

Annual Report 2020

Healthy Water. Protected Places. Vibrant Communities.













Thank you to our board and staff for your passion, drive and commitment to conservation.

Board of Directors

Joe Jarecki Chair

Greg Bator *Vice Chair*

Judy Kalmanek Secretary

Chip Erwin

Paul Beachnau Rich Castle

Ned Caveney

Alex Code

Meaghan Gass

Dan O'Connor Jerry Rucker

Jerry Rucker Lisa Marie Tobin

Staff

Brad Jensen
Executive Director

Lisha RamsdellAssociate Director

Shelby Bauer Stewardship Program

Colby Chilcote

Coordinator

Marketing and Development
Director

Tonya Clayton *Office and Data Manager*

Office and Data Manager

Chris Engle

Communications Associate
Abigail Ertel

Community Program Director

Logan Hawley
Coastal Restoration Team Lead

Heather Huffstutler *Land Protection Director*

Rachel Leggett

Heartland Restoration Team Lead

Josh Leisen

Senior Project Manager

Samantha Nellis

Water Program Director

Amy Nowakowski

Coastal Project Manager

Amanda Vanaman

Huron Pines AmeriCorps Program Manager

Steve Woods *Conservation Stewardship*

Director

Jennie Zoll
Finance and Administration
Director

Our Mission

The mission of Huron Pines is to conserve and enhance Northern Michigan's natural resources to ensure healthy water, protected places and vibrant communities.

Our Vision

Conservation driven by engaged, empowered communities.



Looking Back and Moving Forward

In 2020, we learned we have a staff that defines the word resilience, a board willing to take risks to achieve major conservation wins and a growing group of supporters whose generosity enables us to carry out our mission during challenging times. That mission, to conserve and enhance natural resources to ensure healthy water, protected places and vibrant communities, was proven more important than ever before as people came out in record numbers to enjoy the waters and forests of Northern Michigan.

We entered 2020 optimistic about the future. Our board welcomed members from diverse geographical and professional backgrounds, bringing new perspectives to our work. We added two full-time staff members to our team in January and hosted a grand opening for our new office in downtown Alpena in February. Working across nearly five million acres in Northern Michigan, a growing board and staff and a second location gave us increased capacity to meet the needs of our coastal and heartland communities.

When the world came to a near standstill in March and April, we took time to reset, reprioritize and find ways to keep momentum going wherever we could. It wasn't just about how many projects we could still make happen, it was about how we would continue building relationships with the partners, supporters and communities we rely on. So much of our work happens behind the scenes — bringing stakeholders together, gathering public input, planning large-scale restoration efforts. Some of those important steps had to be reimagined in 2020 but they didn't stop. We took full advantage of the natural distance provided by so many of the special places we work. We kept restoring rivers, enhancing wildlife habitat, developing leaders in conservation and helping cities prepare for future projects.

As we moved into fall, we were able to celebrate another grand opening with the dedication of the Emily Min Hunt Preserve. We then saw a unique opportunity to protect nearly a mile of shoreline along Lake Huron just south of Tawas City. We purchased the property right before the year ended, launching a \$2.5 million campaign. Knowing we can seize an opportunity like this — and have the support to make it happen — helped us end 2020 with even more optimism about what's to come. Thank you all for making our work such a success and for helping us build a brighter future.

Brad Jensen. Executive Director

Joe Jarecki, Board Chair



Executive Director Brad Jensen cuts the ribbon to mark the official grand opening of the Huron Pines Alpena office surrounded by Huron Pines board members, staff and friends.

1 Huron Pines
Healthy Water. Protected Places. Vibrant Communities. 2

Protecting Wild Places

The Lake Huron landscape, from the waterways that flow into it to the land that surrounds it, creates the perfect backdrop for biodiversity. Forests filter the Blue Ribbon Trout Streams stretching from the heartland to the coast. Thick cedar swamps provide cover for songbirds while marshes and swales shelter shorebirds and waterfowl. The limestone bedrock of the lake's northern shore makes a perfect home for rare species like our state wildflower, the dwarf lake iris. These wonders, all rooted in Lake Huron, are part of Michigan's heritage which Huron Pines is working to preserve for the future.

In partnership with community foundations and conservation organizations in Michigan and Ontario, Huron Pines is engaging communities to activate local solutions and sustain a healthy Lake Huron as part of the Lake Huron Forever initiative. This new effort aligns with our goals to support community-driven conservation to ensure healthy water, protect wild places and build vibrant communities.

One major way Huron Pines is working to support Lake Huron's unique ecosystems is through our land protection program. Started in 2017, this program has grown from an idea to a reality and Huron Pines now owns three preserves totaling more than 650 acres. In 2020, we celebrated the grand opening of our second property with a ribbon cutting at the Emily Min Hunt Preserve in Presque Isle County. We also took on our largest land protection project yet when we embarked upon the \$2.5M Lake Huron Coastal Preserve project in Alabaster Township, just a few miles south of Tawas City.

The undisturbed forested shoreline of this preserve offers food and shelter for migrating birds while its wooded wetlands keep Lake Huron pure and clean. With its connections to nearby residential areas, the Alabaster Township Bike Path and Arboretum, and bird migration routes, this property has something to offer everyone — from wildlife to weekend visitors.

Huron Pines purchased the property in December with a short-term loan from The Conservation Fund. Alabaster Township will apply for funding from the Michigan Natural Resources Trust Fund in 2021 to purchase the property from Huron Pines and create their first township park. Even with full Trust Fund support and early investment from foundations and individual donors, Huron Pines is still seeking \$280,000 in additional funding to guarantee permanent protection and maintenance of the property. With full fundraising support, Huron Pines can transfer the property to Alabaster Township with a guarantee that it will be well taken care of, protected and enjoyed by the public forever.

Protection and stewardship of this critical coastline is the first step in securing a better future for Lake Huron.



The pebble beach and crystal clear waters of Lake Huron Coastal Preserve.



Judy Kalmanek and Karen Tetzlaff of Thunder Bay Audubon Society join Executive Director Brad Jensen and Associate Director Lisha Ramsdell for a ribbon cutting ceremony at Emily Min Hunt Preserve. Kalmanek is also a Huron Pines board member; Tetzlaff is President of Thunder Bay Audubon Society.

Preserve Highlights



Winter Wonderland

In 2020, we hosted our first winter preserve events with guided snowshoe hikes in January and February and an environmental education event in March. These were great ways to introduce new people to the preserves and connect with neighbors and other regular trail users.

One attendee, a lifelong Alpena resident, had never visited Emily Min Hunt Preserve and promised to return with her grandchildren to show them around this special place. It's our hope that experiences like these will foster connections to conservation that span generations.



Hike, Rest, Reflect

Students in Alcona High School's Geometry in Construction class built 11 wooden benches which now reside at Hubbard Lake Nature Preserve and Emily Min Hunt Preserve. Known as Leopold benches, they are the design of renowned conservationist and author Aldo Leopold.

"The idea is that they are made of natural materials and blend into their landscape, rather than jump out or catch your eye," said Heather Huffstutler, Land Protection Director. "They offer a comfortable spot for respite and reflection and are gentle on the land."



Upgrades Improve Access

Emily Min Hunt Preserve was ready for the public after some accessibility upgrades this fall. A grant from the Mr. and Mrs. O.B. Eustis Memorial Fund at the Community Foundation for Northeast Michigan paid for a sign to identify the preserve entrance and for the installation of a gravel driveway and small parking area to offer visitors safe parking away from the roadway.

The 428-acre nature preserve is located 15 miles north of Alpena on Shubert Highway and was donated to Huron Pines in March 2019 by the Thunder Bay Audubon Society. It features two miles of down-and-back hiking trail through mixed hardwoods and an old apple orchard.

3 Huron Pines

Community-Driven Conservation

Our vision for the future of natural resource protection is conservation driven by engaged, empowered communities.

Decades of experience have taught us that the most sustainable environmental impact is born out of collaborative partnerships, whether they are with a city council, a watershed coalition or a classroom of high school students. When we bring together conservation knowledge and local perspective, we can build shared goals to address community and environmental needs.

In 2020, we brought together community residents in Alpena, Cheboygan and Rogers City to lay the groundwork for projects seeking to protect and improve water quality along the Lake Huron coast.

At these community visioning sessions, data sets were combined with personal knowledge to drive green infrastructure planning for each city. Participants learned about the negative impact that excess stormwater runoff can have on water quality in the area's streams, lakes and wetlands.

This was demonstrated at a workshop in Rogers City where participants pored over a stormwater map of the city, pointed out areas of concern based on their personal experiences and brainstormed potential solutions together.

"As the group rallied around their common passion for Lake Huron you could feel the energy rising in the room," Water Program Director Samantha Nellis said of the March meeting in Rogers City. "By the end, not only had we identified specific projects to collaborate on but some of the participants were congratulating each other. The connections we have to nature are complex but we can accomplish so much by working together."

These meetings are also critical for securing future funding. Management plans are one step in the ongoing process of identifying problems, developing solutions and attracting the help needed to improve the quality of life in an area. Through the years, Huron Pines staff have been able to use those plans to leverage funding so that every local dollar brings in \$10 of investment from outside the region.

"The success we see now with our river restoration program was born out of watershed management plans and inventories we conducted over 20 years ago," said Executive Director Brad Jensen. "That work has paid off with the completion of millions of dollars in restoration projects. Taking the same approach with land protection, stormwater runoff and invasive species is part of how we'll continue making Northern Michigan a better place in the years to come."



Participants study a stormwater map of Rogers City during a March 5 green infrastructure workshop led by Community Program Director Abby Ertel (right).

Funds from the National Fish and Wildlife Foundation Sustain our Great Lakes Program will support the engineering, design, construction and materials for green infrastructure projects along the coast in 2021 and beyond. Additional funds from the Saginaw Bay Watershed Initiative Network will support projects in Au Gres specifically and help launch a pilot program to showcase and formalize community commitment to Lake Huron protection.

"We have a lot of momentum building along the coast with the initial funding in place to connect physical project work back to the community," added Abby Ertel, Community Program Director. "We love putting projects in motion and seeing those successes. What we love even more is seeing local leaders and residents pick up the banner for natural resource protection and inspire community action."

"The connections we have to nature are complex but we can accomplish so much by working together."

Forever Starts Today



Water Program Director Samantha Nellis situates native plants in a bioswale designed to capture and filter stormwater at Au Gres Riverside



Conservation Stewardship Director Steve Woods gives staff instruction on chainsaw operation to remove invasive Scotch pine as part of Duncan Bay wetland restoration

The Lake Huron Forever initiative focuses on the intersection between people and place. A healthy Lake Huron depends on a healthy landscape defined by thriving native plants and wildlife. With a changing climate, aging municipal infrastructure and increased public use, the land across Northern Michigan requires stewardship and protection. It needs people to take action. We all play a part in keeping Lake Huron protected, whether it's by brushing our boots to prevent the spread of invasive species or planting native gardens to filter stormwater. Here are two places where community and environment are coming together to make a positive impact.

With 294 unique species, Cheboygan's Duncan Bay is one of the most ecologically diverse communities in Northern Michigan. Its wetlands serve as a giant filtration system to improve the quality of water that enters the bay and Lake Huron.

Huron Pines secured funding from the U.S. Fish and Wildlife Service and National Fish and Wildlife Foundation for the purchase and maintenance of over 3,500 feet of Lake Huron frontage on Duncan Bay in 2017. That property is now protected forever as part of the Little Traverse Conservancy (LTC) preserve system. Huron Pines continues to partner with LTC to steward the property.

In 2020, Huron Pines removed invasive honeysuckle, Scotch pine, common and glossy buckthorn and Japanese barberry to support wetland restoration. Removing invasive plants is essential to support the habitat of native species including the over 2,000 plants that were installed at the property by Huron Pines in 2019.

Reducing polluted stormwater runoff before it can reach Duncan Bay is one way the Cheboygan community is getting involved in maintaining the health of their water and natural resources. In 2020, Huron Pines presented to the The Duncan and Grass Bays Watershed Plan Advisory Committee and partnered with Tip of the Mitt Watershed Council on a workshop for their series addressing stormwater management in Cheboygan.

At the southern end of our service area, Huron Pines supported the efforts of Au Gres-Sims students to design and install a bioswale at Riverside Park. The 600-square-foot garden captures and filters stormwater runoff with the help of native plants.

"They started with a rain garden on school grounds in 2019 which was a huge accomplishment," said Samantha Nellis who supported the students in their efforts. "This new project was an even bigger undertaking requiring more complex design, community input and partnership with the city. Months of planning, learning and collaborating, led to this real-life example of green infrastructure in action. It's really powerful that the students and community members can see their conservation efforts at work every time they visit the park."

Brighter Days for Brook Trout

Two projects in Montmorency County headlined our river restoration work in 2020. The first eliminated the last major obstacle for brook trout on the East Branch Black River, the second reconnected 11.5 miles of Gilchrist Creek, a coldwater tributary of the Thunder Bay River.

Down a dusty back road northwest of Atlanta, deep in the heart of wild elk country, Northern Michigan's finest brook trout stream is finally flowing free now that its last troublesome road/stream crossing has been restored.

Our first major restoration project of the year tackled an undersized culvert that, for decades, choked the East Branch Black River at County Road 622 about seven miles west of Atlanta. Known as the Shingle Mill Crossing among anglers who fish these renowned reaches, a narrow pipe culvert there kept brook trout from accessing 20 miles of vital nursery and refuge habitat upstream. On top of that, spring floodwaters that were unable to pass through the crossing often washed over the roadway, causing damage and sending silt into the stream which buried gravel beds where aquatic insects — a main food source for those famed fish — live and lay their eggs.

In May, that 9-foot-wide rusted steel culvert was pulled from

the river to make way for a 27-foot arch. To accomplish this, contractors routed the East Branch around the site with a temporary stream channel in order to pour concrete footers and build the new aluminum structure in its place.

Weeks later, for the first time in decades, the East Branch was flowing unhindered under County Road 622. The bottomless arch design allows the natural river bottom to continue all the way through the crossing, giving the East Branch and its trout little indication there's a road above.

Senior Project Manager Josh Leisen said this project promotes a healthier and more resilient population of wild brook trout in what is now one of the most intact watersheds in Northern Michigan. With better access to cold, spring-fed spawning and refuge habitat upstream, brookies are better able to survive environmental stressors like hotter summertime temperatures in a changing climate.

"As a fisherman, I have a special place in my heart for wild and native fish," he said. "It's rewarding to know I'm doing something to make sure brook trout are here long into the future."

Carol Rose, current chair of the Michigan Natural Resources Commission, used to lead the Upper Black River Council, a partnership of people and organizations including Huron Pines who work to restore and protect the watershed. The council was formed in 1993 by Bud Slingerland, the retired state

"It's rewarding to know I'm doing something to make sure brook trout are here long into the future." representative who lived and fished daily at his cabin a stone's throw from the Shingle Mill site, making this place "Bud's Bridge" to those like Rose who knew him.

"This crossing is so close to his former homestead which is now owned by the people of Michigan," Rose said in July. "Anyone can visit the 'Slingerland Reach' and fish the same stretches as Bud. This restoration has been long awaited and Bud is smiling up there now."

Leisen called the Shingle Mill project "a true team effort" supported by the U.S. Fish and Wildlife Service National Fish Passage and Partners for Fish and Wildlife Programs, Walters Family Foundation, Montmorency County Road Commission, Huron Engineering and Surveying, Inc., MacArthur Construction and the Upper Black River Council.



The former culvert at the Shingle Mill Crossing



The new 27-foot arch structure during the installation phase.



The finished product which restores a more natural flow to the East Branch Black River and connects trout to 20 miles of upstream habitat.

Standout Stream Reconnected in Thunder Bay Watershed

By July, in the opposite corner of Montmorency County, three undersized pipe culverts in Gilchrist Creek were being traded for a timber bridge.

Among the coldest tributaries of the Thunder Bay River, Gilchrist Creek is one of the few places in an otherwise warm watershed where brook trout occur. But like the Shingle Mill site, the three, 6-foot culverts at Harwood Road were a barrier for fish and caused similar issues with flooding and erosion during heavy rain and spring thaws. Additionally, road commission crews often had to remove logs and other debris that further hindered the river flow when they accumulated on the upstream side of the crossing.

For this crossing, Huron Pines chose a 32-foot timber bridge to span the full width of Gilchrist Creek. Associate Director Lisha Ramsdell said a timber bridge was the right fit for the site.



Gilchrist Creek at Harwood Road consisted of three undersized culverts, restricting river flow and fish movement.

"It blends in really well with that rural setting and landscape and crosses a beautiful stretch of river surrounded by woods," she said. "It conveys a natural feel and that's what we want to do at these road/stream crossings, where manmade and nature intersect. A timber bridge, in a way, punctuates the natural setting."

This timber bridge is the first of four bridges Huron Pines has planned within the watershed of the Thunder Bay River to address fish passage and flooding issues. The Thunder Bay restoration initiative will continue in 2021 and 2022 with three more timber structures planned on streams southeast of Atlanta.

Ramsdell said the Harwood Road site was first on the list because it was also a priority for the Montmorency County Road Commission who wanted to address ongoing issues with maintaining that crossing.

"It conveys a natural feel and that's what we want to do at these road/stream crossings, where manmade and nature intersect."

"This was one of the most cost-effective sites to do and was also the site that the road commission was most interested in to reduce maintenance," she said. "After having long-term



The new timber bridge spanning Gilchrist Creek.

relationships with our road commissions, they understand the positive impact these projects have on our natural resources. In turn, we have a better understanding of what they need in terms of road maintenance and safety."

The Harwood Road timber bridge project was funded by the National Oceanic and Atmospheric Administration (NOAA) through the Great Lakes Restoration Initiative, Walters Family Foundation, Great Lakes Fishery Trust and the U.S. Fish and Wildlife Service National Fish Passage Program, with in-kind support from the Montmorency County Road Commission.



Andrea Foster of The Little Forks Conservancy (left) and Jennie Zoll of Huron Pines carry a timber beam for a new footbridge at a Midland nature preserve.

Helping Hands

On the morning of Sept 25, a dozen Huron Pines AmeriCorps members gathered for a day of service to assist The Little Forks Conservancy after devastating flooding, caused by dam failures in May, destroyed trails and scattered debris throughout the conservancy's Forestview Natural Area.

"Little Forks needed the help and we were there," said Jennie Zoll, Director of Finance and Administration. "One of our members is from Midland and was serving with Little Forks so it was nice to be able to show up and help even if it was only for one day."

Over the course of the day, Huron Pines AmeriCorps members built a new footbridge where the old one had been torn away by the Tittabawassee River. They amassed enough tires, splintered lumber and mangled metal gathered from the forest to fill a 30-yard waste container.

In an upended year, this was one of few opportunities for Huron Pines AmeriCorps members to be together in person and work toward a common goal. This was also the first event organized by Amanda Vanaman, who was hired as Huron Pines AmeriCorps Program Manager in August.

"What our members were doing that day was not just helpful and important for Little Forks but an opportunity for us to have a shared experience," Vanaman said. "My highlight was getting to see how much they were able to accomplish by working together."

"I believe every generation is judged by the negative few," said Chuck Martin, board president of The Little Forks Conservancy, as he recounted that day. "We should judge generations on how positive and powerful they are. This one is going to change the world in many positive ways, and the fact they came together to help us out is a powerful sign of that."



Huron Pines AmeriCorps Program Manager Amanda Vanaman and member Nick Theisen work together to roll a tire out of Forestview Natural Area.



Huron Pines AmeriCorps member Joe Dewan and Associate Director Lisha Ramsdell measure planks for a bridge deck.

Huron Pines Healthy Water. Protected Places. Vibrant Communities. **10**

There's No Place Like Home

Through thoughtful prioritization, planning and execution, Huron Pines protects and restores some of Northern Michigan's most iconic places including the jack pine plains of the Au Sable River, the dunes of Negwegon State Park, the shores of Lake Huron and the depths of the Pigeon River Country State Forest. These wild places provide the ideal habitat for threatened and endangered species like Hine's emerald dragonfly, piping plover, Pitcher's thistle, eastern massasauga rattlesnake and Kirtland's warbler.

The process includes monitoring habitats from the heartland to the coast to inventory and report existing and emerging invasive plant species, understand the impact a changing climate is having on local vegetation and wildlife and prioritize action based on this carefully collected data.

In the same way our river restoration work across Northern Michigan is the culmination of years of information gathering and planning, the decisions we make about our land stewardship efforts are also based on extensive data collection by our staff, partner organizations and citizen scientists. The more information we have, the easier it is to prioritize where we should focus our efforts and accurately estimate the time and resources necessary to make the biggest impact on the region.

In 2020, to better meet the demands of our region, we reorganized our 12-county invasive species network into two separate networks, each with their own coordinators and field technicians, to provide greater capacity and better services tailored to the unique needs of each landscape.

Working collaboratively, partners in the Huron Coastal Invasive Species Network and the Huron Heartland Invasive Species Network engage communities and lead them in a strategic, coordinated approach to invasive species management, including awareness, prevention, control and restoration. We envision a Northern Michigan where native plants and wildlife thrive, unencumbered by invasive species, and healthy ecosystems enrich the quality of life in the region.

Prioritizing Critical Habitat

From June to September, our invasive plant inventory and treatment work took us to parts of Northern Michigan that are home to some of the rarest plants and animals of the Midwest. Among these places were the 147,000-acre Camp Grayling National Guard training facility that spans Crawford and Kalkaska counties and the 4,118-acre Negwegon State Park on the border of Alcona and Alpena counties.

During our visits to distant corners of the Camp Grayling property, we came across two species of concern — Voss's goldenrod and an eastern massasauga rattlesnake.

The federally threatened rattlesnake was spotted swimming across a small stream while the field crew was collecting invasive species inventory data. Keeping this close encounter fresh in their minds, they conducted careful treatments throughout the season to ensure minimal impact on the surrounding environment for the sake of this species.

The stewardship team also spotted Voss's goldenrod near Howes



Heartland Restoration Team Lead Rachel Leggett kneels beside a Pitcher's thistle growing on a shoreline dune of Negwegon State Park in June.

Lake during their inventory and treatment of reed canary grass, an invasive species that is in direct competition with the native goldenrod found only in two counties in Michigan. To avoid any potential for collateral damage to this species, they switched from spray treatment of reed canary grass to hand-swiping the invasive plants in that area.

Our ongoing work at Negwegon State Park focused this year on the restoration of lakeshore habitat for the federally threatened Pitcher's thistle.

For most of its life, the Pitcher's thistle is a wispy tangle of stems branching like antlers into slender leaves. Below ground, the plant sends a taproot 6 feet down, stabilizing beach sands as it searches out nutrients. In its final summer, it puts on a show of pale pink blossoms, pollinates, makes seed and dies. This life cycle, evolved over millennia and specialized to a handful of places around lakes Huron and Michigan, is not compatible with the relatively recent arrival of invasive species, shoreline development and climate change.

"The coastlines of our service area are at the very top of the list for us in terms of Michigan's at-risk natural resources," said Steve Woods, Conservation Stewardship Director. "There's a disproportionate number of rare and threatened species along



Conservation Stewardship Director Steve Woods (left) and Sue Keller of Friends of Negwegon State Park survey the dunes for federally threatened Pitcher's thistle.



Huron Pines staff was able to snap this photo of a passing eastern massasauga rattlesnake during restoration work at Camp Grayling.

the Lake Huron coast and the Pitcher's thistle is representative of that. To start their recovery, we want to focus our work in the places where they still exist."

Our stewardship team surveyed 3.5 miles of Lake Huron shoreline at Negwegon and recorded precise GPS locations where these plants were found growing among the park's sugar-sand dunes. These coordinates informed our efforts throughout the summer to remove invasive spotted knapweed growing within a 50-foot radius of each Pitcher's thistle, giving the silver-green plants and their seedlings room to grow in the absence of knapweed's toxic roots. We also treated invasive phragmites along the same stretch, ensuring that natural wind and wave action will continue building the dunes that Pitcher's thistle calls home. In all the world, this species is found only on a few shores of the Great Lakes.



Purple loosestrife, an invasive species which grows along riverbanks and competes for resources with native plants.

Covering More Ground with Citizen Science

With 12 counties to inventory and monitor for invasive species, the staff of Huron Pines can use all the help we can get. That's why we've been training volunteers and organizations across the region to equip them with the tools they need to identify and report invasive plants in their communities.

Online and in person, we trained more than 40 individuals in 2020 on how to identify the most common invasive plants, monitor and record data and report their findings to the Midwest Invasive Species Information Network (MISIN). Serving as a database for the entire Midwest, MISIN aggregates this information and alerts Huron Pines when invasive species are reported within our service area so that we can prioritize where next to take action.

Healthy Water. Protected Places. Vibrant Communities. 12



Chris Engle, Communications Associate



Shelby Bauer, Stewardship Program Coordinator



Amy Nowakowski, Coastal Project Manager



Colby Chilcote, Marketing and Development Director

From the Pigeon River Country State Forest to the shores of Lake Huron, the entire Huron Pines staff played a part in our field season.

"There's a disproportionate number of rare and threatened species along the Lake Huron coast."

We Get Around

By land and by sea, we racked up the miles in 2020.

Stewardship Program Coordinator Shelby Bauer and Coastal Restoration Lead Logan Hawley fired up their four-wheeler for the first half of a 2-year effort to survey 700 miles of motorized trails and 65 forest campgrounds for invasive plants. Data gathered during this inventory will help drive our future work to restore these recreation areas so that native plants and wild-life can flourish. This project, funded by the U.S. Forest Service's Cooperative Weed Management Area program, covers Crawford, Montmorency, Ogemaw, Oscoda, Otseqo and Roscommon counties.

They also looked at sites where trails intersect streams to help determine whether future projects could restore those waterways with improved crossing structures.

"I've been surprised at the variation in terrain and habitats I encounter in one trail loop," Bauer said. "It has really been a unique and different way to experience Northern Michigan."

For our surveys within the Thunder Bay River Watershed, we relied on a mix of kayaks, canoes and motorized boats to search out and document invasive species and areas where streambank erosion is occurring.

"There's no better day than being in a kayak for work, no matter how many logjams, portages or mosquitoes there are," said Coastal Project Manager Amy Nowakowski, who conducted surveys by kayak on the upper Thunder Bay River near Hillman. "It's interesting to see how much the watershed changes from the upstream to downstream sections. I find this kind of work really rewarding."

In 2020, we surveyed 22 miles of the Thunder Bay River and 60 miles of shoreline at Hubbard Lake, Lake Winyah and Fletcher Pond.

"It was humbling to experience how much work goes into surveying these shorelines for invasive species," said Communications Associate Chris Engle. "I saw firsthand the negative impacts they can have on the landscape and how important it is that they be kept under control. These were long days but I felt good about the work we accomplished."

Our inventory of the Au Sable River covered more than 160 miles of the North Branch and Main Branch by canoe, kayak and waders. Sometimes lasting 10 hours, these long days took us through some of the most scenic stretches of water Northern Michigan has to offer and also gave us a hard look at areas where our future treatment work will need to be focused.

Field Trip Report

We ditched the school bus but kept the brown bag lunches. This year's annual board and staff retreat sent the group on three field trips to visit past, present and future Huron Pines project sites across Northern Michigan.

The **South Coast Adventure** featured stops at Oscoda's Tuttle Marsh, the East Tawas dock and the Lake Huron Coastal Preserve property in Alabaster Township. **Foray Into Pine Barrens** explored two very different habitat management strategies within the Huron-Manistee National Forest. **Northbound Adventure** took the group through Cheboygan's coastal wetlands, to the site of the 2018 restoration of Milligan Creek and on to the Trout River Dam and Herman Vogler Conservation Area in Rogers City.

The trip also marked the first day of work for Huron Pines AmeriCorps Program Manager Amanda Vanaman and Office and Data Manager Tonya Clayton.

"My first day on the job started with a hike in the jack pine forests near Mio," Clayton said. "For someone who spent most of my working life waiting until after work to be able to go for a walk or a hike, this was a special treat."

Board member and Alcona Community Schools superintendent Dan O'Connor took part in the South Coast Adventure. New to the board, he said the chance to have face-to-face conversations with his colleagues outdoors was "a welcome and valuable experience."

"Visiting the Alabaster Township property was particularly inspirational," he said. "What an amazing opportunity for the community to preserve that piece of Lake Huron shoreline. I'm grateful to be a part of these projects that Huron Pines is doing."



Northbound Adventure to Duncan Bay





South Coast Adventure at Tawas State Dock

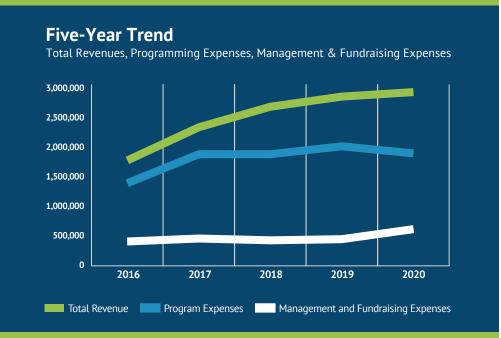
Healthy Water. Protected Places. Vibrant Communities. 14

Financial Overview

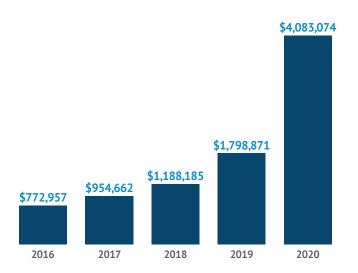
2020 Financial Report

Working closely with communities and building partnerships has expanded the scope of our work over the last five years with new program areas like community engagement and land protection. It has also led to larger environmental impact and more holistic and long-lasting change.

"As our focus on community-driven conservation has grown, so has our support from businesses. foundations and individuals" said Colby Chilcote, Huron Pines Marketing and Development Director. "Our work can't happen without community support. It's inspiring to see so many people take action to protect our region."



5 Year Net Assets



Since our land protection program was established in 2017, Huron Pines has acquired three preserve properties, significantly increasing our organizational assets. It has also led to increased stewardship and engagement opportunities.

A full 990 financial report is available upon request.

2020 Program Expenses



Thank You to Our 2020 Supporters

With deepest thanks to the government agencies, foundations, businesses, organizations and individuals who made our work possible in 2020. Your grants, sponsorships and donations protect the most special places across Northern Michigan.

Elizabeth Abood-Carroll and David Carroll

Guy and Angie Adamec

The Adamo Family

Glen Adams

Lindsey Adams

Ruth Addis and Mari Schloff

ADJ Forest Products

Regina Amidon and Richard Bryan From the Regina Amidon/Richard Bryan Charitable Fund at Bank of

America Charitable Gift Fund Bill and Debi Anderson

Kirk and Carol Anderson

Robert Andrus

Ann Arbor Trout Unlimited

Anonymous (9)

The Cathy and Bob Anthony Fund at the Community Foundation for Southeast Michigan as suggested by

Mr. and Mrs. Robert L. Anthony IV Au Sable Dunes Homeowners Association

Au Sable North Branch Area Foundation

Au Sahle River Watershed Committee

The Richard L. and Marilyn K. Augustine Foundation

from the TIAA Charitable Giving Fund

Denise Aungst

Richard and Marilyn Bachelor

Frank Baker

Eric Bankhead and Connie Schrieber

George Barker

Al Bartow

Bay Area Community Foundation

Bay City Hunting and Fishing Club

Tiffany and Mark Beebe

John Bell

Karl Benghauser

Betty Bennett

Besser Foundation

David and Elaine Billmire

Sally Binard

Black Lake Preservation Society

Mary and Timothy Blackwood

Tim Blanchet

Carol Bocetti Barbara Bollin

Richard and Marie Bracci

Bradford Lakes Association

Ben Bravo

Douglas and Kathryn Brehm

Larry and Joanne Brock Don and Patricia Brown

Michael H. and Bernice A. Brown

Carl Ruchner

Gerald and Rose Burke

Jim and Gina Burke

Don and Kathy Burkley

Brenda Butch

Leonard and Maureen Butski

Al Cambridge

Richard and Marsha Carlson

Brian and Janet Carson

Richard Castle

Anne and John Cauley

Ned Caveney

Cedars for the Au Sable

Cheboygan Brewing Company

Colby and Tim Chilcote Citizens National Bank

Michael A. and Sandra S. Clark

Community Foundation for Northeast Michigan

Mr. and Mrs. O.B. Eustis Memorial Fund

Northeast Michigan Women's Giving Circle Fund

Pam and Tom Conquest

Brian and Erin Considine

Tom Cook and Anna Owens Bruce E. and Lisa Cooke

Cor de Holistic Care

Frank and Kathy Cordray

Corporation for National & Community Service

Robert and Judy Cosgriff

Richard and Rebecca Counsellor

County of Otsego

Bob and Gay Courtois

Mary M. Cox

Kathy Crawford

Richard and Penelope Crawford

Norma Crouch

Michael and Terri Cwik

Anne and Daniel Danosky

Tracy D'Augustino Doug and Patty Davidson

Justice Alton T. Davis and Sandra Kay Shellfish Sandra Davy

John Dempsey and Margo Lakin

Ken and Teresa Dennings

Dan and Kandy Dennis

William R. and Mary Elizabeth Derwin Janiene DeVinney

Patrice DeVinney

Nancy Dextrom Michael and Darcy Dombrowski

Patricia Donath Brian Doughty

Douglas Drouillard

DTE Energy Foundation Susan Duncan and Larry Van Wagoner

Bob and Linda Eder

John Edwards

Elizabeth, Allan & Warren Shelden Fund

Enhance, Inc.

EPA Environmental Justice Collaborative

Problem-Solving Cooperative Agreement Program

Roger and Dagmar Eriksson

Abigail and Patrick Ertel The Chip and Betsy Erwin Family

Kathy Erwin and Dirk VanKoughnett

Richard E. and Dixie L. Erwin Family Fund at The

Chicago Community Foundation

Pam Estep

Larry and Pat Farris

Ruth Favro Larry and Vickie Fields

Michael Fields Fischer Insurance Agency

David Fisher and Esther Cavendish-Fisher

Jane A. Fitzpatrick Barbara and Eugene Fleming

Robert Flickinger Valerie Flood

Christopher and Laura Fluke Flygirls of Michigan, Inc.

Mike and Maureen Foresman

Linda and Oz Forreste Sharon Fortner

Barbara Fosmire

Jim and Sue Francis

Dale and Sandy Franz Belinda Friis

John and Wendy Frye

Samuel and Linda Gabby Paul Gambka

Tim Ganton

T. Eduardo and Maria Garcia

Edward Garcia-McDonnell and Sarah McDonnell

Jim and Judy Gaskell

Meaghan Gass

Elizabeth Gauthier-Rabaut

Noelle George Robert Gillenwater

Mark and Kelly Gilling

Rusty and Elizabeth Gowland Chris and Elaine Graham

Mike and Christine Grant Great Lakes Fishery Trust

Great Lakes Restoration Initiative Tom and Joann Green

Jeff Greene

Ken and Elizabeth Gribble Ion Griffin

Peter and Virginia Gustafson

Hack Family Foundation, Jan and Talbot Hack, from the Raymond James Charitable Endowment Fund

Rick and Robin Hagopian

Beach and Marianne Hall from the Hall Fund for

Northeast Michigan at the Community Foundation

for Northeast Michigan

Genevieve Hartwig Mary Haws

Blair and Sandra Marie Headrick

Michael Heath James and Rebecca Heindl

Jerry Heinrich

Pamela Heintz

Dick and Judy Henry

Healthy Water. Protected Places. Vibrant Communities. 16

Gregory and Cecilia Bator

Carol Brand

Healthy Water

Education and Engagement

Patrick and Deborah Hentschell Patrick Heraghty Jennifer and Jason Hill Scott and Cynthia Hill Thoralf and Victoria Hoelzer-Maddox Patrick Hogan Michael and Susan Horner Hougen Foundation Stan and Teresa Hubbell Carl and Vicki Hueter Heather Huffstutler Drs. Bruce Hull and Margaret Mitchell Huron Engineering and Surveying, Inc. Mike and Sue Inman Mark Isken Elizabeth Jacob Kurt Jagoda Jansen Family Jim Jarecki loe and Judi Jarecki Brad Jensen and Rebecca Benson Jerry Jensen Jim and Wendy Johnson Marty and Ellen Jones George Jury Elizabeth Juziuk Judy Kalmanek Jessica Kane and Alexander Code Sue Keller **Emily and Robert Kemnitz** Matthew Kersey George and Linda Killat Nicholas Kissau Mr. and Mrs. Herb and Linda Klingel Kohnert Family Fund at Otsego Community Foundation Wayne and Marcia Koppa Jennifer and Michael Koralewski Mark and Marie Koski Carol Kugler Jim and Barbara Kurbel William Kusey John and Jessica Kusku Peggy Kusnerz Tom Kuszak Jerry and Susan La Vanture Michael W. Lakatos Lake Horicon Corp. Bernard and Nancy Lamp Joshua Leisen Yvonne and Helga Lentner Leon P. Martuch Chapter of Trout Unlimited Graham Lewis Leif and Lois Lindblom John R. Lindsay **Bob Linsenmar** Elizabeth Littler Jenny and Anton Llakmani Roger Loding Long Lake Improvement Association Don and Wanda Lord Robin-Marie and Terence Loucks Guy and Barbara Lovelace The Frank W. Lynch and Roberta Jane Lynch Endowed Family Fund at the Community Foundation for Southeast Michigan as suggested by Ms. Sally L. Binard M&M Excavating Inc. Megan Machiniak

John and Nancy Marshall Lois Marshall Sally Marshall James Maslanka and Catherine Giebel Randy and Jeanette Mateer Mike Mathieu Diane and Glen Matthews Mayfair Plastics Greg and Diana McComas Cheryl McCormick Timothy McKay Rick and Anne Meeks Tim Meglio Noreen Mehlhose Judy Merrill-Smith James and Andrea Mertz Michigan Overboard Michigan Community Service Commission Michigan Department of Natural Resources Aquatic Habitat Grant Program Dam Management Grant Program Fisheries Habitat Grant Program Forest Stewardship Program Habitat Improvement Fund Michigan Invasive Species Grant Program Wildlife Habitat Grant Program Michigan Department of Technology, Management and Budget and Military and Veterans Affairs - Camp Gravling William D. Middleton Hank and Terri Milius Ann Miller Gina Miller and Jeramy Katchuba Herman Miller Charles and Linda Mires Anne Mobley Mike Monroe and Candace Henig-Monroe Montmorency County Conservation Club John and Connie Morgan Robert and Cynthia Morgner Jon and Elizabeth Moshier Guy T. Moulthrop Glenn Muhr Thomas G. and Rosemary Mullaney Tom Mundt Sandra Murphy Phil and Lora Myers Marty and Cathy Nagle Lawrence Nanni and Kathryn Frisby David and Nancy Neal National Fish and Wildlife Foundation Sustain Our Great Lakes Program National Oceanic and Atmospheric Administration NOAA Great Lakes Bay Watershed Education & Training Program NOAA Restoration Center Patty Neuman

Gary Neumann

Northern Family Dentistry PLLC

Otsego Community Foundation

Mr. and Mrs. William D. Palmer

Michael and Donna Parr

Christie and Mike Perdue

America Charitable Gift Fund

Anna Owens and Tom Cook Charitable Fund at Bank of

Daniel and Ashlie O'Connor

Les Nixon

Mary Jo Oke

Janet Opdyke

Oscoda Canoe Rental

William Paquette

John Peppler

Robert and Mary Lou Petrach Barbara and Alan Pfau Charles Pfeffer Don and Sis Pierce Paul and Lisa Pietrzak Jack and Ruth Pilon Ben and Kris Pinti Tony and Melanie Pitts Joseph and Carole Plunkey Alice and Chris Porter Jeff and Tina Precup Roy and Cindy Prentice Presque Isle Electric & Gas Renee Priest Edward and Mary Proctor Robert and Jean Radin Keith Radwanski and Erin Fanning John Ragan Lisha and Mark Ramsdell Kurt Ranka William Rapai Diane and Robert Reeve Virginia Reichenbach Gregg S. Resnick, D.D.S. Dave Reynolds Mark Rice Theresa Richter Bill and Katie Robertson Steve and Karen Rodock Roscommon Auto Recyclers, Inc. Paul and Carol Rose Rosinski Inspections, LLC Keith Ross Katherine Roth Dr. and Mrs. Nathaniel H. Rowe Jerry and Fran Rucker Ruffed Grouse Society Katharine Ryan Saginaw Bay Watershed Initiative Network (WIN) David R. and Maureen Sanders Mary Sanders Neil and Ioni Satovsky Tony and Jill Scarzo Roland Schaedig James and Dorothy Schramm Glenn and Moon Seagren Robert and Marcia Seaman Alan Seiferlein **Bill and Denise Semion** Pete and Kimberly Sermo V. Carl Shaner George Shaw and Bonnie Marsh Louise and Ronald Shoksnyder Eric R. and Laura Showalter Chris Siciliano Peter Simpson Jerry Smith and Linda Arlt-Smith Robb and Christine Smith Stewart and Carol Smith George and Elizabeth Smojver Harold Sorenson Ronald H. and Kristin A. Sorgenfrei Michael and Suzanne Sorrentino Renee Soultanian

Joey Spano

Robert and Jane Sparks

Bob and Jane Spence

Barbara Spuhler

Jenny Stanczyk

Donette and Gary Spiekerman

Marshall and Andrea Stageberg

Pat and Vicki Springstead

Joseph Wildberg

Richard Wolff

Patricia Woods

Mary Workinger

Ron and Gail Young

Scot Woods

Lisa Yarema

Lyssa York

Roderic and Ruth Wiley

Roger and Carol Witherbee

Stanley and Linda Yolkiewicz

Walter Stansbury Bill and Charity Steere Joe Stevens Daniel and Jeanne Stock Philip Straley Straley Lamp & Kraenzlein PC Bob and Debi Stuber Mary Beth Stutzman Sundew Environmental, LLC Michael and Peggy Supernault Joseph and Jane Swallow Fred and Carole Swinehart Colleen and Norman Tabaka Diane Taber Ron and Dorothy Tank Andrew C. Tarkington DDS Tawas Beach Club Chuck and Karen Tetzlaff The Carls Foundation The Conservation Fund The Storyteller's Night Sky The U.S. Endowment for Forestry and Communities. Inc. supported by the United States Environmental Protection Agency and Natural Resources Conservation Service Ann Thibodeau-Ashford Ivnn Thompson Peter and Suzanne Thomson Thunder Bay Audubon Society Tom Trevillian Jay and Bev Trucks Sean Turner Tyler Family Fund at Fidelity Charitable U.S. Fish and Wildlife Service Coastal Program Great Lakes Basin Fish Habitat Partnership National Fish Passage Program Partners for Fish and Wildlife Program U.S. Forest Service Good Neighbor Authority Huron-Manistee National Forests of the U.S. Forest Services, U.S. Department of Agriculture Douglas and Deborah Vandenberg Eric VanPoucker and Ronald J. Smith Verizon Foundation employer match via a gift from Maureen Foresman Donn Waage and Virginia Housum Robert and Elena Wakeman Phillip R. and Nancy A. Walters Walters Family Foundation Walters Family Fund, A Fund of American **Endowment Foundation** Larry and Mariorie Warner Sarah Waters Matthew Watkins Patricia and Mark Watkins James R Weeks Jr Michael Wells Dr. Stephen and Karen Werner Chuck Wheeker

Thomas and Carol Young Nicholas and Jill Zielinski Jennie and Mike Zoll Melissa Zoll In Honor Of Gifts made in honor of the names in bold Colby Chilcote From Helen Tull Malcolm Coon From Robert and Mary Louise Tarkowski Betsy and Chip Erwin From the Erwin/VanKoughnett Family Fund at The Chicago Community Foundation Larry Farris From Kevin King Elizabeth Finneran From Charles, Katherine and Mikayla Finneran www.harrisvillenatureclub.com From Frank and Marilyn Ansey From Sue and Barry Kelle Huron Pines work at the Tawas Beach Club From The Love Family Cottage Joe & Judi Jarecki From Dale and Sandy Franz Mr. Howard Johnson From Dr. and Mrs. Nathaniel H. Rowe Laura Justin From Jim and Linda Gregart Judy Kalmanek From Jim and Judy Gaskell Mike Luke From Deirdre Curran and Roger Anderson Kyle Makowski From Krissi Xenakis Glen and Diane Matthews Happy 50th anniversary. We love you. From Eric, Allen, Jesse and Liz My family From Anonymou Lisha Ramsdell From Bob and Gay Courtois Jerry Rucker Happy birthday!! From Jen, Tony, Nina, Sam and Sadie Connie Schreiber From Fric Bankhead of us! From Larry and Mariorie Warner From W.K. Kellogg Foundation two times matching gift program via a gift from Terry and Ruth Ann Hoiles James Szczukowski From Susan Szczukowski **Ted Thomas** From Ralph and Nancy Rucinski Upper Black River Council From Ross Nave **Emily Vogelgesang** In honor of your years of dedication to Northern Michigan's students, stewards and wild places. Thank you

From Heather Huffstutle

From Emily Vogelhei

From Nelson Levinas

In Memory Of

From Linda H. Taylor

From Valerie Beatty

George Bissonnette

Richard "Dick" Barnes

Joan L. Wolfe

Pennie & Keith Vogelheim

Gifts made in memory of the names in bold

Ronald J. Beatty DDS and Paul V. Beatty

From Waterfowl Bob's Wetlands Consulting-Bob Bissonnette

Huron Pines staff that worked at Negwegon this year Thank you for all you have done for the local environment and all

Erin Block From Donald and Gail Block James J. Budzynowski From Christina Budzynowski Mike Busen From Angela VanWashenova Robert B. Cameron, MD From Christine Cameror **Aaron Eliot Cohen** From Dr. Lynn S. Cohen and Stephen B. Cohen Robert and Linda Cooper From Judith Coope **Chris Cowdin** From Peg Cowdin Pat D'Augustino From Meaghan Gass Jean M. DeLavern From Doug and Patty Davidson Stephanie Ebling From George Ebling Jed Erwin From Anonymous Marvin "Marv" Evans, Gaylord From Chris Engle Dr. David A. Feighan From Mrs. Pat Feighar **Tina Foster** From Scott Foster Cathy Geerlings From Nellie M Sahin James A. Gonyea mopoulos Family From Sandy and Dennis Stockeme Joan and James Graw From Dave and Donna Tinsley Veronica Greason From Ethalinda Blackmar Celeste Jensen From Jerry Jenser From William Kusey Donna Ruth Leutz From the staff at Huron Pines From Lawrence Lee and Nick Pavelich Mary and Jack McCarthy From Pat and Judy Benson Jerry Myers From Glen and Gwen Catt William Myers From Sharon Myer William F. Piper From Nellie M. Sabin **Bill and Lenora Richards** From Nanci Richards Tayler Dave and Janet Seidelman

Dear Guitar Family, This donation is made in memory of your Dad and Grandpa G. Love The Capitanio Family and The My brother, Julius Kusey, Art Teacher Donna and Ray Leutz ~ Mother and Father From Art and Michelle Pelon Ken Sink From Chay Kasinski **Bud Slingerlend** From Ross Nave Chris Stafford From Fred and Diane Alati Those who died saving monarchs in Mexico From Frank and Marilyn Apsey Dick Walle From Judy Walle Keith Ward From Marian Ward Everett S. "Bud" Woods From Dennis and Linda Bover

17 Huron Pines

Jan Manzella

John C. Marsh

Robert and Michaele Malecki

Maple Ridge Hardwoods, Inc.

Michael Zakrzewski

From Andrea Adams



4241 Old US 27 South, Suite 2 Gaylord, MI 49735 (989) 448-2293 huronpines.org

Get Involved

Learn More

Whether you're a full-time resident, a frequent visitor or a fan from afar, we're happy to know you share our love of Northern Michigan's natural resources.

If you haven't already, we encourage you to sign up for our email newsletter at our website and follow us on social media to stay informed about upcoming projects and opportunities.

Donate

It is our mission to conserve and enhance Northern Michigan's natural resources to ensure healthy water, protected places and vibrant communities. We have worked for over 45 years to restore rivers, steward the land and build meaningful connections to conservation.

Support our work at huronpines.org/donate





