

Ashi-niswi giizisoog (Thirteen Moons)

Aabita-Niibino-giizis

The new Aabita-Niibino-giizis, Mid-summer moon, begins July 8th. Other names for this moon are Miini-giizis, Blueberry Moon; Miskomini-giizis, Raspberry moon and Baashkawe'o-giizis, Flying moon.

Aquatic invasive species: coming to a waterway near you

By Tyler DeMenge,
FDL Resource Management Intern

Hi, my name is Tyler DeMenge; I am working at the Fond du Lac Resource Management Division as an Aquatic Invasive Species Intern. I will be working this summer out on the FDL lakes to help educate the community on the importance of keeping our waters free from aquatic invasive species. I'm doing this because I don't want any of the Minnesota lakes to be infested with invasive



Zebra mussels

species that could be potentially detrimental to the native species in the lakes. It's important to keep all the lakes clean and healthy.

A few of the ways you can help keep the lakes free of invasive species is when you are done fishing, pricing, canoeing, etc., make sure that there is no water in the boat or canoe and that there are no weeds hanging from the boat and trailer. Also you can make sure that all bait and live wells are emptied out and all boat plugs are taken out when you leave a lake, this is to ensure that any aquatic species hiding in the water stay at that lake.

Featured here are a few of the aquatic invasive species causing problems in Minnesota. See corresponding pictures.

We can all prevent the spread

of aquatic invasive species – learn what these invasives look like and follow the DNR's Clean/Drain/Dry procedures for your boat and other equipment that comes in contact with the water.

Eurasian Water Milfoil - typically has 12 to 21 pairs of leaflets. Milfoil spreads when a piece of the plant breaks off and floats on water currents to a different part of the lake or even to a new lake. The infestations caused by this plant can reduce lakeshore property values. Eurasian water milfoil displaces native aquatic plants, impacting fish and wildlife. The closest lake that has this plant is Chub Lake in Carlton, Minn. (from the MN DNR website).

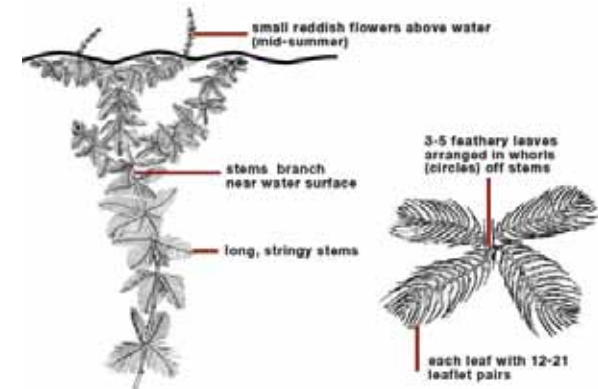
Zebra Mussels - have a dark and white (zebra-like) pattern on their shells, but may be any combination of colors from off-white to dark brown. Zebra mussels filter plankton from the surrounding



Eurasian Water milfoil

water. This filtering can increase water clarity, which might cause more aquatic vegetation to grow at deeper depths and more dense stands. If a lake has high numbers of mussels over large areas, this filter feeding could impact the food chain, reducing food for larval fish (from the MN DNR website). They can also clog water intakes. It's so hard to stop them because they produce microscopic larvae that float freely in the water column, and thus can pass by screens installed to stop them. The closest zebra mussel population is in the St. Louis River estuary.

Purple Loosestrife – seeds spread via moving water and form dense stands that crowd out native plants in wetlands and shorelines. Every year we hand-pull any loosestrife plants on the Reservation, and bigger stands can be reduced through bio-control using weevils. A large stand of purple loosestrife exists at the Hwy 33/I-35 interchange.



Purple loosestrife on storm water pond



Purple loosestrife locations

Purple loosestrife locations

0 0.5 1 2 3 4 Miles

Upcoming Events:

Sign up to the 13 Moons listserv for the latest information on workshops and events by emailing thirteenmoons@fdlrez.com Don't forget to check us out on Facebook! 13 Moons Ashi niswi giizisoog

This page addresses culture, ecology, and natural resource management. Thirteen Moons is the Fond du Lac Tribal College Extension Program and is a collaboration of Fond du Lac Tribal and Community College and Fond du Lac Resource Management.

Ashi-niswi giizisoog Ojibwemowin Page

Anishinaabemowin Lessons

Basic Ojibwe words and phrases:

Double Vowel Chart

This is how to pronounce Ojibwe words.

All consanants sound the same as in English.

“Zh”- sounds like the “su” in measure

“a”- sounds like the “u” in sun

“aa”- sounds like the “a” in father

“i”- sounds like the “i” in sit

“ii”- sounds like the “ee” in feet

“o”- sounds like the “o” in go

“oo”- sounds like the “oo” in food

“e”- sounds like the “ay” in stay

Four Races

African American(s)- Makade-Wiiaas(ag)

Asian(s)- Aniibiishike-inini(wag)

European(s)- Gichi-mookomaan(ag) or

Wayaabishkiwed(waad)

Indian(s)- Anishinaabe(g)

Source: www.ojibwe.org/home/pdf/ojibwe_beginner_dictionary.pdf

Ashi-niswi giizisoog BIGADA'WAA WORD SEARCH

Find the Ojibwe words in the puzzle below

M I I N A N N R P N M A N O O M I N P Q
 V J D I D G K P Z H I I W I T A A G A N
 Q E Z M S C O A N X O T I V E Q D K J G
 E P N I M O G A A G A T A D O C K B M X
 V Z A S A A Y I I W O N Z M O B A D T S
 V Z I I N Z I B A A K W A D O K T H Y D
 L D A I N L O D E I M I N D W H J Z G P
 F D I D A V W Z N L B H O E F H A O I G
 A A Q O G O O X A H E O Z T J N O X C D
 N G S K I W O B W A D H W N I K D M H E
 I A B S H W L P R O I Y I I W K U U I A
 J S X I Z X T S O G H M B E V O Y O O W
 I I N M E G H S A N O I M X P T K H G Q
 I I A T W O H N P K I I X J K S O F I W
 M W Z E K A S F S S N I G P U F Z D N T
 I U N Z A M W I H V C S V Y K Z Z S L H
 N W C B B J M E M L U G I K P M V P Q V
 R J O U A X S N I M I G I I K H S A M O
 E O N I M A A D N A M O K X J W S O U N
 Q X E Z J S H V A N D D O B G J U E H V

Ojibwe Wordlist

Arm.....	Ninik
Back.....	Nipikwan
Ear.....	Nitawag
Eye.....	Nishkiinzhig
Finger.....	Nininjiins
Foot.....	Ninzid
Head.....	Nishtigwaan
Heart.....	Ninde
Hand.....	Ninij
Leg.....	Nikaad
Mouth.....	Nindoon
Nose.....	Injaanzh
Stomach.....	Nimsad
Toe*.....	Niibinaakwaanzidaan
Tongue.....	Nindenaniw

*NOTE: Toe, Niibinaakwaanzidaan is not in the puzzle.

Source:

www.ojibwe.org/home/pdf/ojibwe_beginner_dictionary.pdf