

# Breakfast Nature Club

Learn the secret life of Iowa's wildlife during this monthly class at Nahant Marsh. A continental breakfast with coffee, juice, and tea is included in the fee. Feel free to bring your own coffee mug or travel container.

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## Dates and Topics:

January 6	Surviving the Chill
February 3	Winter Tree Identification
March 3	Papermaking
April 7	Water Testing
May 5	Sand Prairies
June 2	Edible and Medicinal Plants
July 7	Mussels
August 4	Preserving Insects
September 1	Natural Dyes
October 6	Native American Hunters
November 3	Small Mammals
December 1	Skull Study

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### Surviving the Chill: January 6

8-9 a.m. | \$5 Members. \$10 Non-members

Explore ways in which animals adapt to winter and how native peoples survived this chilly season.

### Winter Tree ID: February 3

8-9 a.m. | \$5 Members. \$10 Non-members

Trees are fairly easy to identify when their foliage is full force, but identifying them in winter, well, that can be a bit tricky! In this class, Dr. Susan Romano, Biology professor from Western Illinois University will teach you skills that will be sure to impress all your nature-loving friends!

### Papermaking: March 3

8-9 a.m. | \$10 Members. \$15 Non-members

The craft of papermaking has been traced to 105AD. Over thousands of years, it has been made with a variety of plant material. In this class, participants will learn the history of papermaking and how to make handmade paper from recycled materials. This class will be a bit wet and messy, so come dressed appropriately. There is an additional \$5 fee included for materials. This program will last approximately 90 minutes.

### Water Quality Testing: April 7

8-9 a.m. | \$5 Members. \$10 Non-members

There are many parameters when it comes to determining water quality. In this session, participants will learn about and test for pH, nitrates, turbidity, phosphates and dissolved oxygen.

### Sand Prairies: May 5

8-9 a.m. | \$5 Members. \$10 Non-members

Discover the life that exists in dry, Midwest sand prairies. Brian Ritter, Executive Director at Nahant Marsh will discuss the types of grasses, flowers, and wildlife found in this special prairie ecosystem.

### Wild Foods and Native Herbs: June 2

8-9 a.m. | \$5 Members. \$10 Non-members

Early summer is a wonderful time to harvest and collect many types of wild edibles. Participants will learn about common wild plants, how to harvest them and how to incorporate wild foods and medicinal plants into your gardens.

### Mussels of the Upper Mississippi: July 7

8-9 a.m. | \$5 Members. \$10 Non-members

Mussels are the most endangered species in the U.S. Learn about the adaptations, diets, life cycle, and history of these shelled creatures. Mussel shells will be shown and students will learn to identify common species.

### Preserving Insects: August 4

8-9 a.m. | \$10 Members. \$15 Non-members

Learn how to pin and spread butterflies and other insects for display. There is an additional \$5 fee included for materials. This program will last approximately 90 minutes.

### Natural Dyes: September 1

8-9 a.m. | \$10 Members. \$15 Non-members

Learn how to use items from the garden and your kitchen to create beautiful, natural dyes. There is an additional \$5 fee included for materials. This program will last approximately 90 minutes.

### Native American Hunters: October 6

8-9 a.m. | \$5 Members. \$10 Non-members

Native Americans hunted many types of animals like buffalo, elk and deer. Learn their hunting techniques and how they used all parts of the animal for shelter, tools, food, art, and more. Specimens of animal parts and furs will be shown. Participants will get an opportunity to use an atlatl; a spear-like weapon used by Native Americans.

### Small Mammals: November 3

8-9 a.m. | \$5 Members. \$10 Non-members

Learn about the secret life of small mammals and why these little critters are so vital to our ecosystems.

### Skull Study: December 1

8-9 a.m. | \$5 Members. \$10 Non-members

Discover fascinating facts about animals by studying our collection of skulls. Participants will learn how to identify skulls by assessing their size, shape, and teeth.

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**Pre-registration is strongly recommended, either online at [www.nahantmarsh.org/events](http://www.nahantmarsh.org/events) or by phone at 563.336.3370.**

Discover the wonders of the wetlands during our

## 2017 Adult Programs at Nahant Marsh



For more details and to register online, visit:  
[www.nahantmarsh.org/events](http://www.nahantmarsh.org/events)



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### Dates and Topics:

January 21	Winter Weather Trends
February 18	Winter Tree Identification
March 18	Papermaking
April 15	Water Quality in Iowa
May 20	Sand Prairie
June 17	Edible and Medicinal Plants
July 15	Mussels
August 19	Dragonflies
September 16	Monarch Release
October 21	Native American Hunters
November 18	Woodpeckers

### Winter Weather – Past, Present and Future: January 21

10-11 a.m. | \$5 Members, \$10 Non-members

Come learn about winter weather presented by Ray Wolf, Science and Operations Officer with NOAA/National Weather. Mr. Wolf will discuss winter weather in the Midwest, its impacts, and outlook for the future.

### Winter Tree Identification: February 18

10-11 a.m. | \$5 Members, \$10 Non-members

Trees are fairly easy to identify when there foliage is full force, but identifying them in winter, well, that can be a bit tricky! In this class, Dr. Romano, Biology professor from Western Illinois University will teach you skills that will be sure to impress all your nature-loving friends!

### Handmade Paper: March 18

10-11:30 a.m. | \$10 Members, \$15 Non-members

In this class, participants will learn the history of papermaking and how to make handmade paper from recycled materials. This class will be a bit wet and messy, so come dressed appropriately. There is an additional fee of \$5 included for materials.

### Water Quality in Iowa: April 15

10-11 a.m. | \$5 Members, \$10 Non-members

There are many parameters when it comes to determining water quality. In this session, participants will learn about and test for pH, nitrates, turbidity, phosphates and dissolved oxygen.

### Sand Prairies: May 20

10-11 a.m. | \$5 Members, \$10 Non-members

Discover the life that exists in dry, Midwest sand prairies. Brian Ritter, Executive Director at Nahant Marsh will discuss the types of grasses, flowers, and wildlife found in this special prairie ecosystem.

### Wild Foods and Native Herbs: June 17

10-11 a.m. | \$5 Members, \$10 Non-members

Early summer is a wonderful time to harvest and collect many types of wild edibles. Participants will learn about common wild plants, how to harvest them and how to incorporate wild foods and medicinal plants into your gardens.

### Mussels of the Upper Mississippi: July 15

10-11 a.m. | \$5 Members, \$10 Non-members

Mussels are the most endangered species in the U.S. Learn about the adaptations, diets, life cycle, and history of these shelled creatures. Mussel shells will be shown and students will learn to identify common species.

### Dragonflies: August 19

10-11 a.m. | \$5 Members, \$10 Non-members

Nahant Marsh is an ideal place to study dragonflies. In this program, participants will learn about the life cycle of dragonflies, their food preference, and how to identify common species.

### Monarch Release Party: September 16

10-11 a.m. | \$5 Members, \$10 Non-members

### Native American Hunters: October 21

10-11 a.m. | \$5 Members, \$10 Non-members

Native Americans hunted many types of animals like buffalo, elk and deer. Learn their hunting techniques and how they used all parts of the animal for shelter, tools, food, art, and more. Specimens of animal parts and furs will be shown. Participants will get an opportunity to use an atlatl; a spear-like weapon used by Native Americans.

### Woodpeckers

10-11 a.m. | \$5 Members, \$10 Non-members

Explore the amazing world of woodpeckers. Participants will learn about their adaptations, life cycles and how to identify and attract the species that are found in our local area.

*There is no scheduled program for December 2017.*