***~ FUNDY TIDINGS* ~***The Quarterly Newsletter of the***Bay of Fundy Ecosystem Partnership (BoFEP)**

**February 2018 ~ Winter Issue**

**A. BoFEP and its activities:**

**1. Twelfth Bay of Fundy Science Workshop**

The 12th bay of Fundy Ecosystem Partnership Science Workshop will be held 9-12 May 2018, at the Cox Institute, Agricultural Campus, Dalhousie University, Truro, NS. The workshop theme is *“****A Changing Fundy Environment: Emerging Issues, Challenges and Priorities”.*** While the deadline for submission of abstracts for **oral presentations** has passed, we are prepared to accept abstracts for **posters** up until midnight Friday March 16, 2018. Additional information about the Workshop will be posted on the [2018 Workshop Page](http://www.bofep.org/wpbofep/?page_id=1562) on the BoFEP website as it becomes available.

**2. Talking Circle Considers Indiginous Artifacts and Local History**

A BOFEP, ETF, Peskotomuhkati Nation funded Talking Circle was held in St. Andrews, N.B. on Dec 4, 2017. This was part of the Living Shores Project that BoFEP has undertaken. The focus of the talking circle was native shell middens along the shores of Passamaquoddy Bay, the current physical condition of the middens, the relationship of the middens to the people of the Peskotomuhkati (Passamaquoddy) and Maliseet (Wolastoq) Nations in the Passamaquoddy Bay area, and what, if any, protection the middens should receive. Circle participants consisted of citizens from the Peskatomuhkati, Wolastoq, and Kanienkehaka nations as well as representatives from the NB archeology community and individuals with a strong interest in the Fundy Bay ecosystems, local history and Indigenous issues. [Complete article](http://www.bofep.org/wpbofep/?p=1593).

**B. Partners and other organizations:**

**1. Coastal Zone Canada 2018 Conference**

The biennial Coastal Zone Canada Conference will be held in St. John’s, Newfoundland and Labrador, July15-19th, 2018. The theme of the conference will be "*Coastal Communities: Seeking Practical Solutions to Real Issues".* There will also be a Youth and Young Professionals Forum on July 14-15th. For more up-to-date information visit: [www.coastalzonecanada.org](http://coastalzonecanada.us11.list-manage.com/track/click?u=2a4b8bcd7085564c6496079df&id=2ad13eb74c&e=490c2abc12)

**2. Nominations for GOMC Awards Deadline March 30th.**

The Gulf of Maine Council on the Marine Environment has over the years recognized efforts by individuals, groups or organizations that seek to protect, enhance and restore the ecosystem of the Gulf of Maine region and safeguard and improve the wellbeing of the communities that depend on its resources. Each year the Council accepts nominations for the awards which include: Visionary awards, the Sustainable Community awards, the Industry award, the Art Longard award, and the Susan Snow-Cotter award.   [Description and nomination form for each award.](http://www.gulfofmaine.org/2/gomc-home/awards/) The Council is now accepting nominations for 2018 Awards.  Nomination forms must be submitted electronically to [jleblanc@gulfofmaine.org](http://www.gulfofmaine.org/2/gomc-home/awards/jleblanc%40gulfofmaine.org) by Friday, March 30, 2018.

**3. The Ongoing Battle to Save Nova Scotia's Forests**

Nova Scotia's forests have been badly mismanaged for decades by a government department more interested in promoting the forestry industry than in maintaining healthy, sustainable multi-use forests. Now, opponents of this devastation are fighting back hard. [**The Nova Scotia Healthy Forest Coalition**](https://www.healthyforestcoalition.ca/)is an alliance of organizations and individuals united to raise public awareness of the critical state of our forests and the need for fundamental reform of forest policy. A recent editorial by Bob Bancroft, President of Nature Nova Scotia highlights some of the serious impacts of the Province's devastating reliance on clearcutting and emphasizes the urgent need for change:

 [Demand environmental oversight for clearcuts](http://thechronicleherald.ca/opinion/1537264-opinion-demand-environmental-oversight-for-clearcuts) (Chronicle Herald)

[COMMENTARY: Chipping our forests on the cheap](http://m.thechronicleherald.ca/business/1543413-commentary-chipping-our-forests-on-the-cheap) (Chronicle Herald)

**4. NB Passes a Tepid Climate Change Act?**

In December the New Brunswick government passed Bill 39, The Climate Change Act. The legislation adopts the federal government’s intensity targets for large industrial emitters, requiring them to be among the cleanest in the country or pay to offset their pollution. While critics, such as the [Conservation Council of New Brunswick](http://www.conservationcouncil.ca/) (CCNB), view the Act as a step in the right direction with some positive elements, they are concerned that it doesn't move forward enough from the status quo.

[Bill 39: Climate Change Act](http://www.gnb.ca/legis/bill/pdf/58/4/Bill-39.pdf)

[News Release: Climate change legislation introduced](http://www2.gnb.ca/content/gnb/en/news/news_release.2017.12.1601.html)

[Government Backgrounder on Climate Change Act](http://www.conservationcouncil.ca/wp-content/uploads/2017/12/Backgrounder-Climate-Change-Act.pdf)

[Legislation misses mark on protecting families and communities from worst of climate change impacts in N.B.](http://www.conservationcouncil.ca/en/legislation-misses-mark-on-protecting-families-and-communities-from-worst-of-climate-change-impacts-in-n-b-corbett-on-climate-change-legislation/) (CCNB)

[Background Materials on N.B.’s carbon pricing system](http://www.conservationcouncil.ca/en/background-materials-on-n-b-s-carbon-pricing-system/) (CCNB)

**5. More Fundy Mudflats for Shorebird Reserve Status?**

The [Nature Conservancy of Canada](http://www.natureconservancy.ca/en/) is working to bring international recognition to the area by seeking Western Hemisphere Shorebird Reserve Network designation to the mudflats of the Cumberland Basin and Cobequid Bay near Truro. If successful it would join the Shepody Bay area near Johnson’s Mills, N.B., and the Minas Basin near Wolfville as designated reserves by the network that includes 12 shorebird reserves in the Western Hemisphere.

[Cumberland Basin’s Minudie mudflats could become shorebird reserve](http://m.thechronicleherald.ca/novascotia/1544442-cumberland-basin%E2%80%99s-minudie-mudflats-could-become-shorebird-reserve) (Chronicle Herald)

[Nature Conservancy working to bring shorebird reserve designation to Minudie](https://www.cumberlandnewsnow.com/news/local/nature-conservancy-working-to-bring-shorebird-reserve-designation-to-minudie-184758/) (Amherst News)

**6. Company and NGO Working to Restore Coastal Wetlands**

Tony Bowron, is a Coastal Wetland Ecologist and Co-Founder of CBWES Inc, in 2005. The company's mandate is to take stock of tidal habitats negatively affected by human activities and restore their ecological functionality. Bowron and his team don’t handle the heavy machinery necessarily, but perform the ecosystem monitoring, feasibility studies and restoration planning necessary to bring stretches of coastline back to life. [Novel company works to assess, restore Nova Scotia’s brimming coastlines](http://thechronicleherald.ca/businessvoice/1522487-novel-company-works-to-assess-restore-nova-scotia%E2%80%99s-brimming-coastlines) (Chronicle Herald)

In a related story, the Clean Annapolis River Project (CARP), through its "Wetlands on Working Landscapes Project", is seeking farmers and landowners in the Annapolis River watershed (Digby through Aylesford) who are interested in learning about the wetland enhancement and restoration potential of their land. In order to restore the beneficial economic, social and environmental services that wetland ecosystems provide, CARP is looking to identify prospective landowners whose property may be suitable candidates for wetland restoration and enhancement work. This project was undertaken with the financial support of the Government of Canada through the federal Department of Environment and Climate Change. [CARP seeks landowners to participate in for wetland enhancement, restoration project](http://thechronicleherald.ca/valleyharvester/1528694-carp-seeks-landowners-to-participate-in-for-wetland-enhancement-restoration-) (Chronicle Herald)

**7. Bilcon Sues Canada Over Fundy Quarry Rejection**

The Delaware-based Bilcon is seeking more than $500 million in compensation after an international arbitration panel ruled in 2015 the American company was wrongly denied permission to open a 152-hectare quarry and marine terminal on Digby Neck, N.S. the federal-provincial review panel concluded that a quarry and marine terminal would cause adverse environmental impacts but was also not in keeping with "core community values" of the people who lived on the rustic Digby Neck.

[How a U.S. Company is Suing Canada for Rejecting Quarry in Endangered Whale Nursery](https://www.desmog.ca/2018/01/30/how-u-s-company-suing-canada-rejecting-quarry-endangered-whale-nursery)  (Desmog Canada)

[$500M in damages riding on rejected N.S. quarry in NAFTA fight](http://www.cbc.ca/news/canada/nova-scotia/500m-dollars-in-damages-riding-on-rejected-quarry-1.4509192) (CBC News)

[Canada begins court fight to overturn NAFTA ruling on Digby quarry](http://www.cbc.ca/news/canada/nova-scotia/digby-quarry-terminal-nafta-ruling-bilcon-1.4506864) (CBC News)

 [Nova Scotia environmentalists must fight quarry — again](http://www.cbc.ca/news/canada/nova-scotia/bilcon-quarry-digby-neck-rejected-environmentalists-court-1.3616087) (CBC News)

[Bilcon appealing quarry decision under NAFTA](http://www.cbc.ca/news/canada/nova-scotia/bilcon-appealing-quarry-decision-under-nafta-1.758170) (CBC News)

**First Nation Acquires Culturally Significant Land**

After more than 100 years, a large piece of land and dozens of artifacts significant to the Peskotomuhkati Nation, have been acquired by the federal government and transferred to the First Nation. Camp Chiputneticook in Scotch Ridge, near St. Andrews, is a 1,011 hectare property along the St. Croix River. Chief Hugh Akagi said the property will play a major part in allowing Indigenous people to reconnect with the land. [Lodge and riverside property acquired for Peskotomuhkati Nation](http://www.cbc.ca/news/canada/new-brunswick/lodge-and-riverside-property-acquired-for-peskotomuhkati-nation-1.4540889) (CBC News)

**C.** **Fundy/GOM and other News:**

**1. Worry Over Farmed Salmon Escapes**

The New Brunswick-based Atlantic Salmon Federation's discovery that no wild Atlantic salmon have returned to a key river in New Brunswick is prompting concern for the fish’s population health in the U.S. and eastern Canada. ASF has been monitoring the Magaguadavic River for the Canadian government since 1992. The group says this year is the first time since then that no wild salmon have returned to the river to spawn. [Full report.](http://asf.ca/fears-for-new-england-river-after-magaguadavic-has-zero.html)

**2. Troubles Abound for Cooke/Sea Pen Aquaculture**

The devastating escape of large numbers of Atlantic Salmon from poorly maintained pens in Washington State continues to haunt New Brunswick's Cooke Aquaculture. Large fines have been imposed and efforts are being made to end salmon farming in Puget Sound.

[Fish farm caused Atlantic salmon spill near San Juans, then tried to hide how bad it was, state says](https://www.seattletimes.com/seattle-news/fish-farm-caused-atlantic-salmon-spill-state-says-then-tried-to-hide-how-bad-it-was/) (Seattle Times )

[WA State Report on Cooke Salmon Escape and Cage Failure](http://0104.nccdn.net/1_5/338/0e8/1b9/aqr_cypress_investigation_report.pdf)

[Problems mount for Cooke Aquaculture on U.S. West Coast](http://www.cbc.ca/beta/news/canada/new-brunswick/cooke-aquaculture-atlantic-salmon-washington-1.4450514)(CBC News)

[Salmon escape leads Cooke into legal fight with Washington state](http://www.cbc.ca/news/canada/new-brunswick/cooke-aquaculture-washington-salmon-escape-1.4490171) (CBC News)

[Cooke Aquaculture found negligent in Washington state, lease cancelled](http://thechronicleherald.ca/business/1543415-cooke-aquaculture-found-negligent-in-washington-state-lease-cancelled) (Chronicle Herald)

[Senate passes ban on invasive species Atlantic salmon net pens](http://www.islandsweekly.com/news/senate-passes-ban-on-invasive-species-atlantic-salmon-net-pens/) (The Islands' Weekly)

Despite all this news, Nova Scotia's hopelessly out of touch Minister of Fisheries dismissed all criticism of Cooke Aquaculture after this and other major escapes in Jordan Bay and elsewhere in Nova Scotia. According to him it's "the same people complaining all the time. It's the same complaints and they're not justified." Clearly he is more interested in pushing aquaculture, no matter what, rather than protecting the environment and wild fish stocks. It is no wonder that there are mounting calls for him to be fired. Playing catchup, the NS Government has announced that it will appoint an environmental prosecutor to watch over the health of our waters and go after any offenders, including aquaculture operations.

[N.S. fisheries minister dismisses critics of Cooke Aquaculture](http://www.cbc.ca/news/canada/nova-scotia/fisheries-minister-keith-colwell-aquaculture-cooke-jordan-bay-salmon-storm-damage-1.4493563?cmp=news-digests-nova-scotia) (CBC News)

[Aquaculture opponents call for 'ineffective' fisheries minister to be fired](http://www.cbc.ca/news/canada/nova-scotia/colwell-aquaculture-aquaculture-fish-farming-cooke-minister-colwell-1.4494969?cmp=news-digests-nova-scotia) (CBC News)

[Government to Hire Environment Prosecutor](https://novascotia.ca/news/release/?id=20180214002) (NS Government News Release)

As if escapes weren't enough of a threat to wild salmon populations, there is mounting evidence of the devastating impacts of fish-farm-associated sea lice on wild salmon stocks:

[Call for curb in fish farms as study shows pest risk to wild fish](https://www.scotsman.com/news/environment/call-for-curb-in-fish-farms-as-study-shows-pest-risk-to-wild-fish-1-4658290) (The Scotsman)

[Fish farm sealice are killing wild salmon](http://asf.ca/fish-farm-sealice-are-killing-wild-salmon.html) (ASF and London Times)

And now, to further compound the many threats posed by sea pen aquaculture, comes news that Marine Harvest Norway, the World's largest aquaculture company is poised to move into the Bay of Fundy. However, it is possible that Marine Harvest's plans to merge with Canada's Northern Harvest Sea Farms will run afoul of Canada's competition legislation.

[Marine Harvest To Set Farms At Bay Of Fundy](http://nbherard.com/business/marine-harvest-to-set-farms-at-bay-of-fundy/65165) (NB Herard)

[World's biggest salmon company arrives in Bay of Fundy](http://www.cbc.ca/news/canada/new-brunswick/salmon-aquaculture-sea-lice-1.4493244) (CBC News)

[Marine Harvest likely to fall foul of competition authorities over Northern Harvest deal](https://www.undercurrentnews.com/2018/01/09/marine-harvest-likely-to-fall-foul-of-competition-authorities-over-northern-harvest-deal/8/) (Undercurrent News)

**3. Land -based Salmon Farming Gaining Momentum**

As environmental and food quality concerns continue to plague the sea cage salmon farming industry, it is heartening to see that rapid progress is being made in the much more sustainable efforts to raise salmon in closed containment systems on land. A Norwegian company is developing a land-based closed containment salmon farm with production capacity of 33,000 tonnes in Belfast, ME. In addition, Irish researchers are exploring advances in land based aquaculture thanks to a European Union research grant.

[Massive land-based aquaculture project planned for Maine, USA](http://asf.ca/massive-landbased-aquaculture-project-planned-for-maine.html)  (ASF & Responsible Aquaculture)

[Irish aquaculture study to focus on benefits of closed water systems](https://www.undercurrentnews.com/2018/01/11/irish-aquaculture-study-to-focus-on-benefits-of-closed-water-systems/) (Undercurrent News)

**4. NSP Annapolis Turbine Contravenes Fisheries Act**

It has been suggested that Nova Scotia Power's 33 year old turbine on the Annapolis River has been operating in clear contravention of the Fisheries Act.

 ["NSP accused of violating fisheries act with 33-year-old turbine"](http://thechronicleherald.ca/novascotia/1519154-nsp-accused-of-violating-fisheries-act-with-33-year-old-turbine) (Chronicle Herald)
"[DFO, NSP knew that Annapolis tidal turbine killed fish](http://thechronicleherald.ca/novascotia/1520624-dfo-nsp-knew-that-annapolis-tidal-turbine-killed-fish)" (Chronicle Herald)

[DFO reviewing reports of Annapolis turbine fish kills](http://thechronicleherald.ca/novascotia/1521652-dfo-reviewing-reports-of-annapolis-turbine-fish-kills) (Chronicle Herald).

Nova Scotia Power says it doesn’t need federal approval because the 20-megawatt turbine in the causeway that crosses the Annapolis River doesn’t kill any fish. However, two biologists from Acadia University and a weir fisherman say the facility kills a lot of fish. Every year it is common to see many dead sturgeon (often headless) washed up on salt marshes just below the tidal power plant. The seagulls in the area are certainly aware of the fish filleting potential of the facility as they eagerly mass on nearby roofs awaiting the start up of the turbines. NSP clearly needs to look more carefully and more objectively at the overwhelming evidence for significant fish kills at its facility.

**5. More Delays in Turbine Deployment**

Cape Sharp Tidal is delaying plans to put a second turbine in the Bay of Fundy until after winter, and says it now expects deployment to happen before the summer of 2018. "Part of the work we are doing, which is focused on improving efficiency and reliability, is taking a few weeks longer than we anticipated in our original timeline," Cape Sharp Tidal said in news release. [CBC News Report](http://www.cbc.ca/news/canada/nova-scotia/cape-sharp-tidal-s-next-turbine-deployment-delayed-1.4382727?cmp=news-digests-nova-scotia).

**6. Tidal Energy Updates**

The province is looking for more companies to test their renewable energy systems in the Bay of Fundy and the Bras d'Or Lakes. The program will allow for a total of up to 10 megawatts of energy generated from the two sites.

[Nova Scotia issues call for tidal energy demonstration projects](http://www.cbc.ca/news/canada/nova-scotia/tidal-energy-bay-of-fundy-bras-d-or-lakes-nova-scotia-1.4502704)  (CBC News)

[Applications open for tidal power demonstration permits](http://thechronicleherald.ca/business/1539671-taylor-applications-open-for-tidal-power-demonstration-permits) (Chronicle Herald)

[Nova Scotia opens call for tidal energy demos](https://renewablesnow.com/news/nova-scotia-opens-call-for-tidal-energy-demos-599404/) (Renewables Now)

The Executive Director of the Offshore Energy Research Association has pointed out that there is still a need for much more research into the environmental impacts of these turbines. The non-profit organization dispenses funding from the Nova Scotia Energy Department, made the comments after the province announced a new competition for research funding. In all, $150,000 is being offered to support five projects that will involve the use of Dalhousie's Aquatron — one of Canada's largest aquatic research facilities.

 [Tidal energy research funding announced](http://thechronicleherald.ca/business/1537142-tidal-energy-research-funding-announced?utm_source=email&utm_medium=business_insider&utm_campaign=business_insider) (Chronicle Herald)

[Research needed into environmental impact of tidal energy: executive director](https://www.nationalobserver.com/2018/01/17/news/research-needed-environmental-impact-tidal-energy-executive-director) (National Observer)

[N.S. hopes to spur tidal energy research at Dal's Aquatron](http://www.cbc.ca/news/canada/nova-scotia/aquatron-lab-dalhousie-research-money-tidal-power-energy-bay-of-fundy-1.4489815)  (CBC News)

[Ottawa puts up $1M to fill 'gaps in our knowledge' on tidal energy](http://www.cbc.ca/news/canada/nova-scotia/bay-fundy-tidal-energy-turbine-government-money-project-1.4174121) (CBC News)

**7. Continuing Threats to Right and Minke Whales**

2017 saw a record number of Right Whale deaths along the east coast, mostly from fishing gear entanglement and ship strikes. US and Canadian governments are scrambling to find ways to reduce the mortality. There are some indications that they are moving from their traditional feeding grounds in the Bay of Fundy to areas where they are more vulnerable.

[North Atlantic right whales in danger](http://science.sciencemag.org/content/358/6364/730.2) (Science)

[Ocean microphones signal habitat shift for endangered right whales](http://www.cbc.ca/news/canada/nova-scotia/ocean-microphones-signal-habitat-shift-for-endangered-right-whales-1.4428209?cmp=news-digests-nova-scotia)  (CBC News)

While Minke Whales are not regarded as threatened, it is disturbing that 28 have been found dead along the east coast over the past year, including one found recently on Digby Neck. It is not yet clear what is killing these animals.

[Dead minke whale washes ashore on Digby Neck](http://www.cbc.ca/news/canada/nova-scotia/dead-minke-whale-washes-ashore-on-digby-neck-1.4529705) (CBC News)

[Minke whale washes ashore in Nova Scotia, cause of death not known](https://globalnews.ca/news/4020447/minke-whale-washes-ashore-in-nova-scotia-cause-of-death-not-known/) (Global News)

[Dead minke whale washes ashore near Tiverton, N.S.](https://atlantic.ctvnews.ca/dead-minke-whale-washes-ashore-near-tiverton-n-s-1.3798953)(CTV News)

**8. Erosion and Flooding Concerns in Fundy as Sea Level Rises**

As sea levels in Fundy slowly creep upwards as a consequence of Climate Change there area growing concerns about shoreline erosion in many areas and fears that the extensive dyke system around the Bay are in danger of failing catastrophically. Some are even raining the spectre of the "Island of Nova Scotia"!!! A sampling of some of the recent news reports:

[Erosion continues to threaten group of Saint John properties](https://atlantic.ctvnews.ca/erosion-continues-to-threaten-group-of-saint-john-properties-1.3671424)  (CTV News Atlantic)

[Bay of Fundy dikes need to be repaired, says Sackville mayor](http://www.cbc.ca/news/canada/new-brunswick/nb-aging-dikes-bay-of-fundy-tantramar-1.4399017) (CBC News)

[Isthmus of Chignecto vulnerable to rising sea levels, says MP Casey](http://thechronicleherald.ca/novascotia/1533931-isthmus-of-chignecto-vulnerable-to-rising-sea-levels-says-mp-casey)  (Chronicle Herald)

[Threat to dikes is real, says Cumberland County's EMO co-ordinator](http://www.cumberlandnewsnow.com/news/local/threat-to-dikes-is-real-says-cumberland-countys-emo-co-ordinator-165419/) (Amherst News)

[Dike risk at centre of Advocate Harbour public meeting](https://www.cumberlandnewsnow.com/news/dike-risk-centre-of-advocate-harbour-public-meeting-177746/) (Amherst News)

[Nova Scotia could become an island if centuries-old dikes aren't upgraded, mayor warns](http://www.cbc.ca/news/canada/nova-scotia/dike-tantramar-marsh-flooding-climate-change-rising-sea-levels-amherst-sackville-1.4403406?cmp=news-digests-nova-scotia)  (CBC News)

[Amherst mayor calling on government to fund repairs of failing dikes](https://atlantic.ctvnews.ca/amherst-mayor-calling-on-government-to-fund-repairs-of-failing-dikes-1.3680238) (CTV News)

[Mayors along NB/NS border calling on government to take action on dikes](http://www.sackvilletribunepost.com/news/mayors-along-nb-ns-border-calling-on-government-to-take-action-on-dikes-161777/)  (Sackville Tribune Post)

[Who is going to fix dikes on the Tantramar Marsh?](http://www.cumberlandnewsnow.com/news/who-is-going-to-fix-dikes-on-the-tantramar-marsh-159850/)  (Amherst News)

[Government needs long-term approach to fixing dikes](https://www.cumberlandnewsnow.com/opinion/government-needs-long-term-approach-to-fixing-dikes-184702/) (Amherst News)

**9. Rethinking Causeways, Dams and Fishways**

In the 60s many of the major rivers flowing in to Fundy were blocked by causeways, primarily to protect dyked agricultural land. It has become increasingly apparent that these causeways and dams have had significant adverse ecological effects on these rivers. There is now a growing movement to open some of these obstructions to a more natural tidal regime, or to at least modify them to allow for more effective fish migration. For more details see:

[Studies underway on how to replace old Maritimes causeways](http://thechronicleherald.ca/novascotia/1538008-studies-underway-on-how-to-replace-old-maritimes-causeways) (Chronicle Herald)

[NB Power Looks at New Type of Fish Passage on St. Croix River](http://asf.ca/research-in-the-field.html)  Atlantic Salmon Federation)

**10. Living amongst Marine Driftwood**

An interesting summary appeared in the recent issue of [EurekaAlert](https://www.eurekalert.org/) (The Global Source for Science News) entitled [Life in marine driftwood: The case of driftwood specialist talitrids](https://www.google.com/url?rct=j&sa=t&url=https://www.eurekalert.org/pub_releases/2017-12/pp-lim122017.php&ct=ga&cd=CAEYASoTMjgyMjMwNDU0NzM2Njg5MjM4MjIaODA5NTI5ODAwNzc4ZjZiZDpjb206ZW46VVM&usg=AFQjCNH7LxeV_P66Z4YLFy1ZMEzBYBZQzQ). It describes how a variety of different organisms colonize this driftwood as it slowly decays as it circulates around the Bay of Fundy and other ocean areas. It is based on a paper by David Wildish of St. Andrews Biological Station: Wildish DJ (2017) Evolutionary ecology of driftwood talitrids: a review. *Zoosystematics and Evolution* 93(2): 353-361. <https://doi.org/10.3897/zse.93.12582>

**11. Fundy's Unique Geology Attracting Journalists and Tourists**

The eroding, fossil-bearing, sedimentary rocks around Fundy have long held a fascination for geologists and paleontologists. See [Fundy Issue #31](http://www.bofep.org/wpbofep/wp-content/uploads/2013/05/FI-31-Fundy-fossils.pdf) for an overview. Now these ancient fossil bearing rocks are attracting even wider public attention, particularly after the designation of a large area as "Stonehammer Park, a [UNESCO Global Geopark.](http://www.unesco.org/new/en/natural-sciences/environment/earth-sciences/unesco-global-geoparks/) There is also growing interest in having the Cliffs of Fundy area in the Upper Bay of Fundy also declared a UNESCO Geopark.

[Where ancient rocks and the world's highest tides meet the Atlantic](http://nationalpost.com/travel/where-ancient-rocks-and-the-worlds-highest-tides-meet-the-atlantic-2) (National Post)

[Stonehammer Park scratches surface of Earth’s history](https://www.thestar.com/life/travel/2017/11/01/stonehammer-park-scratches-surface-of-earths-history.html) (Toronto Star)

[Cliffs of Fundy eyes Geopark status](http://m.thechronicleherald.ca/artslife/1528186-cliffs-of-fundy-eyes-geopark-status) (Chronicle Herald)

**13. Fundy Puffins Don't Venture Far**

Seabird researchers may finally have a better picture of where Atlantic puffins spend most of their lives. The brightly billed birds are often studied in their summer breeding season, but where they go for the rest of the year has been a mystery. It now appears that many Bay of Fundy puffins don't venture all that far.

[The secret travelling life of the Atlantic puffin](http://www.cbc.ca/news/canada/new-brunswick/puffin-research-study-migration-1.4426607) (CBC News)

[Machias Seal Island offers puffin-watchers paradise](http://www.cbc.ca/news/canada/new-brunswick/machias-seal-island-offers-puffin-watchers-paradise-1.802235) (CBC News)

**D.** **ADMINISTRIVIA**

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