

EVENTS

Things to Do

BANGOR — Leathers for Literacy, 80-mile motorcycle ride to benefit Literacy Volunteers of Bangor, Saturday, May 28, Bangor Waterfront. Registration, 9 a.m.; kickstands up, 10:30 a.m. Ride through Milo, Dover-Foxcroft and end in Hermon at Central Maine Harley-Davidson for dealer open house with lunch, entertainment by Bee Bop Bob DJ Service, and ice cream with Darling's Ice Cream Truck for a Cause. Raffle. Pre-register at www.lvbangor.org/ ride for \$15 and collect sponsors.

BANGOR — “Haroutunian: Riffs of Maine,” paintings by Joseph Haroutunian, through May 31, Boyd Place, 21 Boyd St. Open daily 9 a.m.-7 p.m. through May 31. 963-6005, 941-2837 or info@littlefieldgallery.com.

BAR HARBOR — “The Penobscot: Ancestral River, Contested Territory,” 2-3 p.m. Sunday, May 29, Reel Pizza Cin-

erama. Free. reelpizza.net.

BELFAST — Belfast Historical Society meeting, 7 p.m. Monday, May 23, Abbott Room, Belfast Free Library. Guest speaker Hank Lunn on “Remarkable Mainers, Now and Then.” Free and open to all. 338-9229.

BELFAST — Conservation biologist, artist and fiction writer Alison Dibblepresentation, “Road Trip to Eastern Cub,” 6:30-8 p.m. Tuesday, May 31, Belfast Free Library. Free. 338-3884, ext. 10.

BELFAST — Lives of 19th century Maine lumbermen re-created in documentary exhibit “In the Blood,” 6:30 p.m. Monday, May 23, Colonial Theatre. \$12 per person at the door. Benefits Our Town Belfast. Mini-chance auction and raffle for Waldo County Woodshed. Maine baked bean tasting before the film.

BOOTHBAY HARBOR — Dean Stein and Ronald Lantz, violins; Julia Adams, viola; and Patrick Owen, cello; com-

prising Portland String Quartet and performing music by Haydn, Jancsek, and Mendelssohn, 7:30 p.m. Tuesday, May 24, The Opera House at Boothbay Harbor, 86 Townsend St. Doors open at 7 p.m. Advance tickets until Friday, May 20, \$20; May 21 until day of concert, \$25. Boothbay Opera House box office, 633-5159, boothbayoperahouse.com, portlandstringquartet.net.

BOWDOINHAM — Organic Livestock Management, 5 p.m. Wednesday, June 8, Apple Creek Farm.

BREWER — Next Generation Dance Studio Circus and Carousel 2016 dance recital, 11 a.m. and 2 p.m. Saturday, May 28, Next Generation Theatre, 39 Center St. 989-7100.

DOVER-FOXCROFT — The Center Theatre and the Slightly Off-Center Players auditions for 10th Anniversary Encore, 9 a.m.-noon Saturday, May 28; 6-8 p.m. Tuesday, May 31. Singing and nonsinging roles for adults and children avail-

able. No experience necessary. SOCPC@center-theatre.org, 564-8943, or at the theater 10 a.m.-3 p.m. Monday through Friday, 20 East Main St.

FRANKFORT — All-you-can-eat family-style turkey supper, 4:30-6:30 p.m. Saturday, May 28, Frankfort Congregational Church, UCC, Route 1 A. 323-8666.

LITCHFIELD — Farm Training Project Workshop: Organic Goat Dairy, 5 p.m. Wednesday, June 1, Cosmic Goat Dairy Farm. Potluck supper.

MONSON — Traditional Finn dance, 7:30-10 p.m. Saturday, May 28, Finn Hall, Route 15. Schottisches, polkas, waltzes and fox trots. Music led by Alexandra Conover Bennett on accordion. \$8, free to children under 12. 997-3639.

PORTLAND — “Commissioned by God” (the Bible collaged and deconstructed) by artist G. Bud Swenson, through May 26, Union of Maine Visual Artists Gal-

lery, 516 Congress St.

PORTLAND — Free reading and discussion group led by Dr. Jeanine Uzzi, University of Southern Maine; and Kyle Elsea, U.S. Army, 6:30-8 p.m. Wednesday, May 25, Woodfords Church, 202 Woodford St. Combat veterans of all eras invited. Space limited and registration required. Rita Siavelis, 780-3584. Offered in partnership with Portland Vet Center.

PORTLAND — Jazz, 7 p.m. Monday, May 23, St. Lawrence Arts, 76 Congress St. Student admission, \$7 stlawrencearts.org.

PORTLAND — Journalist and sports historian Rob Sneddon discussing his book, “The Phantom Punch,” noon-1 p.m. Wednesday, May 25, Maine Historical Society, 489 Congress St. \$5, free to historical society members. 774-1822 or ddippolito@mainehistory.org.

ROCKPORT — Down East Singers rehearsals,

7-9:15 p.m. Tuesdays, from the midcoast area, from Newcastle to Belfast. Car-pooling available. Memorial Day concert, 5 p.m. Monday, May 30, Camden Opera House. Membership fee \$60; high school students free. downeastingers.org or 619-0413.

SEARSMONT — Presentation on Cuba by Jim Robbins of Searsmont, 7 p.m. Wednesday, May 25, Searsmont United Methodist Church. Illustrated with slides and video. Reservations not required; Free admission. Light refreshments served. 763-2778.

ST. GEORGE — Death Cafe, 5-7 p.m. Thursday, May 26, Soulmilk Healing Arts Studio, 1012 River Road. Free and open to all. RSVP to Sylvia Sienikeha Pearlman at sienikeha@gmail.com. deathcafe.com/deathcafe/3345 or soulmilkhealingarts.com/death-cafe.

For a complete listing of calendar items or to submit your event, visit www.bangordailynews.com.

Can Maine grow more fruit with smaller trees?

National project studies cold hardiness of dwarf varieties

BY ANTHONY BRINO
BDN STAFF

CARIBOU — After a mild winter, it should be a good year for apple trees in northern Maine, according to Renae Moran, a pomologist with the University of Maine Cooperative Extension.

That’s not the case in southern Maine and other parts of the Northeast, though, due in part to the funky winter, said Moran, who works at the extension’s Highmoor Farm in Monmouth.

“Budding started early and reached a stage where they did not have the hardiness to survive. We had a deep freeze in early April that killed flower buds [in southern Maine]. It hasn’t devastated the crop, but parts farther south have been devastated.”

Moran was in Caribou on May 7, visiting Circle B Farm’s 650-tree orchard for an open house and apple growing class with owner Sam Blackstone and to check up on some trees she’s researching.

“This is a good site,” Moran said of the farm’s orchard, located on a hill rising from the Aroostook River. “Fruit trees actually do better in windy sites, because they don’t get as cold on those cold, clear nights where the warm air rises and the cold air settles. At a higher elevation, the cold air drains away.”

Moran has been running an experiment at Circle B as part of a national project studying cold hardiness in dwarf trees, which are small, bear fruit early and live relatively short lives.

Dwarf trees work well for home gardeners and farms that want small trees that fruit soon, but they struggle with the cold. Traditional, full-sized trees take up to a decade to fruit, but offer cold hardiness and last for decades.

“People tell me, ‘You can’t plant dwarf trees in The County, they’ll die,’” Moran said. “We’re going to find out.”

Seven years ago at Circle B, Moran planted 40 honeycrisp trees with four different dwarf rootstocks from Canada and New York. Rootstocks are the rooting system a variety of fruit is grafted onto to form a tree.

“How they look?” Moran asked Blackstone as she joined a walking tour of the farm.

“People tell me, ‘You can’t plant dwarf trees in The County, they’ll die.’ We’re going to find out.”

RENAE MORAN, POMOLOGIST,
UNIVERSITY OF MAINE

“Not good,” he said. About half of the project’s dwarf trees have died, but others may yet survive, Moran said.

“There are different schools of thought on what an apple tree is,” Moran said. “Some people think it’s the large, old-fashioned big trees. I’m of the other school of thought. A little tree with some deer protection will start to bear fruit quickly.”

For dwarf trees, at least, Moran thinks that Caribou may represent the coldest limit of their range. To the south in Presque Isle, where it’s a tad warmer on average, dwarf trees seem to fare better, Moran said. “And just 20 miles north of here, it’s almost too cold.”

But with hardy varieties and good site selection, Blackstone and other orchardists in cold climates have had success growing semi-dwarf apple trees, as a kind of hybrid option. Semi-dwarf apple trees can grow as tall as 15 feet and retain cold adaptability, while yielding fruit after a few years.

About 400 of Circle B’s apple trees are Honeycrisps, a sweet cold-hardy variety, that are mostly semi-dwarfs. Six of the Honeycrisps are full-size trees. At the time he was planting apple trees, in the early 2000s, Blackstone said his 90-year-old grandfa-

ther urged him to have at least a few full-size Honeycrisp, which are now quite big and overall good fruit providers, Blackstone said.

The MSAD 1 School Farm in Presque Isle’s 2,500-plus tree orchard has trees from three different rootstocks, two of them being semi-dwarfs and one a cold-hardy dwarf. At the Presque Isle Community Garden, both semi-dwarfs and full-size trees are being planted this year, including full-size trees with Malus Antonovka rootstock, a rootstock originally from Russia that is the hardest offered by Fedco Trees.

Blackstone said trees can be grown differently for different uses. In the U-Pick sections of his orchard, the trees are pruned to keep low branches, while other trees are allowed to grow tall and are picked with a ladder.

“I want to keep the branches low for the general public,” he said while standing beside a large 14-year-old Honeycrisp tree that has both low and high branches. “I like the 4-year-old kid that can pull the apple right off the tree and take a fresh bite. I’ve got a customer the rest of my life.”

Old apple trees are found across Maine near homes and roadsides as the remnants of former personal orchards and new trees that have grown from seeds. Among some common heritage varieties planted in Aroostook County were Duchess, Alexander and Yellow Transparent, the latter an early ripening apple originally from Russia that Blackstone also grows a few of.

“Old trees can be renovated. They are worth growing and will produce fruit again,” said John Bunker, a pomologist based in Palermo and the founder of Fedco Trees.

“Even if they look decrepit, they respond to pruning and some fertilizer or compost,” said Bunker. “These varieties were grown because they are very good varieties.”

Coops

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him when he was a child.

“When I wanted my own flock of chickens as a boy, my father said to me, ‘That’s fine. You can have them. But you’re the one that’s going to lug their water in the mornings, and when it’s snowing out and when you want to play baseball instead,’” DeMoranville recalled. “What I took from that was the value of life, and the responsibility of taking care of something.”

The deadline for the Maine Poultry Connection’s chicken coop giveaway is 7 p.m. Tuesday, May 31. Applications can be found online and at the Maine Poultry Connection’s Facebook page, but they should be mailed to Scott DeMoranville, P.O. Box 122, Bradford, ME 04410.



NICKIE DEMORANVILLE

Maddie DeMoranville, 13, checks a bird Thursday morning at 4D’s Farm in Bradford, where her family raises many chickens and other birds.

Monday prime time

MOVIES

		7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	
BROADCAST	2	NBC	207	Inside Ed.	The Voice The final four artists perform. (N) [2]			(:01) Blindspot (N) [2]	News		
	4	CBC	Murdoch Mysteries	NHL Hockey San Jose Sharks at St. Louis Blues. (N) [L]			The National (N)				
	5	CBS	Big Bang	Broke Girl	Price Is Right	Odd Couple	Odd Couple	(9:58) Person of Interest [2]	News		
	62	CW	Family Guy	Family Guy	Reign (N) (HD) [2]	Whose Line	Whose Line	News	Seinfeld [2]	Cougar	
	6	NBC	207	Inside Ed.	The Voice The final four artists perform. (N) [2]			(:01) Blindspot (N) [2]	News		
	7	ABC	Wheel	Jeopardy!	Dancing With the Stars [2]			(:01) The Bachelorette Twenty men advance. (N) [2]	News		
	WAGM	FOX	The Insider	Ent. Tonight	Gotham (N) (HD) [2]	Houdini & Doyle (N) [2]	News		Big Bang	Big Bang	
	8	ABC	Wheel	Jeopardy!	Dancing With the Stars [2]			(:01) The Bachelorette Twenty men advance. (N) [2]	News		
	MPBN	PBS	PBS NewsHour (N) (HD)	Antiques Roadshow (N) [2]			Antiques Roadshow [2]	POV California's Three Strikes law. (N) [2]			
	9	IND	Blindspot (N) (HD) [2]	Gotham (N) (HD) [2]			Person of Interest (N) [2]	News-Lisa	CTV News	Daily Show	
KIDS	13	CBS	Ent. Tonight	The Insider	Price Is Right	Odd Couple	Odd Couple	(9:58) Person of Interest [2]	News		
	22	FOX	Mod Fam	Mod Fam	Gotham (N) (HD) [2]	Houdini & Doyle (N) [2]	FOX 22 News at 10 (N)			Law-SVU	
	33	IND	M*A*S*H [2]	M*A*S*H [2]	Andy Griffith	Andy Griffith	Happy Days	Laverne	Hogan Hero	Hogan Hero	
	38	IND	Big Bang	Big Bang	Law & Order: SVU			Law & Order: SVU			
		NICK	Henry	Thunder	Thunder	Nicky, Ricky	Full House [2] Full House [2]		Full House [2]	Full House [2]	
		DISN	Jessie [2]	Liv-Mad.	Stuck	Bunk'd [2]	K.C. Under.	Best Fr.	Liv-Mad.	Bunk'd [2]	
		FREE	(6:00) *** Mean Girls	*** The Spectacular Now			(2013) Miles Teller. (R)	Monica the Medium (N) [2]		700 Club	
		HIST	American Pickers [2]		American Pickers [2]		(:06) American Pickers [2]	(:03) American Pickers [2]		Pickers	
		DISC	Street Outlaws [2]		Street Outlaws: Full Throt			Street Outlaws (N) [2]	Fat N Furious: Rolling		Outlaws
		TLC	Little People, Big World [2]		Little People, Big World [2]			Little People, Big World [2]		Little People	
LEARN	A&E	The First 48 [2]		(:03) The First 48 [2]			The First 48 [2]		The First 48		
	ANPL	Yukon Men [2]		Yukon Men [2]			(:02) Yukon Men [2]		(:03) Yukon Men [2]		
		CSNE	SportsNet	Quick	The Baseball Show			Quick	Sports	SportsNet	
		ESPN	SportCtr	NBA Countdown (N) [L]		NBA Basketball Cleveland Cavaliers at Toronto Raptors. (N) [L]			SportCtr		
		ESPN2	NFL Live (N)		*** Catching Hell (2011, Documentary) (NR)			Baseball Tonight (N) [L]		30 for 30	
		NBCSP	NHL Live (N) [L]		NHL Hockey San Jose Sharks at St. Louis Blues. (N Subject to Blackout) [L]			NHL			
		NESN	C. Moore	Outdoors	Heartland Poker Tour [2]		Fight Sports MMA (N)		Sports	Sports	
		CNBC	Undercover Boss [2]		Shark Tank [2]			Shark Tank [2]		Undercover	
		CNN	Erin Burnett OutFront (N)		Anderson Cooper 360 [2]		Why They Hate Us (N)		CNN Tonight	Cooper 360	
		FNC	Greta Van Susteren		The O'Reilly Factor (N)			The Kelly File (N)		Hannity (N)	
NEWS	MSNBC	Hardball Chris Matthews		All In With Chris Hayes			Rachel Maddow Show		The Last Word		
		AMC	*** Open Range (2003, Western) (ESP) Robert Duvall, Kevin Costner. (R)			TURN: Washington		TURN			
		BRV	Southern Charm [2]		Southern Charm [2]		Southern Charm (N) [2]		Real Housewives-Dallas		
		CMT	Last Man	Last Man	* Gone in 60 Seconds (2000, Action) Nicolas Cage, Angelina Jolie. (PG-13)			Crossroads			
		COM	Futurama [2]	Futurama [2]	South Park	South Park	South Park	South Park	South Park	Daily Show	
		E!	E! News (N) [2]		Fashion Police (N) [2]		The Kardashians		Fashion Police [2]	E! News [2]	
		FOOD	Diners, Drive		Kids BBQ Championship [2]			Diners, Drive		Chopped [2]	
		FX	(5:30) ** Iron Man 2		** X-Men: The Last Stand (2006) Hugh Jackman.			(:03) ** Iron Man 2 (2010) (PG-13)		Grid: Alaska	
		GAC	Alaska	Alaska	Alaska	Alaska	Alaska	Alaska	Building Off	Grid: Alaska	
		HALL	Last Man	Last Man	Last Man	Last Man	The Middle [2]	The Middle [2]	The Middle [2]	The Middle [2]	
VARIETY	HGTV	Love It or List It [2]		Listed Sisters (N) [2]			Tiny House		Hunters	H Hunt. Int'l	
	LIFE	(6:00) ** Derailed (R)		** Enough (2002, Suspense) Jennifer Lopez. (PG-13)			UnREAL [2]		Little		
	MTV	Teen Mom 2 [2]		Teen Mom 2 [2]			Teen Mom 2 [2]		Teen Mom 2 (N) [2]		
	OXY	(5:40) ** ATL (2006)		(:15) ** Guess Who (2005, Comedy) Bernie Mac. (PG-13)			(:20) ** Guess Who		Cops [2]		
	SPIKE	Cops [2] Cops [2]		Cops [2] Cops [2]		Cops [2] Cops [2]		Cops [2] Cops [2]		Cops [2]	
	SYFY	(6:30) *** The Bourne Supremacy (2004) (PG-13)			12 Monkeys (N) [2]			Hunters (N) [2]		Nightmare	
	TBN	Rodriguez	Potters	Trinity	GregLau	Franklin	J. Duplantis	Praise the Lord			
	TBS	Family Guy	Family Guy	Family Guy	Amer. Dad	The Detour	Family Guy	Family Guy	Full Frontal	Conan (N) [2]	
	TCM	(6:00) ** No Way Out		*** Green Eyes (1977, Drama) Paul Winfield. (NR)			**** Hoop Dreams (1994) (PG-13)				
	TMC	The Last Days of Disco (R)			*** The Grifters (1990) John Cusack. (R)			*** The Imitation Game (2014)			
PREMIUM	TNT	(4:00) The Green Mile (R)			*** The Town (2010, Crime Drama) Ben Affleck, Jon Hamm. (R)			The Lincoln Lawyer (2011)			
	TRAVEL	Bizarre Foods America [2]		Delicious	Delicious	Bizarre Foods/Zimern		Hotel Impossible (N) [2]		Bizarre	
	TRU	Imp. Jokers	Imp. Jokers	Imp. Jokers	Imp. Jokers	Imp. Jokers	Imp. Jokers	Genius	Imp. Jokers	Imp. Jokers	
	TVL	Andy Griffith	Andy Griffith	Everybody Raymond			Raymond	Raymond	George	George	
	USA	NCIS [2]		WWE Monday Night RAW (N) [L] [4]			Chrisley				
	VH1	Love & Hip Hop: Atlanta [2]		Love & Hip Hop: Atlanta [2]		Black Ink Crew (N) [2]		Love & Hip Hop: Atlanta [2]		Black Ink	
	WGN-A	** The Devil's Advocate (1997, Suspense) Keanu Reeves, Al Pacino. (R)			*** The Negotiator (1998) (R)						
		HBO	(6:30) *** John Grisham's The Rainmaker Neighbors 2 (1997) Matt Damon. (PG-13)			** Jurassic World (2015) Chris Pratt. Man-made dinosaurs go on a rampage at an island resort. (PG-13)			(:10) Game of Thrones [2]		
		MAX	(6:25) *** Good Night, and Good Luck. (2005)		Banashee Lucas resolves to leave Banashee. (ESP) [2]			(:05) * The Glass House (2001, Suspense) (ESP) Leellee Sobieski, Diane Lane. (PG-13)		Insidious: Chapter 3	
		SHOW	(:15) *** It Follows (2014) Maika Monroe. Nightmarish visions plague a teen after a sexual encounter.			Penny Dreadful Vanessa convinces Dr. Seward. [2]			Billions Wendy facilitates a deal. (ESP) [2]		
	STARZ	(6:50) *** Disclosure (1994, Suspense) (ESP) Michael Douglas, Demi Moore, Donald Sutherland. (R)			Girlfriend Expr.		** Cutthroat Island (1995) Geena Davis. A female swashbuckler sets sail to locate a hidden fortune.		House of Lies [2]		
	STZENC	(6:00) *** White Men Can't Jump (1992) (R)			*** Total Recall (1990, Science Fiction) (ESP) Arnold Schwarzenegger, Rachel Ticotin, Sharon Stone. (R)			*** The Day After Tomorrow (2004, Action) (ESP) Dennis Quaid. (PG-13)			