

FRESHWATER REPORTER

A fresh approach to storytelling in Manistee and Mason counties...and a bit beyond.

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FREE

Here's the scoop!

By KEVIN HOWELL and PAT STINSON

What better way to cool off on a hot sunny day — shy of a dip in the big lake, of course — than eating a scoop or two of ice cream? And what could be better than locally made ice cream?

In Mason, Lake and Benzie counties, you'll find three delicious choices for the locally made kind: House of Flavors in Ludington, Jones Homemade Ice Cream in Baldwin, and Hill Top Soda Shoppe in Benzonia.

Since I'm a Mason County resident and live reasonably close to two of the three, my editor suggested I try a taste at the first two shops. She volunteered to write about the third. All three offer other food options as well as ice cream.

First, a disclaimer: my appetite for ice cream has diminished since my youth when I was an ice cream hound. But on rare occasions I still imbibe, and this little foray back into ice-cream land sounded like fun.

House of Flavors, Ludington

The House of Flavors, 402 West Ludington Ave., began as Miller Dairy, producing milk, cottage cheese, buttermilk and ice cream, according to a statement on the company's website. In 1948, Bob Neal purchased a 50% interest in the dairy, and after a couple name changes, House of



After a hard day of play, there's nothing like an ice cream. Courtesy photo.

Flavors was born in 1964.

Today, millions of gallons of ice cream are made in the adjoining manufacturing facility. To be more precise, 28 million gallons per year, making them Michigan's largest ice cream producer, so sayeth the facility's website. The Neal family still runs the restaurant/ice cream shop. I haven't tried their meals, but my editor says they make a "mean" cherry chicken salad and the restaurant gets high marks on Tripadvisor.

As a child, I really liked cherry ice cream,

and lo and behold, there it was on the menu: Black Sweet Cherry ice cream. But how to eat it? A cup? A cone? A sundae? I noticed they offer waffle cones. I remember sugar cones and regular cones, but I don't remember having a waffle cone.

I ordered a single dip, which was a REALLY BIG single dip, of cherry ice cream with big chunks of black cherries packed into a waffle cone.

Rather than eat inside, I went through an indoor take-out line, where huge cartons

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What happened to blackfin cisco?

By STEWART A. MCFERRAN

Today, nobody heads to Lake Michigan to fish for blackfin cisco. Few have ever seen one. Billy Bjorkquist is one of them. When he was a boy, he would ride with his father and uncles on board their boat, the Bob Richard, leaving from the Bjorkquist Bros.' commercial fishing dock on the north side of the Manistee River and motoring into Lake Michigan. If a blackfin came up from the deep his uncles would shout out, because blackfin were bigger than the other fish and rare even then.



Billy Bjorkquist, on the south side of the Manistee River, looks north toward the former location of the Bjorkquist Bros. fishing docks. Photo by S.A. McFerran.

The blackfin cisco is one of eight fish species in the coregonus group. They once teemed in the Great Lakes. Massive groups of coregonids once schooled in Lake Michigan. If today's fishers could see these schools in their fish finders, they would be astounded.

Changing populations

Coregonus nigripinnis (blackfin) share a subgenus with whitefish, cisco, chubs and four others. In a pristine state, the ecology of the big lakes was dominated by these silver swimmers, relatives of trout. Some in the "leucichthys" group are still known to fishers today.

The likes of cisco and whitefish are found throughout the clear lakes of the north. Whether in streams, bays or the big lakes, aquatic life responds to conditions in

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Area Events

Some events may change or be canceled due to weather, schedules or COVID-19. Always call ahead.

JUNE

Thru **Simply Give: Support the Manistee Senior Center food pantry**

July **3** Buy \$10 Simply Give donation cards at the Manistee Meijer Store. Sponsored by Manistee Council on Aging and #MeijerGives

Thru **Harbor Classic Quarter Horse Show**

July **10** Mason County Fairgrounds, 5302 West US-10, Ludington. For info, call 231.843.8563

Thru **Summer Member Art Exhibition**

July **30** Free, Oliver Art Center, 132 Coast Guard Rd., Frankfort

Thru **Small Works, Big Impact community collage project**

Aug **28** Sale of 200 6"x6" donated canvases done by local artists to benefit Art Center operations impacted by Covid-19. Finished canvases may be purchased for \$40/each starting June 28. Oliver Art Center, 132 Coast Guard Rd., Frankfort

30 Live Music at St. Ambrose Cellars with Bill Frary

5:30-8:30pm, free, 841 S. Pioneer Rd., Beulah

30 Summer Music Series with Michelle Grim and Friends

6-8pm, free, Purchase Pavilion, 301 N. State St., Luther

30 Friends of Ludington State Park Summer Music Series with Mike Lenich

7pm, free, Ludington State Park, Lake Michigan Beach House, 8800 West M-116, Hamlin Township

30 LACA Summer Concert Series with Holly McGuire and Chicago's Kevin O'Connell Trio

7-9pm, free. Pop, rock, R&B, jazz and blues. Waterfront Park 300 W. William St., Ludington

30 Echo Through the Timber. Live music with Bill Heid Quartet

7-9:15pm, free, donations gladly accepted. Jazz, swing, soul. Wenger Pavilion, downtown Baldwin

JULY

1-5 Manistee National Forest Festival

Over 40 events including parades, arts and crafts, marketplace, carnival and fireworks.

For info, go to Manisteeforestfestival.com

1-5 Carnival, Flea Market, Whispering Pines Petting Zoo & Timber Art

Douglas Park and First Street Beach, Manistee

1 First Person Story and Songs at the Old Kirke Museum

10am, free, "LEGO, Playing Well in Manistee" by LEGO collector and builder Mark Herberger, 304 Walnut St., Manistee

1 4th of July Kickoff Party

11am-3pm, \$15 in advance. Catered by Jerry Zupin, entertainment by Virgil Baker & the Just 4 Fun Band. Wagoner Community Center/Senior Center, 260 St. Mary's Parkway, Manistee

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Community Calendar

Some events may change or be canceled due to weather, schedules and COVID-19. Always call ahead. **Email your July calendar events or press releases by July 1 to:** editor@freshwater-reporter.com. Or snail mail them to: Freshwater Reporter, P.O. Box 188, Manistee, MI, 49660.

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- JULY**
- 1 Music Live in the Plaza with Cheryl Wolfram**
5-8PM, free, Legacy Plaza, 112 N. James St., Ludington
- 1 Live Music at St. Ambrose Cellars with Wink Solo**
5:30-8:30pm, free, 841 S. Pioneer Rd., Beulah
- 1 Live Music with Jazz North**
7pm, free, Downtown Beulah (not in the park)
- 1 Poetry and Live Music at Iron Fish Distillery with Emily Pittinos and Rowan Niemisto**
6-8:30pm, free, 14234 Dzuibaneke Rd., Thompsonville
- 1 Live Music at the Wagoner Community Center with Cousin Curtiss**
7-9pm, \$10, food trucks will be onsite, 260 St. Mary's Parkway, Manistee. Tickets available at the Senior Center (Wagoner) or call 231.723.6477
- 2- Outdoor Book Sale**
3 10am-4pm Fri., 9am-3pm Sat., on the lawn behind the Manistee County Library, 95 Maple St., Manistee
- 2- Luther Days**
4 Fourth of July festivities.
For event schedule, go to Luther Days on Facebook
- 2 Ludington Farmers Market**
3-7pm, N. James St. Legacy Plaza, Ludington
- 2 Live Music at Iron Fish Distillery with DJ Batz**
5:30pm, free, 14234 Dzuibaneke Rd., Thompsonville
- 2 Live Music at St. Ambrose Cellars with Jen Sygit & Mike Lynch**
5:30pm, free, 841 S. Pioneer Rd., Beulah
- 2 Live music at Northern Natural Cider House & Winery with Brian Oberlin & The Journeymen**
7-10pm, 7220 Chief Road, Kaleva
- 2 Live Music at Portage Point Resort with Big Daddy Fox in Lahey's Pub**
7-11pm, free. Electrifying blues. 8567 Portage Point Dr., Onekama
- 3- Art Snake 2021: Art Studio Tour around Portage Lake**
4 10am-5pm, free, visit Yellow Dog Café, 4850 Main St., Onekama for maps to the artists' studios
- 3- West Shore Art Fair**
4 10am-6pm Sat., 10am-4pm Sun., free, Rotary Park, 400 S. Harrison St., Ludington Over 110 Jury-selected artists and craftspersons.
- 3 Manistee Farmers Market**
9am-12pm, parking lot on the corner of Memorial Dr. and Washington St., Manistee
- 3 14th Annual Lud Ludwigson Memorial at the Manistee Golf and Country Club**
8am, \$60 for nonmembers, \$20 for members plus cart fee. Three flights: Women's, Mixed & Open, shotgun start, 4 person scramble, 50/50 raffle, proximities on every hole. Call 231.723.2509 to sign up. Manistee Golf and Country Club, 500 Cherry St., Manistee
- 3 Pine Forest Freedom Market**
9am-4pm, free to attend, \$6/space to sell. Crafters, bakers, makers, food trucks, etc. Pine Forest Campground, 10169 M-37, Irons. For more info, call 231.742.6934
- 3 Downtown Scottville Farmers Market**
10am-2pm, sidewalks of Main St., Scottville
- 3 Pop Up Art Market**
10am-2pm, free, 4850 Main St., Onekama
- 3 Live Music at St. Ambrose Cellars with Barefoot**
5:30pm, free, 841 S. Pioneer Rd., Beulah
- 3 Live Music at Iron Fish Distillery with the Bootstrap Boys**
6:30-8:30pm, free, 14234 Dzuibaneke Rd., Thompsonville
- 3 Friends of Ludington State Park Summer Music Series with Third Coast Gypsy Band**
7pm, free, Ludington State Park, Lake Michigan Beach House, 8800 West M-116, Hamlin Township
- 3 Sounds from the Forest. Live music with Holly McGuire and Kevin O'Connell Trio**
7-9:15pm, free, donations gladly accepted. Jazz, blues, pop, rock. Wenger Pavilion, downtown Baldwin
- 3 Live music at Northern Natural Cider House & Winery with The Accidentals and special guest Treeskin**
(Treeskin 5pm), 7-10pm, \$20, 7220 Chief Road, Kaleva
- 3 Live Music at Portage Point Resort with Big Daddy Fox & Friends in Lahey's Pub**
7-11pm, free. Soulful tunes and acoustic vibes. 8567 Portage Point Dr., Onekama
- 4 Freedom Festival 1 Mile Dash**
12:30pm, free to watch, \$30 to run. Prior to the Grand Parade, runners will race past the crowd. Leveaux Park, 900 E. Ludington Ave., Ludington
- 4 Freedom Festival Parade & Fireworks**
2pm Grand Parade, Fireworks over Lake Michigan at dusk, free. Downtown Ludington
- 4 Live Music at St. Ambrose Cellars with Soul Patch**
5pm, free, 841 S. Pioneer Rd., Beulah
- 4 Live music at Northern Natural Cider House & Winery with Seth Bernard & Jordan Hamilton**
7-10pm, 7220 Chief Road, Kaleva
- 4 S.S. Badger Shoreline Cruise**
8:30-11pm, \$52/person, children 4 & under are free. Cruise will sail rain or shine.
For more info and tickets, go to: ssbadger.com
- 5 Honey Bee Market**
1-7pm, free. Numerous arts, crafts, and other goodies for sale by local vendors. On the grass at St. Ambrose Cellars, 841 S. Pioneer Rd. Beulah
- 5 Yoga in the Barn at Iron Fish Distillery**
5:30, 14234 Dzuibaneke Rd., Thompsonville
- 5 Live Music at St. Ambrose Cellars with Feral Cats**
5:30pm, free, 841 S. Pioneer Rd., Beulah
- 5 Live Music at Iron Fish Distillery with Barefoot**
6:30-8:30pm, free, 14234 Dzuibaneke Rd., Thompsonville
- 5 Onekama Concerts in the Park with The Schrock Brothers and Peter Madcat Ruth**
7pm, free, donations gladly accepted. Roots, blues, folk, rock. Village Park, Onekama. Rain venue is Onekama Community Schools Cafetorium
- 5 Family Friendly Outdoor Movie at Crystal Mountain Resort**
9-11pm, free. Bring blankets, lawn chairs. Barr Park, 12500 Crystal Mountain Dr., Thompsonville. Weather dependent.
- 6- Art Divas Art Show**
23 11am-1pm Tues. & Wed., 4-6pm Thur. & Fri, free. Art from 5 talented local artists on exhibit and for sale. Ramsdell Regional Center for the Arts, 101 Maple St., Manistee
- 6 Friends of North Point Park Picnic**
12pm, North Point Park, Onekama
- 6 Manistee Shoreline Showcase Summer Concert Series with Tell Yo Mama**
7-9pm, free, R&B, funk and pop. Douglas Park Gazebo at First Street Beech, Manistee. Wind/rain site: Armory Youth Project, 555 First St., Manistee
- 7 Friends of Ludington State Park Summer Music Series with Awesome Distraction**
7pm, free, Ludington State Park, Lake Michigan Beach House, 8800 West M-116, Hamlin Township
- 7 Summer Music Series with Narrow Road**
6-8pm, free, Purchase Pavilion, 301 N. State St., Luther
- 7 LACA Summer Concert Series with Tell Yo Mama**
7-9pm, free. Pop, funk, R&B. Waterfront Park 300 W. William St., Ludington
- 7 Echo Through the Timber. Live music with Harper & Midwest Kind**
7-9:15pm, free, donations gladly accepted. World jazz, soul, R&B, folk, blues. Wenger Pavilion, downtown Baldwin
- 8 First Person Story and Songs at the Old Kirke Museum**
10am, free, "The Spiritual Dimension of the Sublime" by Dr. Matt Sanderson, Professor of Philosophy and Ethics and chair of the Arts and Humanities division at WSCC. 304 Walnut St., Manistee
- 8 Onekama Block Party "Then & Now"**
1pm, Main St., Onekama
- 8 Live music in Ludington State Park with Rough & Tumble**
1pm, free, Big Sable Point Lighthouse, 5611 N. Lighthouse Dr., Ludington
- 8 Music Live in the Plaza with Tom Zatarga**
5-8PM, free, Legacy Plaza, 112 N. James St., Ludington
- 8 Live Music at St. Ambrose Cellars with Wink solo**
5:30-8:30pm, free, 841 S. Pioneer Rd., Beulah
- 8 Roots on the River Music Series with Harper & the Midwest Kind**
7pm, free, Jaycees Riverwalk Bandshell, Memorial Dr., Manistee
- 8 Live Music with Jake Allen**
7pm, free, Downtown Beulah (not in the park)
- 9- Bear Lake Days**
11 Events include food vendors, entertainment, a grand parade and fireworks over the lake.
For more info see their Facebook page
- 9 Ludington Farmers Market**
3-7pm, N. James St. Legacy Plaza, Ludington
- 9-? The Artists of Epworth art exhibit**
5-9pm opening reception, free. Ludington Area Center for the Arts, 107 S. Harrison St., Ludington
- 9 Live Music at Iron Fish Distillery with Snacks & Five**
6:30-8:30pm, free, 14234 Dzuibaneke Rd., Thompsonville
- 9 Live Music at the Brewery with Gabriel James**
6-9pm, free, Ludington Bay Brewing Co., 515 S. James St., Ludington
- 9 Live music at Northern Natural Cider House & Winery with Full Cord Bluegrass**
7-10pm, 7220 Chief Road, Kaleva
- 9 Live Music at Portage Point Resort with Soul Patch on the lakeside deck**
7-11pm, free, 8567 Portage Point Dr., Onekama
- 9 The Insiders Tom Petty Tribute Band**
7:30pm, \$25-35 adults, \$10 under 18, Ramsdell Regional Center for the Arts, 101 Maple St., Manistee
- 10 Rusty Fish Pre-Ride: Half or Full**
9am, Manistee Non-Motorized Trail Park. A chance to group ride the Rusty Fish 100 (gravel grinder bike race) before the event in October. Ride all or part of the route.
For more info, see their Facebook page.
- 10 Manistee Farmers Market**
9am-12pm, parking lot on the corner of Memorial Dr. and Washington St., Manistee
- 10 Pine Forest Freedom Market**
9am-4pm, free to attend, \$6/space to sell. Crafters, bakers, makers, food trucks, etc. Pine Forest Campground, 10169 M-37, Irons. For more info, call 231.742.6934
- 10 Downtown Scottville Farmers Market**
10am-2pm, sidewalks of Main St., Scottville
- 10 Live Music at Iron Fish Distillery with Wink solo**
6:30-8:30pm, free, 14234 Dzuibaneke Rd., Thompsonville
- 10 Friends of Ludington State Park Summer Music Series with Kitty Donahoe**
7pm, free, Ludington State Park, Lake Michigan Beach House, 8800 West M-116, Hamlin Township
- 10 Sounds from the Forest. Live music with Tell Yo Mama**
7-9:15pm, free, donations gladly accepted. Pop, R&B, Funky jazz and soul. Wenger Pavilion, downtown Baldwin
- 10 Live music at Northern Natural Cider House & Winery with Rachael & Dominic Davis**
7-10pm, 7220 Chief Road, Kaleva
- 11 Live Music at Iron Fish Distillery with Drew Hale**
6:30-8:30pm, free, 14234 Dzuibaneke Rd., Thompsonville
- 12- Ludington Offshore Classic/Big Boys**
18 **Fishing Tournament**
6am-6pm, Waterfront Park, 300 S. William St., Ludington. Events for pros, ams, ladies and kids.
For info, go to: offshoreclassic.com
- 12 Honey Bee Market**
1-7pm, free. Numerous arts, crafts, and other goodies for sale by local vendors. On the grass at St. Ambrose Cellars, 841 S. Pioneer Rd. Beulah
- 12 Yoga in the Barn at Iron Fish Distillery**
5:30, 14234 Dzuibaneke Rd., Thompsonville
- 12 Live Music at Iron Fish Distillery with Blake Elliot**
6:30-8:30pm, free, 14234 Dzuibaneke Rd., Thompsonville
- 12 Onekama Concerts in the Park with an Elvis Tribute by Jake Slater**
7pm, free, donations gladly accepted. Roots, blues, folk, rock. Village Park, Onekama. Rain venue is Onekama Community Schools Cafetorium
- 12 Family Friendly Outdoor Movie at Crystal Mountain Resort**
9-11pm, free. Bring blankets, lawn chairs. Barr Park, 12500 Crystal Mountain Dr., Thompsonville. Weather dependent.
- 13 Manistee Shoreline Showcase Summer Concert Series with Nick Moss Blues Band**
7-9pm, free, Chicago blues & funk. Douglas Park Gazebo at First Street Beech, Manistee. Wind/rain site: Armory Youth Project, 555 First St., Manistee
- 14 Summer Music Series with J & B Beats**
6-8pm, free, Purchase Pavilion, 301 N. State St., Luther
- 14 Friends of Ludington State Park Summer Music Series with Mike Dvorak**
7pm, free, Ludington State Park, Lake Michigan Beach House, 8800 West M-116, Hamlin Township
- 14 LACA Summer Concert Series with Nick Moss Blues Band**
7-9pm, free. Chicago blues & funk. Waterfront Park 300 W. William St., Ludington
- 14 Echo Through the Timber. Live music with Fremont John's Acoustic Thunder**
7-9:15pm, free, donations gladly accepted. Acoustic rock and blues. Wenger Pavilion, downtown Baldwin

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Anchored Designs Boutique:

A Q&A with owner Ashley Bradford

By PAT STINSON

As part of Onekama's 150th anniversary celebration, we are featuring village businesses and sharing historical stories. We first met Ashley Bradford, of Anchored Designs Boutique, two years ago. We were referred to her after admiring tee shirts she printed for a local business in her former location on Main Street. Ashley (Acker) was born and raised in Onekama and graduated from Onekama Consolidated Schools.

What was your retail experience/background before you opened Anchored Designs Boutique?

I grew up in retail. My family has owned a retail store in Manistee for over 33 years. I worked alongside my dad and aunts in our family store, Townline Unlimited Bargain Barn, sorting and stocking merchandise.

What drew you to the retail business and store ownership? Why a boutique?

I grew up in a family where we were raised to work for what we want in life. My dad is the most hard-working man I know, and he inspired me to open my own business.

When and why did you choose to open your boutique in Onekama?

I decided to open a boutique in Onekama because I love our little town. There were some great little shops in town but not many, and I saw a need for a store that was different and unique.

Last year, you moved to a new location in the village, 4857 Main Street. What was the inspiration for the move?

I do many pop ups and events with Patina and Yellow Dog Café (neighboring businesses). I have always wanted to be in more of a business district, as my previous location was not very visible. Before the pandemic, I decided it was time to make

a move, as my business had outgrown its previous location. When I walked in the door at this new space, next to Onekama Building Supply, I saw the original high tin ceilings and I knew this was the perfect location. During the shutdown we remodeled — the interior had not been touched in years — and made it our own.

What do you like best about owning a boutique?

I love meeting new people! I also love finding unique brands and styles for my customers of all ages. I work with many local artists and give them a place to showcase their art.

Tell us about the lines of merchandise you carry. How do you choose them?

I try to carry as many Michigan-made products as I possibly can. I love supporting local! I also always try to carry lines that no one else in the area has. I want to be unique.

The Michigan merchandise looks popular. Several items offered online are out of stock. Did this take you or your supplier by surprise? Has Michigan merch grown in popularity since you opened?

Michigan merchandise is very popular! Tourists every summer love to bring home



A cozy community destination for fresh homemade treats, coffees and uniquely delicious sandwiches. Locally sourced ingredients.



a little piece of Michigan, so I always try to offer a variety of items and clothing with Michigan themes. This year has been hard with the pandemic, with shipping and stock. Many styles I usually order are out of stock or take months to get, so I have been adapting and finding some fun new brands. I like to change up my styles every year to keep my boutique fresh.

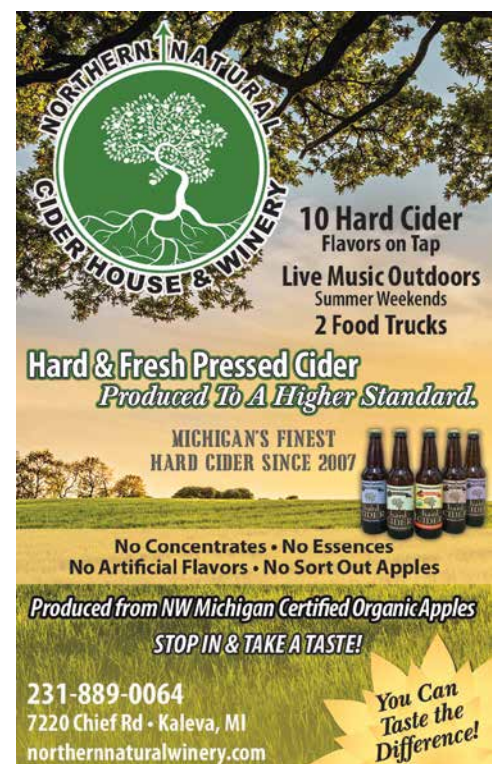
What are some other popular boutique items?

People love to come in and look at Carole Porter's Lake Michigan Beach Glass Artwork. She does little nature scenes using beach glass, twigs, pinecones, petoskey stones, etc., and keeps them so simple and beautiful that they appeal to everyone. Customers return summer after summer to add to their collection of her artwork.

Do you have customers who return each season?

Yes, I have customers/families that have been in every summer since I opened more than six years ago. It has been fun meeting new people, and some I have developed friendships with over the years.

Left. Anchored Designs Boutique offers unique, rotating gift items, including Michigan-made gifts, as well as women's and children's clothing, jewelry, toys, artwork and accessories. Below. Ashley Bradford's children help in various ways at her store. Courtesy photo.



What do your children think of your boutique?

My children — Emma 9, Carson 12, Caden 14 — have grown up in my boutique. When I first opened, my preschool-aged daughter would come to work with me every day. The kids often come in after hours to help me with various projects and help us renovate our new location. They also are my inspiration for my children's section and help me choose the perfect brands. I hope to instill in them the work ethic that I was raised with.

You're open 7 days a week in summer. Do you have an opportunity to take a few days off? What do you like to do to unwind?

Since the business has become more established, I am now able to step away a little more in the summer. I'm fortunate that my husband is a teacher and has the summers off. When I am not able to be with the kids, he is, and we can spend some time together on my days off. In the summertime I love to go to the beach and go on hikes with my family. I also love being a tourist and visiting other little Michigan towns!

What is your goal for the boutique/yourself in the future?

Keep evolving and becoming a destination boutique for Manistee County.

Anything else you would like to add?

I was blown away by the support I received this year. My boutique was just voted one of the top three Red Hot Best places to buy a gift in Manistee/Ludington/ Cadillac by Traverse Magazine readers. I appreciate the recognition, knowing that years of hard work can and do make a difference. Thank you, Dad.



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Engine Club revs up for big show

Story and photos by KEVIN HOWELL

During the first week in August, a 22-acre field on the south side of Scottville will spring noisily to life with chugging, smoke-ring blowing, bellowing machinery.

They're the sounds of 50 old engines and tractors on display in the 47th annual Old Engine and Tractor Show, Aug. 5-8, in Scottville Riverside Park, 700 E. Scottville Road. The show is hosted each day from 9 a.m. to 5 p.m. by the Western Michigan Old Engine Club.

Following a tip from my editor about a particular old engine from a fishing boat in Manistee, I contacted the club for a visit to their basecamp in the southeast corner of the park. If you've never been, the Pere Marquette River runs alongside a public access and campground before you reach the club's grounds.

President Fred Silvis and designated club electrician Leo Majeski were sitting at a table in one of the club's pavilions and drinking coffee when I arrived.

With a cup of coffee offered by Silvis in hand, I listened as he told me a little about the engine in question.

"This is our inventory of stuff here on the grounds," he said, pulling out some papers. "It's a Kahlenberg, a three-cylinder. I don't know the year, but the (previous) owner we got it from was Ron Walters of Walters Fisheries (in Ludington)."

Silvis relayed the story he had heard, that the old engine had originally come off the fishing tug Judy Ann out of Manistee, a 42-

foot, steel-hulled boat.

"I guess when the guys went to get it, they had it all unbolted," Silvis began, "but when they went to lift it, the engine had so much fish goo around it, the whole boat came out of the water with it."

"They rapped on the boat a couple times, and the boat dropped down into the water."

The Kahlenberg is the chug-chug-chugging engine, as described by Majeski. When used on the fishing tug, he said the diesel engine delivered 45-54 horsepower and could manage about 10 knots on the water.

"When the Kahlenberg goes, everybody on the grounds can hear it; it's a noisy engine, got a lot of power," Majeski noted.

Though they don't know the specific date the engine was donated to the club, Silvis and Majeski speculated they've had it for at least 25 years, about the same time the club received another old engine, the Franklin, the smoke-ring blowing machine stored in the same barn as the Kahlenberg.

The Franklin, another diesel engine, has a big flywheel and is started by injecting ether to get its single cylinder running.

"This was a salt brine engine," Majeski said. "It takes about three people to start it."

Silvis interjected, with a laugh, "Ha-ha, try six!" Then he added:

"Martin Marietta donated this engine to us from Eastlake, Michigan."

The two old engines are among dozens stored on the grounds; some run sawmills, planers, shingle makers, grain grinders, oil rigs, washing machines, cider presses and other machinery.

Oh, and there's also the 1925 La France Fire Truck from Belden, Michigan, with a hand-cranked siren you could probably hear clear down to Detroit.

"When we take this across (the grounds), I get to ride up front and crank the siren," Majeski said, with a big kid's grin.

All the old engines are brought out for display and demonstrations during the annual show, as well as for Youth Education Day in September when busloads of fifth and sixth graders descend on the grounds.

For the annual show, club members bring their private collections of tractors and other machines to display. The 35-member Rusted Nuts and Bolts Club will ferry another 25 pieces of equipment from Wisconsin to Ludington on the S.S. Badger.



Old Engine Club member Leo Majeski cranks the siren on a 1925 La France Fire Truck at its home at Riverside Park in Scottville.

When all those old engines fire up, it's bound to be a raucous and entertaining weekend.

Origins of the Old Engine Club

Western Michigan Old Engine Club got its start 47 years ago at a farm south of Ludington owned by Fred Donahue. According to Silvis, "it was a hit-and-miss club, named after old Maytag washing machine engines."

"They would run for a while, then when they get to a low rpm they would fire — that's the hit — then they'll miss, miss, and miss, then BANG, they'll hit again."

As the club grew in membership and machines, the group relocated to White Pine Village for several years. When the club outgrew that location, members contacted the City of Scottville. In 1990, the club moved to Riverside Park.

"They sold us this on a land contract; it's actually a 100-year lease for one dollar a year with the stipulation that if anything happens that the club is dissolved, everything goes back to them," Silvis said.

The club now has about 230 members comprised of locals and folks from around the country. New members are always welcome, according to Silvis.

In addition to the big annual show in August, the club also puts on antique and garden tractor pulls from spring into fall. The next Antique Tractor Pull is July 17.

Show admission for seniors ages 65 and older on Thursdays is \$5, kids under 12 are free, and adults are \$6.

For online information and a schedule of events go to: www.oldengineclub.org.

Kevin Howell is a transplanted freelance writer from Indiana residing in Mason County. He loves the Michigan woods, lakes and especially Michigan craft beers, not necessarily in that order. Contact him at kevin@ytci.com.



Fred Silvis, president of the Western Michigan Old Engine Club in Scottville, demonstrates how to start a Kahlenberg engine.

Blackfin cisco

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the water. If one were to take an inventory of the freshwater creatures found in Lake Michigan, the list would change over time. A "biological index" can show the health of the environment. Certain fish such as cisco are associated with pristine water.

U.S. zoologist Walter Koelz rode with commercial fishers in 1917 and collected different kinds of whitefish and ciscoes caught in the lakes. He continued his field study until 1924, collecting some 14,000 specimens. Many of these fish are stored in jars at the University of Michigan Museum of Zoology. Koelz's work provides an important view of the full range of coregonus group species present before invasive creatures muscled into Great Lakes ecosystems.

In the 1980s, I fished with commercial fisher Ross Lang in the Manitou Passage for deep-water chubs. These days it seems

the chubs have all but disappeared from the Manitou Passage.

Titus Seilheimer, Ph.D., is with Wisconsin Sea Grant. (He tweets using the name "Dr. Fish.")

"C. hoyi (chubs) are still present in Lake Michigan but currently at fairly low levels," Seilheimer said. "There is still some limited commercial harvest of chubs in Wisconsin, although expect to pay \$12 a pound for smoked chubs."

"The last few years the United States Geological Survey bottom-trawl estimates of prey fish had more chubs than alewives," he added. "This is significant because chubs are a native species and alewives are invasive."

Net fishers

I recently chatted with Billy Bjorkquist, who commercially fished part time in Lake Michigan for 40 years, beginning at age 12. He caught both blackfin cisco (*Coregonus nigripinnis*) and chubs (*C. hoyi*).

"They used to get what they called the

blackfin," Bjorkquist began. "They liked them because they ran bigger. They kinda faded away somehow. They were very rare. My dad and my uncle would recognize them. They would grab one of them out of there (the net) and say, 'There's a blackfin!'"

Bjorkquist said his father and uncle made their own fishing nets.

"They would tie all those little squares, and they got to be right," he explained. "If they're not, you won't catch any fish if there is a bag or a wave (in the net's structure, created by the net not being taut). They gotta be straight up and down."

He said his father and uncle were skilled enough to tie them straight. In winter, his father would tie nets in the basement and look through his inventory for those needing repair.

"On my day off (Bjorkquist worked full time at the mill in Manistee), they wanted me to come down and make new nets," he said.

"I couldn't see a future in (fishing); I lost money at fishing," he continued. "I'd get



Bjorkquist Bros. dock on the north side of the Manistee River where the Bob Richard was tied up. They had an icehouse, a smokehouse and a building where they fixed nets.

a day off, my dad would say, 'You're off Thursday. We are going to do this and do that.'

"I did it for him," Bjorkquist said. "It was hard work, but I could do that. I didn't care."

"I told my dad, 'I'll fish with you as long as you want to fish. I'll be here to help you,

continued on page 7



Forget your misgivings: Gin is the Bees Knees

Everyone has that one friend. You know the one: you warn your new partner before they meet them.

“Hey, this is my person, they mean more to me than almost anyone else. They’re also sarcastic, occasionally abrasive, and in general a little mean sometimes. But they always show up when I need them. Be patient, I know you’ll learn to love them too.”

Those friends, if you were to distill them into a spirit, would be gin. Earthy, sharp, aggressive if not handled properly, but some of the brightest and most valuable parts of your life (or cocktail) if appreciated appropriately.



I can’t tell you how many times I’ve been told as a bartender that a guest doesn’t like gin. “I had a bad experience in college,” they say. Or, “I don’t like drinking pine trees.” When I get that guest, I’m not going to lie, I consider it a challenge to change their opinion on gin. Odds are, they tried one crappy martini and hated it, or got completely obliterated with gin and tonics in high school, but they’ve almost definitely never experienced the versatility of this spirit.

Gin is the kind of spirit that elevates its cohorts in a cocktail; you just must work a little harder to coax it out. Take the Prohibition-era cocktail the Bees Knees, for example: acidic lemon juice, complex honey simple syrup (yes, a contradiction in terms) and gin. Herbaceous, earthy

and brave, the gin in that cocktail balances everything to a point of perfection, bringing its forthrightness to a drink that would overpower vodka and be overpowered by whiskey. Gin has just enough attitude to make it beautiful.

We all have people in our lives like this. They’re not to everyone’s taste, but they are invaluable. We may even be the friends who are like this, bringing stark honesty and beauty to others’ lives. Much like gin, we bring the beauty out. That balance between kindness and honesty? That’s gin, and it’s sheer genius. Even those of us who don’t think we like it could probably use more of that in our lives. Everyone needs to be challenged occasionally, otherwise how do we grow?

In my Bruised Spirits column, I talked about how shaking spirits alone can change their chemical composition and make them weaker or different. The same, in my experience, can be said of those of us who can be a little too much. We know we’re a little too much, and as such, we’re fragile. We don’t want to hurt or overpower anyone, and we certainly don’t want to chase you away. Our force is strong, but so is our love, and we are here to make your lives better.

I used to be one of those people who had no appreciation for gin, but I’ve not only grown to appreciate it, I actually relate to it. It’s a spirit that is powerful in theory. It has a strong forward flavor that if misused can be overwhelming and unappetizing. It can be a vessel that highlights beauty and diversity, but this overwhelming urge to shake it alone bruises it and beats it down. Truly, people, walk away from your shaken martini. Gin can be more. As those of us who are strong but easily damaged should be.

Chelsea White grew up working in her parents’ former restaurant on Beaver Island. She’s been behind the bar on and off since she was 20 and is passionate about all things alcohol. When she’s not working or on the beach, you can find her homeschooling her daughters, dabbling in writing or experimenting with new cocktails at home.



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Michiganders involved in NASA’s plan to return to Venus

By BROOKE EDWARDS

On June 2, space professionals and enthusiasts watched the State of NASA address given by NASA administrator Bill Nelson. Excited for the rumored announcement of a new planetary mission, everyone was shocked to hear NASA would be launching not one, but two missions that would explore our planetary neighbor, Venus.

Soon the space world was buzzing with the revelation of VERITAS and DAVINCI+, two planetary probes expected to launch by 2030. The DAVINCI+ probe will carry an instrument designed by the University of Michigan and NASA’s Goddard Space Flight Center.

These new missions stem from NASA’s discovery program, a peer-review system in which planetary missions are proposed and selected based on scientific value. For the first time since the Magellan probe visited Venus 30 years ago, NASA finally has plans to return!

VERITAS, an orbiter designed by the Jet Propulsion Laboratory, aka JPL, will study the internal workings of Venus, a planet very similar in size to our Earth. Observations made by VERITAS may give

us a view of how Venus and the Earth came to be.

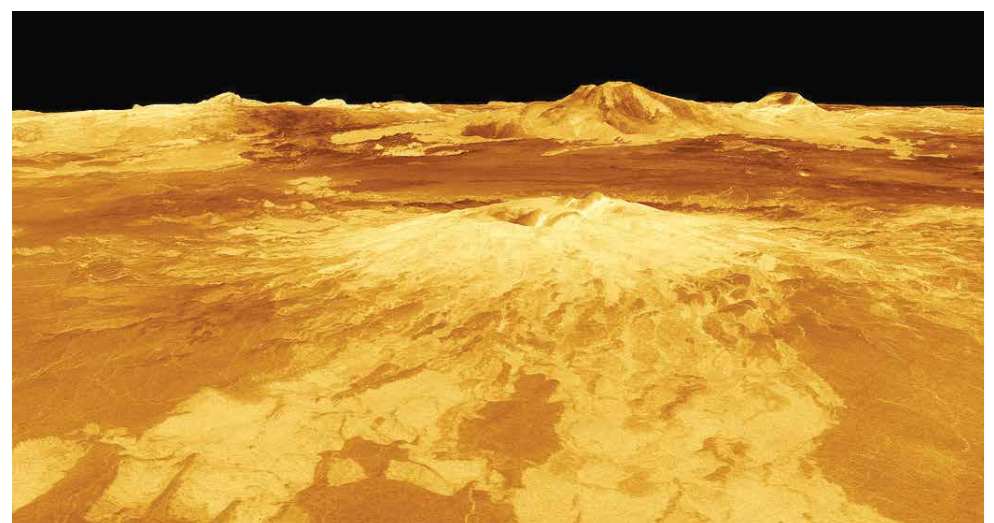
Suzanne Smrekar, principal investigator of VERITAS at JPL, said: “You have these two planetary bodies — Earth and Venus — that started out nearly the same but have gone down two completely different evolutionary paths, but we don’t know why.”

Information gained from VERITAS could also help us understand planets orbiting other stars in our galaxy. As space telescopes improve (such as the upcoming James Webb Telescope), and we discover more worlds, many questions will arise. Some of the answers may be found in our own solar system.

DAVINCI+ will be an atmospheric probe built by NASA’s Goddard Space Flight Center. Like VERITAS, it will study the evolution of Venus.

According to James Garin, the principal investigator for the project: “Venus is a ‘Rosetta Stone’ for reading the record books of climate change, the evolution of habitability, and what happens when a planet loses a long period of surface

continued on page 8



A computer-generated image of the Sapas Mons volcano on Venus. In the coming decade, we will find new amazing truths behind Venus’ extreme environment. Image Credit: NASA/JPL

Bees Knees

Here’s the thing with this cocktail: there was a minute during Prohibition when gin was really, truly bad. The honey simple syrup helped mask that and now, with the right proportions, gin can be a star in the show. You can use any gin in this: barrel aged, floral, London dry. I encourage you to try them all because, honestly, this is a safe way to figure out what style of gin you love most. So, I’m not going to recommend anything other than you research different gin styles and play with this beautifully simple cocktail until you find your sweet spot.

Ingredients:

- 2 oz gin of your choice (Seriously, I’m not helping this time.)
- 0.75 oz lemon juice
- 0.5 oz honey simple syrup*

*So here, you’re going to make a super-simple recipe. It’s equal parts honey and water, boil it together, and store it for up to two weeks. Use an exceptionally good, preferably local, honey. The more complex, the better. I promise the gin can handle it.



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Grace Atwood, manager of Jones Homemade Ice Cream, in Baldwin, showered sprinkles on this mouth-watering waffle cone. Nate Gose (in background) fills a cone. Courtesy photo.

Here's the scoop

continued from page 1



"Super Dooper Pig's Dinner" is available at Ludington's House of Flavors. Courtesy photo.

of ice cream in flavors such as Blackberry Dark Chocolate Chunk, Caramel Caribou and Chocolate Chip Cookie Dough were lined up in front of me and waiting to be scooped. Forty flavors, in all.

Sitting on a bench outside, under the hot sun, I found it didn't take long before the ice cream dripped down the side of the cone and onto my fingers. I felt like a little kid again and loved it.

The ice cream itself was smooth and sweet with the waffle cone adding a little extra sweetness.

While the ice cream is definitely worth trying, the price was a little more than I expected at \$4 for a single dip plus an extra buck for the waffle cone, but then this isn't the 1960s ... when my ice cream cone cost less than a dollar.

Jones Homemade Ice Cream, Baldwin
On to Jones Homemade Ice Cream at 858

Michigan Avenue in Baldwin. This trip, I brought my navigator Jean along so we could try two flavors. She tends to favor plain ol' Chocolate while I took a chance on Blue Moon.

Jones Homemade Ice Cream shop is a much smaller operation than House of Flavors, though similar in age. You could call their ice cream "small batch." They were founded in 1942 at the present-day location. The interior of the shop is reminiscent of ice cream/soda fountains of an earlier era. Historic photos from those days line the walls. Stools at the counter and a few tables inside and outside seat customers.

The service, like at House of Flavors, was friendly when we visited and the shop was busy dispensing treats. An outdoor walk-up window served "take-out" customers.

Instead of a cone, we each decided on a single dip (another decent-sized scoop) in a cup. Sampling each, we found the chocolate was thick and rich and full of chocolate flavor.

"This is good ice cream," Jean remarked, as she tasted a spoonful.

The Blue Moon was a treat sensation I couldn't quite define. I asked the employees to help me clarify the flavor. One thought it had a bit of a citrusy taste to it. In a quandary about describing the taste, I did a little research and found one description that came close: "The flavor of Blue Moon ice cream is fruity with strong raspberry and lemon flavors."

The flavor did indeed have a taste of something fruity, but it wasn't overpowering — more subtle, light and refreshing along with that smooth richness you find in homemade ice cream.

I think I have my ice cream appetite back! Other flavors at Jones, (they serve 13, plus two special flavors which rotate,

according to "Angela"), included Orange Pineapple, Butter Pecan, Mackinaw Fudge and more. The prices here were a bit more within my budget at \$3.25 for a single dip, plus an extra buck for a chocolate waffle cone. The shop also offers sodas, shakes, floats, sundaes and banana splits.

On a previous visit to Jones, my editor was offered a taste of Salted Coffee Caramel. As promised, the flavor was delicious and tasted just like a specialty coffee drink, but she ordered Black Walnut instead. One scoop in a waffle cone of the creamy, nutty and not-too-sweet flavor put stars in her eyes. Five stars.

Hill Top Soda Shoppe, Benzonia

Hill Top's ice cream is super creamy, thanks to its 16% butterfat content and the owners' refusal to whip too much air into the mixture. Their handcrafted chocolate ice cream is double chocolatey, rich and dense. Years ago, when they began making ice cream, owners Chris and Victoria Mekas told me that the little bits of chocolate found in the flavor were a happy accident. Due to operator error, the Ghirardelli chocolate

bars they chop on the premises did not blend properly into the cocoa mixture and became little flecks of added flavor. Yum.

An interesting aside: Before they opened their ice cream shop, Chris took Victoria to Jones Homemade Ice Cream, so she could learn about ice cream homemade in small batches. The lesson obviously went well.

A friend swears by Hill Top's Malted Chocolate, but the shop rotates flavors, so what is here today may be gone tomorrow. There are currently 23 hand-dipped flavors behind the counter, plus an upright freezer of packed pints. Included are at least a couple flavors of sorbet. I recently tried a kiddie-sized scoop of strawberry-peach-cherry sorbet, and it was deliciously refreshing, maybe because there's just fresh fruit, sugar, lemon and water ... no corn syrup. The strawberries are from Grossnickle Farms of Kaleva in Manistee County. Hill Top also uses the farm's berries in its Strawberry ice cream, without added flavors or colors.

Co-editor Mark ordered Chocolate Chocolate Chip and appreciated the small chunks of chocolate throughout the intensely flavored chocolate ice cream.

A single scoop of ice cream at Hill Top is \$3.66, and if you choose a waffle cone the cost is \$4.72. Place your order inside the shop or at the drive-thru window. As the name implies, Hill Top sits near the top of a hill at 7117 South Street, east of U.S. Highway 31 in Benzonia.

Now you know: some of the state's best-tasting ice cream is within driving distance. Check out the shops' Facebook pages for the latest flavors. Then, when you're in the mood for a cool treat on a hot, sunny afternoon, get yourself a dip of rich and creamy local ice cream from your favorite ice cream shop.



"William" tastes his first ice cream, handcrafted by Hill Top Soda Shoppe in Benzonia. Courtesy photo.

Kevin Howell is a transplanted freelance writer from Indiana residing in Mason County. He loves the Michigan woods, lakes, and especially Michigan craft beers, not necessarily in that order. Contact him at kevin@ytci.com.

Arachnophobia 2.0: Tick, Tock

Story by JUDY COOLS. Photos courtesy of the Centers for Disease Control.

This is part one of our two-part article about ticks, the disease-carrying insects we love to hate. In part one, we look at what they are, where they hang out, and how to tick-proof your surroundings and YOU. Look for part two in our July 14 issue. In it, we'll look at how to do a tick check and when, and the best way to remove them once they've attached themselves to your skin.



Female American dog tick can carry diseases such as Rocky Mountain Spotted Fever and tularemia. Photo by Jim Gathany, CDC.



Male brown dog tick. Photo by Jim Gathany, CDC.



Female black-legged (deer) tick (*Ixodes scapularis*) transmits Lyme disease. Photo by Jim Gathany, CDC.

Spring arrived like the long-awaited cavalry to our Covid-besieged, locked-down fortress homes. Finally, warmer weather, sunshine and the season's first flowers. At last, we began to have hope. Then we heard about the next of our trials: the worst tick season in probably 20 years.

Ticks are related to spiders. Technically arachnids, they have eight legs and are sometimes mistaken for tiny spiders when they appear on clothing, skin or gear. Unlike spiders, ticks have a hard protective shell and can be extremely difficult to squash.

If feeding off your blood isn't bad enough, they sometimes carry and share some ugly diseases during the time they are attached to your skin. Lyme disease can plague a person as a life-long illness. Other diseases can cause swelling or blood clots, tax the spleen, and the list goes on and on. It's important to avoid being bitten by a tick, and if you do, to get proper care ASAP.

PREVENTION

Reducing the number of ticks in your yard and home begins with cleaning the areas where ticks live. Old leaves or other moist, inactive vegetation are prime breeding grounds. Keep leaf piles away from your yard; keep gutters unclogged. Avoid using straw or finely shredded mulch in your garden or pathways. If you have a wood pile, raise it onto a pallet or other surface where air can circulate beneath it.

Multiple sources recommend a minimum

3-foot-wide perimeter around the yard where there is no mulch or tall plants, pathways ticks use to enter your yard from wilder areas. When fenced, your yard should be cleared 18-24" on both sides of the fence. Keep the lawn mowed short. Ticks hang onto tall grasses with their hind legs and extend the front legs to catch the fur or clothing of passersby.

Pesticides? Sure, you could use them to reduce ticks, but pesticides are not pest specific. You would also be poisoning bees, butterflies, birds and animals that eat ticks. The runoff after a rainstorm can contaminate water wells, rivers and lakes. In this arachnophobe's opinion, that just isn't a fair trade off.

For those who are handy with tools, the internet offers plans for building tick traps. Just build the trap and set it in a woody area to lure ticks to their doom.

One simple, effective prevention technique is to make "tick tubes." Directions are found on the internet, but briefly, use old toilet paper tubes and dryer lint. Treat the lint with a pesticide containing permethrins. When dry, stuff the tubes and distribute them in wild areas just beyond your yard. Mice are the primary and first host of tick nymphs. By providing treated dryer lint

for mice to use in their nests, you kill tick nymphs at their earliest life stage — before they're old enough to breed. The tubes are lightweight cardboard and disintegrate after a rainstorm or two. The amount of pesticide is extremely small, breaks down quickly and is widely distributed among many mouse nests. Using tick tubes can reduce the tick population by as much as 90%. They are especially effective when used right after the snow melts and periodically during summer.

While you're at it, pull any barberry bushes. Ticks are said to like the humid microclimates they produce, and mice take shelter beneath them.

To reduce the numbers in your area, welcome the opossums! Possumfacts.com claims that one opossum will eat about 5,000 ticks per season. Other beasts that can help are free-range chickens and Guinea hens, both great tick-eaters.

While in parks and recreation areas, stay on the cleared trails, away from tall grasses and piles of leaves or wood. Use personal protection as described below.

PROTECTION

Western Michigan is known as prime grounds for ticks, especially this year. Protection includes tick-specific repellent sprays, either commercially produced or blended at home. There are many simple, essential oils that ticks really hate (lemon is tops on a long list), so it's easy to blend an effective spray of a water and vinegar, with various essential oils added.

Another method is to use a little bit of thin carrier oil, such as almond or coconut

oil, and add a few drops of essential oil before rubbing on your skin.

Ticks like damp stagnant places and they will go for the same areas on a host. It's common to find ticks in your underarms, shoes, waistband or underwear — all places that you really, really don't want to find a tick! Some people will use the essential oil treatments near these areas before they get dressed, then use sprays on clothing as extra prevention. Be sure to treat ear areas and your hairline as well as protect your hair, perhaps with a treated bandanna or hat.

Many articles say to wear light-colored clothing, so it's easier to see ticks if they get on you. Other sources say ticks are attracted to light clothing. In general, tucking in your shirt, tucking pant cuffs into your socks, etc., can limit your chances of getting a tick on your skin.

Remember: if you have pets who go outside, they need protection too. There are flea and tick collars, as well as systemic products for them, that will kill a pest if it crawls on your pet. Some essential oil sprays can also be used on your pet. Check with your veterinarian.

Look for part two of Arachnophobia 2.0 in our July 14 issue. For more about ticks online, visit: <https://web.uri.edu/tickcounter/fieldguide>

Judy Cools has been a columnist, web designer, feature and business writer, and an editor for nearly 30 years. She and her husband make their home in the woods near Ludington. Ticks drive her batty. Don't even get her started.

Blackfin cisco

continued from page 4

whatever you got to do. I can run the boat, I can set the nets, I can do everything, as long as we can find a little help.'

"Some of the relatives said, 'It's an old horse; let it die.'"

Billy Bjorkquist opted for a career at the mill after seeing the heartbreak and backbreak of the Lake Michigan commercial fishers. The ecology was stacked against them, and the state was turning Lake Michigan into a sportfishing mecca. The brothers believed this came at the expense of commercial fishers and constituted an illegal taking of property and business resources that had been developed over 100 years. Even though he never fished full time, Billy was a big part of the Bjorkquist Brothers' fishing operation.



Upper left. Kahlenberg engine powering the Bob Richard on Lake Michigan. The net lifter is powered by the engine vacuum. Courtesy photo. Upper right. "Setting back" nets from a wooden box. The gill net is attached to an anchor. As the boat moves away, the net is pulled out of the back of the boat and falls to the bottom of the lake. The net must stay taut, or fish will see it. Courtesy photo.

With policies favoring sport fishers, and industrial-sized aquaculture operations raising sport fish in state-owned hatcheries, commercial fishers continue to struggle.

The blackfin can still be found in Canada's Lake Nipigon, according to



Randy Eshenroder, of the Great Lakes Fishery Commission.

Learning from the past

More ecological changes are in store for Lake Michigan. Knowing that fish such as

the blackfin cisco once filled the big lake, fishers of today can gain an understanding of historic ecosystems. By asking what happened to the blackfin cisco, people can begin to seek solutions. Knowledge of fish populations of the past will inform fishers and fisheries' managers as they consider the future of the lakes.

Read more about blackfin cisco at: http://www.glfrc.org/pubs/misc/Ciscoes_of_the_Laurentian_Great_Lakes_and_Lake_Nipigon.pdf

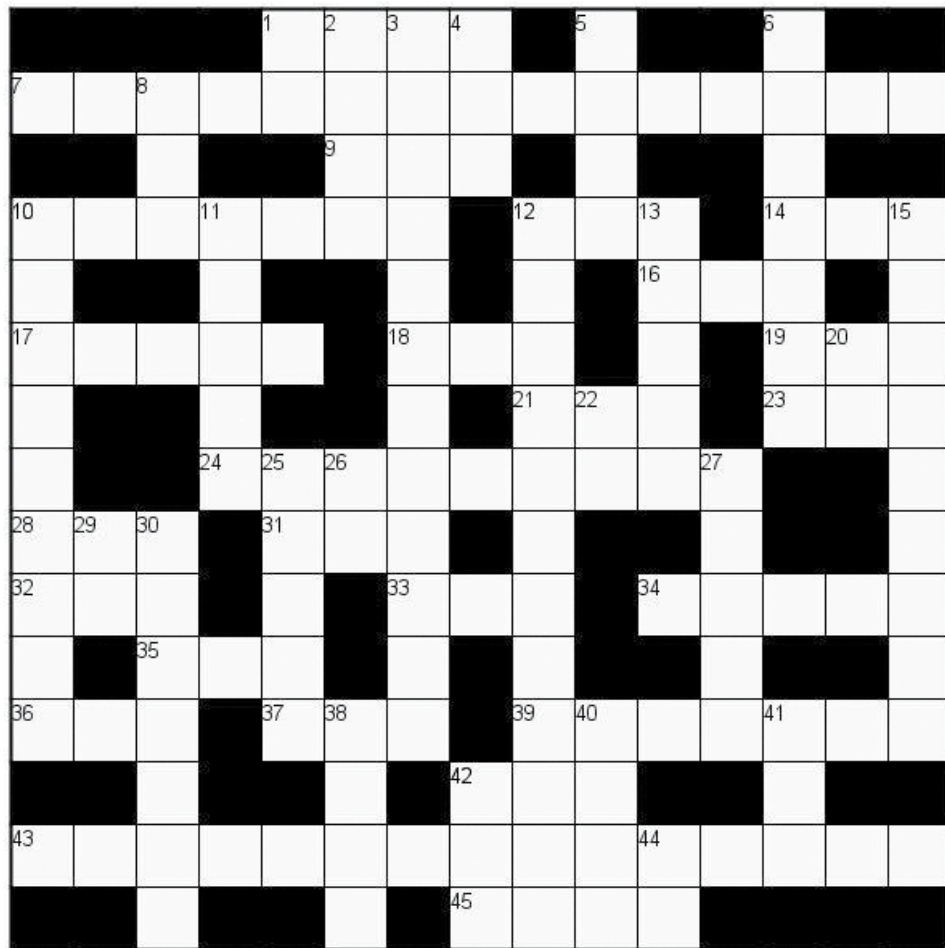
Epilogue: The Bjorkquist Brothers went out of business in 1982, after their nets were confiscated by the Michigan Department of Natural Resources. Ross Lang drowned while fishing in 1998.

Stewart McFerran likes to illuminate current environmental issues in a historic context. He hopes readers will gain understanding and insight into ways people interact with their environment.

Community Calendar

continued from page 2

- 15 First Person Story and Songs at the Old Kirke Museum**
10am, free, "Move better and Feel Better" by Barb Skurdall and Ann Strehle of Mobility Now for Life. 304 Walnut St., Manistee
- 15 Music Live in the Plaza with Merchant & Miller**
5-8PM, free, Legacy Plaza, 112 N. James St., Ludington
- 15 Live Music at St. Ambrose Cellars with Wink solo**
5:30-8:30pm, free, 841 S. Pioneer Rd., Beulah
- 15 Live Music with Standing Hamptons**
7pm, free, Downtown Beulah (not in the park)
- 16 Ludington Farmers Market**
3-7pm, N. James St. Legacy Plaza, Ludington
- 16 Live Music at Iron Fish Distillery with Blair Miller**
6:30-8:30pm, free, 14234 Dzuibanek Rd., Thompsonville
- 16 Live Music at the Brewery with Lynn & The Moonshine Runners**
6-9pm, free, Ludington Bay Brewing Co., 515 S. James St., Ludington
- 16 Live music at Northern Natural Cider House & Winery with Laurel Premo**
7-10pm, 7220 Chief Road, Kaleva
- 16 Live Music at Portage Point Resort with Barefoot**
7-11pm, free, 8567 Portage Point Dr., Onekama
- 17 Manistee Farmers Market**
9am-12pm, parking lot on the corner of Memorial Dr. and Washington St., Manistee
- 17 Pine Forest Freedom Market**
9am-4pm, free to attend, \$6/space to sell. Crafters, bakers, makers, food trucks, etc. Pine Forest Campground, 10169 M-37, Irons. For more info, call 231.742.6934
- 17 Kaleva Art Gallery First Annual Art & Craft Show**
10am-4pm, free, Wouski Ave., Kaleva
- 17 Western Michigan Old Engine Club Antique Tractor Pull**
10am, Scottville Riverside Park, 700 Scottville Rd., Scottville
- 17 Downtown Scottville Farmers Market**
10am-2pm, sidewalks of Main St., Scottville
- 17 Onekama OneFifty Sailboat Regatta**
2-3:30pm, free, Portage Lake. To register to sail, contact the Portage Lake Yacht Club at 231.889.4739 or plyc49675@gmail.com
- 17 Live Music at Iron Fish Distillery with Evie**
6:30-8:30pm, free, 14234 Dzuibanek Rd., Thompsonville
- 17 Friends of Ludington State Park Summer Music Series with Road Less Traveled**
7pm, free, Ludington State Park, Lake Michigan Beach House, 8800 West M-116, Hamlin Township
- 17 Live Music at LACA with Bradford Loomis**
7pm, \$10 in advance, \$15 at the door-150 tickets avail. Rustic Americana/folk. Ludington Area Center for the Arts, 107 S. Harrison, Ludington
- 17 Sounds from the Forest. Live music with Nick Moss Band**
7-9:15pm, free, donations gladly accepted. Chicago blues. Wenger Pavilion, downtown Baldwin
- 17 Live music at Northern Natural Cider House & Winery with Audra Kubat / Luck Dragon**
7-10pm, 7220 Chief Road, Kaleva
- 17 Live Music at Portage Point Resort with Frantic Kingdom**
8-11:59pm, free, 8567 Portage Point Dr., Onekama



4TH OF JULY

By MARK VIDEAN

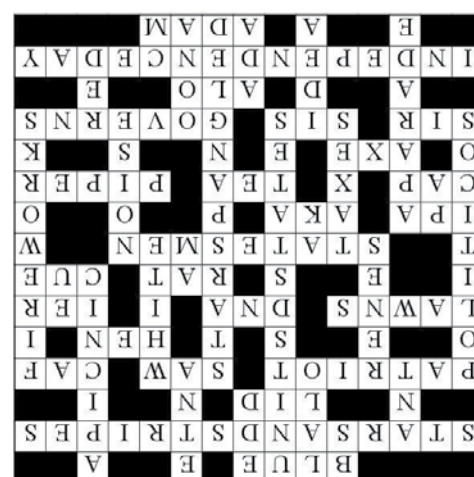
ACROSS

- 1 Third color of #7 across
- 7 Old Glory
- 9 Cornea cover
- 10 One who loves their country
- 12 Lumberjack's tool
- 14 Half-_____ (coffee order)
- 16 Chick magnet?
- 17 Sites for #6 down
- 18 Hereditary double helix
- 19 Suffix with cash or hotel
- 21 Word before or after pack
- 23 Pool stick
- 24 Founding fathers, e. g.
- 28 Hoppy brew
- 31 Stefani Germanotta _____ Lady Gaga
- 32 Upper limit
- 33 It was thrown into Boston Harbor on Dec. 16, 1773
- 34 Tootler who marches in #30 down
- 35 Lumberjack's tool
- 36 Elton John or Paul McCartney
- 37 Bro's sibling
- 39 Regulates
- 42 S. American greeting
- 43 Theme of this puzzle
- 45 Sandler or Driver

- 6 To eat outdoors; have _____ (2 words)
- 8 Pest at #6 down
- 10 Party people?
- 11 Descartes and Magritte
- 12 Like a celebrated banner of song
- 13 Second color of #7 across
- 15 July 4th display
- 20 Group of 27 members with headquarters in Brussels
- 22 First person singular present indicative of be
- 25 Colonists' annoyances
- 26 49th state
- 27 #'s 10 and 15 down make lots of it
- 29 The Declaration of Independence and the Constitution were drafted here
- 30 We'll march down Main Street; let's have _____ (2 words)
- 38 It's a thought
- 40 Actress Chaplin from "Game of Thrones"
- 41 First color of #7 across
- 42 Computing pioneer _____ Lovelace
- 44 One hundredth of a meter

DOWN

- 1 Batchelor of Science
- 2 Film composer Schifrin
- 3 The _____ of America (2 words)
- 4 Baseball hall-of-famer Roush
- 5 Smoking hot Sicillian?



Venus

continued from page 5

oceans.”
The DAVINCI+ probe will contain four instruments. One of them, the Venus Mass Spectrometer (VMS), will be constructed by Goddard and the University of Michigan. The VMS will study the atmosphere of the planet for indications of how it became the inferno it is today. It will also take the first high-resolution image of the world, capturing the surface feature known as Alpha Regio. This feature will be the landing site of the probe, two years into the mission.
Be sure to check NASA's website and social media pages for the latest news on these exciting missions!

Sources:
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