Riddle of the North

Radiogram to Milwaukee Journal, Milwaukee Sentinel and Wisconsin News:
The Isle Royale Expedition is functioning perfectly and results thus far greatly exceed our expectations. This island is the riddle of the North and its archeological mysteries are legion. No scientific expedition so well financed and equipped has ever before visited the island. The palatial yachts Naroca and Margo not only furnish living quarters, but quick transportation to the many places of interest along the miles of shoreline of this enchanted isle.

The year is 1928, and the Isle Royale Expedition has been spending the summer at work on this archipelago in the midst of Lake Superior. Archeologically they have accomplished much. Evidence regarding the prehistoric inhabitants is accumulating. The team members, who include both professional and amateur archeologists, are making national news headlines as they report, via radiogram, on their progress and adventures.

On this warm August evening, Naroca and Margo swing gently at anchor in McCargoe Cove. Along the shore a moose wades through the reeds, gulls swoop and weave above, and the rock ridges on each side hold the harbor in forest-bound serenity.

The expedition members are relaxing after a long day of exploring the island's largest assemblage of prehistoric mining pits. The evening's banter has shifted from academic discussion to an issue undreamed of when the expedition was formed—that the necessity of saving this place of beauty for the benefit of those to come is paramount. With sunset as their backdrop, the team huddles to compose their thoughts. Later that evening, they send a radiogram to President Calvin Coolidge:

Mr. President...preserve forever this northern land of woods and lovely waters for the people of this country. What scientists call “the riddle of the North” with its 10,000 ancient copper mines, with its untouched wilderness of evergreens and birches and its scores of inland lakes, with its rugged shores and its bewilderingly beautiful estuaries...with its lowlands where thousands of moose are found—all this be preserved inviolable for the present and future generations of America and the world. It should be preserved for its natural grandeur and the beauty of its waters. Its profound archeological, geological and historical interest, its unique scenic beauty, its unparalleled wild life, its value as a health refuge from the heats and fevers of the country give weight to our suggestion.

The members of the expedition had lent their weight to growing public opinion that Isle Royale was, in so many ways, worthy of national park status. The following year, National Park Service representatives visited the island, evaluating its suitability for parkhood. In 1930, Isle Royale National Park was authorized. As they departed the island, the expedition members—like today’s visitors—were full of plans for future adventures. They had come to the island with specific expectations. They did not discover answers to all their questions. They had not solved the “riddle of the North,” but they were not disappointed. They had found something else—something deeper, something unforeseen. The archipelago had worked its magic on them, and they ended up finding their park.

You may come to the park to hike the trails or fish the waters, to see moose or to find solitude. Whatever your reasons, when you leave the mainland, leave your expectations behind. Open yourself to the journey and you, too, may find your park—and yourself.

Val Martin
Park Ranger

CELEBRATING 100 YEARS

On August 25, 1916, President Woodrow Wilson signed the act creating the National Park Service—responsible for protecting the forty national parks and monuments then in existence, and those yet to be established.

Today, more than four hundred sites make up the National Park System. From the grandeur of Yosemite’s mountain vistas, to the ancient dwellings of Mesa Verde; from the Statue of Liberty to the wild islands of Isle Royale, these sites were safeguarded for their superlative natural, historical, cultural and recreational values. Together they represent the cumulative expression of a single national heritage. Since its inception, the National Park Service has followed the timeless guidance of the Organic Act, which defines its two “fundamental purposes”:

To conserve the scenery and the natural and historic objects and the wildlife

To provide for their enjoyment in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations.

Over the last hundred years, the Park Service has evolved to address new challenges in an ever-changing world. But the original mission remains at its heart.

The National Park Service holds these places in trust for the people. The parks belong to you. Each of us should have the chance to stand where a milestone in our history has occurred, to reflect on and become connected to the past. We should have opportunities to be surrounded by beauty, to rediscover our spirit in wild places.

So go to the parks and celebrate the centennial of “America’s Best Idea.” Make a birthday wish for their future. Unwrap their wonders, and consider their values. You’ll never open a better present.

4 Interpretive Activities
Education programs and guided tours about the natural and cultural history of the park.

5-8 Trip Planning
Pull-out map with information on Leave No Trace, hiking, camping, fishing, canoeing, kayaking and boating.

11 Transport & Fees
Ferry schedules and daily fees.
Use Fee Collection for 2016

12 Publications
Books and maps provided through the Isle Royale and Keweenaw Parks Association.
Did You Know?

The iconic National Park Service (NPS) arrowhead was authorized in 1931. Rooted in heraldic tradition, each element symbolizes a facet of the National Park System. Vegetation and wildlife are represented by two cherished species. The mountain and lake are emblematic of the scenic and recreational values of park lands and waters; the arrowhead outline of historical and archaeological ones. Test your knowledge of these symbols of “America’s Best Idea.”

1) Vegetation is represented by the most massive plant species on the planet which can be found in Yellowstone and Kings Canyon National Parks and in this national park named for these big trees.
2) Many NPS sites preserve awe-inspiring mountain scenery. Soaring to a height of 20,320 feet, the highest peak in North America is within the boundaries of which national park?
3) Wildlife is represented by a bison. Which NPS site is the only place in North America where bison have lived continuously since prehistoric times?
4) Some NPS sites are more water than land. This national park is ninety-five percent underwater and protects coral reef and mangrove ecosystems.
5) NPS sites preserve stories of our past. Which NPS site protects approximately 4,000 archeological sites representing more than 10,000 years of human culture?

The National Park Service preserves unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations.

Lakeside Lodge Rooms
Sixty rooms are available; each accommodates four and offers private bath. Open 6/7 through night of 9/9.

Housekeeping Cabins
Twenty duplex cottages accommodate six and are furnished with utensils, dishware, private bath, double bed and one bunk bed. Open 5/27 through night of 9/9.

Gift Shop and Dockside Store
Gift Shop offers handcrafted gifts, apparel, photo supplies. The marina offers gasoline, pump-out service, and daily fishing licenses and tackle. The store offers groceries, freeze-dried foods, fishing tackle, stove fuel, camping, hiking, and boating accessories, showers, laundry facilities, and sundries. Gift Shop open 6/7 through 9/9; Dockside store open 5/27 through 9/9.

Lighthouse Restaurant and Greenstone Grill
Hearty meals, including fresh Lake Trout. Visitors welcome for breakfast, lunch, and dinner. Food service open 6/7 through breakfast 9/9.

Marina and Water Taxi
Offers 490 feet of dock space in Rock Harbor, accommodating boats up to 66 feet. Electrical, fresh water hook-up, sewage pump-out, gasoline, and diesel fuel, motorboat, canoe, and kayak rental available. Water taxi service drops off or picks up visitors, canoes, or kayaks at many island docks. Services open 5/27 through 9/9.

Fishing Charters and Sightseeing
Charters are fully equipped. For details on sightseeing trips refer to page 4. Open 6/7 through 9/9.

Windigo Store and Marina
Offers groceries, cold sandwiches, camping supplies, stove fuel, daily fishing licenses and tackle, gifts and photo supplies. The marina offers gasoline, pump-out service, and motorboat, canoe and kayak rental available. Water taxi service drops off or picks up visitors, canoes, or kayaks at many island docks. Services open 5/27 through 9/9.

Windigo Camper Cabins
Two rustic cabins; each accommodates up to six and is furnished with table, chairs, full size futon, 2 bunk beds with mattresses, electrical outlets and lighting and have picnic table and propane grill. Water spigot and proxy are nearby. Open 6/7 through night of 8/5.

The cost for utilities on Isle Royale is much higher than on the mainland. A utility surcharge will be added to the cost of some goods and services.
Making Island Memories

What is your first park memory? Hot cars, no air conditioning, whining children playing bug-your-brother-harass-your-sister games, wondering why your parents dragged you to some “park” that you think will be boooringgggg? Or the excitement of hearing a plane splash down on the canal in your hometown—ready to whisk you and your family to a park you never expected to come back as friends, and even my new husband. I never expected to come back as counselor friends, then college friends, and even my new husband. I never expected to come back as park superintendent—but when my husband and I returned to this special place, I went on a journey to re-hike every trail on the Island and explore its bays and remote backcountry.

Later in my childhood, my parents piled the five of us kids in a large station wagon for the hot-car, no-air-conditioning road trips during which we drove our parents crazy with “Are we there yet?” But always at the end of the drive was an awesome outdoor playground—a national park. We explored these parks and experienced their magic. I remember my youngest sister spending a half hour following a tiny iridescent-green beetle; and the whole family standing silent, in awe of a massive buffalo.

I believe that an important opportunity while finding your park during this centennial year is to bring along the next generation. Bring friends and borrow a kid if you don’t have any of your own... and create memories that can last a lifetime.

Phyllis Green Superintendent

A Spectacle of Species

Isle Royale National Park is probably best known for its charismatic large mammals. But a walk in the park reveals myriad organisms with their own special stories. With each step down the trail you stumble upon wonder—a hoofmark in the mud, a blue butterfly basking in their own special stories. With each step down the trail you stumble upon large mammals. But a walk in the park reveals myriad organisms with their typical range. Many of these species are rare in Michigan, including this threatened species whose scientific name *Empeptrum* translates to “upon the rocks,” which is where you’ll find this evergreen growing. HINT: Named for the color of its dark berries plus a similarly colored bird that may feast upon them.

2) No honeybees live on Isle Royale, but there are many native bee species. Recent studies indicate that several of these likely live only on Isle Royale and have never been documented before! This bee species is boreal in distribution and has not been recorded elsewhere in Michigan. It can be found in association with purplish harebell plants that grow along the park’s shorelines.

HINT: This bee species is one in a large family of small bees that might visit after you have been on a long hike, as they are attracted to salt from perspiration.

3) Freshwater mussels are one of the most endangered groups of animals in North America. Four species have been documented on Isle Royale. Although the species present in the park are still commonly found elsewhere, the numbers living here astounded researchers. Population levels so high haven’t been seen elsewhere in more than a century. Chickenbone Lake is home to six million of these shelled creatures! This species is among largest of all the freshwater mussels.

HINT: Named for its huge size (up to ten inches), plus what a lifejacket helps you become.

4) More than 600 species of lichens live on Isle Royale, making it the diversity hot spot for the Midwest and the record holder for most lichen species in a national park. Many lichens are indicators of air quality. Those that hang from trees are especially sensitive to the presence of atmospheric pollution. This lichen that grows on trees, logs and mossy rocks is sensitive to sulfur dioxide levels above ten parts per billion! Olive-brown when dry, it turns a brilliant green after a rain.

HINT: Named for an internal organ that it (slightly) resembles; its scientific name is *palmonaria*.

5) Inland lakes on Isle Royale are unusual (even for national parks), as it is unlikely that any non-native fish species have been introduced. But ecological stressors still impact these communities. This cold water fish cannot withstand water temperatures over 77 degrees. In the 1990s, researchers found this fish in four inland lakes, but recent surveys failed to locate any in either Lake Ritchie or Sargent Lake. This could be the first example of localized extinction on Isle Royale as a direct result of climate change.

HINT: This fish shares its name with a fictional “kid” featured in comics and movies.

ANSWERS:

1) *Bolitotherus cornutus* (Black Cow Mussel)

2) *Coxoecus montivagus* (Purpledotted Flameshell)

3) *Giant Floater* (Empetrum nigrum)

4) *Cisco* (Coregonus artedi)

5) *Empetrum nigrum* (Lungwort)

*HINT: This species is among largest of all the freshwater mussels.*

Y our Guide T o Isle Royale National Park 2016 – Your Guide To Isle Royale National Park 3

Share your Isle Royale National Park Centennial trip on Instagram! Tag photos and videos from your adventure with #isleroyalenps for a chance to be featured on the park Facebook page and in a Centennial podcast at the end of 2016.
Interpretive Activities

Enjoyable and educational programs are offered on Isle Royale at Rock Harbor and Windigo, and they are also presented on the National Park Service vessel, Ranger III. In addition, the tour boat The Sandy offers guided excursions.

Ranger guided tours are free, although those involving The Sandy and the Ranger III waterway cruises include a transportation fee. Check at local bulletin boards for further details.

For outdoor activities, dress for the possibility of cold or rain and wear sturdy footwear. Trails are rocky and can be slippery during or after wet weather, wear shoes with good ankle support, weatherproofing, and soles that grip well. Come join us!

• All times are Eastern Daylight Time
• $ = transportation cost
• ** = indicates tours with a park ranger

<table>
<thead>
<tr>
<th>ROCK HARBOR AREA</th>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rock Harbor Visitor Center Information, books, maps, educational sales materials, camping permits, dive permits, user fee payments, and Jr Ranger Program.</td>
<td>Daily 8:00 a.m. to 6:00 p.m. – July and August Reduced schedule in May, June and September</td>
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<tr>
<td><strong>THE SANDY TOURS FROM ROCK HARBOR</strong></td>
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<tr>
<td>The Sandy Tours will operate from June 7 through September 9. Rates for the various tours are available at the Rock Harbor Lodge and Rock Harbor Visitor Center; children under 12 are charged half-price for the The Sandy. Water Bus service for hikers/paddlers available with some tours. Contact Rock Harbor Lodge for details.</td>
<td>For all tours and programs involving the The Sandy, obtain tickets and information at the Lodge Registration Office.</td>
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<tr>
<td><strong>Hidden Lake/Lookout Louise ($)</strong>**</td>
<td>A 4-mile boat trip on the The Sandy to Hidden Lake Trailhead followed by a 2-mile round trip hike past Hidden Lake up 320 feet to Lookout Louise. View the south shore of Canada and the north shore of Isle Royale. Return with the group or bring a lunch and water and hike 9.4 miles back to Rock Harbor.</td>
<td>9:00 a.m. to 12:30 p.m. (Water Bus)</td>
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<td><strong>Passage Island ($)</strong></td>
<td>An 8-mile boat tour on the The Sandy and includes a Lake Superior sunset (after Aug. 15, cruise only).</td>
<td>1:30 p.m. to 6:00 p.m.</td>
<td>9:00 a.m. to 1:30 p.m.</td>
<td>2:00 p.m. to 6:00 p.m.</td>
<td>1:30 p.m. to 6:00 p.m.</td>
<td>9:00 a.m. to 1:30 p.m.</td>
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<tr>
<td><strong>Edisen Fishery and Rock Harbor Light ($)</strong></td>
<td>Visit the historic commercial fishery with the resident fishery demonstrator and take a quarter-mile walk to the oldest lighthouse (1855) on Isle Royale and enjoy its maritime exhibits.</td>
<td>2:00 p.m. to 6:00 p.m.</td>
<td>2:00 p.m. to 6:00 p.m.</td>
<td>8:00 p.m. to 10:30 p.m. (Water Bus)</td>
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<tr>
<td><strong>Raspberry Island/Sunset Cruise ($)</strong></td>
<td>Take a walk along a boardwalk through the spruce bog on Raspberry Island followed by a cruise on the The Sandy around Scoville and Blake Points to view features like the Canada shoreline, the site of the Monarch shipwreck, and a Lake Superior sunset (after Aug. 15, cruise only).</td>
<td>8:00 p.m. to 10:30 p.m. (Water Bus)</td>
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**Evening Programs** Explore Isle Royale’s natural and cultural history with a guest speaker.

**Interpretive Programs** Join a park representative for an exploration of Isle Royale’s natural and cultural history.

**Interpretive Programs** Check the bulletin board for program schedule.

**THE SANDY TOURS FROM ROCK HARBOR** For all tours and programs involving the The Sandy, obtain tickets and information at the Lodge Registration Office. The Sandy Tours will operate from June 7 through September 9. Rates for the various tours are available at the Rock Harbor Lodge and Rock Harbor Visitor Center; children under 12 are charged half-price for the The Sandy. Water Bus service for hikers/paddlers available with some tours. Contact Rock Harbor Lodge for details.

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**Evening Programs**

- Explore Isle Royale’s natural and cultural history with a guest speaker.

**Interpretive Programs**

- Join a park representative for an exploration of Isle Royale’s natural and cultural history.

**Interpretive Programs**

- Check the bulletin board for program schedule.

**DAISY FARM**

**Evening Programs**

- Explore Isle Royale’s natural and cultural history with a guest speaker.

**Interpretive Programs**

- Join a park representative for an exploration of Isle Royale’s natural and cultural history.

**Evening Programs**

- Explore Isle Royale’s natural and cultural history with a guest speaker.

**Interpretive Programs**

- Join a park representative for an exploration of Isle Royale’s natural and cultural history.

**Windigo Visitor Center**

- Information, books, maps, educational sales materials, camping permits, dive permits, user fee payments, and Jr Ranger Program.

**Interpretive Programs**

- Join a park representative for an exploration of Isle Royale’s natural and cultural history.

**Interpretive Programs**

- Check the bulletin board for program schedule.

**Houghton**

- Information, trip planning, books, maps, and other educational sales materials, Ranger IIT and group-camping reservations, boater camping permits, dive permits, and user fee payments.

**Interpretive and Educational Programs**

- While onboard, park staff and guest speakers, weather permitting, will explore Isle Royale's natural and cultural history or topics related to the Lake Superior Basin. Park staff will assist in trip planning, answering questions, and issuing backcountry camping permits.

**Keweenaw Cruises ($)**

- Enjoy an afternoon cruise along the scenic Keweenaw Waterway aboard the Ranger III. For reservations call (906) 482-0894

**Your Guide To Isle Royale National Park – 2016**
**Planning Your Visit**

### Park User Fees

There is a daily user fee of $4 per person per calendar day. This applies to all park visitors, including those visiting for the day.

**For 2016** Pay use fees in advance at www.pay.gov. Type Isle Royale in the search box to find the Isle Royale NP Daily Physical Pass form. Bring your receipt as proof of payment to show upon arrival in park.

For trip planning assistance call (906)482-

### Visiting Procedures

Visitors, including those visiting for the day.

- **Park User Fees**
  - For-profit groups providing goods, activities, or service to the general public within the park must obtain a Commercial Use Authorization – CUA ($400 fee.) These groups include camps, outfitters, tour groups, or any other group or organization that provides compensation, monetary gain, benefit, or profit to an individual, organization, or corporation for the authorized use. Applications for CLUs are accepted between January 2 and May 15.

- **Commercial Groups and Special Use Permits**
  - CAMP AT

- **Advance reservations are recommended for any group or organization.**

- **Group leaders should carry medical information for each group member including known allergies and medical conditions, and medications currently taken.**

### Cleaning Cookware

Most cookware can be cleaned with hot water, a little elbow grease, and sand or other natural scrubbers. Clean cookware at least 100 feet from lakes, streams, trails, gullies, or campfires. Soap is unnecessary for most dishwashing jobs. Even biodegradable soaps take a long time to degrade. Use these products sparingly and keep them at least 100 feet from water sources and campfires. Use a small strainer or screen to remove food bits from the water and pack them out with you. The remaining gray water should be scattered or broadcast over a wide area away from camp and water sources.

- **Bathing/Cleaning Clothes**
  - When bathing use soap only if necessary and use it sparingly. Get wet, then move at least 100 feet away from all water sources and campfires to lather and rinse. Rinse water can be carried in collapsible containers or pots. Soap is unnecessary for most dishwashing jobs. Even biodegradable soaps take a long time to degrade. Use these products sparingly and keep them at least 100 feet from water sources and campfires. Use a small strainer or screen to remove food bits from the water and pack them out with you. The remaining gray water should be scattered or broadcast over a wide area away from camp and water sources.

- **Waste Water Disposal**
  - Clean water on top.

- **Dehydration**
  - Drink as much water as possible while near water sources. Start hiking early before the day heats up. Hike at a slower pace than usual and rest in shady spots. Dehydration is also a problem in cold weather as most people don't feel thirsty and tend to drink less. Watch for mild signs of dehydration such as thirst, fatigue, headache and dizziness. Signs of severe dehydration include nausea, reduced or no sweating and long stretches without urinating.

### Drinking Water Notice

In recent years, blue-green algae blooms have occurred in and around the park. Blue-green algae can be toxic and filtering does not remove toxins from the water. Avoid swimming, fishing or filtering water if it has a cloudy-blue cast or looks like “pea soup.” Report possible algae blooms to park staff. If algae blooms occur, advisories will be posted at park visitor centers. For more information visit www.nps.gov/isro/planyourvisit/fees.htm

### Leave What You Find

Enjoy your discoveries and take them home via photographs, drawings, and memories.

- **Natural objects of beauty or interest such as moss anthers, plants, driftwood, cultural or archaeological resources, rock formations, including those found in Lake Superior, must be left where they are so others can experience the same sense of discovery. Removing, possessing, or disturbing park resources is prohibited. This may seem like a harmless act, but the cumulative effect of many people doing the same can be quite damaging to park resources. Picking small quantities of berries for personal consumption is permitted.**
Distance•Elevation-Change•General Comment

Malone Bay - Siskiwit Lake
- 3 miles, 40’ Gradual Slope

Siskiwit Lake - Intermediate Lake
- 4 miles, 40’ Gradual

Intermediate Lake - Lake Richie
- .6 miles, 120’ Hilly and wooded

Wood Lake - Lake Whittlesey
- .6 miles, 80’ Rolling

Lake Whittlesey - Chippewa Harbor
- .6 miles, 140’ Steep grades and rocky

Chippewa Harbor - Lake Richie
- 1.2 miles, 160’ Hilly

Moskey Basin - Lake Richie
- 2.0 miles, 120’ Gradual but very long

Lake Richie - Lake LeSage
- .6 miles, 100’ Steep grades, wet

Lake LeSage - Lake Livermore
- .4 miles, 80’ Steep grades, wet

Lake Livermore - Chickenbone Lake
- .2 miles, 40’ Steep but short

Chickenbone Lake - McCargoe Cove
- 1.2 miles, 80’ Hilly

Pickerel Cove
- .1 miles, 10’ Short and sweet

Lone Cove - Stockly Bay
- .1 mile, 8’ Short and sweet

Five Finger Bay - Duncan Bay
- .2 miles, 8’ Short and sweet

Duncan Bay - Tobin Harbor
- .8 miles, 175’ Extremely steep

Tobin Harbor - Rock Harbor
- .2 miles, 40’ Up and over

NOTE: Because of Isle Royale’s geology, north-facing slopes are much steeper than south-facing slopes.

CAMPGROUNDS

Canoe Portages

Distance•Elevation-Change•General Comment

Canoe Portages

NOTE: Because of Isle Royale’s geology, north-facing slopes are much steeper than south-facing slopes.
The island’s Wilderness and Lake Superior present challenges and potential hazards to the inexperienced or ill-prepared.

- Basic emergency services are available on the island, but contacting rangers for assistance can be difficult. Emergency response and evacuation may take time, requiring you to rely on your own skills and equipment. Most private boaters on Lake Superior have radios and can contact park rangers in an emergency.
- Bring a good first aid kit, a sufficient supply of any needed medications, and clothing appropriate for the time of year.
- Filter with chemical treatment or boil all surface water. Drink plenty of water. When dehydrated, you tire more quickly, don’t think clearly, and are more prone to fall.
- Weather and lake conditions can deteriorate quickly and unexpectedly. Hypothermia can occur any time of the year, especially near Lake Superior, where water and air temperatures are cool to cold year-round. Fog and waves can quickly create dangerous conditions for boaters, especially for paddlers.
- Many people underestimate hiking travel times and overestimate their abilities. Plan shorter, realistic travel days; don’t turn your wilderness trek into a forced march.

FISHING REGULATIONS

<table>
<thead>
<tr>
<th>Species</th>
<th>Seasons</th>
<th>Minimum Size</th>
<th>Daily Possession Limit</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Trout, Rainbow Trout &amp; Salmon</td>
<td>All Year</td>
<td>10” except 15” for lake trout</td>
<td>5 in any combination, but no more than 3 of any one species - only one over 18”</td>
<td>*1, *2</td>
</tr>
<tr>
<td>Lake Trout Sikwot Lake</td>
<td>April 16 to October 31</td>
<td>N/A</td>
<td>Catch and release only in park's waters.</td>
<td>*2, Artificial lures *3, and barbless hooks *4</td>
</tr>
<tr>
<td>Coaster Brook Trout</td>
<td>Last Saturday in April to Labor Day</td>
<td>N/A</td>
<td>Catch and release only — No possession allowed</td>
<td>Artifical lures *3 and barbless hooks *4</td>
</tr>
<tr>
<td>Brook Trout Streams &amp; Hidden Lake</td>
<td>Last Saturday in April to Labor Day</td>
<td>N/A</td>
<td>Catch and release only - No possession allowed</td>
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<tr>
<td>Rainbow Trout Streams</td>
<td></td>
<td>7”</td>
<td>5 fish with no more than 3 fish over 15”</td>
<td></td>
</tr>
<tr>
<td>Lake Herring (Cisco) and Lake Whitefish Inland Lakes</td>
<td>April 16 to October 31</td>
<td>N/A</td>
<td>Catch and release only</td>
<td>*3, *4</td>
</tr>
<tr>
<td>Northern Pike Lake Superior and Inland Lakes</td>
<td>May 15 to October 31</td>
<td>24” Lake Superior, 30” maximum, 30” maximum</td>
<td>5 in any combination, but no more than 2 Northern Pike</td>
<td>Artificial lures only on interior lakes *3 and streams *4. See Greenstone article page 10 for details</td>
</tr>
</tbody>
</table>
| Walleye                           | Lake Superior and Inland Lakes | May 15 to October 31 | No minimum size | 50 | Recommend daily limit of 10 |}

For additional fish species, seasons, creel limits and 2016 regulation updates and changes review the Michigan Fishing Guide.

*1 Park boundaries extend 4.5 miles out into Lake Superior from the outermost land areas of the park.
*2 For additional trout/salmon fishing information, review the Michigan Fishing Guide.
*3 Artificial lures mean any lure or fly manufactured in imitation of, or as a substitute for natural bait. It is unlawful to use or possess live bait, dead or preserved bait, organic or processed food, or scented material on interior lakes or streams.
*4 Only barbless hooks may be used for fishing the park’s rivers, creeks, and streams, and all inland lakes. Barbed hooks are only allowed in Lake Superior waters.
Pack It In, Pack It Out

It starts at home. Through careful meal planning and repackaging of food items, you can reduce food leftovers and trash in the backcountry. Pack out everything you take in. Leftover food, food scraps, orange peels, nutshells, apple cores, twigs, candy wrappers, fishing line, and cigarette butts must be packed out. If you have food leftovers, either eat them or pack them out. Trash and food scraps must not be burned, buried or placed in outhouses.

Insects

Expect mosquitoes, black flies, gnats, and other insects to peak in June or July. During wet summers, mosquito populations can complemented. Bring insect repellent, netting, or other skin barrier. Dry summers will produce an abundance of yellow jackets. Bring an epinephrine kit if you or a member of your party is allergic to bee stings. For others, over-the-counter antihistamines may help counter minor swelling and itching.

Minimize Use of Fires

Campfires are permitted at only a handful of campgrounds. A backpacking stove is a must; these stoves are lightweight, dependable, easier to use, and less damaging to the park than wood fires. Where campfires are allowed, a metal fire ring is provided; never build your own ring. Gather only dead and down wood away from the camp area. Do not import firewood; insects and pathogens from an infected wood source could devastate Isle Royale’s forests. Use small diameter wood no larger than an adult’s wrist, as this will burn completely and will eliminate the need to pack a hatchet or saw. Collect wood from a wide area and away from the immediate vicinity of camp. This keeps the camp area from becoming depleted of wood and potential nutrients. Do not break branches or strip bark from standing trees, live or dead. Resist the temptation to gather driftwood or wood from beaver damage. Do not burn anything that may spread a fire form the fire base should be kept small. Once finished, make sure the flames and coals are dead out and cool to the touch, double check before going to bed or leaving camp.

Canoeing/Kayaking

Lake Superior is well known for its cold temperatures, fog, and sudden squalls that can generate waves that could easily swamp a canoe. This along with scarce outer shore landing sites adds to the potential danger. Small, open vessels are encouraged to use the numerous miles of waterways that the inland lakes provide. Canoists and kayakers should be familiar with weather patterns and consult the marine forecast at visitor centers before embarking. Be prepared to adjust your schedule to the weather. A portable marine weather radio is recommended.

Portages

Canoes and portages are on the northeast half of the Island. Portages are marked with a letter “P” on a post. PFD—

* All canoeists and kayakers must have a U.S. Coast Guard approved personal flotation device. Wear it, your life may depend on it.

Boat Rental—

Canoes, kayaks, and motorboat rentals are available at Windigo and Rock Harbor. For more information contact the Rock Harbor Lodge (refer to page 2).

Loons

Isle Royale National Park contains over 100 loon nesting territories, supporting the only known population which still breeds in Great Lakes Waters. These birds nest on land very close to the shoreline, making them highly susceptible to human disturbance. An adult loon who tremolos (the laughing call) is sending a message that you are too close. From mid-May through July 15 (loon nesting season) visitors are to stay at least 150 feet away from small islands. Additional areas may be closed due to loon nesting, please check at the visitor centers for updated information.

Aquatic Invasive Species

Invasive species are considered to be one of the top threats to the ecological integrity of our national parks. Please take time before and during your trip to do your part to repel the invasion. Take your filter or backflush several times with filtered water before using inland. Clean fishing gear before island departure. Divers

Wash all dive gear in warm chlorinated tap water - Disinfect your wetsuit with a special-purpose shampoo - dry all dive gear and wetsuit for seven days before island departure. While on Isle Royale

If you filter water from Lake Superior, change your filter or backflush several times with filtered water before using inland. Cleanoists and Kayakers

Wipe down your boat and associated gear before moving from Lake Superior to inland waters. Anglers

When moving from Lake Superior to inland waters, clean gear and change line spoons.

Wheeled Vehicles/ Drones

Wheeled vehicles (except for non-motorized wheelchairs) or other mechanical forms of transportation are not allowed outside developed areas at Rock Harbor and Windigo. This includes bicycles and portaging devices.

Weapons, Traps, & Nets

The use or possession of weapons, traps, and nets is prohibited. Weapons include any implements designed to discharge a projectile or missile in the air or water and include among other things the slingshot, blowgun, and bow and arrow. Fireworks are prohibited.

Exception: Possession of firearms within the park is regulated by Michigan law open and concealed carry. Federal law prohibits possessing firearms in certain federal facilities. For information on weapons restrictions around ferries and seaplanes, see park website. Please Note: The discharge of firearms within park boundaries is prohibited.

For more detailed information about firearms and links to pertinent legislation and laws visit http://www.nps.gov/eno/lawsandpolicies.htm

Pets

Dogs, cats, and other mammals are not allowed. This includes pets on boats within the park boundaries, which extend 4½ miles into the Lake Superior from the outermost land areas of the park. Visitors bringing pets to Isle Royale will be required to leave immediately. Pets disturb wildlife and can transmit diseases, particularly to wolves. Special conditions apply to service animals. Please contact the park for further information.

Shower

The concession operation offers token-operated shower facilities at Rock Harbor 5/27 through 9/9 and Windigo 6/1 through 9/9.

Boating

All boaters staying overnight at anchor, at docks, or in campgrounds must first obtain a camping permit. Lake Superior offers challenging and often dangerous weather in the form of dense fog, high winds, waves, and thunderstorms. Combine this with rocky reefs, limited safe anchorages, and Isle Royale’s remoteness, and it pays for you, your crew, and your boat to be shipshape. For additional information on boating and trip planning please request the park’s Isle Royale Boating Guide. In addition to Houghton, Rock Harbor, and Windigo, boaters may obtain Isle Royale camping permits on-line at www.nps.gov/isro.

Restricted Water Activities—

Water skiing and personal watercraft including vessels commonly referred to as jet skis, waverunners, sea-doo’s, wet bikes, or surf jets are prohibited. Since all of the park’s inland lakes are located within designated Wilderness, they can only be explored by paddling. Vessels with motors (even if not in use) are prohibited on inland lakes and streams.

Portable Generators, Electronic and Motorized Devices—

Operation of electronic and motorized devices such as stereos, televisions, radios turned to commercial stations and portable generators are not permitted except in developed and open-water motorized areas. Developed areas include the Windigo and Rock Harbor developed areas, and the Mott Island Harbours area. Open water motorized zones include Lake Superior waters outside of designated “quiet/no wake waters.”

On-Board Generators—

The operation or use of permanently installed (by the boat manufacturer) on-board vessel generators is allowed between 6:00 a.m. and 10:00 p.m. Eastern Daylight Time in developed zones and at the following docks: Beaver Island, Belle Isle, Canbou Island, Grace Island, Hay Bay, Malone Bay, Rock Harbor, Tobin Harbor and Windigo. On-board generators may not be operated or used at the following public use landing sites: Birch Island, Chippewa Harbor, Daisy Farm, Duncan Bay, Duncan Narrows, McCagg Cove, Merritt Lane, Moskey Basin, Siskiwit Bay, Three Mile, Todd Harbor, and Toorker Islands. Vessels at anchor within Quiet/No Wake Zones may operate on-board generators between 6:00 a.m. and 10:00 p.m. Eastern Daylight Time, except when anchored within 1/4-mile of a designated park campground.

Quiet/No Wake Zones—

These areas provide a quality visitor experience by providing relatively tranquil, natural marine surroundings. Within the zone, vessels must not exceed 5 mph or produce waves in excess of 1 foot. Quiet/No Wake Zones include specified areas near Todd Harbor, Johns Island, Barmum/Washington Islands, Hay Bay, Wright Island, Malone Bay, Chippewa Harbor, Conglomerate Bay, Moskey Basin, Lorette Lane, Tobin Harbor, Merritt Lane, Passage Island, Duncan Bay, Five Finger Bay, Lane Cove, Robinson Bay, Pickend Cove, Belle Harbor, Crystal Cove, and McCagg Cove. Consult map page 6 and 7.

Pollution Prevention—

Head pump-out service is available at Windigo and Rock Harbor when the concession operation is open. Vessels carrying spare fuel in portable containers must use legally approved containers. Fuel may not be stored on docks.

Customs—

All vessels arriving from Canada (U.S. or Canadian customs) or any other country (e.g., Windigo or Rock Harbor Visitor Center). A valid passport, U.S. Passport card, enhanced drivers license, or trusted traveler program card is required. Visitors from Canada can be cleared for Isle Royale only. For additional information go to www.cbp.gov.

Divers—

Please refer to your dive permit regulations concerning compressor use.

Fuel—

Gasoline is sold from 6/7 through 9/11 at the Rock Harbor, Lane Cove, Robinson Bay, Pickend Cove, Belle Harbor, Crystal Cove, and McCagg Cove. For detailed information on park regulations visit www.nps.gov/isro/laws/management/lawsandpolicies.htm

For additional information on Leave No Trace visit a copy of the park’s LNT booklet or visit www.lnt.org
The (Geologic) Ups and Downs of Hiking Isle Royale

Hiking Isle Royale is an incredible, yet challenging experience. I recall my first clamber from Daisy Farm to Mount Ojibway; gain some elevation and then drop into a valley, up and down, repeat. If you’re carrying a twenty-five-pound pack, you might start to brood over how frequently the topography changes, or why one side of the ridge seems steeper than the other.

This stunning ridge and valley terrain is a result of diverse geologic forces. The black rocks you might warm your bare feet on offer a window into Earth’s ancient volcanic past. “Volcano” usually conjures an image of Mt. Vesuvius or Mt. St. Helens, but Isle Royale’s formation was more like eruptions you might see in Hawaii. Only larger. Much larger. Imagine massive magma oceans, the site of Earth’s largest lava outpourings, extruded more than one billion years ago. Then picture quiet extrusions more than one billion years ago. Then picture quiet eruptions between lava flows, softer sedimentary layers were deposited between lava flows.

So, lava flows. Then what? Subsidence resulting tilted and dipped this series of lava flows and sedimentary layers southeastward to what is now the middle of Lake Superior. Now, imagine the forces at play 10,000 years ago when ice nearly two miles thick scraped across these tilted lava flows and sedimentary layers. Isle Royale’s resilient volcanic layers resisted glacial erosion; the softer sedimentary layers were more easily removed. When the glaciers retreated, they revealed the ridges and valleys we hike today, along with harbors and islands we paddle in and around, leaving Isle Royale isolated in a vast lake. Simply put, massive lava flows and interbedded sedimentary layers, tilted southeastward and subjected to glacial erosional forces = ridge-and-valley topography. Hiking north-south means lots of up and down, with steeper climbs if you are headed south! East-west is a little easier going.

The Greenstone flow, the largest lava flow known on the planet, forms the backbone of the island—the prominent Greenstone Ridge. Climbing the ridge is worth every moment, rewarding you with breathtaking vistas in all directions. Notice the trend of the elongated islands to the north. How are the harbors and lakes oriented? How many ridges and valleys can you count? How many did your legs register?

For the island also offers a rich geodiversity, from small to large scale; greenstones and agates, historic copper mining, a visible record of higher lake levels, glacial grooves and striations, to name a few. So while soaking your feet in Lake Superior at the end of an adventure, spare a moment to appreciate the ancient underpinnings and all of the forces that have shaped the island. It wouldn’t be here if not for geologic processes over geologic time!

Erika Vye
Geologist and Geoheritage Specialist

Along the Trail with Wilderness Stewards

Total boardwalk planks = 49.
Bridge heaved with annual freeze-thaw cycle. Drop zone for new boardwalk material located up on ridge to the west; will need to carry boardwalk material located up on thaw cycle. Drop zone for new total boardwalk planks = 49.

Windigo and North Lake Desor.
The information is vital to completing an upcoming series of helicopter plank drops, a step in revitalizing Isle Royale’s trails infrastructure for the 21st century. When Isle Royale was designated as a national park in 1931 such an operation would have been unthinkable, since park managers were busy discussing whether or not trails should even be present. In the interests of visitor safety and minimizing impacts to park resources, narrow trails were constructed and maintained, eventually stretching to the 165 miles Isle Royale hosts today.

Hiking towards Windigo, Corey and the trail crew clear out water bars and cut overgrown vegetation. The work is repetitive, but crucial to visitor safety, and the long-term integrity of the trail itself. These days, the trails division is focused not on expanding the trails system, but on maintaining and rerouting small sections of existing trails. Boardwalks are eliminated where possible, making the section easier to maintain over time.

Corey and the crew break at the Minong Ridge Overlook. The clear July afternoon offers a spectacular view of the Canadian shoreline and Lake Superior’s vast, blue water. Corey imagines the hustle and bustle of the city of Thunder Bay just across the water and is instantly thankful for the tranquility he enjoys for the half-year he works at Isle Royale. The crew seems to share these feelings: animated chatter has turned into appreciative silence. Respect for the island and a sense of responsibility to protect and preserve the park are as important to the job as the skills of trail maintenance.

Voices can be heard approaching, breaking the crew’s tranquil trance. A group of Boy Scouts appears and recognizes at once the dirt-covered green and gray uniforms of the trail crew. The questions begin. How far have you hiked today? How much does that plank weigh? Why do you like working here? Answering the last question, Corey shares that the appreciation of visitors who understand the hard work put into trails is a main reason, but that the island’s isolation, which seems to slow down time itself, is what he loves most. The scouts wave goodbye and hike on, but that the appreciation of visitors who understand the hard work put into trails is a main reason, but that the island’s isolation, which seems to slow down time itself, is what he loves most. The scouts wave goodbye and hike on, but that the island’s isolation, which seems to slow down time itself, is what he loves most.

Katie Keller
Park Ranger
Corey Process
Trails Crew Leader

— Planning for the Future —

Isle Royale continues to plan for the future. Planning efforts for cultural resources, wildlife, and moose and wolves are currently in progress. Drafts of the plans will be available online for review and comment. Public comments are a critical part of the planning process and we appreciate your continued interest in the future of Isle Royale National Park. Newsletters, updates, participation opportunities, and other information related to these plans can be found at http://parkplanning.nps.gov/IRRO.
Invader Alert – Aquatic Invasive Species

Isle Royale waters, like all Lake Superior waters, face a growing threat from the invasion of non-native species. Once species like zebra mussels, spiny water fleas and sea lamprey enter an area, they cause large scale changes in the ecosystem.

Two invasive species, the sea lamprey and the spiny water flea have already established a presence in Isle Royale waters. The spiny water flea is presently found only in Lake Superior. The park is concerned it may enter the inland lakes. Once established, its spines harm predator fish and the fleas disrupt the zooplankton population, the basic food source for many fish species.

In 2009, zebra mussels were documented for the first time. Their potential to cause catastrophic change cannot be overstated. If zebra mussels were to enter the inland lakes it is estimated that they would cover nearly every habitable surface on an inland lake floor in two to four years.

The exotic virus Viral Hemorrhagic Septicemia (VHS) has reached Lake Superior. This disease affects more than 40 species of fish including lake trout and coho brook trout. The incredible genetic diversity of Isle Royale’s lake trout would be at risk if VHS was introduced to Isle Royale waters.

Stopping the Spread – Visitor Responsibilities

Vessel owners are legally responsible for Aquatic Invasive Species decontamination prior to entering park waters (extending 4.5 miles from Isle Royale and the outer islands). This applies to all vessels (power and sailboats, canoes, kayaks, etc.), regardless of size or configuration. Please take the following steps to prevent the transport of zebra mussels and other aquatic invasive species to Isle Royale waters:

- Inspect for zebra mussels and other aquatic invaders attached to your trim tabs, swim platform, motor mounts, hull and equipment.
- Feel the hull. A coarse sandpaper texture may indicate larval mussels attached to your boat.

Remove all zebra mussels and other invasive species along with any aquatic plants from your boat, trailer and equipment. Larval mussels are best removed with a scrub brush or similar method. Treat invasives like litter. Dispose of them in a trash can.

Drain all water from your motor, livewell, bilge, transom, etc., away from any body of water.

Wash your boat, including bilge and equipment with a) hot water (greater than 104 degrees F), b) high pressure water, or c) disinfectant OR

Clean and Dry your boat and equipment in the sun for five days. Rainy days don’t count.

Check to see if your boat is coming from a port known to have zebra mussels. Duluth, Superior, Thunder Bay, Marquette, Ontonagon and Ashland all have documented infestations. If so, take extra measures to assure decontamination.

Fishing at Isle Royale

With its multitude of reefs and bays on Lake Superior and its numerous interior lakes and streams, Isle Royale provides varied opportunities for recreational fishing. A Michigan fishing license is required for fishing in Lake Superior, including narrow bays and harbors, and when transporting fish from the island to the mainland. If you are under 17 years of age, you may fish without a license. Licenses are not required to fish on the inland waters of Isle Royale; possession limits are generally the same as those set by the State of Michigan. Anglers should refer to the Michigan fishing regulations for possession limits and detailed license requirements for Lake Superior (also see the chart on page 7 for a brief guide to regulations.)

Only 24-hour licenses are available on the island and only when concession services are open. You may purchase a Michigan fishing license and download a copy of the Michigan Fishing Guide at www.michigan.gov/dnr.

Fish Conservation

How can you help to conserve and minimize damage to the Isle Royale fishery?

- Possession or use of bait for fishing within Lake Superior park waters is limited to those fish and/or fish parts caught within Isle Royale National Park waters. Transporting fish or fish parts for use as bait to the park is prohibited.
- Catch only what you plan to keep or eat. Catch and release can be damaging and stressful on fish.
- Know the minimum and maximum legal size of fish so they can be released quickly if they are too small or too large.
- If moving from Lake Superior to inland waters, change to a new spool of line to help prevent the spread of invasive spiny water fleas to inland lakes.
- Release larger fish and keep medium size fish to insure future productivity.
- Return fish to the water as soon as possible. While unhooking them, keep fish in the water as much as possible.

- Try not to handle fish, but if you need to, do so with a wet hand. Release handled fish gently by allowing them to swim from your hands rather than throwing them back into the water.
- Do not squeeze the fish or place fingers in the gills, since a torn gill can cause the fish to bleed to death.
- Remove the hook gently. Pliers work best. Cut the line near the hook if a fish is deeply hooked. A steel hook will decompose in time.
- Use only artificial lures (required in inland waters) as non-native species can accidentally be introduced by using live bait. In addition, live bait is more likely to be swallowed; resulting in more damage to fish.
- Use barbless hooks or bend down the barbs on the hooks.
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Fish Consumption Advisory

Contaminants discovered in the Park ecosystem remind us that although Isle Royale is remote, it is part of a global system. Ongoing research in six inland lakes (Sargent, Siskewit, Eva, Steshbee, Watego, and Angleworm) shows fish with mercury levels exceeding the State of Michigan fish consumption advisories.

For information on fish consumption advisories check with park staff or visit the Michigan Department of Community Health website at: http://www.michigan.gov/eatsafefish or the EPA Fish Advisory website at: http://water.epa.gov/scitech/soguidance/fishshellfish/fishadvisories

REMINDER:

- Barbless hooks and artificial lures only in all inland lakes, streams and creeks.

Special Brook Trout Regulations

Surveys indicate populations are dangerously low and may be at risk of disappearing unless protective measures remain in place. The National Park Service and Michigan DNR have implemented protective regulations at Isle Royale in order to help with the recovery of this once common fish. Brook trout can be identified by their nearly square tail and wormlike pattern on the back and dorsal fin. If you’re uncertain about the species you catch, return it to the water.

Lake Superior Waters (extend 4.5 miles out from the island)

Catch and release only for all brook trout, including all bays and harbors.

Inland Waters

Catch and release only in all lakes, streams, and creeks. Only artificial lures and barbless hooks can be used in all lakes, streams, and creeks.

Disposal of Fish Remains

Follow the following guidelines to eliminate the potential for attracting and feeding wildlife and to reduce unsightly fish remains and odors.

Clean fish away from docks and campgrounds. Do not throw remains into shallow water, or to gulls or other wildlife. To dispose of remains:

- At Rock Harbor and Windigo, please use the fish cleaning station.
- At other Lake Superior locations, the preferred method is to deposit chopped remains (pieces 4” or less) into water at least 50’ in depth.
- At inland lake sites, the preferred method is to deposit chopped remains (pieces 4” or less) into deep water via canoe. The alternate method is to move at least 200’ (75 steps) from the campground and throw chopped remains as far as possible into deep water.

Transporting Fish to the Mainland

You are allowed one day’s catch in your possession. One day’s limit may be transported via ferries or seaplane with a Michigan DNR permit while license holder remains in the park. See park website for details.
TRANSPORTATION SERVICES

FROM HOUGHTON, MICHIGAN
5-hour one-way to Arch Rock & 6-hour one-way to Rock Harbor. 10 ft., 12 passenger vessel SCHEDULE
June 8 to September 14
M, W, Th, F, Sat: 7:00 AM from Rock Harbor; 1:00 PM from Arch Rock

FROM COPPER HARBOR, MICHIGAN
5-hour one-way to Arch Rock & 6-hour one-way to Rock Harbor. 10 ft., 12 passenger vessel SCHEDULE
June 8 to September 14
M, W, Th, F, Sat: 9:30 AM from Arch Rock; 2:30 PM from Rock Harbor

FROM GRAND PORTAGE, MINNESOTA
3-hour one-way, concession operated, 60 ft., 12 passenger vessel SCHEDULE (Central Daylight Time)
Grand Portage to Rock Harbor: 8:00 AM July 1 through September 14
Rock Harbor to Grand Portage: 1:00 PM July 1 through September 30

FROM GRAND PORTAGE, MINNESOTA
3-hour one-way, concession operated, 60 ft., 12 passenger vessel SCHEDULE
June 8 to September 14
M, W, Th, F, Sat: 9:30 AM from Rock Harbor; 2:30 PM from Grand Portage

FROM HOUGHTON, MICHIGAN
3-hour one-way, concession operated, 60 ft., 12 passenger vessel SCHEDULE
June 8 to September 14
M, W, Th, F, Sat: 9:00 AM from Rock Harbor; 2:00 PM from Arch Rock

SEALPANE
30 – 40 minutes one-way, concession operated amphibian Centre III SCHEDULE
Closed 11/15/16 through 4/1/17

2016 User Fees Payment
Pay user fees in advance at www.pay.gov. Type Isle Royale in the search box to find the Isle Royale NP Individual Daily Pass form. Bring your receipt as proof of payment to show upon arrival in park.

Isle Royale’s Recreation Fee Program Fee Categories Rate and Explanation
Daily User Fee $4.00 per person per day. Children under and infant are exempt from the fee. (See box at left)

Isle Royale’s Recreation Fee Program Fee Categories Rate and Explanation
Season Pass $50.00 (Optional): Individual
This pass is valid from April 1 through October 31 of the year indicated. The pass covers the User Fee for the person whose signature appears on the pass.

Isle Royale’s Recreation Fee Program Fee Categories Rate and Explanation
Season Pass $50.00 (Optional): Season Pass of the year indicated. The pass covers the User Fee for the person whose signature appears on the pass.

Isle Royale’s Recreation Fee Program Fee Categories Rate and Explanation
Season Pass $50.00 (Optional): Season Pass of the year indicated. The pass covers the User Fee for the person whose signature appears on the pass.

Isle Royale’s Recreation Fee Program Fee Categories Rate and Explanation
SEAPLANE
30 – 40 minutes one-way, concession operated amphibian Centre III
SCHEDULE

2016 – Your Guide To Isle Royale National Park 11
Join the Isle Royale & Keweenaw Parks Association and Support Isle Royale National Park Programs

The Isle Royale & Keweenaw Parks Association, in partnership with the National Park Service, promotes the public's understanding and appreciation of Isle Royale National Park and Keweenaw National Historical Park through education and research.

By publishing and selling products about Isle Royale National Park and Keweenaw National Historical Park, we educate people about these special places and raise funds that are reinvested in the parks to support research and interpretive programs.

Every year the Isle Royale & Keweenaw Parks Association contributes approximately $5,000 in cash and in-kind aid to Isle Royale National Park.

**YOU CAN HELP...**

You can support the work of the Isle Royale & Keweenaw Parks Association and our partner parks by becoming a contributing member of our organization. Your tax-deductible contribution will help us share the stories of Isle Royale National Park and Keweenaw National Historical Park with people of all ages, around the world.

Membership levels are:

- Life: $200 (Payable in 4 installments)
- Patron: $25
- Sustaining: $20
- Supporting: $10
- Household: $15
- Individual: $10

Member benefits:

- 10% discount on all purchases from IRKPA outlets and many other national park visitor centers throughout the U.S.
- Three issues of Wild's Eye newsletter, copies of park newspapers, The Greenstone and the Keweenaw Guide, invitations to park programs, trips, and events, and monthly e-mail park news updates.

Become a member today! Call us at 800-678-6925, or join online at [www.irkpa.org](http://www.irkpa.org).

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**BOOKS, MAPS & MORE**

Your purchases help support Isle Royale National Park!

**Isle Royale National Park:**

- Foot Trails and Water Routes $16.95
- The park's authoritative trip-planning guide. Complete descriptions for trails and waterways, including mileage, difficulty and amenities at each destination. More than 60 photos and 35 detailed maps of the park's backcountry. 4th Edition. 184 pp. Author: Jim DuFresne

- Trails Illustrated Map $11.95
- Topographic map with wilderness tips, Leave No Trace guidelines, trails, trailheads, points of interest, campgrounds, and more. Printed on waterproof, tear-resistant material with half of the island on each side. Measures 4” x 5” folded and 38” x 25” open. Scale: 1:50,000. Updated 2006.

- Hiking & Canoeing Package $29.00
- Includes book and map above, plus the park checklists of birds and mammals.

- Exploring Isle Royale DVD $14.95
- NEW PRICE. This orientation video produced by the National Park Service shows how to best enjoy the island's many attributes, including to trails, lakes, and campers. Winner of the 1995 Michigan Outdoor Writers Association Best Outdoor Travel Program. 20 minutes.

- Island Life: An Isle Royale Nature Guide $19.95
- A complete guide to the common flora and fauna of Isle Royale, in one easy-to-use and easy-to-carry volume. Over 350 species of mammals, birds, fish, reptiles, trees, and flowers, each illustrated with a color photograph or drawing. 168 pp. Authors: Ted Gastonksi & Janet Marr

- Superior Wilderness: Isle Royale National Park $16.95
- A natural history of Isle Royale for the layperson, emphasizing the ecology of the island, the relationship between its plants, animals and physical environment. Color photographs and an extremely readable text. Maps, photos, charts, illustrations. 171 pp.

- Author: Napier Shelton

- The Wolves of Isle Royale: A Broken Balance $29.95
- This classic first-hand account of the Isle Royale predator-prey study is illustrated with more than 100 photographs. The book reveals the true nature of the little-understood wolf and some of the secrets of this one-of-a-kind research project, now in its 88th year. 192 pp. Author: Rolf Peterson

- 100 Fast and Foolproof Freshwater Fish Recipes $14.95
- Mouth-watering recipes for tilapia, catfish, whitefish, trout, smelt, walleyes, perch, and more with a focus on fast and foolproof. 144 pp. Author: Henry Sinks

- Advice From Isle Royale and Lake Superior
- Take home some good advice from Lake Superior and its island wilderness with these new 5"x10" wall plaques! $9.95 Each:
  - Available: Advice from Isle Royale t-shirts, sweatshirts, magnets, laminated bookmarks, and 5.5"x8.5" postcards, and Advice from Lake Superior magnets and bookmarks.

- Guidebook to American Values and Our National Parks $79.95
- Celebrate the 2016 National Park Service Centennial with Director Jonathan Jarvis as he examines the evolution of the national park idea, featuring parks that represent more than 50 shared American values. 60 pp. Preface: Dayton Duncan

- Deer, Elk & Moose $14.95
- Based on 30 years of studying and photographing deer, elk, and moose, this book covers the natural histories and adaptations of these magnificent animals. 144 pp. Author: Stan Tekiela

- Jr. Ranger Backpack, Hat, and Vest High-quality Jr. Ranger products, designed with the young nature explorer in mind, complement our national parks' Jr. Ranger programs.
  - Sturdy, feature-rich nylon backpack $24.95
  - Poly/cotton hat with chin strap (S, M/L) $11.95
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