatum</i>	rust	Basidiomycota	RE
<i>Aecidium fraxini</i>	rust	Basidiomycota	RE
<i>Aecidium grossulariæ</i>	rust	Basidiomycota	RE
<i>Aecidium impatientis</i>	rust	Basidiomycota	RE
<i>Aecidium nesææ</i>	rust	Basidiomycota	RE
<i>Aecidium oenotheræ</i>	rust	Basidiomycota	RE
<i>Aecidium pammelii</i>	rust	Basidiomycota	RE
<i>Aecidium pustulatum</i>	rust	Basidiomycota	RE
<i>Agaricus campestris</i>	meadow mushroom	Basidiomycota	CK
<i>Agaricus comtulus</i>	agaricus	Basidiomycota	RE
<i>Alectoria nidulifera</i>	lichen	Mycophycophyta	RE
<i>Aleuria aurantia</i>	orange peel fungus	Ascomycota	CK
<i>Allodus podophylli</i>	May-apple rust	Basidiomycota	CK
<i>Allomyces arbuscula</i>	water mold	Phycomycota	LE,FE
<i>Amanita phalloides</i>	death cup	Basidiomycota	RE
<i>Amanitopsis vaginata</i>	sheathed amanitopsis	Basidiomycota	RE
<i>Anaptychia echinata</i>	lichen	Mycophycophyta	RE
<i>Anaptychia hypoleuca</i>	lichen	Mycophycophyta	RE
<i>Anaptychia leucomelaena</i>	lichen	Mycophycophyta	RE
<i>Anaptychia palmulata</i>	lichen	Mycophycophyta	RE
<i>Anaptychia speciosa</i>	lichen	Mycophycophyta	RE
<i>Aphanomyces euteiches</i>	water mold	Phycomycota	LE,FE
<i>Aphanomyces laevis</i>	water mold	Phycomycota	LE,FE
<i>Aphanomyces scaber</i>	water mold	Phycomycota	LE,FE
<i>Aphanomyces</i> sp.	water mold	Phycomycota	LE,FE
<i>Apiognomonia veneta</i>	sycamore anthracnose	Ascomycota	CK
<i>Apiosporina morbosa</i>	black knot	Ascomycota	CK
<i>Apodachlya brachynema</i>	water mold	Phycomycota	LE,RE
<i>Arcyria cinerea</i>	slime mold	Myxomycota	RE
<i>Arcyria denudata</i>	carnival candy slime	Myxomycota	RE
<i>Arcyria incarnata</i>	slime mold	Myxomycota	RE

KINGDOM FUNGI (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Arcyria nutans</i>	slime mold	Myxomycota	RE
<i>Armillaria mellea</i>	honey mushroom	Basidiomycota	CK
<i>Arthonia punctiformis</i>	lichen	Mycophycophyta	RE
<i>Arthonia radiata</i>	lichen	Mycophycophyta	RE
<i>Arthopyrenia alba</i>	lichen	Mycophycophyta	RE
<i>Arthrothelium spectabile</i>	lichen	Mycophycophyta	RE
<i>Aspergillus herbariorum</i>	mold	Ascomycota	RE
<i>Aspergillus niger</i>	mold	Ascomycota	RE
<i>Atrichum undulatum</i>	wavy Catherinea mushroom	Basidiomycota	CK
<i>Bacidia fuscorubella</i>	lichen	Mycophycophyta	RE
<i>Bacidia schweinitzii</i>	lichen	Mycophycophyta	RE
<i>Badhamia affinis</i>	slime mold	Myxomycota	RE
<i>Bilimbia sabuletorum</i>	lichen	Mycophycophyta	RE
<i>Bilimbia trachona</i>	lichen	Mycophycophyta	RE
<i>Bjerkandera adusta</i>	pore fungus	Basidiomycota	CK
<i>Blastocladia globosa</i>	water mold	Phycomycota	LE,RE
<i>Blastocladia pringsheimii</i>	water mold	Phycomycota	LE,RE
<i>Blastocladia ramosa</i>	water mold	Phycomycota	LE,RE
<i>Blastocladia simplex</i>	water mold	Phycomycota	LE,RE
<i>Blastocladia tenuis</i>	water mold	Phycomycota	LE,RE
<i>Blumeriella jaapii</i>	cherry leaf spot	Ascomycota	CK
<i>Boletus chrysenteron</i>	golden-flesh or red-crack bolete	Basidiomycota	RE
<i>Boletus piperatus</i>	edible bolete	Basidiomycota	RE
<i>Botryosphaeria dothidea</i>	white apple rot	Ascomycota	CK
<i>Botryosphaeria obtusa</i>	black apple rot	Ascomycota	CK
<i>Botrytis cinerea</i>	raspberry mold	Deuteromycota	CK
<i>Bovista pila</i>	common puffball	Basidiomycota	CK
<i>Buellia parasema</i>	lichen	Mycophycophyta	RE
<i>Calocera cornea</i>	clublike tuning fork	Basidiomycota	RE
<i>Calonema aureum</i>	slime mold	Myxomycota	RE
<i>Caloplaca aurantiaca</i>	lichen	Mycophycophyta	RE
<i>Caloplaca cerina</i>	lichen	Mycophycophyta	RE
<i>Calvatia gigantea</i>	giant puffball	Basidiomycota	CK
<i>Candelaria concolor</i>	lichen	Mycophycophyta	RE
<i>Candelaria fibrosa</i>	lichen	Mycophycophyta	RE
<i>Cercospora chenopodii</i>	imperfect fungus	Deuteromycota	RE
<i>Cercospora clavata</i>	imperfect fungus	Deuteromycota	RE
<i>Cercospora helianthi</i>	imperfect fungus	Deuteromycota	RE
<i>Cercospora maianthemii</i>	imperfect fungus	Deuteromycota	RE
<i>Cercospora monoica</i>	imperfect fungus	Deuteromycota	RE
<i>Cercospora osmorhizæ</i>	imperfect fungus	Deuteromycota	RE
<i>Cercospora oxybaphi</i>	imperfect fungus	Deuteromycota	RE
<i>Cercospora tuberosa</i>	imperfect fungus	Deuteromycota	RE
<i>Cetraria ciliaris</i>	shield lichen	Mycophycophyta	RE
<i>Cetraria ericetorum</i>	shield lichen	Mycophycophyta	RE
<i>Cicinnobolus cesatii</i>	imperfect fungus	Deuteromycota	RE
<i>Cladonia arbuscula</i>	lichen	Mycophycophyta	RE
<i>Cladonia bacillaris</i>	lichen	Mycophycophyta	RE
<i>Cladonia caespiticia</i>	lichen	Mycophycophyta	RE
<i>Cladonia capitata</i>	lichen	Mycophycophyta	RE
<i>Cladonia coniocraea</i>	lichen	Mycophycophyta	RE
<i>Cladonia conista</i>	lichen	Mycophycophyta	RE
<i>Cladonia cristatella</i>	British soldiers or red crest lichen	Mycophycophyta	RE
<i>Cladonia cryptochlorophaea</i>	lichen	Mycophycophyta	RE
<i>Cladonia fimbriata</i>	lichen	Mycophycophyta	RE
<i>Cladonia furcata</i>	lichen	Mycophycophyta	RE
<i>Cladonia gracilis</i>	spoon lichen	Mycophycophyta	RE
<i>Cladonia grayi</i>	lichen	Mycophycophyta	RE
<i>Cladonia nemoxyna</i>	lichen	Mycophycophyta	RE
<i>Cladonia parasitica</i>	lichen	Mycophycophyta	RE
<i>Cladonia pyxidata</i>	pixie cup lichen	Mycophycophyta	RE
<i>Cladonia rangiferina</i>	reindeer lichen	Mycophycophyta	RE
<i>Cladonia squamosa</i>	lichen	Mycophycophyta	RE
<i>Cladonia subcariosa</i>	lichen	Mycophycophyta	RE
<i>Cladonia verticillata</i>	ladder lichen	Mycophycophyta	RE
<i>Cladonia sp.</i>	reindeer moss	Mycophycophyta	CK

KINGDOM FUNGI (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Cladosporium carpophilum</i>	peach scab	Deuteromycota	CK
<i>Clavaria flaccida</i>	soft coral fungus	Basidiomycota	RE
<i>Clavaria pyxidata</i>	edible coral fungus	Basidiomycota	RE
<i>Clavaria</i> sp.	coral mushroom	Basidiomycota	CK
<i>Claviceps purpurea</i>	ergot claviceps	Ascomycota	RE
<i>Clitocybe infundibuliformis-membranacea</i>	funnel clitocybe	Basidiomycota	RE
<i>Clitopilus abortivus</i>	field type mushroom	Basidiomycota	CK
<i>Coleosporium sonchi-arvensis</i>	rust	Basidiomycota	RE
<i>Collema subfurvum</i>	lichen	Mycophycophyta	RE
<i>Collybia delicatella</i>	collybia	Basidiomycota	RE
<i>Collybia dryophila</i>	oak-loving collybia	Basidiomycota	RE
<i>Collybia myriadophylla</i>	conifer collybia	Basidiomycota	RE
<i>Collybia platyphylla</i>	broad-gilled collybia	Basidiomycota	RE
<i>Comatichia laxa</i>	slime mold	Myxomycota	RE
<i>Comatichia pulchella</i>	slime mold	Myxomycota	RE
<i>Comatricha stemonitis</i>	slime mold	Myxomycota	RE
<i>Coniocybe furfuracea</i>	lichen	Mycophycophyta	RE
<i>Coniothyrium</i> sp.	raspberry cane blight	Deuteromycota	CK
<i>Conotrema urceolatum</i>	lichen	Mycophycophyta	RE
<i>Coprinus fuscescens</i>	ink-cup	Basidiomycota	RE
<i>Coprinus micaceus</i>	glistening ink-cup	Basidiomycota	RE
<i>Cordyceps militaris</i>	military orange caterpillar fungus	Ascomycota	RE
<i>Craterium minimum</i>	slime mold	Myxomycota	RE
<i>Crepidotus malachus</i>	spotted stumpfoot	Basidiomycota	CK
<i>Cribraria intricata</i>	slime mold	Myxomycota	RE
<i>Cryphonectria parasitica</i>	chestnut blight	Ascomycota	CK
<i>Cyathus striatus</i>	fluted bird's nest	Basidiomycota	RE
<i>Cylindrosporium padi</i>	imperfect fungus	Deuteromycota	RE
<i>Cystopus bliti</i>	downy mildew	Phycomycota	RE
<i>Cystopus candidus</i>	downy mildew	Phycomycota	RE
<i>Daedalea confragosa</i>	currycomb bracket fungus	Basidiomycota	CK
<i>Daedalea quercina</i>	oak mazegill fungus	Basidiomycota	CK
<i>Daldinia cingulata</i>	zoned black fungus	Ascomycota	RE
<i>Diachea leucopodia</i>	white-footed slime	Myxomycota	RE
<i>Diaporthe ailanthi</i>	flask fungus	Ascomycota	RE
<i>Dictydium cancellatum</i>	Japanese-lantern slime	Myxomycota	RE
<i>Dictyuchus anomalus</i>	water mold	Phycomycota	LE,RE
<i>Dictyuchus missouriensis</i>	water mold	Phycomycota	LE,RE
<i>Dictyuchus monosporus</i>	water mold	Phycomycota	LE,RE
<i>Dictyuchus pseudodictyon</i>	water mold	Phycomycota	LE,RE
<i>Dictyuchus</i> sp.	water mold	Phycomycota	LE,RE
<i>Diderma crustaceum</i>	slime mold	Myxomycota	RE
<i>Diderma hemisphericum</i>	slime mold	Myxomycota	RE
<i>Diderma reticulatum</i>	slime mold	Myxomycota	RE
<i>Didymaria ungeri</i>	imperfect fungus	Deuteromycota	RE
<i>Didymium crustaceum</i>	slime mold	Myxomycota	RE
<i>Didymium iridis</i>	slime mold	Myxomycota	RE
<i>Didymium melanospermum</i>	slime mold	Myxomycota	RE
<i>Didymium squamulosum</i>	slime mold	Myxomycota	RE
<i>Diplodia maydis</i>	corn ear rot	Deuteromycota	CK
dothidean spp.	pear sooty molds	Ascomycota	CK
<i>Drechslera teres</i>	imperfect fungus	Deuteromycota	RE
<i>Elsinoë corni</i>	dogwood anthracnose	Ascomycota	CK
<i>Empusa grylli</i>	mold	Phycomycota	RE
<i>Entoloma</i> sp.	entoloma	Basidiomycota	RE
<i>Entophlyctis aurea</i>	water mold	Phycomycota	LE,RE
<i>Entyloma menispermi</i>	smut	Basidiomycota	RE
<i>Erysiphe cichoracearum</i>	powdery mildew	Ascomycota	RE
<i>Erysiphe communis</i>	powdery mildew	Ascomycota	RE
<i>Erysiphe montagnei</i>	powdery mildew	Ascomycota	RE
<i>Erysiphe polygoni</i>	black locust powdery mildew	Ascomycota	RE
<i>Exidia spiculosa</i>	jelly fungus	Basidiomycota	CK
<i>Favolus alveolaris</i>	pore fungus	Basidiomycota	CK
<i>Fomes applanatus</i>	artist's fomes	Basidiomycota	RE
<i>Fomes everhartii</i>	artist's type fungus	Basidiomycota	CK
<i>Fomes ohioensis</i>	artist's type fungus	Basidiomycota	CK

KINGDOM FUNGI (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Fuligo cinerea</i>	slime mold	Myxomycota	RE
<i>Fuligo violacea</i>	slime mold	Myxomycota	RE
<i>Galera</i> sp.	deadly galerina	Basidiomycota	RE
<i>Ganoderma applanatum</i>	artist's shelf fungus	Basidiomycota	CK
<i>Geaster hygrometricus</i>	water measuring earthstar	Basidiomycota	RE
<i>Geolegnia inflata</i>	water mold	Phycomycota	LE,RE
<i>Gleosporium irregulare</i>	imperfect fungus	Deuteromycota	RE
<i>Gleosporium nervisequum</i>	imperfect fungus	Deuteromycota	RE
<i>Gleosporium septorioides</i>	imperfect fungus	Deuteromycota	RE
<i>Glomerella cingulata</i>	apple bitter rot	Ascomycota	CK
<i>Gomphidius</i> sp.	gomphidius	Basidiomycota	RE
<i>Gonapodya prolifera</i>	water mold	Phycomycota	LE,RE
<i>Graphis scripta</i>	script lichen	Mycophycophyta	RE
<i>Guignardia bidwellii</i>	grape black rot	Ascomycota	CK,RE
<i>Gymnoconia peckiana</i>	rust	Basidiomycota	RE
<i>Gymnoconia</i> sp.	orange rust	Basidiomycota	CK
<i>Gymnosporangium globosum</i>	rust	Basidiomycota	RE
<i>Gymnosporangium juniperi-virginianae</i>	cedar-apple rust	Basidiomycota	CK
<i>Gymnosporangium nidus-avis</i>	rust	Basidiomycota	RE
<i>Gyrodrom merulioides</i>	fleshy pore fungus or bolete	Basidiomycota	CK
<i>Hemitrichia clavata</i>	yellow-fuzz cone slime	Myxomycota	RE
<i>Hemitrichia intorta</i>	slime mold	Myxomycota	RE
<i>Hemitrichia stipitata</i>	slime mold	Myxomycota	RE
<i>Hemitrichia vesparium</i>	slime mold	Myxomycota	RE
<i>Hydrochaete olivacea</i>	red leather fungus	Basidiomycota	CK,RE
<i>Hypoxylon</i> sp.	wood-wart	Ascomycota	RE
<i>Inocybe</i> sp.	fiber cap	Basidiomycota	RE
<i>Irpex lacteus</i>	white leather fungus	Basidiomycota	RE
<i>Isoachlya</i> sp.?	water mold	Phycomycota	LE,RE
<i>Kunkelia nitens</i>	blackberry rust	Basidiomycota	CK
<i>Lachnea scutellata</i>	patella	Ascomycota	RE
<i>Lachnobolus globosus</i>	slime mold	Myxomycota	RE
<i>Lactarius rimosellus</i>	milk cap	Basidiomycota	RE
<i>Lactarius subdulcis</i>	dull milk cap	Basidiomycota	RE
<i>Lactarius theiogalus</i>	yellow -straining milk cap	Basidiomycota	RE
<i>Laetiporus sulphureus</i>	sulfur polypore	Basidiomycota	RE
<i>Lamproderma arcyronema</i>	slime mold	Myxomycota	RE
<i>Lecanora dispersa</i>	lichen	Mycophycophyta	RE
<i>Lecanora pallida</i>	lichen	Mycophycophyta	RE
<i>Lecanora subfusca</i>	lichen	Mycophycophyta	RE
<i>Lecanora varia</i>	lichen	Mycophycophyta	RE
<i>Lecidea albocaerulescens</i>	whitewash lichen	Mycophycophyta	RE
<i>Lecidea myriocarpoides</i>	whitewash lichen	Mycophycophyta	RE
<i>Lecidea parasema</i>	whitewash lichen	Mycophycophyta	RE
<i>Lecidea viridescens</i>	whitewash lichen	Mycophycophyta	RE
<i>Lentinus sulcatus</i>	lentinus	Basidiomycota	RE
<i>Lenzites betulina</i>	birch mazegill fungus	Basidiomycota	CK
<i>Lenzites sepiaria</i>	gill polypore	Basidiomycota	RE
<i>Lepiota adirondackensis</i>	Adirondacks lepiota	Basidiomycota	RE
<i>Lepiota cristata</i>	crested lepiota	Basidiomycota	RE
<i>Lepiota erminea</i>	ermine lepiota	Basidiomycota	RE
<i>Lepiota illinita</i>	lepiota	Basidiomycota	RE
<i>Lepraria</i> sp.	lichen	Mycophycophyta	RE
<i>Leptogium lichenoides</i>	lichen	Mycophycophyta	RE
<i>Leptogium tenuissimum</i>	lichen	Mycophycophyta	RE
<i>Leptogium tremelloides</i>	lichen	Mycophycophyta	RE
<i>Leptolegnia subterranea</i>	water mold	Phycomycota	LE,RE
<i>Leucostoma</i> sp.	peach canker	Ascomycota	CK
<i>Lindbladia tubulina</i>	slime mold	Myxomycota	RE
<i>Lycogala epidendrum</i>	wolf's-milk slime	Myxomycota	RE
<i>Lycogala flavo-fuscum</i>	slime mold	Myxomycota	RE
<i>Lycoperdon perlatum</i>	gem puffball	Basidiomycota	CK
<i>Lycoperdon pusillum</i>	mini puffball	Basidiomycota	CK,RE
<i>Lycoperdon pyriforme</i>	pear-shaped or stump puffball	Basidiomycota	CK,RE
<i>Macropodia semitosta</i>	paxina	Ascomycota	RE
<i>Macrolepiota procera</i>	parasol mushroom	Basidiomycota	CK

KINGDOM FUNGI (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Macrosporium saponariæ</i>	imperfect fungus	Deuteromycota	RE
<i>Macrosporium solani</i>	imperfect fungus	Deuteromycota	RE
<i>Marasmius albiceps</i>	marasmius	Basidiomycota	RE
<i>Marasmius candidus</i>	marasmius	Basidiomycota	RE
<i>Marasmius nigripes</i>	marasmius	Basidiomycota	RE
<i>Marasmius oreades</i>	fairy-ring mushroom	Basidiomycota	CK
<i>Marasmius siccus</i>	orange pin-wheel	Basidiomycota	RE
<i>Marasmius trullisatipes</i>	marasmius	Basidiomycota	RE
<i>Marsonia toxicodendri</i>	imperfect fungus	Deuteromycota	RE
<i>Melampsora salicis-capreæ</i>	melampsora rust	Basidiomycota	RE
<i>Microsphaera alni</i>	lilac powdery mildew	Ascomycota	CK,RE
<i>Microsphaera diffusa</i>	powdery mildew	Ascomycota	RE
<i>Microsphaera ravenellii</i>	powdery mildew	Ascomycota	RE
<i>Microsphaera viburni</i>	powdery mildew	Ascomycota	CK
<i>Microthelia micula</i>	lichen	Mycophycophyta	RE
<i>Monilinia fructicola</i>	stone fruits brown rot	Ascomycota	CK
<i>Monoblepharis</i> sp.	water mold	Phycomycota	LE,RE
<i>Morchella esculenta</i>	common morel	Ascomycota	CK
<i>Mucilago spongiosa</i>	slime mold	Myxomycota	RE
<i>Mucor stolonifer</i>	mold	Phycomycota	RE
<i>Mutinus caninus</i>	dog stinkhorn	Basidiomycota	CK
<i>Mycena capillaris</i>	bonnet mushroom	Basidiomycota	RE
<i>Mycosphaerella fragariae</i>	strawberry leaf spot	Ascomycota	CK
<i>Myriostoma coliformis</i>	pepper box	Basidiomycota	RE
<i>Nectria galligena</i>	nectria canker	Ascomycota	CK
<i>Negrado caladii</i>	Jack in the pulpit rust	Basidiomycota	CK
<i>Ochrolechia tartarea</i>	lichen	Mycophycophyta	RE
<i>Oligoporus tephroleucus</i>	pore fungus	Basidiomycota	CK
<i>Olpidiopsis saprolegniae</i>	water mold	Phycomycota	LE,RE
<i>Olpidiopsis varians</i>	water mold	Phycomycota	LE,RE
<i>Opegrapha lichenoides</i>	lichen	Mycophycophyta	RE
<i>Opegrapha pulicaris</i>	lichen	Mycophycophyta	RE
<i>Opegrapha viridis</i>	lichen	Mycophycophyta	RE
<i>Ophlostoma ulmi</i>	Dutch elm disease	Ascomycota	CK
<i>Ophiotheca wrightii</i>	slime mold	Myxomycota	RE
<i>Ovularia obliqua</i>	imperfect fungus	Deuteromycota	RE
<i>Panus rudis</i>	rudy panus	Basidiomycota	RE
<i>Panus strypticus</i>	field type mushroom	Basidiomycota	CK
<i>Parmelia aspera</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia aурulenta</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia borteri</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia caperata</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia crozalsiana</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia flaventior</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia livida</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia margaritata</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia perlata</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia rudecta</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia saxatilis</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia sulcata</i>	boulder lichen	Mycophycophyta	RE
<i>Parmelia ulophyllodes</i>	boulder lichen	Mycophycophyta	RE
<i>Patella setosa</i>	cup fungus	Ascomycota	CK
<i>Peltaster fructicola</i>	apple sooty blotch mold	Deuteromycota	CK
<i>Peltigera aphthosa</i>	lichen	Mycophycophyta	RE
<i>Peltigera canina</i>	dog lichen	Mycophycophyta	RE
<i>Peltigera canina spuria</i>	lichen	Mycophycophyta	RE
<i>Peltigera horizontalis</i>	lichen	Mycophycophyta	RE
<i>Peltigera spuria</i>	lichen	Mycophycophyta	RE
<i>Penicillium crustaceum</i>	mold	Ascomycota	RE
<i>Penicillium</i> sp.	blue mold	Ascomycota	CK
<i>Perichæna quadrata</i>	slime mold	Myxomycota	RE
<i>Peronospora geranii</i>	downy mildew	Phycomycota	RE
<i>Peronospora parasitica</i>	downy mildew	Phycomycota	RE
<i>Pertusaria leioplaca</i>	lichen	Mycophycophyta	RE
<i>Pertusaria multipuncta</i>	lichen	Mycophycophyta	RE
<i>Pertusaria pertusa</i>	lichen	Mycophycophyta	RE

KINGDOM FUNGI (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Pertusaria pustulata</i>	lichen	Mycophycophyta	RE
<i>Phaeolus schweinitzii</i>	polypore	Basidiomycota	RE
<i>Phellinus gilvus</i>	polypore	Basidiomycota	CK,RE
<i>Pholiota unicolor</i>	scalacap mushroom	Basidiomycota	CK
<i>Phoma uvicola</i>	imperfect fungus	Deuteromycota	RE
<i>Phragmidium obtusum</i>	rust	Basidiomycota	RE
<i>Phyllactinia corylea</i>	tree powdery mildew	Ascomycota	RE
<i>Phyllosticta cruenta</i>	imperfect fungus	Deuteromycota	RE
<i>Phyllosticta iridis</i>	imperfect fungus	Deuteromycota	RE
<i>Phyllosticta palustri</i>	imperfect fungus	Deuteromycota	RE
<i>Phyllosticta phaseolina</i>	imperfect fungus	Deuteromycota	RE
<i>Physarella oblonga</i>	slime mold	Myxomycota	RE
<i>Physarum nutans</i>	slime mold	Myxomycota	RE
<i>Physarum vernum</i>	slime mold	Myxomycota	RE
<i>Physarum viride</i>	slime mold	Myxomycota	RE
<i>Physarum viride var. incanum</i>	slime mold	Myxomycota	RE
<i>Physcia adscendens</i>	lichen	Mycophycophyta	RE
<i>Physcia aguila detonsa</i>	lichen	Mycophycophyta	RE
<i>Physcia aipolia</i>	lichen	Mycophycophyta	RE
<i>Physcia ciliata</i>	lichen	Mycophycophyta	RE
<i>Physcia elaeina</i>	lichen	Mycophycophyta	RE
<i>Physcia grisea</i>	lichen	Mycophycophyta	RE
<i>Physcia hypoleuca</i>	lichen	Mycophycophyta	RE
<i>Physcia millegrana</i>	lichen	Mycophycophyta	RE
<i>Physcia orbicularis</i>	lichen	Mycophycophyta	RE
<i>Physcia stellaris</i>	lichen	Mycophycophyta	RE
<i>Physcia syncolla</i>	lichen	Mycophycophyta	RE
<i>Physcia tribacia</i>	lichen	Mycophycophyta	RE
<i>Physcia tribacoides</i>	lichen	Mycophycophyta	RE
<i>Phytophthora cactorum</i>	crown rot	Phycomycota	CK
<i>Phytophthora undulatum</i>	downy mildew	Phycomycota	LE,RE
<i>Placynthium nigrum</i>	lichen	Mycophycophyta	RE
<i>Plasmopara sordida</i>	downy mildew	Phycomycota	RE
<i>Plasmopara viticola</i>	downy mildew of grape	Phycomycota	CK,ES,RE
<i>Pleurotus sapidus</i>	lavender-spored pleurotus	Basidiomycota	CK,RE
<i>Plowrightia morbosa</i>	rot	Ascomycota	RE
<i>Pluteus cervinus</i>	fawn-colored pluteus	Basidiomycota	RE
<i>Podosphaera leucotricha</i>	apple powdery mildew	Ascomycota	CK
<i>Podosphaera oxyacanthæ</i>	powdery mildew	Ascomycota	RE
<i>Polyporus arcularius</i>	polypore	Basidiomycota	CK,RE
<i>Polyporus carneus</i>	polypore	Basidiomycota	RE
<i>Polyporus elegans</i>	pore fungus	Basidiomycota	CK
<i>Polyporus squamosus</i>	Dryad's saddle fungus	Basidiomycota	CK
<i>Polystictus hirsutus-albiporus</i>	polypore	Basidiomycota	RE
<i>Poria unita</i>	pore fungus	Basidiomycota	CK
<i>Protoachlya paradoxa</i>	water mold	Phycomycota	LE,RE
<i>Pseudopeziza medicaginis</i>	leaf spot	Ascomycota	RE
<i>Psilocybe ammophila</i>	psilocybe	Basidiomycota	RE
<i>Puccinia caricis</i>	current rust	Basidiomycota	RE
<i>Puccinia coronata</i>	buckthorn crown rust	Basidiomycota	RE
<i>Puccinia fraxinata</i>	rust	Basidiomycota	RE
<i>Puccinia glechomatis</i>	rust	Basidiomycota	RE
<i>Puccinia graminis</i>	grape rust	Basidiomycota	RE
<i>Puccinia helianthi</i>	rust	Basidiomycota	RE
<i>Puccinia malvacearum</i>	rust	Basidiomycota	RE
<i>Puccinia menthæ</i>	rust	Basidiomycota	RE
<i>Puccinia osmorhizæ</i>	rust	Basidiomycota	RE
<i>Puccinia podophylli</i>	rust	Basidiomycota	RE
<i>Puccinia polygoni-amphibii</i>	rust	Basidiomycota	RE
<i>Puccinia seymeriæ</i>	rust	Basidiomycota	RE
<i>Puccinia simplex</i>	rust	Basidiomycota	RE
<i>Puccinia taraxaci</i>	rust	Basidiomycota	RE
<i>Puccinia xanthii</i>	rust	Basidiomycota	RE
<i>Pucciniastrum agrimonie</i>	rust	Basidiomycota	RE
<i>Pyrenopeziza cinnabarinus</i>	cinnabar polypore	Basidiomycota	RE
<i>Pyrenula leucoplaca</i>	lichen	Mycophycophyta	RE

KINGDOM FUNGI (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Pythium aphanidermatum</i>	downy mildew	Phycomycota	LE,RE
<i>Pythium cystosiphon?</i>	downy mildew	Phycomycota	LE,RE
<i>Pythium debaryanum</i>	downy mildew	Phycomycota	LE,RE
<i>Pythium proliferum</i>	downy mildew	Phycomycota	LE,RE
<i>Pythium pulchrum</i>	downy mildew	Phycomycota	LE,RE
<i>Pythium ultimum</i>	downy mildew	Phycomycota	LE,RE
<i>Pythium</i> sp.	downy mildew	Phycomycota	LE,RE
<i>Ramalina farinacea</i>	lichen	Mycophycophyta	RE
<i>Ramalina sinensis</i>	lichen	Mycophycophyta	RE
<i>Ramularia arvensis</i>	imperfect fungus	Deuteromycota	RE
<i>Ramularia celastiri</i>	imperfect fungus	Deuteromycota	RE
<i>Ramularia variabilis</i>	imperfect fungus	Deuteromycota	RE
<i>Reticularia splendens</i>	slime mold	Myxomycota	RE
<i>Rhinotrichum curtisii</i>	imperfect fungus	Deuteromycota	RE
<i>Rhizopus</i> sp.	bread mold	Phycomycota	CK
<i>Rhytisma</i> sp.	maple tar spot	Ascomycota	CK
<i>Rinodina tephraspis</i>	lichen	Mycophycophyta	RE
<i>Rozella allomycis</i>	water mold	Phycomycota	LE,RE
<i>Russula alutacea</i>	red brittle gills	Basidiomycota	RE
<i>Russula compacta</i>	compact brittle gills	Basidiomycota	RE
<i>Russula ftens</i>	fetid brittle gills	Basidiomycota	RE
<i>Russula pectinata</i>	brittle gills	Basidiomycota	RE
<i>Russula xerampelina</i>	crab-scented brittle gills	Basidiomycota	RE
<i>Saprolegnia diclina</i>	water mold	Phycomycota	LE,RE
<i>Saprolegnia ferax</i>	water mold	Phycomycota	LE,RE
<i>Saprolegnia monoica</i>	water mold	Phycomycota	LE,RE
<i>Saprolegnia parasitica</i>	water mold	Phycomycota	LE,RE
<i>Saprolegnia</i> sp.	water mold	Phycomycota	LE,RE
<i>Sarcogyne simplex</i>	lichen	Mycophycophyta	RE
<i>Schizophyllum commune</i>	spit-gilled bracket	Basidiomycota	RE
<i>Scleroderma citrinum</i>	common earth ball	Basidiomycota	CK
<i>Sclerotinia fructigena</i>	rind rot	Ascomycota	ES
<i>Septoria ægopodii</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria aquilegiæ</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria erigerontis</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria lactucicola</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria littorea</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria lophanthi</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria musiva</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria ochroleuca</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria oenotheræ</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria podophyllina</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria polygonorum</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria rubi</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria scrophulariæ</i>	imperfect fungus	Deuteromycota	RE
<i>Septoria violæ-palustris</i>	imperfect fungus	Deuteromycota	RE
<i>Sphærotheca castagnei</i>	downy mildew	Ascomycota	RE
<i>Steccherinum ochraceum</i>	hydnum tooth fungus	Basidiomycota	CK
<i>Stemonitis fenestrata</i>	slime mold	Myxomycota	RE
<i>Stemonitis fusca</i>	slime mold	Myxomycota	RE
<i>Stemonitis herbatica</i>	slime mold	Myxomycota	RE
<i>Stemonitis maxima</i>	slime mold	Myxomycota	RE
<i>Stemonitis smithii</i>	slime mold	Myxomycota	RE
<i>Stereum candidum</i>	sereum	Basidiomycota	RE
<i>Stereum disciforme</i>	sereum	Basidiomycota	RE
<i>Stereum fasciatum</i>	sereum	Basidiomycota	RE
<i>Stereum frustulosum</i>	false turkeytail fungus	Basidiomycota	CK
<i>Stereum versicolor</i>	sereum	Basidiomycota	RE
<i>Sticta pulmonaria</i>	lichen	Mycophycophyta	RE
<i>Strobilomyces strobilaceus</i>	old-man-of-the-woods	Basidiomycota	RE
<i>Synchytrium decipiens</i>	water mold	Phycomycota	LE,RE
<i>Taphrina communis</i>	plum pockets	Ascomycota	CK
<i>Taphrina deformans</i>	peach leaf curl	Ascomycota	CK
<i>Teloschistes chrysophthalmus</i>	lichen	Mycophycophyta	RE
<i>Tilmadoche alba</i>	slime mold	Myxomycota	RE
<i>Trametes conchifer</i>	pore fungus	Basidiomycota	CK

KINGDOM FUNGI (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Trametes versicolor</i>	turkeytail or pore fungus	Basidiomycota	CK
<i>Tremella candida</i>	jelly fungus	Basidiomycota	RE
<i>Trichia inconspicua</i>	slime mold	Myxomycota	RE
<i>Tricholoma albo-flavidum</i>	knight-cap	Basidiomycota	RE
<i>Trypethelium virens</i>	lichen	Mycophycophyta	RE
<i>Tuberculina persicina</i>	imperfect fungus	Deuteromycota	RE
<i>Tubifera ferruginosa</i>	red raspberry slime	Myxomycota	RE
<i>Tubifera microsperma</i>	slime mold	Myxomycota	RE
<i>Tulostoma campestre</i>	field tylostoma	Basidiomycota	RE
<i>Tulostoma fimbriatum</i>	buried-stalk puffball	Basidiomycota	RE
<i>Ucinula necator</i>	grape powdery mildew	Ascomycota	CK
<i>Uromyces euphorbiae</i>	rust	Basidiomycota	RE
<i>Uromyces phaseoli</i>	rust	Basidiomycota	RE
<i>Uromyces striatus</i>	rust	Basidiomycota	RE
<i>Uromyces toxicodendri</i>	rust	Basidiomycota	RE
<i>Uromyces trifolii</i>	rust	Basidiomycota	RE
<i>Usnea strigosa</i>	lichen	Mycophycophyta	RE
<i>Ustilago avenae</i>	smut	Basidiomycota	RE
<i>Ustilago hordei</i>	smut	Basidiomycota	RE
<i>Ustilago maydis</i>	corn smut	Basidiomycota	CK
<i>Ustilago zeae</i>	smut	Basidiomycota	CK,RE
<i>Venturia crataegi</i>	apple scab	Ascomycota	CK
<i>Venturia pyrina</i>	pear scab	Ascomycota	CK
<i>Verrucaria muralis</i>	pitted lichen	Mycophycophyta	RE
<i>Xanthoria candelaria</i>	lichen	Mycophycophyta	RE
<i>Xanthoria fallax</i>	lichen	Mycophycophyta	RE
<i>Xanthoria polycarpa</i>	lichen	Mycophycophyta	RE
<i>Xylaria digitata</i>	finger fungus	Ascomycota	RE
<i>Xylaria polymorpha</i>	dead man's fingers	Ascomycota	RE
<i>Zygothia jamaicensis</i>	apple flyspeck	Deuteromycota	CK

**KINGDOM PLANTAE
(mosses, horsetails, and ferns)**

<i>Adiantum pedatum</i>	northern maidenhair fern	Filicophyta	CK,ES
<i>Amblystegium serpens</i>	moss	Bryophyta	RE
<i>Amblystegium serpens</i> var. <i>juratzkanum</i>	moss	Bryophyta	RE
<i>Amblystegium varium</i>	moss	Bryophyta	CK,RE
<i>Anacamptodon splachnoides</i>	moss	Bryophyta	RE
<i>Anomodon attenuatus</i>	moss	Bryophyta	RE
<i>Anomodon minor</i>	moss	Bryophyta	RE
<i>Anomodon rostratus</i>	moss	Bryophyta	RE
<i>Anomodon rugelii</i>	moss	Bryophyta	RE
<i>Athyrium filix-femina</i>	subarctic lady fern	Filicophyta	CK,ES
<i>Atrichum altecristatum</i>	spineleaf moss	Bryophyta	RE
<i>Atrichum angustatum</i>	slender Catherinea	Bryophyta	RE
<i>Atrichum undulatum</i>	spineleaf moss	Bryophyta	RE
<i>Aulacomnium heterostichum</i>	moss	Bryophyta	RE
<i>Aulacomnium palustre</i>	moss	Bryophyta	RE
<i>Barbula convoluta</i>	moss	Bryophyta	RE
<i>Barbula indica</i> var. <i>indica</i>	twisted teeth moss	Bryophyta	RE
<i>Barbula unguiculata</i>	moss	Bryophyta	RE
<i>Bartramia pomiformis</i>	apple moss	Bryophyta	RE
<i>Botrychium dissectum</i>	cut-leaf grapefern	Filicophyta	CK
<i>Botrychium rugulosum</i>	leathery grapefern	Filicophyta	CK
<i>Botrychium virginianum</i>	rattlesnake fern	Filicophyta	CK,ES
<i>Brachythecium acuminatum</i>	moss	Bryophyta	RE
<i>Brachythecium campestre</i>	moss	Bryophyta	RE
<i>Brachythecium oxycladon</i>	moss	Bryophyta	RE
<i>Brachythecium rivulare</i>	rivulet brachythecium	Bryophyta	RE
<i>Brachythecium rutabulum</i>	moss	Bryophyta	RE
<i>Brachythecium salebrosum</i>	moss	Bryophyta	RE
<i>Bruchia flexuosa</i>	moss	Bryophyta	RE
<i>Bryhnia graminicolor</i>	moss	Bryophyta	RE
<i>Bryhnia novae-angliae</i>	moss	Bryophyta	RE
<i>Bryoandersonia illecebra</i>	moss	Bryophyta	RE
<i>Bryoerythrophyllum recurvirostre</i>	moss	Bryophyta	RE

KINGDOM PLANTAE (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Bryum argenteum</i>	silvery moss	Bryophyta	RE
<i>Bryum caespitium</i>	silvery moss	Bryophyta	RE
<i>Bryum capillare</i>	silvery moss	Bryophyta	RE
<i>Bryum lisae</i> var. <i>cuspidatum</i>	silvery moss	Bryophyta	RE
<i>Bryum pseudotriquetrum</i>	silvery moss	Bryophyta	RE
<i>Callicladium haldanianum</i>	moss	Bryophyta	RE
<i>Calliergon stramineum</i>	moss	Bryophyta	RE
<i>Calliergon trifarium</i>	moss	Bryophyta	RE
<i>Calliergonella cuspidata</i>	moss	Bryophyta	RE
<i>Campylium chrysophyllum</i>	moss	Bryophyta	RE
<i>Campylium hispidulum</i>	moss	Bryophyta	RE
<i>Campylium polygamum</i>	moss	Bryophyta	RE
<i>Campylium stellatum</i>	moss	Bryophyta	RE
<i>Ceratodon purpureus</i>	purple horn-tooth moss	Bryophyta	RE
<i>Climacium americanum</i>	tree moss	Bryophyta	CK,RE
<i>Climacium kindbergii</i>	tree-flooded moss	Bryophyta	CK,RE
<i>Conocephalum conicum</i>	common liverwort	Bryophyta	CK
<i>Cyrtio-hypnum minutulum</i>	moss	Bryophyta	RE
<i>Cystopteris bulbifera</i>	bulblet fern	Filicophyta	CK
<i>Cystopteris tenuis</i>	fragile fern	Filicophyta	CK
<i>Desmatodon obtusifolius</i>	moss	Bryophyta	RE
<i>Desmatodon porteri</i>	moss	Bryophyta	RE
<i>Dicranella cerviculata</i>	fork moss	Bryophyta	RE
<i>Dicranella heteromalla</i>	silky fork moss	Bryophyta	RE
<i>Dicranella varia</i>	fork moss	Bryophyta	RE
<i>Dicranum flagellare</i>	broom moss	Bryophyta	RE
<i>Dicranum scoparium</i>	broom moss	Bryophyta	RE
<i>Dicranum viride</i>	broom moss	Bryophyta	RE
<i>Didymodon fallax</i>	moss	Bryophyta	RE
<i>Didymodon rigidulus</i>	moss	Bryophyta	RE
<i>Discelium nudum</i>	moss	Bryophyta	RE
<i>Ditrichum lineare</i>	moss	Bryophyta	RE
<i>Drepanocladus aduncus</i> var. <i>aduncus</i>	moss	Bryophyta	RE
<i>Drepanocladus aduncus</i> var. <i>kneiffii</i>	moss	Bryophyta	RE
<i>Drummondia prorepens</i>	moss	Bryophyta	RE
<i>Dryopteris carthusiana</i>	spinulose woodfern	Filicophyta	CK,ES
<i>Dryopteris intermedia</i>	evergreen woodfern	Filicophyta	CK
<i>Dryopteris marginalis</i>	marginal shield-fern or woodfern	Filicophyta	CK
<i>Dryopteris</i> sp.	woodfern	Filicophyta	ES
<i>Entodon cladorrhizans</i>	moss	Bryophyta	RE
<i>Entodon seductrix</i>	moss	Bryophyta	RE
<i>Equisetum arvense</i>	field or common horsetail	Equisetophyta	CK,ES
<i>Equisetum hyemale</i>	rough horsetail, scouring rush	Equisetophyta	CK
<i>Eurhynchium hians</i>	moss	Bryophyta	RE
<i>Eurhynchium pulchellum</i>	moss	Bryophyta	RE
<i>Eurhynchium serrulatum</i>	moss	Bryophyta	CK
<i>Fissidens adianthoides</i>	moss	Bryophyta	RE
<i>Fissidens bryoides</i>	moss	Bryophyta	RE
<i>Fissidens obtusifolius</i>	moss	Bryophyta	RE
<i>Fissidens taxifolius</i>	moss	Bryophyta	CK,RE
<i>Fontinalis dalecarlica</i>	common water moss	Bryophyta	RE
<i>Fontinalis hypnoides</i>	water moss	Bryophyta	RE
<i>Fontinalis hypnoides</i> var. <i>duriaei</i>	water moss	Bryophyta	RE
<i>Funaria hygrometrica</i>	cord moss	Bryophyta	CK,RE
<i>Grimmia pulvinata</i>	moss	Bryophyta	RE
<i>Gymnocarpium dryopteris</i>	oak-fern	Filicophyta	CK
<i>Gymnostomum aeruginosum</i>	moss	Bryophyta	RE
<i>Hedwigia ciliata</i>	white-tipped moss	Bryophyta	RE
<i>Helodium blandowii</i>	moss	Bryophyta	RE
<i>Helodium paludosum</i>	moss	Bryophyta	RE
<i>Herzogiella turfacea</i>	moss	Bryophyta	RE
<i>Homomallium adnatum</i>	moss	Bryophyta	RE
<i>Hygroamblystegium fluviatile</i>	moss	Bryophyta	RE
<i>Hygroamblystegium tenax</i>	moss	Bryophyta	RE
<i>Hygrohypnum luridum</i>	moss	Bryophyta	RE
<i>Hymenostylium recurvirostre</i>	moss	Bryophyta	RE

KINGDOM PLANTAE (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Hyophila involuta</i>	moss	Bryophyta	RE
<i>Hypnum cupressiforme</i>	moss	Bryophyta	RE
<i>Hypnum curvifolium</i>	feather moss	Bryophyta	CK,RE
<i>Hypnum imponens</i>	moss	Bryophyta	RE
<i>Hypnum lindbergii</i>	moss	Bryophyta	RE
<i>Isopterygiopsis muelleriana</i>	moss	Bryophyta	RE
<i>Leptobryum pyriforme</i>	moss	Bryophyta	RE
<i>Leptodictyum humile</i>	moss	Bryophyta	RE
<i>Leptodictyum riparium</i>	moss	Bryophyta	RE
<i>Leskea gracilescens</i>	moss	Bryophyta	RE
<i>Leskea obscura</i>	moss	Bryophyta	RE
<i>Leucobryum glaucum</i>	white pin-cushion moss	Bryophyta	RE
<i>Leucodon julaceus</i>	moss	Bryophyta	RE
<i>Limprichtia revolvens</i>	moss	Bryophyta	RE
<i>Lophocolea heterophylla</i>	liverwort	Bryophyta	CK
<i>Lycopodium dendroideum</i>	tree-like clubmoss	Lycopodiophyta	CK
<i>Lycopodium obscurum</i>	tree clubmoss	Lycopodiophyta	CK
<i>Mnium cuspidatum</i>	woody mniium moss	Bryophyta	CK
<i>Mnium stellare</i>	star moss	Bryophyta	RE
<i>Onoclea sensibilis</i>	sensitive fern	Filicophyta	CK,ES
<i>Orthotrichum anomalum</i>	moss	Bryophyta	RE
<i>Orthotrichum pumilum</i>	moss	Bryophyta	RE
<i>Orthotrichum pusillum</i>	moss	Bryophyta	RE
<i>Orthotrichum strangulatum</i>	moss	Bryophyta	RE
<i>Osmunda cinnamomea</i>	cinnamon fern	Filicophyta	ES
<i>Osmunda claytoniana</i>	fern	Filicophyta	CK,ES
<i>Phascum cuspidatum</i>	moss	Bryophyta	RE
<i>Phegopteris hexagonoptera</i>	broad beech-fern	Filicophyta	CK
<i>Philonotis fontana</i>	moss	Bryophyta	RE
<i>Physcomitrium pyriforme</i>	urn moss	Bryophyta	RE
<i>Plagiomnium ciliare</i>	moss	Bryophyta	RE
<i>Plagiomnium cuspidatum</i>	moss	Bryophyta	RE
<i>Plagiomnium medium</i>	moss	Bryophyta	RE
<i>Plagiothecium cavifolium</i>	slender moss	Bryophyta	RE
<i>Plagiothecium denticulatum</i>	slender moss	Bryophyta	RE
<i>Plagiothecium sp.</i>	moss	Bryophyta	CK
<i>Platydictya confervoides</i>	moss	Bryophyta	RE
<i>Platygyrium repens</i>	moss	Bryophyta	RE
<i>Pleuridium subulatum</i>	moss	Bryophyta	RE
<i>Pleurozium schreberi</i>	moss	Bryophyta	RE
<i>Pogonatum pensilvanicum</i>	false hair-cap moss	Bryophyta	RE
<i>Pohlia nutans</i>	moss	Bryophyta	RE
<i>Polypodium virginianum</i>	common polypody	Filicophyta	CK
<i>Polystichum acrostichoides</i>	Christmas fern	Filicophyta	CK,ES
<i>Polytrichum commune</i>	common hair-cap moss	Bryophyta	CK,RE
<i>Polytrichum ohioense</i>	hair-cap moss	Bryophyta	CK,RE
<i>Polytrichum piliferum</i>	hair-cap moss	Bryophyta	RE
<i>Pylaisiella intricata</i>	moss	Bryophyta	RE
<i>Pylaisiella selwynii</i>	moss	Bryophyta	RE
<i>Rauia scita</i>	moss	Bryophyta	RE
<i>Rhizomnium punctatum</i>	moss	Bryophyta	RE
<i>Rhodobryum roseum</i>	rose moss	Bryophyta	RE
<i>Rhytidium rugosum</i>	moss	Bryophyta	RE
<i>Riccia fluitans</i>	slender riccia	Bryophyta	ES
<i>Ricciocarpus natans</i>	purple-fringed riccia	Bryophyta	ES
<i>Schistidium apocarpum</i>	moss	Bryophyta	RE
<i>Schistidium rivulare</i>	moss	Bryophyta	RE
<i>Seligeria calcarea</i>	moss	Bryophyta	RE
<i>Seligeria campylopoda</i>	moss	Bryophyta	RE
<i>Seligeria pusilla</i>	moss	Bryophyta	RE
<i>Sematophyllum demissum</i>	moss	Bryophyta	RE
<i>Sphagnum compactum</i>	sphagnum	Bryophyta	RE
<i>Sphagnum lescurii</i>	sphagnum	Bryophyta	RE
<i>Sphagnum magellanicum</i>	sphagnum	Bryophyta	RE
<i>Sphagnum palustre</i>	boat-leaved sphagnum	Bryophyta	RE
<i>Sphagnum russowii</i>	sphagnum	Bryophyta	RE

KINGDOM PLANTAE (continued)

SCIENTIFIC NAME	COMMON NAME	DIVISION	LOCATION
<i>Sphagnum</i> sp.	bog moss	Bryophyta	CK
<i>Steerecleus serrulatus</i>	moss	Bryophyta	RE
<i>Taxiphyllum taxirameum</i>	moss	Bryophyta	RE
<i>Tetraphis pellucida</i>	four-tooth moss	Bryophyta	RE
<i>Thelia asprella</i>	moss	Bryophyta	RE
<i>Thelia hirtella</i>	moss	Bryophyta	RE
<i>Thuidium delicatulum</i>	common fern moss	Bryophyta	CK,RE
<i>Thuidium recognitum</i>	fern moss	Bryophyta	RE
<i>Tortella humilis</i>	twisted moss	Bryophyta	RE
<i>Tortella tortuosa</i>	twisted moss	Bryophyta	RE
<i>Tortula ruralis</i>	wall moss	Bryophyta	RE
<i>Ulota crispa</i>	moss	Bryophyta	RE
<i>Weissia controversa</i>	moss	Bryophyta	RE

LOCATION CODES:

- CK – Old Woman Creek watershed upstream of the estuary
- ES – Old Woman Creek estuary (including watershed within boundaries of NERR)
- LE – Lake Erie, principally nearshore waters of Erie County and western Lorain County, Ohio
- RE – Regional occurrence, principally Lake Erie watersheds of eastern Erie County and western Lorain County, Ohio

Appendix D

Alphabetized List of Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie by Common Name

**ALPHABETIZED LIST OF ALGAL FLORA AND LOWER PLANTS OF
OLD WOMAN CREEK ESTUARY, WATERSHED, AND ADJACENT LAKE ERIE
by Common Name**

**ALGAL FLORA
(Kingdoms Monera and Protista)**

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
blue-green	<i>Anabaena circinalis</i>	Cyanophyta	ES
blue-green	<i>Anabaena spiroides</i>	Cyanophyta	LE
blue-green	<i>Anabaena spiroides</i> var. <i>crassa</i>	Cyanophyta	LE
blue-green	<i>Anabaena variabilis</i>	Cyanophyta	ES
blue-green	<i>Aphanizomenon flos-aquae</i>	Cyanophyta	ES,LE
blue-green	<i>Aphanocapsa delicatissima</i>	Cyanophyta	ES
blue-green	<i>Aphanocapsa elachista</i>	Cyanophyta	ES
blue-green	<i>Aphanocapsa incerta</i>	Cyanophyta	CK
blue-green	<i>Aphanothece saxicola</i>	Cyanophyta	ES
blue-green	<i>Calothrix fusca</i>	Cyanophyta	CK
blue-green	<i>Chroococcus dispersus</i>	Cyanophyta	CK,ES
blue-green	<i>Chroococcus minor</i>	Cyanophyta	CK
blue-green	<i>Chroococcus minutus</i>	Cyanophyta	CK,LE
blue-green	<i>Chroococcus planctonicus</i>	Cyanophyta	ES
blue-green	<i>Coelosphaerium naegelianum</i>	Cyanophyta	ES
blue-green	<i>Coelosphaerium pallidum</i>	Cyanophyta	ES
blue-green	<i>Dactylococcopsis irregularis</i>	Cyanophyta	ES
blue-green	<i>Gloeocapsa aeruginosa</i>	Cyanophyta	CK
blue-green	<i>Gloeocapsa</i> sp.	Cyanophyta	ES
blue-green	<i>Lyngbya</i> sp.	Cyanophyta	CK,ES
blue-green	<i>Merismopedia glauca</i>	Cyanophyta	ES
blue-green	<i>Merismopedia minima</i>	Cyanophyta	CK,ES
blue-green	<i>Merismopedia tenuissima</i>	Cyanophyta	ES
blue-green	<i>Microcoleus lyngbyaceus</i>	Cyanophyta	CK
blue-green	<i>Microcystis aeruginosa</i>	Cyanophyta	ES
blue-green	<i>Microcystis minutissima</i>	Cyanophyta	ES
blue-green	<i>Microcystis</i> sp.	Cyanophyta	ES
blue-green	<i>Oscillatoria agardhii</i>	Cyanophyta	ES,LE
blue-green	<i>Oscillatoria amphibia</i>	Cyanophyta	ES
blue-green	<i>Oscillatoria chlorina</i>	Cyanophyta	LE
blue-green	<i>Oscillatoria granulata</i>	Cyanophyta	ES
blue-green	<i>Oscillatoria hamelii</i>	Cyanophyta	ES,LE
blue-green	<i>Oscillatoria limosa</i>	Cyanophyta	CK,ES
blue-green	<i>Oscillatoria prolifica</i>	Cyanophyta	LE
blue-green	<i>Oscillatoria subbrevis</i>	Cyanophyta	CK,ES
blue-green	<i>Oscillatoria tenuis</i>	Cyanophyta	CK,ES
blue-green	<i>Phormidium tenue</i>	Cyanophyta	ES
blue-green	<i>Raphidiopsis mediterranea</i>	Cyanophyta	LE
blue-green	<i>Rhabdoderma minima</i>	Cyanophyta	ES
blue-green	<i>Rhabdoderma</i> sp.	Cyanophyta	ES
blue-green	<i>Schizothrix calcicola</i>	Cyanophyta	CK,ES
blue-green	<i>Spirulina</i> sp.	Cyanophyta	ES
blue-green	<i>Synechococcus leopoliensis</i>	Cyanophyta	ES
blue-green	<i>Synechococcus</i> sp.	Cyanophyta	ES
blue-greens	<i>Anabaena</i> spp.	Cyanophyta	ES,LE
blue-greens	<i>Calothrix</i> spp.	Cyanophyta	CK
blue-greens	<i>Chroococcus</i> spp.	Cyanophyta	CK,ES
blue-greens	<i>Oscillatoria</i> spp.	Cyanophyta	ES,LE
cryptomonad	<i>Chilomonas</i> sp.	Cryptophyta	ES
cryptomonad	<i>Chroomonas norstedtii</i>	Cryptophyta	ES
cryptomonad	<i>Chroomonas</i> sp.	Cryptophyta	ES
cryptomonad	<i>Cryptomonas compressa</i>	Cryptophyta	ES
cryptomonad	<i>Cryptomonas erosa</i>	Cryptophyta	ES
cryptomonad	<i>Cryptomonas erosa</i> var. <i>reflexa</i>	Cryptophyta	CK
cryptomonad	<i>Cryptomonas marssonii</i>	Cryptophyta	ES
cryptomonad	<i>Cryptomonas obovata</i>	Cryptophyta	ES
cryptomonad	<i>Cryptomonas ovata</i>	Cryptophyta	ES
cryptomonad	<i>Cryptomonas reflexa</i>	Cryptophyta	ES
cryptomonad	<i>Cryptomonas tenuis</i>	Cryptophyta	ES
cryptomonad	<i>Cryptomonas tetrapyrenoidosa</i>	Cryptophyta	ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
cryptomonad	<i>Cyathomonas</i> sp.	Cryptophyta	ES
cryptomonad	<i>Cyathomonas truncata</i>	Cryptophyta	ES
cryptomonad	<i>Planonephros parvula</i>	Cryptophyta	ES
cryptomonad	<i>Rhodomonas lacustris</i>	Cryptophyta	ES
cryptomonad	<i>Rhodomonas lens</i>	Cryptophyta	ES
cryptomonad	<i>Rhodomonas minuta</i>	Cryptophyta	ES
cryptomonad	<i>Rhodomonas minuta</i> var. <i>nannoplanctonica</i>	Cryptophyta	ES, LE
cryptomonads	<i>Cryptomonas</i> spp.	Cryptophyta	ES
cryptomonads	<i>Rhodomonas</i> spp.	Cryptophyta	CK, ES
diatom, centric	<i>Acanthoceras zachariasii</i>	Chrysophyta	ES
diatom, centric	<i>Actinocyclus normanii</i>	Chrysophyta	ES
diatom, centric	<i>Aulacoseira granulata</i> var. <i>angustissima</i>	Chrysophyta	ES, LE
diatom, centric	<i>Coscinodiscus</i> sp.	Chrysophyta	ES
diatom, centric	<i>Cyclostephanos invisitatus</i>	Chrysophyta	ES
diatom, centric	<i>Cyclostephanos tholiiformis</i>	Chrysophyta	ES
diatom, centric	<i>Cyclotella atomus</i>	Chrysophyta	ES
diatom, centric	<i>Cyclotella atomus</i> var. 1	Chrysophyta	ES
diatom, centric	<i>Cyclotella meneghiniana</i>	Chrysophyta	ES
diatom, centric	<i>Cyclotella meneghiniana</i> var. 1	Chrysophyta	ES
diatom, centric	<i>Cyclotella pseudostelligera</i>	Chrysophyta	ES
diatom, centric	<i>Cyclotella radiosa</i>	Chrysophyta	ES
diatom, centric	<i>Cyclotella stelligera</i>	Chrysophyta	ES
diatom, centric	<i>Melosira varians</i>	Chrysophyta	ES
diatom, centric	<i>Rhizosolenia eriensis</i>	Chrysophyta	ES
diatom, centric	<i>Skeletonema potamos</i>	Chrysophyta	ES
diatom, centric	<i>Stephanodiscus alpinus</i>	Chrysophyta	ES
diatom, centric	<i>Stephanodiscus binderanus</i>	Chrysophyta	ES, LE
diatom, centric	<i>Stephanodiscus hantzschii</i>	Chrysophyta	ES
diatom, centric	<i>Stephanodiscus minutulus</i>	Chrysophyta	ES
diatom, centric	<i>Stephanodiscus nipigonensis</i>	Chrysophyta	ES
diatom, centric	<i>Stephanodiscus parvus</i>	Chrysophyta	ES
diatom, centric	<i>Stephanodiscus rotula</i>	Chrysophyta	CK, ES, LE
diatom, centric	<i>Stephanodiscus</i> sp.	Chrysophyta	ES
diatom, centric	<i>Stephanodiscus subtilis</i>	Chrysophyta	ES
diatom, centric	<i>Thalassiosira pseudonana</i>	Chrysophyta	ES
diatom, centric	<i>Thalassiosira weissflogii</i>	Chrysophyta	ES
diatoms, centric	<i>Aulacoseira alpigena</i>	Chrysophyta	ES
diatoms, centric	<i>Aulacoseira ambigua</i>	Chrysophyta	ES
diatoms, centric	<i>Aulacoseira crassipunctata</i>	Chrysophyta	ES
diatoms, centric	<i>Aulacoseira granulata</i>	Chrysophyta	ES
diatoms, centric	<i>Aulacoseira islandica</i>	Chrysophyta	ES
diatoms, centric	<i>Aulacoseira italica</i>	Chrysophyta	ES
diatoms, centric	<i>Aulacoseira</i> spp.	Chrysophyta	ES
diatoms, centric	<i>Cyclotella</i> spp.	Chrysophyta	ES
diatom, pennate	<i>Achnanthes biasolettiana</i>	Chrysophyta	ES
diatom, pennate	<i>Achnanthes clevei</i>	Chrysophyta	ES
diatom, pennate	<i>Achnanthes conspicua</i>	Chrysophyta	CK
diatom, pennate	<i>Achnanthes grischuna</i>	Chrysophyta	ES
diatom, pennate	<i>Achnanthes hungarica</i>	Chrysophyta	ES
diatom, pennate	<i>Achnanthes lanceolata</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Achnanthes lanceolata</i> ssp. <i>dubia</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Achnanthes lanceolata</i> ssp. <i>l. var. boyei</i>	Chrysophyta	ES
diatom, pennate	<i>Achnanthes lanceolata</i> ssp. <i>lanceolata</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Achnanthes laurenburgiana</i>	Chrysophyta	ES
diatom, pennate	<i>Achnanthes minutissima</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Achnanthes minutissima</i> var. 2	Chrysophyta	ES
diatom, pennate	<i>Achnanthes minutissima</i> var. <i>gracillima</i>	Chrysophyta	ES
diatom, pennate	<i>Achnanthes minutissima</i> var. <i>minutissima</i>	Chrysophyta	CK
diatom, pennate	<i>Achnanthes minutissima</i> var. <i>saprophila</i>	Chrysophyta	ES
diatom, pennate	<i>Achnanthes</i> sp.	Chrysophyta	CK, ES
diatom, pennate	<i>Amphipleura pellucida</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Amphora montana</i>	Chrysophyta	ES
diatom, pennate	<i>Amphora ovalis</i>	Chrysophyta	ES
diatom, pennate	<i>Amphora pediculus</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Amphora</i> sp.	Chrysophyta	ES
diatom, pennate	<i>Anomoeoneis brachysira</i>	Chrysophyta	ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
diatom, pennate	<i>Anomooneis sphaerophora</i>	Chrysophyta	ES
diatom, pennate	<i>Asterionella formosa</i>	Chrysophyta	ES, LE
diatom, pennate	<i>Caloneis amphisbaena</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Caloneis bacillum</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Caloneis clevei</i>	Chrysophyta	ES
diatom, pennate	<i>Caloneis molaris</i>	Chrysophyta	ES
diatom, pennate	<i>Caloneis schumanniana</i>	Chrysophyta	ES
diatom, pennate	<i>Caloneis thermalis</i>	Chrysophyta	ES
diatom, pennate	<i>Cocconeis pediculus</i>	Chrysophyta	ES
diatom, pennate	<i>Cocconeis placentula</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Cocconeis placentula</i> var. <i>euglypta</i>	Chrysophyta	ES
diatom, pennate	<i>Cocconeis placentula</i> var. <i>lineata</i>	Chrysophyta	ES
diatom, pennate	<i>Cylindrotheca gracilis</i>	Chrysophyta	ES
diatom, pennate	<i>Cymatopleura elliptica</i>	Chrysophyta	CK
diatom, pennate	<i>Cymatopleura solea</i>	Chrysophyta	ES
diatom, pennate	<i>Cymbella affinis</i>	Chrysophyta	ES
diatom, pennate	<i>Cymbella caespitosa</i>	Chrysophyta	ES
diatom, pennate	<i>Cymbella microcephala</i>	Chrysophyta	ES
diatom, pennate	<i>Cymbella minuta</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Cymbella naviculiformis</i>	Chrysophyta	ES
diatom, pennate	<i>Cymbella prostrata</i>	Chrysophyta	CK
diatom, pennate	<i>Cymbella silesiaca</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Cymbella triangulum</i>	Chrysophyta	LE
diatom, pennate	<i>Cymbella tumida</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Cymbella tumidula</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Cymbella turgidula</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Denticula kuetzingii</i>	Chrysophyta	ES
diatom, pennate	<i>Diatoma mesodon</i>	Chrysophyta	ES
diatom, pennate	<i>Diatoma tenuis</i>	Chrysophyta	ES
diatom, pennate	<i>Diatoma vulgare</i>	Chrysophyta	ES
diatom, pennate	<i>Diatoma vulgare</i> var. <i>distorta</i>	Chrysophyta	ES
diatom, pennate	<i>Entomoneis ornata</i>	Chrysophyta	LE
diatom, pennate	<i>Epithemia adnata</i>	Chrysophyta	ES
diatom, pennate	<i>Epithemia turgida</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia arcus</i> var. <i>bidens</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia bilunaris</i> var. <i>bilunaris</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia bilunaris</i> var. <i>mucophila</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia denticulata</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia diodon</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia exigua</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia formica</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia pectinalis</i>	Chrysophyta	ES
diatom, pennate	<i>Eunotia</i> sp.	Chrysophyta	ES
diatom, pennate	<i>Fragilaria capucina</i>	Chrysophyta	CK, ES, LE
diatom, pennate	<i>Fragilaria capucina</i> var. <i>gracilis</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria capucina</i> var. <i>radians</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria capucina</i> var. <i>rumpens</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Fragilaria capucina</i> var. <i>vaucheriae</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Fragilaria construens</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria construens</i> f. <i>venter</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Fragilaria crotonensis</i>	Chrysophyta	ES, LE
diatom, pennate	<i>Fragilaria fasciculata</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Fragilaria leptostauron</i> var. <i>martyi</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria parasitica</i> var. <i>subconstricta</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria pulchella</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria tenera</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria ulna</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Fragilaria ulna</i> var. 1	Chrysophyta	ES
diatom, pennate	<i>Fragilaria ulna</i> var. <i>acus</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria ulna</i> var. <i>danica</i>	Chrysophyta	ES
diatom, pennate	<i>Fragilaria ulna</i> var. <i>obtusa</i>	Chrysophyta	CK
diatom, pennate	<i>Fragilaria ulna</i> var. <i>oxyrhynchus</i>	Chrysophyta	CK
diatom, pennate	<i>Fragilaria virescens</i>	Chrysophyta	CK, ES
diatom, pennate	<i>Frustulia rhomboides</i>	Chrysophyta	ES
diatom, pennate	<i>Frustulia vulgaris</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema acuminatum</i>	Chrysophyta	ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
diatom, pennate	<i>Gomphonema affine</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Gomphonema affine</i> var. <i>elongatum</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema amoenum</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema angustatum</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Gomphonema angustatum</i> var. <i>citera</i>	Chrysophyta	CK
diatom, pennate	<i>Gomphonema angustatum</i> var. <i>sarcophogus</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema angustum</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Gomphonema augar</i> var. <i>spaerophorum</i>	Chrysophyta	CK
diatom, pennate	<i>Gomphonema augur</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Gomphonema clavatum</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema clevei</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema dichotomum</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema gracile</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema minutum</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema minutum</i> f. <i>lamanense</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema olivaceum</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Gomphonema parvulum</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Gomphonema</i> sp.	Chrysophyta	ES
diatom, pennate	<i>Gomphonema truncatum</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphonema truncatum</i> var. <i>elongata</i>	Chrysophyta	ES
diatom, pennate	<i>Gomphosphaeria lacustris</i>	Cyanophyta	ES
diatom, pennate	<i>Gyrosigma acuminatum</i>	Chrysophyta	CK
diatom, pennate	<i>Gyrosigma attenuatum</i>	Chrysophyta	ES
diatom, pennate	<i>Gyrosigma exilis</i>	Chrysophyta	ES
diatom, pennate	<i>Gyrosigma scalproides</i>	Chrysophyta	ES
diatom, pennate	<i>Gyrosigma</i> sp.	Chrysophyta	ES
diatom, pennate	<i>Hantzschia amphioxys</i>	Chrysophyta	ES
diatom, pennate	<i>Meridion circulare</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Meridion circulare</i> var. <i>constrictum</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula absoluta</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula agnita</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula arvensis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula atomus</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula atomus</i> var. <i>permitis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula bacillum</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula bahusiensis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula capitata</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula capitata</i> var. <i>capitata</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula capitatoradiata</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula cincta</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula confervacea</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula contenta</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula cryptocephala</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula cryptotenella</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula cuspidata</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula decussis</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula elginensis</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula erifuga</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula goeppertiana</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula goeppertiana</i> var. <i>goeppertiana</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula goeppertiana</i> var. <i>monita</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula gregaria</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula grunowii</i> var. 1	Chrysophyta	ES
diatom, pennate	<i>Navicula halophila</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula heimansii</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula hustedtii</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula ingenua</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula insocibilis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula integra</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula lanceolata</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula menisculus</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula menisculus</i> var. <i>grunowii</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula menisculus</i> var. <i>upsaliensis</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula minima</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula minima</i> var. <i>pseudofossalis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula minusculoides</i>	Chrysophyta	ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
diatom, pennate	<i>Navicula molestiformis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula monoculata</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula mutica</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula mutica</i> var. <i>ventricosa</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula pelliculosa</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula praeterita</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula pseudolanceolata</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula pupula</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula pupula</i> var. <i>aquaeductae</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula pupula</i> var. <i>rectangularis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula pygmaea</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula radiosia</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula recens</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula rhynchocephala</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula salinarum</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula saprophila</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula schroeterii</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula seminulum</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula similis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula splendidula</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula subminuscula</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula submolesta</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula tenelloides</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula tenera</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula tripunctata</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula tripunctata</i> var. <i>schizonemoides</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula trivialis</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula vaucherie</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula veneta</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula viridula</i>	Chrysophyta	ES
diatom, pennate	<i>Navicula viridula</i> var. 1	Chrysophyta	ES
diatom, pennate	<i>Navicula viridula</i> var. <i>germainii</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Navicula viridula</i> var. <i>rostellata</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nedium affine</i>	Chrysophyta	ES
diatom, pennate	<i>Nedium dubium</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia acicularis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia acidoclinata</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia acuminata</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia admissoides</i>	Chrysophyta	CK
diatom, pennate	<i>Nitzschia agnita</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia amphibia</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nitzschia angustata</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia angustatula</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia angustiforaminata</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia bita?</i>	Chrysophyta	CK
diatom, pennate	<i>Nitzschia brevissima</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia capitellata</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia clausii</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia closterium</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia communis</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nitzschia commutatoides</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia compressa</i> var. <i>vexans</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia constricta</i>	Chrysophyta	CK
diatom, pennate	<i>Nitzschia dissipata</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nitzschia dissipata</i> var. <i>media</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia dubia</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia filiformis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia fonticola</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia frustulum</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia frustulum</i> var. <i>perpusilla</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia fruticosa</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia gracilis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia hantzschiana</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia hungarica</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia inconspicua</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia intermedia</i>	Chrysophyta	CK,ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
diatom, pennate	<i>Nitzschia levidensis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia linearis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia linearis</i> var. <i>subtilis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia littoralis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia microcephala</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia nereidis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia palea</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nitzschia palea</i> var. <i>minuta</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia paleacea</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia parvula</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia perspicua</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia plana</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia pusilla</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nitzschia recta</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nitzschia reversa</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia sigma</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia sigmoidea</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nitzschia sinuata</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia sinuata</i> var. <i>tabellaria</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Nitzschia sociabilis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia solita</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia spiculum</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia stricta</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia subacicularis</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia supralitorea</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia tropica</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia tryblionella</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia tubicola</i>	Chrysophyta	ES
diatom, pennate	<i>Nitzschia valga</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia abaujensis</i> var. <i>rostrata</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia borealis</i>	Chrysophyta	LE
diatom, pennate	<i>Pinnularia intermedia</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia microstauron</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia microstauron</i> var. <i>b. f. diminuta</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia microstauron</i> var. <i>brebissonii</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia nodosa</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia obscura</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia</i> sp.	Chrysophyta	ES
diatom, pennate	<i>Pinnularia stomatophora</i>	Chrysophyta	ES
diatom, pennate	<i>Pinnularia viridis</i>	Chrysophyta	ES
diatom, pennate	<i>Plagiotropis lepidoptera</i> var. <i>probosidea</i>	Chrysophyta	ES
diatom, pennate	<i>Pleurosigma delicatulum</i>	Chrysophyta	CK
diatom, pennate	<i>Reimeria sinuata</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Rhoicosphenia abbreviata</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Stauroneis anceps</i>	Chrysophyta	ES
diatom, pennate	<i>Stauroneis kriegeri</i>	Chrysophyta	ES
diatom, pennate	<i>Stauroneis phoenicenteron</i>	Chrysophyta	ES
diatom, pennate	<i>Stauroneis smithii</i>	Chrysophyta	ES
diatom, pennate	<i>Stauroneis thermicola</i>	Chrysophyta	ES
diatom, pennate	<i>Surirella angusta</i>	Chrysophyta	ES
diatom, pennate	<i>Surirella brebissonii</i> var. <i>kuetzingii</i>	Chrysophyta	ES
diatom, pennate	<i>Surirella minuta</i>	Chrysophyta	CK,ES
diatom, pennate	<i>Surirella ovalis</i>	Chrysophyta	ES
diatom, pennate	<i>Surirella suecica</i>	Chrysophyta	ES
diatom, pennate	<i>Surirella tenera</i>	Chrysophyta	ES
diatom, pennate	<i>Surirella turgida</i>	Chrysophyta	ES
diatom, pennate	<i>Tabellaria fenestrata</i>	Chrysophyta	ES
diatom, pennate	<i>Tabellaria</i> sp.	Chrysophyta	ES
diatoms, pennate	<i>Navicula</i> spp.	Chrysophyta	ES
dinoflagellate	<i>Ceratium hirundinella</i>	Pyrrhophyta	ES,LE
dinoflagellate	<i>Ceratium</i> sp.	Pyrrhophyta	ES
dinoflagellate	<i>Glenodinium</i> sp.	Pyrrhophyta	ES
dinoflagellate	<i>Gymnodinium aeruginosum</i>	Pyrrhophyta	ES
dinoflagellate	<i>Gymnodinium helveticum</i>	Pyrrhophyta	ES
dinoflagellate	<i>Gymnodinium palustre</i>	Pyrrhophyta	ES
dinoflagellate	<i>Katodinium fungiforme</i>	Pyrrhophyta	ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
dinoflagellate	<i>Perdiniopsis quadridens</i>	Pyrrhophyta	ES
dinoflagellate	<i>Woloszynskia coronata</i>	Pyrrhophyta	ES
dinoflagellates	<i>Gymnodinium</i> spp.	Pyrrhophyta	CK,ES
euglenoid	<i>Ascoglena</i> sp.	Euglenophyta	ES
euglenoid	<i>Ascoglena vaginicola</i>	Euglenophyta	ES
euglenoid	<i>Astasia klebsii</i>	Euglenophyta	ES
euglenoid	<i>Euglena acus</i>	Euglenophyta	ES
euglenoid	<i>Euglena bellovacensis</i>	Euglenophyta	ES
euglenoid	<i>Euglena deses</i>	Euglenophyta	ES
euglenoid	<i>Euglena ehrenbergii</i>	Euglenophyta	ES
euglenoid	<i>Euglena elastica</i>	Euglenophyta	ES
euglenoid	<i>Euglena fronsundulata</i>	Euglenophyta	ES
euglenoid	<i>Euglena gasterosteus</i>	Euglenophyta	CK,ES
euglenoid	<i>Euglena gracilis</i>	Euglenophyta	ES
euglenoid	<i>Euglena ignobilis</i>	Euglenophyta	ES
euglenoid	<i>Euglena minima</i>	Euglenophyta	ES
euglenoid	<i>Euglena oxyuris</i>	Euglenophyta	ES
euglenoid	<i>Euglena oxyuris</i> var. <i>minima</i>	Euglenophyta	ES
euglenoid	<i>Euglena oxyuris</i> var. <i>minor</i>	Euglenophyta	ES
euglenoid	<i>Euglena pisciformis</i>	Euglenophyta	ES
euglenoid	<i>Euglena proxima</i>	Euglenophyta	ES
euglenoid	<i>Euglena spathirhyncha</i>	Euglenophyta	ES
euglenoid	<i>Euglena spirogyra</i>	Euglenophyta	ES
euglenoid	<i>Euglena tripteris</i>	Euglenophyta	ES
euglenoid	<i>Euglena vermiformis</i>	Euglenophyta	ES
euglenoid	<i>Lepocinclis ovum</i>	Euglenophyta	ES
euglenoid	<i>Lepocinclis ovum</i> f. <i>typica</i>	Euglenophyta	ES
euglenoid	<i>Lepocinclis ovum</i> var. <i>deflandriana</i>	Euglenophyta	ES
euglenoid	<i>Lepocinclis ovum</i> var. <i>dimidio-minor</i>	Euglenophyta	ES
euglenoid	<i>Lepocinclis ovum</i> var. <i>ovata</i> f. <i>ecaudata</i>	Euglenophyta	ES
euglenoid	<i>Lepocinclis texta</i> f. <i>minor</i>	Euglenophyta	ES
euglenoid	<i>Menoidium gibbum</i>	Euglenophyta	ES
euglenoid	<i>Phacus acuminatus</i>	Euglenophyta	CK,ES
euglenoid	<i>Phacus arnoldi</i>	Euglenophyta	ES
euglenoid	<i>Phacus caudatus</i>	Euglenophyta	ES
euglenoid	<i>Phacus contortus</i>	Euglenophyta	ES
euglenoid	<i>Phacus curvicauda</i>	Euglenophyta	ES
euglenoid	<i>Phacus helikoides</i>	Euglenophyta	ES
euglenoid	<i>Phacus longicauda</i>	Euglenophyta	ES
euglenoid	<i>Phacus obicularis</i>	Euglenophyta	ES
euglenoid	<i>Phacus pleuronectes</i>	Euglenophyta	ES
euglenoid	<i>Phacus pseudonordstedii</i>	Euglenophyta	ES
euglenoid	<i>Phacus rudicula</i>	Euglenophyta	ES
euglenoid	<i>Phacus</i> sp.	Euglenophyta	ES
euglenoid	<i>Phacus tortus</i>	Euglenophyta	ES
euglenoid	<i>Phacus triqueter</i>	Euglenophyta	ES
euglenoid	<i>Rhabdomonas</i> sp.	Euglenophyta	ES
euglenoid	<i>Scytomonas</i> sp.	Euglenophyta	ES
euglenoid	<i>Strombomonas acuminata</i>	Euglenophyta	ES
euglenoid	<i>Strombomonas fluviatilis</i>	Euglenophyta	ES
euglenoid	<i>Strombomonas gibberosa</i>	Euglenophyta	ES
euglenoid	<i>Strombomonas longicauda</i>	Euglenophyta	ES
euglenoid	<i>Strombomonas schauinslandii</i>	Euglenophyta	ES
euglenoid	<i>Strombomonas</i> sp.	Euglenophyta	ES
euglenoid	<i>Strombomonas verrucosa</i> var. <i>zmiewika</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas abrupta</i> var. <i>minor</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas armata</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas bulla</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas crebea</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas granulosa</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas hispida</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas horrida</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas lacustris</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas oblonga</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas oblonga</i> var. <i>attenuata</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas oblonga</i> var. <i>truncata</i>	Euglenophyta	ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
euglenoid	<i>Trachelomonas oblonga</i> var. <i>umbilicophora</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas planctonica</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas scabra</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas spiralis</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas superba</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas varians</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas volvocina</i>	Euglenophyta	ES
euglenoid	<i>Trachelomonas volvocina</i> var. <i>minuta</i>	Euglenophyta	ES
euglenoid	<i>Urceolus ovatus</i>	Euglenophyta	ES
euglenoid	<i>Urceolus sabulosus</i>	Euglenophyta	ES
euglenoids	<i>Astasia</i> spp.	Euglenophyta	ES
euglenoids	<i>Euglena</i> spp.	Euglenophyta	CK,ES
euglenoids	<i>Lepocinclis</i> spp.	Euglenophyta	CK,ES
euglenoids	<i>Trachelomonas</i> spp.	Euglenophyta	ES
golden-brown alga	<i>Anthophysa steinii</i>	Chrysophyta	ES
golden-brown alga	<i>Anthophysa vegetans</i>	Chrysophyta	ES
golden-brown alga	<i>Chrysococcus biporus</i>	Chrysophyta	ES
golden-brown alga	<i>Chrysococcus minutus</i>	Chrysophyta	ES
golden-brown alga	<i>Chrysococcus rufescens</i> var. <i>tripora</i>	Chrysophyta	ES
golden-brown alga	<i>Chrysococcus triporus</i>	Chrysophyta	ES
golden-brown alga	<i>Dinobryon bavaricum</i>	Chrysophyta	ES
golden-brown alga	<i>Dinobryon divergens</i>	Chrysophyta	ES
golden-brown alga	<i>Dinobryon sertularia</i>	Chrysophyta	ES
golden-brown alga	<i>Dinobryon sociale</i>	Chrysophyta	ES
golden-brown alga	<i>Dinobryon</i> sp.	Chrysophyta	ES
golden-brown alga	<i>Epipyxis tabellariae</i>	Chrysophyta	ES
golden-brown alga	<i>Kephyrion ovale</i>	Chrysophyta	ES
golden-brown alga	<i>Kephyrion spirale</i>	Chrysophyta	LE
golden-brown alga	<i>Mallomonas acaroides</i>	Chrysophyta	ES
golden-brown alga	<i>Mallomonas elegans</i>	Chrysophyta	ES
golden-brown alga	<i>Mallomonas intermedia</i>	Chrysophyta	ES
golden-brown alga	<i>Microglena</i> sp.	Chrysophyta	ES
golden-brown alga	<i>Monas guttula</i>	Chrysophyta	ES
golden-brown alga	<i>Monas socialis</i>	Chrysophyta	ES
golden-brown alga	<i>Monas</i> sp.	Chrysophyta	ES
golden-brown alga	<i>Ochromonas ludibunda</i>	Chrysophyta	ES
golden-brown alga	<i>Ochromonas nana</i>	Chrysophyta	ES
golden-brown alga	<i>Ochromonas</i> sp.	Chrysophyta	ES
golden-brown alga	<i>Physomonas vestita</i>	Chrysophyta	ES
golden-brown alga	<i>Pseudokephyrion cylindricum</i>	Chrysophyta	ES
golden-brown alga	<i>Pseudokephyrion entzii</i> f. <i>granulata</i>	Chrysophyta	ES
golden-brown alga	<i>Spumella</i> sp.	Chrysophyta	ES
golden-brown alga	<i>Stokesiella</i> sp.	Chrysophyta	ES
golden-brown alga	<i>Synura uvella</i>	Chrysophyta	ES
golden-brown algae	<i>Chrysococcus</i> spp.	Chrysophyta	ES
golden-brown algae	<i>Kephyrion</i> spp.	Chrysophyta	ES
green alga	<i>Actinastrum hantzschii</i>	Chlorophyta	ES
green alga	<i>Ankistrodesmus falcatus</i>	Chlorophyta	ES
green alga	<i>Ankistrodesmus stipitatus</i>	Chlorophyta	ES
green alga	<i>Ankyra judayi</i>	Chlorophyta	ES
green alga	<i>Carteria bourrellyi</i>	Chlorophyta	ES
green alga	<i>Carteria globosa</i>	Chlorophyta	ES
green alga	<i>Carteria</i> sp.	Chlorophyta	ES
green alga	<i>Carteria wisconsinensis</i>	Chlorophyta	CK,ES
green alga	<i>Characium curvatum</i>	Chlorophyta	ES
green alga	<i>Characium</i> sp.	Chlorophyta	ES
green alga	<i>Chlamydocapsa ampla</i>	Chlorophyta	CK,ES
green alga	<i>Chlamydocapsa planctonica</i>	Chlorophyta	ES
green alga	<i>Chlamydocapsa</i> sp.	Chlorophyta	ES
green alga	<i>Chlamydomonas globosa</i>	Chlorophyta	CK,ES
green alga	<i>Chlamydomonas gracilis</i>	Chlorophyta	ES
green alga	<i>Chlamydomonas monadina</i>	Chlorophyta	ES
green alga	<i>Chlamydomonas reinhardtii</i>	Chlorophyta	ES
green alga	<i>Chlamydomonas subasymmetrica</i>	Chlorophyta	ES
green alga	<i>Chlamydonephris excavata</i>	Chlorophyta	ES
green alga	<i>Chlorococcum</i> sp.	Chlorophyta	ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
green alga	<i>Chlorogonium elongatum</i>	Chlorophyta	ES
green alga	<i>Chlorogonium euchlorum</i>	Chlorophyta	ES
green alga	<i>Chlorogonium hyalinum</i>	Chlorophyta	ES
green alga	<i>Cladophora glomerata</i>	Chlorophyta	ES, LE
green alga	<i>Closteriopsis acicularis</i>	Chlorophyta	ES
green alga	<i>Coelastrum astroidenum</i>	Chlorophyta	ES
green alga	<i>Coelastrum cambricum</i>	Chlorophyta	ES
green alga	<i>Coelastrum microporum</i>	Chlorophyta	ES
green alga	<i>Coelastrum pseucomicroporum</i>	Chlorophyta	ES
green alga	<i>Coelastrum</i> sp.	Chlorophyta	ES
green alga	<i>Crucigenia fenestrata</i>	Chlorophyta	ES
green alga	<i>Crucigenia mucronata</i>	Chlorophyta	ES
green alga	<i>Crucigenia quadrata</i>	Chlorophyta	ES
green alga	<i>Crucigenia tetrapedia</i>	Chlorophyta	ES
green alga	<i>Crucigeniella apiculata</i>	Chlorophyta	ES
green alga	<i>Crucigeniella rectangularis</i>	Chlorophyta	ES
green alga	<i>Desmococcus olivaceus</i>	Chlorophyta	OK
green alga	<i>Dictyosphaerium puchellum</i>	Chlorophyta	ES
green alga	<i>Didymocystis inconspicua</i>	Chlorophyta	ES
green alga	<i>Didymocystis planctonicus</i>	Chlorophyta	ES
green alga	<i>Didymocystis</i> sp.	Chlorophyta	ES
green alga	<i>Didymogenes palatina</i>	Chlorophyta	ES
green alga	<i>Draparnaldia glomerata</i>	Chlorophyta	OK, ES
green alga	<i>Eudorina elegans</i>	Chlorophyta	LE
green alga	<i>Franceia droescheri</i>	Chlorophyta	ES
green alga	<i>Gloeocystis vesiculosa</i>	Chlorophyta	OK, ES
green alga	<i>Golenkinia radiata</i>	Chlorophyta	ES
green alga	<i>Golenkiniopsis</i> sp.	Chlorophyta	ES
green alga	<i>Haematococcus pluvialis</i>	Chlorophyta	ES
green alga	<i>Kirchneriella contorta</i> var. <i>contorta</i>	Chlorophyta	ES
green alga	<i>Kirchneriella contorta</i> var. <i>elegans</i>	Chlorophyta	ES
green alga	<i>Kirchneriella lunaris</i>	Chlorophyta	ES
green alga	<i>Kirchneriella</i> sp.	Chlorophyta	ES
green alga	<i>Korshikoviella limnetica</i>	Chlorophyta	ES
green alga	<i>Lagerheimia balatonica</i>	Chlorophyta	ES
green alga	<i>Lagerheimia ciliata</i>	Chlorophyta	ES
green alga	<i>Lagerheimia citriformis</i>	Chlorophyta	ES
green alga	<i>Lagerheimia genevensis</i>	Chlorophyta	ES
green alga	<i>Lagerheimia marssonii</i>	Chlorophyta	ES
green alga	<i>Lagerheimia subsalsa</i>	Chlorophyta	ES
green alga	<i>Lagerheimia wratislawiensis</i>	Chlorophyta	ES
green alga	<i>Micractinium pusillum</i>	Chlorophyta	ES
green alga	<i>Microspora</i> sp.	Chlorophyta	ES
green alga	<i>Microspora stagnorum</i>	Chlorophyta	ES
green alga	<i>Monoraphidium arcuatum</i>	Chlorophyta	ES, LE
green alga	<i>Monoraphidium circinale</i>	Chlorophyta	ES
green alga	<i>Monoraphidium contortum</i>	Chlorophyta	ES
green alga	<i>Monoraphidium convolutum</i> var. <i>convolutum</i>	Chlorophyta	ES
green alga	<i>Monoraphidium griffithii</i>	Chlorophyta	ES
green alga	<i>Monoraphidium komarkovae</i>	Chlorophyta	ES
green alga	<i>Monoraphidium mirabile</i>	Chlorophyta	ES
green alga	<i>Monoraphidium</i> sp.	Chlorophyta	ES
green alga	<i>Mougeotia</i> sp.	Chlorophyta	ES
green alga	<i>Neodesmus danubialis</i>	Chlorophyta	ES
green alga	<i>Nephrochlamys subsolitaria</i>	Chlorophyta	ES
green alga	<i>Oedogonium</i> sp.	Chlorophyta	ES
green alga	<i>Oocystis lacustris</i>	Chlorophyta	ES, LE
green alga	<i>Oocystis novae-semliae</i>	Chlorophyta	ES
green alga	<i>Oocystis parva</i>	Chlorophyta	ES
green alga	<i>Oocystis pusilla</i>	Chlorophyta	ES
green alga	<i>Oocystis</i> sp.	Chlorophyta	ES
green alga	<i>Pandorina</i> sp.	Chlorophyta	ES
green alga	<i>Pandorinamorum</i>	Chlorophyta	ES
green alga	<i>Pediastrum boryanum</i>	Chlorophyta	ES
green alga	<i>Pediastrum duplex</i>	Chlorophyta	ES
green alga	<i>Pediastrum duplex</i> var. <i>duplex</i>	Chlorophyta	ES

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
green alga	<i>Pediastrum duplex</i> var. <i>reticulatum</i>	Chlorophyta	ES
green alga	<i>Pediastrum simplex</i>	Chlorophyta	ES
green alga	<i>Pediastrum simplex</i> var. <i>biwaense</i>	Chlorophyta	ES
green alga	<i>Pediastrum simplex</i> var. <i>echinulatum</i>	Chlorophyta	ES
green alga	<i>Pediastrum simplex</i> var. <i>sturmii</i>	Chlorophyta	ES
green alga	<i>Pediastrum</i> sp.	Chlorophyta	ES
green alga	<i>Pediastrum tetras</i>	Chlorophyta	ES
green alga	<i>Pediastrum tetras</i> var. <i>tetraodon</i>	Chlorophyta	ES
green alga	<i>Pedinopera</i> sp.	Chlorophyta	ES
green alga	<i>Phacotus lenticularis</i>	Chlorophyta	ES
green alga	<i>Phacotus</i> sp.	Chlorophyta	ES
green alga	<i>Pseudosphaerocystis lacustris</i>	Chlorophyta	CK,ES
green alga	<i>Pteromonas angulosa</i>	Chlorophyta	ES
green alga	<i>Pteromonas</i> sp.	Chlorophyta	ES
green alga	<i>Quadrigula closteroides</i>	Chlorophyta	ES
green alga	<i>Quadrigula lacustris</i>	Chlorophyta	ES
green alga	<i>Radiofilum conjunctivum</i>	Chlorophyta	CK
green alga	<i>Rhizoclonium hieroglyphicum</i>	Chlorophyta	CK
green alga	<i>Scenedesmus acuminatus</i>	Chlorophyta	ES
green alga	<i>Scenedesmus acuminatus</i> var. <i>minor</i>	Chlorophyta	ES
green alga	<i>Scenedesmus armatus</i>	Chlorophyta	ES
green alga	<i>Scenedesmus bicaudatus</i>	Chlorophyta	ES
green alga	<i>Scenedesmus bijuga</i>	Chlorophyta	ES
green alga	<i>Scenedesmus bijuga</i> var. <i>alternans</i>	Chlorophyta	ES
green alga	<i>Scenedesmus brevispina</i>	Chlorophyta	ES
green alga	<i>Scenedesmus denticulatus</i>	Chlorophyta	ES
green alga	<i>Scenedesmus dimorphus</i>	Chlorophyta	CK,ES
green alga	<i>Scenedesmus hystrix</i>	Chlorophyta	ES
green alga	<i>Scenedesmus longispina</i>	Chlorophyta	ES
green alga	<i>Scenedesmus opoliensis</i>	Chlorophyta	CK,ES
green alga	<i>Scenedesmus quadricauda</i>	Chlorophyta	ES
green alga	<i>Scenedesmus quadricauda</i> var. <i>longispina</i>	Chlorophyta	ES
green alga	<i>Scenedesmus sempervirens</i>	Chlorophyta	ES
green alga	<i>Scenedesmus serratus</i>	Chlorophyta	ES
green alga	<i>Scenedesmus smithii</i>	Chlorophyta	ES
green alga	<i>Scenedesmus soo?</i>	Chlorophyta	ES
green alga	<i>Scenedesmus subspicatus</i>	Chlorophyta	ES
green alga	<i>Scenedesmus verrucosus</i>	Chlorophyta	ES
green alga	<i>Schroederia indica</i>	Chlorophyta	LE
green alga	<i>Schroederia robusta</i>	Chlorophyta	ES
green alga	<i>Schroederia setigera</i>	Chlorophyta	ES
green alga	<i>Schroederia spiralis</i>	Chlorophyta	ES
green alga	<i>Selenastrum capricornutum</i>	Chlorophyta	ES
green alga	<i>Selenastrum</i> sp.	Chlorophyta	ES
green alga	<i>Spirogyra</i> sp.	Chlorophyta	CK,ES
green alga	<i>Stigeoclonium farctum</i>	Chlorophyta	ES
green alga	<i>Stigeoclonium</i> sp.	Chlorophyta	ES
green alga	<i>Stigeoclonium tenue</i>	Chlorophyta	ES
green alga	<i>Tetraedron caudatum</i>	Chlorophyta	ES
green alga	<i>Tetraedron incus</i>	Chlorophyta	ES
green alga	<i>Tetraedron minimum</i>	Chlorophyta	CK,ES
green alga	<i>Tetraedron muticum</i>	Chlorophyta	ES
green alga	<i>Tetraedron regulare</i>	Chlorophyta	ES
green alga	<i>Tetraedron trigonum</i> var. <i>gracile</i>	Chlorophyta	ES
green alga	<i>Tetrastrum elegans</i>	Chlorophyta	ES
green alga	<i>Tetrastrum glabrum</i>	Chlorophyta	CK,ES
green alga	<i>Tetrastrum heteracanthum</i>	Chlorophyta	ES
green alga	<i>Tetrastrum heteracanthum</i> (<i>elegans</i> f.)	Chlorophyta	ES
green alga	<i>Tetrastrum punctatum</i>	Chlorophyta	ES
green alga	<i>Tetrastrum staurogeniaeforme</i>	Chlorophyta	ES
green alga	<i>Treubaria quadrispina</i>	Chlorophyta	ES
green alga	<i>Treubaria schmidlei</i>	Chlorophyta	ES
green alga	<i>Treubaria triappendiculata</i>	Chlorophyta	ES
green alga	<i>Ulothrix</i> sp.	Chlorophyta	ES
green alga	<i>Ulothrix tenerrima</i>	Chlorophyta	CK
green alga	<i>Ulothrix tenuissima</i>	Chlorophyta	CK

ALGAL FLORA (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
green alga	<i>Volvox</i> sp.	Chlorophyta	ES
green alga	<i>Willea irregularis</i>	Chlorophyta	ES
green algae	<i>Chlamydomonas</i> spp.	Chlorophyta	CK,ES,LE
green algae	<i>Nephrochlamys</i> spp.	Chlorophyta	ES
green algae	<i>Scenedesmus</i> spp.	Chlorophyta	CK,ES
green algae	<i>Sphaerellopsis</i> spp.	Chlorophyta	ES
green alga, desmid	<i>Closterium aciculare</i> var. <i>aciculare</i>	Chlorophyta	ES
green alga, desmid	<i>Closterium acutum</i> var. <i>acutum</i>	Chlorophyta	ES
green alga, desmid	<i>Closterium acutum</i> var. <i>variabile</i>	Chlorophyta	ES
green alga, desmid	<i>Closterium gracile</i> var. <i>gracile</i>	Chlorophyta	ES
green alga, desmid	<i>Closterium intermedium</i>	Chlorophyta	CK
green alga, desmid	<i>Closterium limneticum</i> var. <i>limneticum</i>	Chlorophyta	ES
green alga, desmid	<i>Closterium macilentum</i> var. <i>macilentum</i>	Chlorophyta	ES
green alga, desmid	<i>Closterium moniliferum</i> var. <i>moniliferum</i>	Chlorophyta	ES
green alga, desmid	<i>Cosmarium formosulum</i>	Chlorophyta	ES
green alga, desmid	<i>Cosmarium granatum</i>	Chlorophyta	ES
green alga, desmid	<i>Cosmarium granatum</i> var. <i>granatum</i>	Chlorophyta	ES
green alga, desmid	<i>Cosmarium granulatum</i> ?	Chlorophyta	ES
green alga, desmid	<i>Staurostrum gracile</i>	Chlorophyta	ES
green algae, desmids	<i>Closterium</i> spp.	Chlorophyta	ES
green algae, desmids	<i>Cosmarium</i> spp.	Chlorophyta	ES
red alga	<i>Bangia atropurpurea</i>	Rhodophyta	LE
yellow-green alga	<i>Centritractus ellipsoideus</i>	Chrysophyta	ES
yellow-green alga	<i>Goniochloris fallax</i>	Chrysophyta	ES
yellow-green alga	<i>Ophiocytium capitatum</i> var. <i>longispina</i>	Chrysophyta	ES
yellow-green alga	<i>Pseudostaurostrum hastatum</i>	Chrysophyta	ES
yellow-green alga	<i>Stipitococcus vasiformis</i>	Chrysophyta	ES
yellow-green alga	<i>Vaucheria</i> sp.	Chrysophyta	ES

FUNGI AND LICHENS
(Kingdom Fungi)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
agaricus	<i>Agaricus comtulus</i>	Basidiomycota	RE
amanitopsis, sheathed	<i>Amanitopsis vaginata</i>	Basidiomycota	RE
anthracnose, dogwood	<i>Elsinoë corni</i>	Ascomycota	CK
anthracnose, sycamore	<i>Apiognomonina veneta</i>	Ascomycota	CK
bird's nest, fluted	<i>Cyathus striatus</i>	Basidiomycota	RE
black knot	<i>Apiosporina morbosa</i>	Ascomycota	CK
black rot, apple	<i>Botryosphaeria obtusa</i>	Ascomycota	CK
black rot, grape	<i>Guignardia bidwellii</i>	Ascomycota	CK,RE
blight, chestnut	<i>Cryphonectria parasitica</i>	Ascomycota	CK
blight, raspberry cane	<i>Coniothyrium</i> sp.	Deuteromycota	CK
bolete, edible	<i>Boletus piperatus</i>	Basidiomycota	RE
bolete, golden-flesh or red-crack	<i>Boletus chrysenteron</i>	Basidiomycota	RE
bracket, spit-gilled	<i>Schizophyllum commune</i>	Basidiomycota	RE
brittle gills	<i>Russula pectinata</i>	Basidiomycota	RE
brittle gills, compact	<i>Russula compacta</i>	Basidiomycota	RE
brittle gills, crab-scented	<i>Russula xerampelina</i>	Basidiomycota	RE
brittle gills, fetid	<i>Russula ftens</i>	Basidiomycota	RE
brittle gills, red	<i>Russula alutacea</i>	Basidiomycota	RE
brown rot, stone fruits	<i>Monilinia fructicola</i>	Ascomycota	CK
canker, nectria	<i>Nectria galligena</i>	Ascomycota	CK
canker, peach	<i>Leucostoma</i> sp.	Ascomycota	CK
claviceps, ergot	<i>Claviceps purpurea</i>	Ascomycota	RE
clitocybe, funnel	<i>Clitocybe infundibuliformis-membranacea</i>	Basidiomycota	RE
collybia	<i>Collybia delicatella</i>	Basidiomycota	RE
collybia, broad-gilled	<i>Collybia platyphylla</i>	Basidiomycota	RE
collybia, conifer	<i>Collybia myriadophylla</i>	Basidiomycota	RE
collybia, oak-loving	<i>Collybia dryophila</i>	Basidiomycota	RE
dead man's fingers	<i>Xylaria polymorpha</i>	Ascomycota	RE
death cup	<i>Amanita phalloides</i>	Basidiomycota	RE
disease, Dutch elm	<i>Ophiostoma ulmi</i>	Ascomycota	CK
downy mildew	<i>Cystopus bliti</i>	Phycomycota	RE
downy mildew	<i>Cystopus candidus</i>	Phycomycota	RE
downy mildew	<i>Peronospora geranii</i>	Phycomycota	RE
downy mildew	<i>Peronospora parasitica</i>	Phycomycota	RE

FUNGI AND LICHENS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
downy mildew	<i>Phytophthora undulatum</i>	Phycomycota	LE,RE
downy mildew	<i>Plasmopara sordida</i>	Phycomycota	RE
downy mildew	<i>Pythium aphanidermatum</i>	Phycomycota	LE,RE
downy mildew	<i>Pythium cystosiphon?</i>	Phycomycota	LE,RE
downy mildew	<i>Pythium debaryanum</i>	Phycomycota	LE,RE
downy mildew	<i>Pythium proliferum</i>	Phycomycota	LE,RE
downy mildew	<i>Pythium pulchrum</i>	Phycomycota	LE,RE
downy mildew	<i>Pythium</i> sp.	Phycomycota	LE,RE
downy mildew	<i>Pythium ultimum</i>	Phycomycota	LE,RE
downy mildew	<i>Sphærotheca castagnei</i>	Ascomycota	RE
downy mildew of grape	<i>Plasmopara viticola</i>	Phycomycota	CK, ES, RE
earth ball, common	<i>Scleroderma citrinum</i>	Basidiomycota	CK
earthstar, water measuring	<i>Geaster hygrometricus</i>	Basidiomycota	RE
entoloma	<i>Entoloma</i> sp.	Basidiomycota	RE
fiber cap	<i>Inocybe</i> sp.	Basidiomycota	RE
flyspeck, apple	<i>Zygophiala jamaicensis</i>	Deuteromycota	CK
fomes, artist's	<i>Fomes applanatus</i>	Basidiomycota	RE
fungus, artist's shelf	<i>Ganoderma applanatum</i>	Basidiomycota	CK
fungus, artist's type	<i>Fomes everhartii</i>	Basidiomycota	CK
fungus, artist's type	<i>Fomes ohioensis</i>	Basidiomycota	CK
fungus, birch mazegill	<i>Lenzites betulina</i>	Basidiomycota	CK
fungus, cup	<i>Patella setosa</i>	Ascomycota	CK
fungus, currycomb bracket	<i>Daedalea confragosa</i>	Basidiomycota	CK
fungus, Dryad's saddle	<i>Polyporus squamosus</i>	Basidiomycota	CK
fungus, edible coral	<i>Clavaria pyxidata</i>	Basidiomycota	RE
fungus, false turkeytail	<i>Stereum frustulosum</i>	Basidiomycota	CK
fungus, finger	<i>Xylaria digitata</i>	Ascomycota	RE
fungus, flask	<i>Diaporthe ailanthi</i>	Ascomycota	RE
fungus, hydnum tooth	<i>Steccherinum ochraceum</i>	Basidiomycota	CK
fungus, imperfect	<i>Cercospora chenopodii</i>	Deuteromycota	RE
fungus, imperfect	<i>Cercospora clavata</i>	Deuteromycota	RE
fungus, imperfect	<i>Cercospora helianthi</i>	Deuteromycota	RE
fungus, imperfect	<i>Cercospora maianthemi</i>	Deuteromycota	RE
fungus, imperfect	<i>Cercospora monoica</i>	Deuteromycota	RE
fungus, imperfect	<i>Cercospora osmorhizæ</i>	Deuteromycota	RE
fungus, imperfect	<i>Cercospora oxybaphi</i>	Deuteromycota	RE
fungus, imperfect	<i>Cercospora tuberosa</i>	Deuteromycota	RE
fungus, imperfect	<i>Cicinnobolus cesatii</i>	Deuteromycota	RE
fungus, imperfect	<i>Cylindrosporium padi</i>	Deuteromycota	RE
fungus, imperfect	<i>Didymaria ungeri</i>	Deuteromycota	RE
fungus, imperfect	<i>Drechslera teres</i>	Deuteromycota	RE
fungus, imperfect	<i>Gleosporium irregulare</i>	Deuteromycota	RE
fungus, imperfect	<i>Gleosporium nervisequum</i>	Deuteromycota	RE
fungus, imperfect	<i>Gleosporium septorioides</i>	Deuteromycota	RE
fungus, imperfect	<i>Macrosporium saponariæ</i>	Deuteromycota	RE
fungus, imperfect	<i>Macrosporium solani</i>	Deuteromycota	RE
fungus, imperfect	<i>Marsonia toxicodendri</i>	Deuteromycota	RE
fungus, imperfect	<i>Ovularia obliqua</i>	Deuteromycota	RE
fungus, imperfect	<i>Phoma uvicola</i>	Deuteromycota	RE
fungus, imperfect	<i>Phyllosticta cruenta</i>	Deuteromycota	RE
fungus, imperfect	<i>Phyllosticta iridis</i>	Deuteromycota	RE
fungus, imperfect	<i>Phyllosticta palustri</i>	Deuteromycota	RE
fungus, imperfect	<i>Phyllosticta phaseolina</i>	Deuteromycota	RE
fungus, imperfect	<i>Ramularia arvensis</i>	Deuteromycota	RE
fungus, imperfect	<i>Ramularia celastri</i>	Deuteromycota	RE
fungus, imperfect	<i>Ramularia variabilis</i>	Deuteromycota	RE
fungus, imperfect	<i>Rhinotrichum curtisii</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria ægopodii</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria aquilegiæ</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria erigerontis</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria lactucicola</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria littorea</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria lophanthi</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria musiva</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria ochroleuca</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria oenotheræ</i>	Deuteromycota	RE

FUNGI AND LICHENS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
fungus, imperfect	<i>Septoria podophyllina</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria polygonorum</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria rubi</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria scrophulariæ</i>	Deuteromycota	RE
fungus, imperfect	<i>Septoria violæ-palustris</i>	Deuteromycota	RE
fungus, imperfect	<i>Tuberculina persicina</i>	Deuteromycota	RE
fungus, jelly	<i>Exidia spiculosa</i>	Basidiomycota	CK
fungus, jelly	<i>Tremella candida</i>	Basidiomycota	RE
fungus, military orange caterpillar	<i>Cordyceps militaris</i>	Ascomycota	RE
fungus, oak mazegill	<i>Daedalea quercina</i>	Basidiomycota	CK
fungus, orange peel	<i>Aleuria aurantia</i>	Ascomycota	CK
fungus, pore	<i>Bjerkandera adusta</i>	Basidiomycota	CK
fungus, pore	<i>Favolus alveolaris</i>	Basidiomycota	CK
fungus, pore	<i>Oligoporus tephroleucus</i>	Basidiomycota	CK
fungus, pore	<i>Polyporus elegans</i>	Basidiomycota	CK
fungus, pore	<i>Poria unita</i>	Basidiomycota	CK
fungus, pore	<i>Trametes conchifer</i>	Basidiomycota	CK
fungus, pore, fleshy or bolete	<i>Gyrodrom merulioides</i>	Basidiomycota	CK
fungus, red leather	<i>Hydrochaete olivacea</i>	Basidiomycota	CK,RE
fungus, soft coral	<i>Clavaria flaccida</i>	Basidiomycota	RE
fungus, turkeytail or pore	<i>Trametes versicolor</i>	Basidiomycota	CK
fungus, white leather	<i>Irpex lacteus</i>	Basidiomycota	RE
fungus, zoned black	<i>Daldinia cingulata</i>	Ascomycota	RE
galerina, deadly	<i>Galera sp.</i>	Basidiomycota	RE
gomphidius	<i>Gomphidius sp.</i>	Basidiomycota	RE
ink-cup	<i>Coprinus fuscescens</i>	Basidiomycota	RE
ink-cup, glistening	<i>Coprinus micaceus</i>	Basidiomycota	RE
knight-cap	<i>Tricholoma albo-flavidum</i>	Basidiomycota	RE
leaf curl, peach	<i>Taphrina deformans</i>	Ascomycota	CK
leaf spot	<i>Pseudopeziza medicaginis</i>	Ascomycota	RE
leaf spot, cherry	<i>Blumeriella jaapii</i>	Ascomycota	CK
leaf spot, strawberry	<i>Mycosphaerella fragariae</i>	Ascomycota	CK
lentinus	<i>Lentinus sulcatus</i>	Basidiomycota	RE
lepiota	<i>Lepiota illinita</i>	Basidiomycota	RE
lepiota, Adirondacks	<i>Lepiota adirondackensis</i>	Basidiomycota	RE
lepiota, crested	<i>Lepiota cristata</i>	Basidiomycota	RE
lepiota, ermine	<i>Lepiota erminea</i>	Basidiomycota	RE
lichen	<i>Alectoria nidulifera</i>	Mycophycophyta	RE
lichen	<i>Anaptychia echinata</i>	Mycophycophyta	RE
lichen	<i>Anaptychia hypoleuca</i>	Mycophycophyta	RE
lichen	<i>Anaptychia leucomelaena</i>	Mycophycophyta	RE
lichen	<i>Anaptychia palmulata</i>	Mycophycophyta	RE
lichen	<i>Anaptychia speciosa</i>	Mycophycophyta	RE
lichen	<i>Arthonia punctiformis</i>	Mycophycophyta	RE
lichen	<i>Arthonia radiata</i>	Mycophycophyta	RE
lichen	<i>Arthopyrenia alba</i>	Mycophycophyta	RE
lichen	<i>Arthothelium spectabile</i>	Mycophycophyta	RE
lichen	<i>Bacidia fusciorubella</i>	Mycophycophyta	RE
lichen	<i>Bacidia schweinitzii</i>	Mycophycophyta	RE
lichen	<i>Bilimbia sabuletorum</i>	Mycophycophyta	RE
lichen	<i>Bilimbia trachona</i>	Mycophycophyta	RE
lichen	<i>Buellia parasema</i>	Mycophycophyta	RE
lichen	<i>Caloplaca aurantiaca</i>	Mycophycophyta	RE
lichen	<i>Caloplaca cerina</i>	Mycophycophyta	RE
lichen	<i>Candelaria concolor</i>	Mycophycophyta	RE
lichen	<i>Candelaria fibrosa</i>	Mycophycophyta	RE
lichen	<i>Cladonia arbuscula</i>	Mycophycophyta	RE
lichen	<i>Cladonia bacillaris</i>	Mycophycophyta	RE
lichen	<i>Cladonia caespiticia</i>	Mycophycophyta	RE
lichen	<i>Cladonia capitata</i>	Mycophycophyta	RE
lichen	<i>Cladonia coniocraea</i>	Mycophycophyta	RE
lichen	<i>Cladonia conista</i>	Mycophycophyta	RE
lichen	<i>Cladonia cryptochlorophaea</i>	Mycophycophyta	RE
lichen	<i>Cladonia fimbriata</i>	Mycophycophyta	RE
lichen	<i>Cladonia furcata</i>	Mycophycophyta	RE
lichen	<i>Cladonia grayi</i>	Mycophycophyta	RE

FUNGI AND LICHENS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
lichen	<i>Cladonia nemoxyna</i>	Mycophycophyta	RE
lichen	<i>Cladonia parasitica</i>	Mycophycophyta	RE
lichen	<i>Cladonia squamosa</i>	Mycophycophyta	RE
lichen	<i>Cladonia subcariosa</i>	Mycophycophyta	RE
lichen	<i>Collema subfurvum</i>	Mycophycophyta	RE
lichen	<i>Coniocybe furfuracea</i>	Mycophycophyta	RE
lichen	<i>Conotrema urceolatum</i>	Mycophycophyta	RE
lichen	<i>Lecanora dispersa</i>	Mycophycophyta	RE
lichen	<i>Lecanora pallida</i>	Mycophycophyta	RE
lichen	<i>Lecanora subfusca</i>	Mycophycophyta	RE
lichen	<i>Lecanora varia</i>	Mycophycophyta	RE
lichen	<i>Lepraria</i> sp.	Mycophycophyta	RE
lichen	<i>Leptogium lichenoides</i>	Mycophycophyta	RE
lichen	<i>Leptogium tenuissimum</i>	Mycophycophyta	RE
lichen	<i>Leptogium tremelloides</i>	Mycophycophyta	RE
lichen	<i>Microthelia micula</i>	Mycophycophyta	RE
lichen	<i>Ochrolechia tartarea</i>	Mycophycophyta	RE
lichen	<i>Opegrapha lichenoides</i>	Mycophycophyta	RE
lichen	<i>Opegrapha pulicaris</i>	Mycophycophyta	RE
lichen	<i>Opegrapha viridis</i>	Mycophycophyta	RE
lichen	<i>Peltigera aphthosan</i>	Mycophycophyta	RE
lichen	<i>Peltigera canina spuria</i>	Mycophycophyta	RE
lichen	<i>Peltigera horizontalis</i>	Mycophycophyta	RE
lichen	<i>Peltigera spuria</i>	Mycophycophyta	RE
lichen	<i>Pertusaria leioplaca</i>	Mycophycophyta	RE
lichen	<i>Pertusaria multipuncta</i>	Mycophycophyta	RE
lichen	<i>Pertusaria pertusa</i>	Mycophycophyta	RE
lichen	<i>Pertusaria pustulata</i>	Mycophycophyta	RE
lichen	<i>Physcia adscendens</i>	Mycophycophyta	RE
lichen	<i>Physcia aquila detonsa</i>	Mycophycophyta	RE
lichen	<i>Physcia aipolia</i>	Mycophycophyta	RE
lichen	<i>Physcia ciliata</i>	Mycophycophyta	RE
lichen	<i>Physcia elaeina</i>	Mycophycophyta	RE
lichen	<i>Physcia grisea</i>	Mycophycophyta	RE
lichen	<i>Physcia hypoleuca</i>	Mycophycophyta	RE
lichen	<i>Physcia millegrana</i>	Mycophycophyta	RE
lichen	<i>Physcia orbicularis</i>	Mycophycophyta	RE
lichen	<i>Physcia stellaris</i>	Mycophycophyta	RE
lichen	<i>Physcia syncolla</i>	Mycophycophyta	RE
lichen	<i>Physcia tribacia</i>	Mycophycophyta	RE
lichen	<i>Physcia tribacoides</i>	Mycophycophyta	RE
lichen	<i>Placynthium nigrum</i>	Mycophycophyta	RE
lichen	<i>Pyrenula leucoplaca</i>	Mycophycophyta	RE
lichen	<i>Ramalina farinacea</i>	Mycophycophyta	RE
lichen	<i>Ramalina sinensis</i>	Mycophycophyta	RE
lichen	<i>Rinodina tephropsis</i>	Mycophycophyta	RE
lichen	<i>Sarcogyne simplex</i>	Mycophycophyta	RE
lichen	<i>Sticta pulmonaria</i>	Mycophycophyta	RE
lichen	<i>Teloschistes chrysophthalmus</i>	Mycophycophyta	RE
lichen	<i>Trypethelium virens</i>	Mycophycophyta	RE
lichen	<i>Usnea strigosa</i>	Mycophycophyta	RE
lichen	<i>Xanthoria candelaria</i>	Mycophycophyta	RE
lichen	<i>Xanthoria fallax</i>	Mycophycophyta	RE
lichen	<i>Xanthoria polycarpa</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia aspera</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia aurulenta</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia borrieri</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia caperata</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia crozalsiana</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia flaventior</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia livida</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia margaritata</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia perlata</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia rufecta</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia saxatilis</i>	Mycophycophyta	RE
lichen, boulder	<i>Parmelia sulcata</i>	Mycophycophyta	RE

FUNGI AND LICHENS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
lichen, boulder	<i>Parmelia ulophyllodes</i>	Mycophycophyta	RE
lichen, British soldiers or red crest	<i>Cladonia cristatella</i>	Mycophycophyta	RE
lichen, dog	<i>Peltigera canina</i>	Mycophycophyta	RE
lichen, ladder	<i>Cladonia verticillata</i>	Mycophycophyta	RE
lichen, pitted	<i>Verrucaria muralis</i>	Mycophycophyta	RE
lichen, pixie cup	<i>Cladonia pyxidata</i>	Mycophycophyta	RE
lichen, reindeer	<i>Cladonia rangiferina</i>	Mycophycophyta	RE
lichen, script	<i>Graphis scripta</i>	Mycophycophyta	RE
lichen, shield	<i>Cetraria ciliaris</i>	Mycophycophyta	RE
lichen, shield	<i>Cetraria ericetorum</i>	Mycophycophyta	RE
lichen, spoon	<i>Cladonia gracilis</i>	Mycophycophyta	RE
lichen, whitewash	<i>Lecidea albocaerulescens</i>	Mycophycophyta	RE
lichen, whitewash	<i>Lecidea myriocarpoides</i>	Mycophycophyta	RE
lichen, whitewash	<i>Lecidea parasema</i>	Mycophycophyta	RE
lichen, whitewash	<i>Lecidea viridescens</i>	Mycophycophyta	RE
marasmius	<i>Marasmius albiceps</i>	Basidiomycota	RE
marasmius	<i>Marasmius candidus</i>	Basidiomycota	RE
marasmius	<i>Marasmius nigripes</i>	Basidiomycota	RE
marasmius	<i>Marasmius trullisatipes</i>	Basidiomycota	RE
milk cap	<i>Lactarius rimosellus</i>	Basidiomycota	RE
milk cap, dull	<i>Lactarius subdulcis</i>	Basidiomycota	RE
milk cap, yellow -straining	<i>Lactarius theiogalus</i>	Basidiomycota	RE
mold	<i>Aspergillus herbariorum</i>	Ascomycota	RE
mold	<i>Aspergillus niger</i>	Ascomycota	RE
mold	<i>Empusa grylli</i>	Phycomycota	RE
mold	<i>Mucor stolonifer</i>	Phycomycota	RE
mold	<i>Penicillium crustaceum</i>	Ascomycota	RE
mold, apple sooty blotch	<i>Peltaster fructicola</i>	Deuteromycota	CK
mold, blue	<i>Penicillium sp.</i>	Ascomycota	CK
mold, bread	<i>Rhizopus sp.</i>	Phycomycota	CK
mold, raspberry	<i>Botrytis cinerea</i>	Deuteromycota	CK
molds, pear sooty	dothidean spp.	Ascomycota	CK
morel, common	<i>Morchella esculenta</i>	Ascomycota	CK
moss, reindeer	<i>Cladonia sp.</i>	Mycophycophyta	CK
mushroom, bonnet	<i>Mycena capillaris</i>	Basidiomycota	RE
mushroom, coral	<i>Clavaria sp.</i>	Basidiomycota	CK
mushroom, fairy-ring	<i>Marasmius oreades</i>	Basidiomycota	CK
mushroom, field type	<i>Clitopilus abortivus</i>	Basidiomycota	CK
mushroom, field type	<i>Panus strypticus</i>	Basidiomycota	CK
mushroom, honey	<i>Armillaria mellea</i>	Basidiomycota	CK
mushroom, meadow	<i>Agaricus campestris</i>	Basidiomycota	CK
mushroom, parasol	<i>Macrolepiota procera</i>	Basidiomycota	CK
mushroom, scalecap	<i>Pholiota unicolor</i>	Basidiomycota	CK
mushroom, wavy Catherinea	<i>Atrichum undulatum</i>	Basidiomycota	CK
old-man-of-the-woods	<i>Strobilomyces strobilaceus</i>	Basidiomycota	RE
panus, rudy	<i>Panus rudis</i>	Basidiomycota	RE
patella	<i>Lachnea scutellata</i>	Ascomycota	RE
paxina	<i>Macropodia semitosta</i>	Ascomycota	RE
pepper box	<i>Myriostoma coliformis</i>	Basidiomycota	RE
pin-wheel, orange	<i>Marasmius siccus</i>	Basidiomycota	RE
pleurotus, lavender-spored	<i>Pleurotus sapidus</i>	Basidiomycota	CK,RE
plum pockets	<i>Taphrina communis</i>	Ascomycota	CK
pluteus, fawn-colored	<i>Pluteus cervinus</i>	Basidiomycota	RE
polypore	<i>Phaeolus schweinitzii</i>	Basidiomycota	RE
polypore	<i>Phellinus gilvus</i>	Basidiomycota	CK,RE
polypore	<i>Polyporus arcularius</i>	Basidiomycota	CK,RE
polypore	<i>Polyporus carneus</i>	Basidiomycota	RE
polypore	<i>Polystictus hirsutus-albiporus</i>	Basidiomycota	RE
polypore, cinnabar	<i>Pyrenopeziza cinnabarinus</i>	Basidiomycota	RE
polypore, gill	<i>Lenzites sepiaria</i>	Basidiomycota	RE
polypore, sulfur	<i>Laetiporus sulphureus</i>	Basidiomycota	RE
powdery mildew	<i>Erysiphe cichoracearum</i>	Ascomycota	RE
powdery mildew	<i>Erysiphe communis</i>	Ascomycota	RE
powdery mildew	<i>Erysiphe montagnei</i>	Ascomycota	RE
powdery mildew	<i>Microsphaera diffusa</i>	Ascomycota	RE
powdery mildew	<i>Microsphaera ravenellii</i>	Ascomycota	RE

FUNGI AND LICHENS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
powdery mildew	<i>Microsphaera viburni</i>	Ascomycota	CK
powdery mildew	<i>Podosphaera oxyacanthæ</i>	Ascomycota	RE
powdery mildew, apple	<i>Podosphaera leucotricha</i>	Ascomycota	CK
powdery mildew, black locust	<i>Erysiphe polygoni</i>	Ascomycota	RE
powdery mildew, grape	<i>Uncinula necator</i>	Ascomycota	CK
powdery mildew, lilac	<i>Microsphaera alni</i>	Ascomycota	CK,RE
powdery mildew, tree	<i>Phyllactinia corylea</i>	Ascomycota	RE
psilocybe	<i>Psilocybe ammophila</i>	Basidiomycota	RE
puffball, buried-stalk	<i>Tulostoma fimbriatum</i>	Basidiomycota	RE
puffball, common	<i>Bovista pila</i>	Basidiomycota	CK
puffball, gem	<i>Lycoperdon perlatum</i>	Basidiomycota	CK
puffball, giant	<i>Calvatia gigantea</i>	Basidiomycota	CK
puffball, mini	<i>Lycoperdon pusillum</i>	Basidiomycota	CK,RE
puffball, pear-shaped or stump	<i>Lycoperdon pyriforme</i>	Basidiomycota	CK,RE
rot	<i>Plowrightia morbosa</i>	Ascomycota	RE
rot, apple bitter	<i>Glomerella cingulata</i>	Ascomycota	CK
rot, corn ear	<i>Diplodia maydis</i>	Deuteromycota	CK
rot, crown	<i>Phytophthora cactorum</i>	Phycomycota	CK
rot, rind	<i>Sclerotinia fructigena</i>	Ascomycota	ES
rot, white apple	<i>Botryosphaeria dothidea</i>	Ascomycota	CK
rust	<i>Aecidium cimicifugatum</i>	Basidiomycota	RE
rust	<i>Aecidium compositatum</i>	Basidiomycota	RE
rust	<i>Aecidium fraxini</i>	Basidiomycota	RE
rust	<i>Aecidium grossulariæ</i>	Basidiomycota	RE
rust	<i>Aecidium impatiensis</i>	Basidiomycota	RE
rust	<i>Aecidium nesææ</i>	Basidiomycota	RE
rust	<i>Aecidium oenotheræ</i>	Basidiomycota	RE
rust	<i>Aecidium pammelii</i>	Basidiomycota	RE
rust	<i>Aecidium pustulatum</i>	Basidiomycota	RE
rust	<i>Coleosporium sonchi-arvensis</i>	Basidiomycota	RE
rust	<i>Gymnoconia peckiana</i>	Basidiomycota	RE
rust	<i>Gymnosporangium globosum</i>	Basidiomycota	RE
rust	<i>Gymnosporangium nidus-avis</i>	Basidiomycota	RE
rust	<i>Phragmidium obtusum</i>	Basidiomycota	RE
rust	<i>Puccinia fraxinata</i>	Basidiomycota	RE
rust	<i>Puccinia glechomatis</i>	Basidiomycota	RE
rust	<i>Puccinia helianthi</i>	Basidiomycota	RE
rust	<i>Puccinia malvacearum</i>	Basidiomycota	RE
rust	<i>Puccinia menthæ</i>	Basidiomycota	RE
rust	<i>Puccinia osmorhizæ</i>	Basidiomycota	RE
rust	<i>Puccinia podophylli</i>	Basidiomycota	RE
rust	<i>Puccinia polygoni-amphibii</i>	Basidiomycota	RE
rust	<i>Puccinia seymeriæ</i>	Basidiomycota	RE
rust	<i>Puccinia simplex</i>	Basidiomycota	RE
rust	<i>Puccinia taraxaci</i>	Basidiomycota	RE
rust	<i>Puccinia xanthii</i>	Basidiomycota	RE
rust	<i>Pucciniastrum agrimonizæ</i>	Basidiomycota	RE
rust	<i>Uromyces euphorbiæ</i>	Basidiomycota	RE
rust	<i>Uromyces phaseoli</i>	Basidiomycota	RE
rust	<i>Uromyces striatus</i>	Basidiomycota	RE
rust	<i>Uromyces toxicodendri</i>	Basidiomycota	RE
rust	<i>Uromyces trifolii</i>	Basidiomycota	RE
rust, blackberry	<i>Kunkelia nitens</i>	Basidiomycota	CK
rust, buckthorn crown	<i>Puccinia coronata</i>	Basidiomycota	RE
rust, cedar-apple	<i>Gymnosporangium juniperi-virginianæ</i>	Basidiomycota	CK
rust, current	<i>Puccinia caricis</i>	Basidiomycota	RE
rust, grape	<i>Puccinia graminis</i>	Basidiomycota	RE
rust, Jack in the pulp	<i>Negrado caladii</i>	Basidiomycota	CK
rust, May-apple	<i>Allodus podophylli</i>	Basidiomycota	CK
rust, melampsora	<i>Melampsora salicis-capreæ</i>	Basidiomycota	RE
rust, orange	<i>Gymnoconia sp.</i>	Basidiomycota	CK
scab, apple	<i>Venturia crataegi</i>	Ascomycota	CK
scab, peach	<i>Cladosporium carpophilum</i>	Deuteromycota	CK
scab, pear	<i>Venturia pyrina</i>	Ascomycota	CK
sereum	<i>Stereum candidum</i>	Basidiomycota	RE
sereum	<i>Stereum disciforme</i>	Basidiomycota	RE

FUNGI AND LICHENS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
sereum	<i>Stereum fasciatum</i>	Basidiomycota	RE
sereum	<i>Stereum versicolor</i>	Basidiomycota	RE
slime mold	<i>Acryodes incarnata</i>	Myxomycota	RE
slime mold	<i>Arcyria cinerea</i>	Myxomycota	RE
slime mold	<i>Arcyria incarnata</i>	Myxomycota	RE
slime mold	<i>Arcyria nutans</i>	Myxomycota	RE
slime mold	<i>Badhamia affinis</i>	Myxomycota	RE
slime mold	<i>Calonema aureum</i>	Myxomycota	RE
slime mold	<i>Comatichia laxa</i>	Myxomycota	RE
slime mold	<i>Comatichia pulchella</i>	Myxomycota	RE
slime mold	<i>Comatricha stemonitis</i>	Myxomycota	RE
slime mold	<i>Craterium minimum</i>	Myxomycota	RE
slime mold	<i>Cribraria intricata</i>	Myxomycota	RE
slime mold	<i>Diderma crustaceum</i>	Myxomycota	RE
slime mold	<i>Diderma hemisphericum</i>	Myxomycota	RE
slime mold	<i>Diderma reticulatum</i>	Myxomycota	RE
slime mold	<i>Didymium crustaceum</i>	Myxomycota	RE
slime mold	<i>Didymium iridis</i>	Myxomycota	RE
slime mold	<i>Didymium melanospermum</i>	Myxomycota	RE
slime mold	<i>Didymium squamulosum</i>	Myxomycota	RE
slime mold	<i>Fuligo cinerea</i>	Myxomycota	RE
slime mold	<i>Fuligo violacea</i>	Myxomycota	RE
slime mold	<i>Hemitrichia intorta</i>	Myxomycota	RE
slime mold	<i>Hemitrichia stipitata</i>	Myxomycota	RE
slime mold	<i>Hemitrichia vesparium</i>	Myxomycota	RE
slime mold	<i>Lachnobolus globosus</i>	Myxomycota	RE
slime mold	<i>Lamproderma arcyrionema</i>	Myxomycota	RE
slime mold	<i>Lindbladia tubulina</i>	Myxomycota	RE
slime mold	<i>Lycogala flavo-fuscum</i>	Myxomycota	RE
slime mold	<i>Mucilago spongiosa</i>	Myxomycota	RE
slime mold	<i>Ophiotheca wrightii</i>	Myxomycota	RE
slime mold	<i>Perichæna quadrata</i>	Myxomycota	RE
slime mold	<i>Physarella oblonga</i>	Myxomycota	RE
slime mold	<i>Physarum nutans</i>	Myxomycota	RE
slime mold	<i>Physarum vernum</i>	Myxomycota	RE
slime mold	<i>Physarum viride</i>	Myxomycota	RE
slime mold	<i>Physarum viride var. incanum</i>	Myxomycota	RE
slime mold	<i>Reticularia splendens</i>	Myxomycota	RE
slime mold	<i>Stemonitis fenestrata</i>	Myxomycota	RE
slime mold	<i>Stemonitis fusc</i>	Myxomycota	RE
slime mold	<i>Stemonitis herbatica</i>	Myxomycota	RE
slime mold	<i>Stemonitis maxima</i>	Myxomycota	RE
slime mold	<i>Stemonitis smithii</i>	Myxomycota	RE
slime mold	<i>Tilmadoche alba</i>	Myxomycota	RE
slime mold	<i>Trichia inconspicua</i>	Myxomycota	RE
slime mold	<i>Tubifera microsperma</i>	Myxomycota	RE
slime, carnival candy	<i>Arcyria denudata</i>	Myxomycota	RE
slime, Japanese-lantern	<i>Dictydium cancellatum</i>	Myxomycota	RE
slime, red raspberry	<i>Tubifera ferruginosa</i>	Myxomycota	RE
slime, white-footed	<i>Diachea leucopodia</i>	Myxomycota	RE
slime, wolf's-milk	<i>Lycogala epidendrum</i>	Myxomycota	RE
slime, yellow-fuzz cone	<i>Hemitrichia clavata</i>	Myxomycota	RE
smut	<i>Entyloma menispermi</i>	Basidiomycota	RE
smut	<i>Ustilago avenæ</i>	Basidiomycota	RE
smut	<i>Ustilago hordei</i>	Basidiomycota	RE
smut	<i>Ustilago zeæ</i>	Basidiomycota	CK,RE
smut, corn	<i>Ustilago maydis</i>	Basidiomycota	CK
spot, maple tar	<i>Rhytisma sp.</i>	Ascomycota	CK
stinkhorn, dog	<i>Mutinus caninus</i>	Basidiomycota	CK
stumpfoot, spotted	<i>Crepidotus malachius</i>	Basidiomycota	CK
tuning fork, clublike	<i>Calocera cornea</i>	Basidiomycota	RE
tylostoma, field	<i>Tulostoma campestre</i>	Basidiomycota	RE
water mold	<i>Achlya americana</i>	Phycomycota	LE,RE
water mold	<i>Achlya bisexualis</i>	Phycomycota	LE,RE
water mold	<i>Achlya debaryana</i>	Phycomycota	LE,RE
water mold	<i>Achlya dubia</i>	Phycomycota	LE,RE

FUNGI AND LICHENS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
water mold	<i>Achlya flagellata</i>	Phycomycota	LE,RE
water mold	<i>Achlya klebsiana</i>	Phycomycota	LE,RE
water mold	<i>Achlya polyandra</i>	Phycomycota	LE,RE
water mold	<i>Achlya prolifera</i>	Phycomycota	LE,RE
water mold	<i>Achlya proliferoides</i>	Phycomycota	LE,RE
water mold	<i>Achlya rodrigueziana</i>	Phycomycota	LE,RE
water mold	<i>Achlya</i> sp.	Phycomycota	LE,RE
water mold	<i>Allomyces arbuscula</i>	Phycomycota	LE,RE
water mold	<i>Aphanomyces euteiches</i>	Phycomycota	LE,RE
water mold	<i>Aphanomyces laevis</i>	Phycomycota	LE,RE
water mold	<i>Aphanomyces scaber</i>	Phycomycota	LE,RE
water mold	<i>Aphanomyces</i> sp.	Phycomycota	LE,RE
water mold	<i>Apodachlya brachynema</i>	Phycomycota	LE,RE
water mold	<i>Blastocladia globosa</i>	Phycomycota	LE,RE
water mold	<i>Blastocladia pringsheimii</i>	Phycomycota	LE,RE
water mold	<i>Blastocladia ramosa</i>	Phycomycota	LE,RE
water mold	<i>Blastocladia simplex</i>	Phycomycota	LE,RE
water mold	<i>Blastocladia tenuis</i>	Phycomycota	LE,RE
water mold	<i>Dictyuchus anomalus</i>	Phycomycota	LE,RE
water mold	<i>Dictyuchus missouriensis</i>	Phycomycota	LE,RE
water mold	<i>Dictyuchus monosporus</i>	Phycomycota	LE,RE
water mold	<i>Dictyuchus pseudodictyon</i>	Phycomycota	LE,RE
water mold	<i>Dictyuchus</i> sp.	Phycomycota	LE,RE
water mold	<i>Entophlyctis aurea</i>	Phycomycota	LE,RE
water mold	<i>Geolegnia inflata</i>	Phycomycota	LE,RE
water mold	<i>Gonapodya prolifera</i>	Phycomycota	LE,RE
water mold	<i>Isoachlya</i> sp.?	Phycomycota	LE,RE
water mold	<i>Leptolegnia subterranea</i>	Phycomycota	LE,RE
water mold	<i>Monoblepharis</i> sp.	Phycomycota	LE,RE
water mold	<i>Olpidiopsis saprolegniae</i>	Phycomycota	LE,RE
water mold	<i>Olpidiopsis varians</i>	Phycomycota	LE,RE
water mold	<i>Protoachlya paradoxa</i>	Phycomycota	LE,RE
water mold	<i>Rozella allomycis</i>	Phycomycota	LE,RE
water mold	<i>Saprolegnia diclina</i>	Phycomycota	LE,RE
water mold	<i>Saprolegnia ferax</i>	Phycomycota	LE,RE
water mold	<i>Saprolegnia monoica</i>	Phycomycota	LE,RE
water mold	<i>Saprolegnia parasitica</i>	Phycomycota	LE,RE
water mold	<i>Saprolegnia</i> sp.	Phycomycota	LE,RE
water mold	<i>Synchytrium decipiens</i>	Phycomycota	LE,RE
wood-wart	<i>Hypoxylon</i> sp.	Ascomycota	RE

MOSSES, HORSETAILS, AND FERNS
(Kingdom Plantae)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
beech-fern, broad	<i>Phegopteris hexagonoptera</i>	Filicophyta	CK
brachythecium, rivulet	<i>Brachythecium rivulare</i>	Bryophyta	RE
clubmoss, tree	<i>Lycopodium obscurum</i>	Lycopodiophyta	CK
clubmoss, tree-like	<i>Lycopodium dendroideum</i>	Lycopodiophyta	CK
fern	<i>Osmunda claytoniana</i>	Filicophyta	CK,ES
fern, bulblet	<i>Cystopteris bulbifera</i>	Filicophyta	CK
fern, Christmas	<i>Polystichum acrostichoides</i>	Filicophyta	CK,ES
fern, cinnamon	<i>Osmunda cinnamomea</i>	Filicophyta	ES
fern, fragile	<i>Cystopteris tenuis</i>	Filicophyta	CK
fern, northern maidenhair	<i>Adiantum pedatum</i>	Filicophyta	CK,ES
fern, rattlesnake	<i>Botrychium virginianum</i>	Filicophyta	CK,ES
fern, sensitive	<i>Onoclea sensibilis</i>	Filicophyta	CK,ES
fern, subarctic lady	<i>Athyrium filix-femina</i>	Filicophyta	CK,ES
grapefern, cut-leaf	<i>Botrychium dissectum</i>	Filicophyta	CK
grapefern, leathery	<i>Botrychium rugulosum</i>	Filicophyta	CK
horsetail, field or common	<i>Equisetum arvense</i>	Equisetophyta	CK,ES
horsetail, rough or scouring rush	<i>Equisetum hyemale</i>	Equisetophyta	CK
liverwort	<i>Lophocolea heterophylla</i>	Bryophyta	CK
liverwort, common	<i>Conocephalum conicum</i>	Bryophyta	CK
moss	<i>Amblystegium serpens</i>	Bryophyta	RE
moss	<i>Amblystegium serpens</i> var. <i>juratzkanum</i>	Bryophyta	RE
moss	<i>Amblystegium varium</i>	Bryophyta	CK,RE

MOSESSES, HORSETAILS, AND FERNS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
moss	<i>Anacamptodon splachnoides</i>	Bryophyta	RE
moss	<i>Anomodon attenuatus</i>	Bryophyta	RE
moss	<i>Anomodon minor</i>	Bryophyta	RE
moss	<i>Anomodon rostratus</i>	Bryophyta	RE
moss	<i>Anomodon rugelii</i>	Bryophyta	RE
moss	<i>Aulacomnium heterostichum</i>	Bryophyta	RE
moss	<i>Aulacomnium palustre</i>	Bryophyta	RE
moss	<i>Barbula convoluta</i>	Bryophyta	RE
moss	<i>Barbula unguiculata</i>	Bryophyta	RE
moss	<i>Brachythecium acuminatum</i>	Bryophyta	RE
moss	<i>Brachythecium campestre</i>	Bryophyta	RE
moss	<i>Brachythecium oxycladon</i>	Bryophyta	RE
moss	<i>Brachythecium rutabulum</i>	Bryophyta	RE
moss	<i>Brachythecium salebrosum</i>	Bryophyta	RE
moss	<i>Bruchia flexuosa</i>	Bryophyta	RE
moss	<i>Bryhnia graminicolor</i>	Bryophyta	RE
moss	<i>Bryhnia novae-angliae</i>	Bryophyta	RE
moss	<i>Bryoandersonia illecebra</i>	Bryophyta	RE
moss	<i>Bryoerythrophyllum recurvirostre</i>	Bryophyta	RE
moss	<i>Callicladium haldanianum</i>	Bryophyta	RE
moss	<i>Calliergon stramineum</i>	Bryophyta	RE
moss	<i>Calliergon trifarium</i>	Bryophyta	RE
moss	<i>Calliergonella cuspidata</i>	Bryophyta	RE
moss	<i>Campylium chrysophyllum</i>	Bryophyta	RE
moss	<i>Campylium hispidulum</i>	Bryophyta	RE
moss	<i>Campylium polygamum</i>	Bryophyta	RE
moss	<i>Campylium stellatum</i>	Bryophyta	RE
moss	<i>Cyrto-hypnum minutulum</i>	Bryophyta	RE
moss	<i>Desmatodon obtusifolius</i>	Bryophyta	RE
moss	<i>Desmatodon porteri</i>	Bryophyta	RE
moss	<i>Didymodon fallax</i>	Bryophyta	RE
moss	<i>Didymodon rigidulus</i>	Bryophyta	RE
moss	<i>Discelium nudum</i>	Bryophyta	RE
moss	<i>Ditrichum lineare</i>	Bryophyta	RE
moss	<i>Drepanocladus aduncus</i> var. <i>aduncus</i>	Bryophyta	RE
moss	<i>Drepanocladus aduncus</i> var. <i>kneiffii</i>	Bryophyta	RE
moss	<i>Drummondia prorepens</i>	Bryophyta	RE
moss	<i>Entodon cladorrhizans</i>	Bryophyta	RE
moss	<i>Entodon seductrix</i>	Bryophyta	RE
moss	<i>Eurhynchium hians</i>	Bryophyta	RE
moss	<i>Eurhynchium pulchellum</i>	Bryophyta	RE
moss	<i>Eurhynchium serrulatum</i>	Bryophyta	CK
moss	<i>Fissidens adianthoides</i>	Bryophyta	RE
moss	<i>Fissidens bryoides</i>	Bryophyta	RE
moss	<i>Fissidens obtusifolius</i>	Bryophyta	RE
moss	<i>Fissidens taxifolius</i>	Bryophyta	CK,RE
moss	<i>Grimmia pulvinata</i>	Bryophyta	RE
moss	<i>Gymnostomum aeruginosum</i>	Bryophyta	RE
moss	<i>Helodium blandowii</i>	Bryophyta	RE
moss	<i>Helodium paludosum</i>	Bryophyta	RE
moss	<i>Herzogiella turfacea</i>	Bryophyta	RE
moss	<i>Homomallium adnatum</i>	Bryophyta	RE
moss	<i>Hygroamblystegium fluviatile</i>	Bryophyta	RE
moss	<i>Hygroamblystegium tenax</i>	Bryophyta	RE
moss	<i>Hygrohypnum luridum</i>	Bryophyta	RE
moss	<i>Hymenostylium recurvirostre</i>	Bryophyta	RE
moss	<i>Hyophila involuta</i>	Bryophyta	RE
moss	<i>Hypnum cupressiforme</i>	Bryophyta	RE
moss	<i>Hypnum imponens</i>	Bryophyta	RE
moss	<i>Hypnum lindbergii</i>	Bryophyta	RE
moss	<i>Isopterygiopsis muelleriana</i>	Bryophyta	RE
moss	<i>Leptobryum pyriforme</i>	Bryophyta	RE
moss	<i>Leptodictyum humile</i>	Bryophyta	RE
moss	<i>Leptodictyum riparium</i>	Bryophyta	RE
moss	<i>Leskea gracilescens</i>	Bryophyta	RE
moss	<i>Leskea obscura</i>	Bryophyta	RE

MOSSES, HORSETAILS, AND FERNS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
moss	<i>Leucodon julaceus</i>	Bryophyta	RE
moss	<i>Limprichtia revolvens</i>	Bryophyta	RE
moss	<i>Orthotrichum anomalum</i>	Bryophyta	RE
moss	<i>Orthotrichum pumilum</i>	Bryophyta	RE
moss	<i>Orthotrichum pusillum</i>	Bryophyta	RE
moss	<i>Orthotrichum strangulatum</i>	Bryophyta	RE
moss	<i>Phascum cuspidatum</i>	Bryophyta	RE
moss	<i>Philonotis fontana</i>	Bryophyta	RE
moss	<i>Plagiomnium ciliare</i>	Bryophyta	RE
moss	<i>Plagiomnium cuspidatum</i>	Bryophyta	RE
moss	<i>Plagiomnium medium</i>	Bryophyta	RE
moss	<i>Plagiothecium</i> sp.	Bryophyta	CK
moss	<i>Platydictya confervoides</i>	Bryophyta	RE
moss	<i>Platygyrium repens</i>	Bryophyta	RE
moss	<i>Pleuroidium subulatum</i>	Bryophyta	RE
moss	<i>Pleurozium schreberi</i>	Bryophyta	RE
moss	<i>Pohlia nutans</i>	Bryophyta	RE
moss	<i>Pylaisiella intricata</i>	Bryophyta	RE
moss	<i>Pylaisiella selwynii</i>	Bryophyta	RE
moss	<i>Rauiella scita</i>	Bryophyta	RE
moss	<i>Rhizomnium punctatum</i>	Bryophyta	RE
moss	<i>Rhytidium rugosum</i>	Bryophyta	RE
moss	<i>Schistidium apocarpum</i>	Bryophyta	RE
moss	<i>Schistidium rivulare</i>	Bryophyta	RE
moss	<i>Seligeria calcarea</i>	Bryophyta	RE
moss	<i>Seligeria campylopoda</i>	Bryophyta	RE
moss	<i>Seligeria pusilla</i>	Bryophyta	RE
moss	<i>Sematophyllum demissum</i>	Bryophyta	RE
moss	<i>Steelecleus serrulatus</i>	Bryophyta	RE
moss	<i>Taxiphyllum taxirameum</i>	Bryophyta	RE
moss	<i>Thelia asprella</i>	Bryophyta	RE
moss	<i>Thelia hirtella</i>	Bryophyta	RE
moss	<i>Ulota crispa</i>	Bryophyta	RE
moss	<i>Weissia controversa</i>	Bryophyta	RE
moss, apple	<i>Bartramia pomiformis</i>	Bryophyta	RE
moss, bog	<i>Sphagnum</i> sp.	Bryophyta	CK
moss, broom	<i>Dicranum flagellare</i>	Bryophyta	RE
moss, broom	<i>Dicranum scoparium</i>	Bryophyta	RE
moss, broom	<i>Dicranum viride</i>	Bryophyta	RE
moss, common fern	<i>Thuidium delicatulum</i>	Bryophyta	CK,RE
moss, common hair-cap	<i>Polytrichum commune</i>	Bryophyta	CK,RE
moss, cord	<i>Funaria hygrometrica</i>	Bryophyta	CK,RE
moss, false hair-cap	<i>Pogonatum pensilvanicum</i>	Bryophyta	RE
moss, feather	<i>Hypnum curvifolium</i>	Bryophyta	CK,RE
moss, fern	<i>Thuidium recognitum</i>	Bryophyta	RE
moss, fork	<i>Dicranella cerviculata</i>	Bryophyta	RE
moss, fork	<i>Dicranella varia</i>	Bryophyta	RE
moss, fout-tooth	<i>Tetraphis pellucida</i>	Bryophyta	RE
moss, hair-cap	<i>Polytrichum ohioense</i>	Bryophyta	CK,RE
moss, hair-cap	<i>Polytrichum piliferum</i>	Bryophyta	RE
moss, purple horn-tooth	<i>Ceratodon purpureus</i>	Bryophyta	RE
moss, rose	<i>Rhodobryum roseum</i>	Bryophyta	RE
moss, silky fork	<i>Dicranella heteromalla</i>	Bryophyta	RE
moss, silvery	<i>Bryum argenteum</i>	Bryophyta	RE
moss, silvery	<i>Bryum caespiticium</i>	Bryophyta	RE
moss, silvery	<i>Bryum capillare</i>	Bryophyta	RE
moss, silvery	<i>Bryum lisae</i> var. <i>cuspidatum</i>	Bryophyta	RE
moss, silvery	<i>Bryum pseudotriquetrum</i>	Bryophyta	RE
moss, slender	<i>Plagiothecium cavifolium</i>	Bryophyta	RE
moss, slender	<i>Plagiothecium denticulatum</i>	Bryophyta	RE
moss, spineleaf	<i>Atrichum altecristatum</i>	Bryophyta	RE
moss, spineleaf	<i>Atrichum undulatum</i>	Bryophyta	RE
moss, star	<i>Mnium stellare</i>	Bryophyta	RE
moss, tree	<i>Climacium americanum</i>	Bryophyta	CK,RE
moss, tree-flooded	<i>Climacium kindbergii</i>	Bryophyta	CK,RE
moss, twisted	<i>Tortella humilis</i>	Bryophyta	RE

MOSSES, HORSETAILS, AND FERNS (continued)

COMMON NAME	SCIENTIFIC NAME	DIVISION	LOCATION
moss, twisted	<i>Tortella tortuosa</i>	Bryophyta	RE
moss, twisted teeth	<i>Barbula indica</i> var. <i>indica</i>	Bryophyta	RE
moss, urn	<i>Physcomitrium pyriforme</i>	Bryophyta	RE
moss, wall	<i>Tortula ruralis</i>	Bryophyta	RE
moss, water	<i>Fontinalis hypnoides</i>	Bryophyta	RE
moss, water	<i>Fontinalis hypnoides</i> var. <i>duriaei</i>	Bryophyta	RE
moss, water common	<i>Fontinalis dalecarlica</i>	Bryophyta	RE
moss, white pin-cushion	<i>Leucobryum glaucum</i>	Bryophyta	RE
moss, white-tipped	<i>Hedwigia ciliata</i>	Bryophyta	RE
moss, woody mniium	<i>Mnium cuspidatum</i>	Bryophyta	CK
oak-fern	<i>Gymnocarpium dryopteris</i>	Filicophyta	CK
polypody, common	<i>Polypodium virginianum</i>	Filicophyta	CK
riccia, purple-fringed	<i>Ricciocarpus natans</i>	Bryophyta	ES
riccia, slender	<i>Riccia fluitans</i>	Bryophyta	ES
shield-fern, marginal or woodfern	<i>Dryopteris marginalis</i>	Filicophyta	CK
slender Catherinea	<i>Atrichum angustatum</i>	Bryophyta	RE
sphagnum	<i>Sphagnum compactum</i>	Bryophyta	RE
sphagnum	<i>Sphagnum lescurii</i>	Bryophyta	RE
sphagnum	<i>Sphagnum magellanicum</i>	Bryophyta	RE
sphagnum	<i>Sphagnum russowii</i>	Bryophyta	RE
sphagnum, boat-leaved	<i>Sphagnum palustre</i>	Bryophyta	RE
woodfern	<i>Dryopteris</i> sp.	Filicophyta	ES
woodfern, evergreen	<i>Dryopteris intermedia</i>	Filicophyta	CK
woodfern, spinulose	<i>Dryopteris carthusiana</i>	Filicophyta	CK ES

LOCATION CODES:

- CK – Old Woman Creek watershed upstream of the estuary
- ES – Old Woman Creek estuary (including watershed within boundaries of NERR)
- LE – Lake Erie, principally nearshore waters of Erie County and western Lorain County, Ohio
- RE – Regional occurrence, principally Lake Erie watersheds of eastern Erie County and western Lorain County, Ohio

Appendix E

Synonyms for Algal Flora and Lower Plants of Old Woman Creek Estuary, Watershed, and Adjacent Waters of Lake Erie

SYNONYMS FOR ALGAL FLORA AND LOWER PLANTS OF OLD WOMAN CREEK ESTUARY, WATERSHED, AND ADJACENT WATERS OF LAKE ERIE

SOURCE NOMENCLATURE

CURRENT NOMENCLATURE

DIVISION CYANOPHYTA (blue-green algae)

Microcystis incerta

Aphanocapsa incerta

DIVISION CHRYSOPHYTA

Class Chrysophyceae (golden-brown algae)

Chromulina nana

?*Ochromonas nana* or *Chromulina nannos*

Dinobryon tabellariae

Epipyxis tabellariae

Class Bacillariophyceae (diatoms)

Achnanthes pinnata

Achnanthes conspicua

Actinocyclus normanii var. *subsalsa*

Actinocyclus normanii

Amphiprora ornata

Entomoneis ornata

Amphora ovalis var. *pediculus*

Amphora pediculus

Amphora perpusilla

Amphora pediculus

Amphora submontana

Amphora montana

Anomoeoneis serians var. *brachysira*

Anomoeoneis brachysira

Attheya zachariasii

Acanthoceras zachariasii

Caloneis bacillaris var. *thermalis*

Caloneis thermalis

Caloneis lewisii

Caloneis schumanniana

Cyclotella comta

Cyclotella radiosa

Cyclotella kuetzingiana

Cyclotella meneghiniana

Cymbella minuta var. *silesiaca*

Cymbella silesiaca

Cymbella sinuata

Reimeria sinuata

Cymbella tumida var. *tumida*

Cymbella tumida

Cymbella ventricosa

Cymbella minuta

Diatoma tenue var. *elongatum*

Diatoma tenue

Diatoma vulgare

Diatoma vulgare

Epithemia emarginata

Epithemia turgida

Eunotia curvata

Eunotia bilunaris var. *bilunaris*

Eunotia curvata var. *subarcuata*

Eunotia bilunaris var. *mucophila*

Eunotia pectinalis var. *minor*

Eunotia pectinalis

Fragilaria construens var. *venter*

Fragilaria construens f. *venter*

Fragilaria vaucheriae

Fragilaria capucina var. *vaucheriae*

Gomphonema affine var. *insigne*

Gomphonema affine

Gomphonema angustatum var. *productum*

Gomphonema angustatum

Gomphonema bohemicum

Gomphonema angustum

Gomphonema intricatum

Gomphonema angustum

Gomphonema intricatum var. *bohemicum*

Gomphonema angustum

Gomphonema parvulum var. *exilissima*

Gomphonema parvulum

Gomphonema spaerophorum

Gomphonema augar var. *spaerophorum*

Gomphonema subclavatum

Gomphonema clavatum

Melosira ambigua

Aulacoseira ambigua

Melosira binderana

Stephanodiscus binderanus

Melosira distans var. *alpigena*

Aulacoseira alpigena

Melosira granulata

Aulacoseira granulata

Melosira granulata var. *angustissima*

Aulacoseira granulata var. *angustissima*

Melosira islandica

Aulacoseira islandica

Melosira islandica ssp. *helvetica*

Aulacoseira islandica

Melosira italica

Aulacoseira italica

Microspongia potamos

Skeletonema potamos

Navicula aquaeductae

Navicula pupula var. *aquaeductae*

Navicula contenta var. *biceps*

Navicula contenta

Navicula cryptocephala var. *exilis*

Navicula cryptocephala

Navicula cryptocephala var. *veneta*

Navicula veneta

Navicula cuspidata var. *ambigua*

Navicula cuspidata

Navicula cuspidata var. *cuspidata*

Navicula cuspidata

Navicula frugalis

Navicula bahusiensis

Navicula halophila f. *tenuirostris*

Navicula halophila

SOURCE NOMENCLATURE

Navicula halophila var. *tenuirostris*
Navicula heufleri var. *leptocephala*
Navicula hungarica var. *capitata*
Navicula intermedia
Navicula mobiliensis
Navicula mutica var. *tropica*
Navicula paucivisitata
Navicula radiosa var. *tenella*
Navicula rhynchocephala var. *germainii*
Navicula salinarum var. *intermedia*
Navicula schroeterii var. *escambia*
Navicula symmetrica
Navicula tantula
Navicula terminata
Navicula tripunctata var. *tripunctata*
Nitzschia accomodata
Nitzschia actinastroides
Nitzschia apiculata
Nitzschia communis var. *abbreviata*
Nitzschia dissipata var. *genuina*
Nitzschia epiphytica
Nitzschia fromana
Nitzschia frustulum var. *perminuta*
Nitzschia kuetzingiana
Nitzschia longissima
Nitzschia minuta
Nitzschia parvula var. *terricola*
Nitzschia philippinarum
Nitzschia subrostrata
Nitzschia tarda
Nitzschia tryblionella var. *levidensis*
Opephora martyi
Pinnularia brebissonii
Pinnularia brebissonii var. *diminuta*
Pinnularia termitina
Rhoicosphenia curvata
Stauroneis phoenicenteron var. *gracilis*
Stephanodiscus astraea
Stephanodiscus astraea var. *minutula*
Stephanodiscus hantzschii var. *tenuis*
Stephanodiscus invisitatus
Stephanodiscus tenuis
Surirella ovata
Surirella ovata var. *pinnata*
Surirella tenera var. *nervosa*
Synedra acus
Synedra fasciculata
Synedra fasciculata var. *truncata*
Synedra parasitica var. *subconstricta*
Synedra pulchella
Synedra pulchella var. *capitata*
Synedra radians
Synedra rumpens
Synedra rumpens var. *familiaris*
Synedra tenera
Synedra ulna
Synedra ulna var. 1
Synedra ulna var. *danica*
Synedra ulna var. *obtusa*
Synedra ulna var. *oxyrhynchus*
Thalassiosira fluviatilis

CURRENT NOMENCLATURE

Navicula halophila
Navicula erifuga
Navicula capitata var. *capitata*
Pinnularia intermedia
Navicula goeppertiana var. *monita*
Navicula goeppertiana var. *goeppertiana*
Navicula molestiformis
Navicula cryptotenella
Navicula viridula var. *germainii*
Navicula capitoradiata
Navicula schroeterii
Navicula schroeterii
Navicula minima
Navicula goeppertiana var. *goeppertiana*
Navicula tripunctata
Nitzschia palea
Nitzschia fruticosa
Nitzschia constricta
Nitzschia communis
Nitzschia dissipata
Nitzschia inconspicua
Nitzschia fonticola
Nitzschia acidoclinata
Nitzschia pusilla
Nitzschia reversa
Nitzschia palea var. *minuta*
Nitzschia parvula
Nitzschia intermedia
Nitzschia subacicularis
Nitzschia intermedia
Nitzschia levidensis
Fragilaria leptostauron var. *martyi*
Pinnularia microstauron var. *brebissonii*
Pinnularia microstauron var. *brebissonii* f. *diminut*
Navicula goeppertiana var. *goeppertiana*
Rhoicosphenia abbreviata
Stauroneis phoenicenteron
Stephanodiscus rotula
Stephanodiscus minutulus
Stephanodiscus hantzschii
Cyclostephanos invisitatus
Stephanodiscus hantzschii
Surirella minuta
Surirella minuta
Surirella tenera
Fragilaria ulna var. *acus*
Fragilaria fasciculata
Fragilaria fasciculata
Fragilaria parasitica var. *subconstricta*
Fragilaria pulchella
Fragilaria pulchella
Fragilaria capucina var. *radians*
Fragilaria capucina var. *rumpens*
Fragilaria capucina var. *gracilis*
Fragilaria tenera
Fragilaria ulna
Fragilaria ulna var. 1
Fragilaria ulna var. *danica*
Fragilaria ulna var. *obtusa*
Fragilaria ulna var. *oxyrhynchus*
Thalassiosira weissflogii

SOURCE NOMENCLATURE

CURRENT NOMENCLATURE

DIVISION PYRRHOPHYTA (fire algae)**Class Dinophyceae (dinoflagellates)**

Gymnodinium acidotum
Gymnodinium fungiforme
Peridinium quadridens

Gymnodinium aeruginosum
Katodinium fungiforme
Perdiniopsis quadridens

DIVISION CRYPTOPHYTA (cryptomonads)

Sennia parvula

Planonephros parvula

DIVISION CHLOROPHYTA (green algae)**Class Chlorophyceae**

Ankistrodesmus convolutus
Ankistrodesmus falcatus var. *mirabilis*
Carteria klebsii
Characium limnetica
Chlamydomonas excavata
Closterium aciculare
Crucigenia irregularis
Crucigenia rectangularis
Gloeocystis gigas
Gloeocystis planctonica
Gloeocystis sp.
Haematococcus lacustris
Kirchneriella subsolitaria
Lagerheimia genevensis var. *subglobosa*
Lagerheimia quadriseta
Pediastrum duplex var. *clathratum*
Pediastrum simplex var. *duodenarium*
Pediastrum simplex var. *simplex*
Protococcus viridis
Scenedesmus abundans
Scenedesmus abundans var. *longicauda*
Scenedesmus bijugatus var. *granulatus*
Scenedesmus oncus var. *brevispina*
Schroederia judayi
Sphaerocystis schroeteri
Staurastrum gracile var. *gracile*

Monoraphidium convolutum var. *convolutum*
Monoraphidium mirabile
Carteria wisconsinensis
Korshikoviella limnetica
Chlamydonephris excavata
Closterium aciculare var. *aciculare*
Willea irregularis
Crucigeniella rectangularis
Chlamydocapsa ampla
Chlamydocapsa planctonica
Chlamydocapsa sp.
Haematococcus pluvialis
Nephrochlamys subsolitaria
Lagerheimia genevensis
Lagerheimia genevensis
Pediastrum duplex var. *duplex*
Pediastrum simplex var. *biwaense*
Pediastrum simplex
Desmococcus olivaceus
Scenedesmus subspicatus
Scenedesmus subspicatus
Scenedesmus verrucosus
Scenedesmus brevispina
Ankyra judayi
Pseudosphaerocystis lacustris
Staurastrum gracile

DIVISION MYXOMYCOTA (slime molds)

Lachnobolus congestus
Tubifera stipitata

Acryodes incamata
Tubifera microsperma

DIVISION ASCOMYCOTA (ascomycetes)

Endothia parasitica
Gnomonia platani

Cryphonectria parasitica
Apiognomonia veneta

DIVISION BASIDIOMYCOTA (basidiomycetes)

Coriolus versicolor
Irpex cinnamomea
Polyporus adustus
Polyporus conchifer
Polyporus gilvus
Polyporus schweinitzii
Polyporus sulphureus
Polyporus tephroleucus
Polyporus versicolor
Polystictus cinnabarinus

Trametes versicolor
Hydrochaete olivacea
Bjerkandera adusta
Trametes conchifer
Phellinus gilvus
Phaeolus schweinitzii
Laetiporus sulphureus
Oligoporus tephroleucus
Trametes versicolor
Pyrenopeziza cinnabarinus

DIVISION DEUTEROMYCOTA (imperfect fungi)

Helminthosporium teres

Drechslera teres

SOURCE NOMENCLATURE

CURRENT NOMENCLATURE

DIVISION MYCOPHYCOPHYTA (lichens)

Alectoria chalybeiformis
Anaptychia aquila
Arthonia radiata swartziana
Biatorella simplex
Buellia disciformis
Cladonia delicata
Cladonia silvatica
Cladonia sylvatica
Lecanora subfusca allophana
Lecidea enteroleuca
Parmelia borrieri rudefcta
Parmelia olivacea
Parmelia quercina
Physcia adglutinata
Physcia obscura
Physcia speciosa
Physcia tribacia
Placodium aurantiacum
Placodium cernum
Pyrenula farrea
Ramalina calicaris fraxinea
Ramalina calicaris
Ramalina fraxinea
Rinodina sophodes
Teloschistes candelarius
Teloschistes concolor
Teloschistes polycarpus
Usnea barbata

Alectoria nidulifera
Anaptychia palmulata
Arthonia radiata
Sarcogyne simplex
Buellia parasema
Cladonia parasitica
Cladonia arbuscula
Cladonia arbuscula
Lecanora subfusca
Lecidea parasema
Parmelia rudefcta
Parmelia aspera
Parmelia livida
Physcia elaeina
Physcia ciliata
Anaptychia speciosa
Physcia millegrana
Caloplaca aurantiaca
Caloplaca cerina
Pyrenula leucoplaca
Ramalina sinensis
Ramalina sinensis
Ramalina sinensis
Rinodina tephraspis
Xanthoria candelaria
Candelaria concolor
Xanthoria polycarpa
Usnea strigosa

DIVISION FILICOPHYTA [=POLYPODIOPHYTA] (ferns)

Botrychium ternatum
Dryopteris austriaca
Dryopteris iaustriaca var. *intermedia*
Polypodium vulgare

Botrychium rugulosum
Dryopteris carthusiana
Dryopteris intermedia
Polypodium virginianum

