

2015 kii.ngaay

A YEAR IN REVIEW

Canada
Haida Nation



New Watchmen Cabin for SGang Gwaay

Watchmen and visitors to SGang Gwaay have a lot to celebrate this year; the completion of a beautiful new Watchmen cabin nestled into the shoreline on SGang Gwaay. The cabin has been completed as of early November, and will be unveiled in the spring of 2016.

The new cabin was built by Highlander Marine Services, a local Haida-owned contractor who won the competitive bidding process last year. Their crew started demolition of the old cabin in November 2014, and by early May 2015 had completed archaeological checks and were starting the construction of the new cabin. The new cabin is larger and wider than the pre-existing one, although constructed on top of the original footprint in order to minimize environmental impact. It was designed to accommodate three – four Watchmen at one of

the busiest sites in all of Gwaii Haanas, and represents a significant upgrade from the tents of the volunteer Watchmen who first set up camp at SGang Gwaay in the early 1980s. The new cabin replaces the well-loved cabin built by a local crew led by Captain Gold thirty years ago.

The project generated employment for up to nine locals at once. Challenges unique to building a cabin in the remoteness of a location such as SGang Gwaay include living and working in isolated conditions for months and having barge, boat or fly in all supplies. These include four monumental cedars felled by Taan on Graham Island which now form the corner posts for a building that will stand for decades to come.

The new cabin is part of the AMB's commitment to improving the living conditions of the Watchmen by investing in infrastructural upgrades to Watchmen sites. In 2015 wood sheds were built at all of the Watchmen sites, and SGang Gwaay also received a reinforced helicopter landing pad that has the capacity to accommodate the BC Air Ambulance.

Night Birds Returning Update SGin Xaana Sdiihtl'ixa: Night Birds Returning

Patience is a virtue when it comes to restoration projects. As of September 2015, two years after Gwaii Haanas undertook Canada's first aerial eradication effort, the islands of Murchison and Faraday joined Arichika Island in being officially declared rat free, giving seabirds the chance to return to the islands.

Ancient Murrelets (translated as 'night birds' in Haida) are a Species at Risk, and fully half of the world's population nests on Haida Gwaii, 22% in Gwaii Haanas. Populations of Murrelets and other seabirds have been decimated by the invasive rats on Haida Gwaii, placing a lot of responsibility on the Gwaii Haanas team in the global fight to protect Murrelets.

In 2011, Gwaii Haanas embarked on an ecosystem restoration campaign to reclaim sensitive seabird habitat and restore seabird populations through eradication of invasive rats from ecologically and culturally significant seabird nesting islands. In 2013 Arichika was successfully declared rat free, paving the way for aerial eradication attempts on the much larger islands of Murchison and Faraday. This successful conservation management technique has been used in other regions committed to restoring native species, including New Zealand and the Galapagos Islands.

These efforts have proved successful, and Murchison and Faraday Islands have also now been confirmed rat-free. It is expected that populations of nightbirds will dramatically increase in the coming years; seabird breeding pairs have increased by 44% on other islands where rats have been eradicated. Staff will continue to monitor nightbird returns using automated acoustic listening devices.



Working to Create the First Land-Sea-People Plan

Recognizing that land, sea, and people are all interconnected, the AMB is taking a leadership role by creating the first land-sea-people management plan in Canada. The Gwaii Haanas Land-Sea-People plan will replace the two existing management plans for the area - the 2003 terrestrial management plan and the 2010 interim marine management plan - and will include an integrated vision and strategic direction for managing Gwaii Haanas' natural and cultural resources from mountaintop to seafloor.

The AMB is developing the Land-Sea-People plan with advice from the Gwaii Haanas Advisory Committee (GHAC), a multi-stakeholder committee that has been in place since 2014. The GHAC is comprised of Haida traditional knowledge holders, commercial and recreational fishers, tour operators, youth, academics, and individuals from environmental organizations. According to Hilary Thorpe, the marine project manager at Gwaii Haanas, the wide range of perspectives on the GHAC help ensure that the Land-Sea-People plan is balanced and reflects the wide range of people who benefit from Gwaii Haanas. "It is amazing to see people with diverse backgrounds and different interests come together and reach agreement on issues. Although it takes time, engaging stakeholders during the development phase leads to a better plan in the end."

Fellow planning team and AMB member Cindy Boyko agrees. "It's the relationships we build that move things forward," she says. And moving forward it is — the AMB anticipates that the Land-Sea-People plan will be completed in 2016. We invite you to visit www.pc.gc.ca/gwaiihaanas for updates or contact amb@pc.gc.ca to get in touch with the planning team and be added to our stakeholder distribution list.



AMB members from left: Colin Ernie Gladstone (Parks Canada), Jason Alsop (Haida Nation), Robert Bennett (Haida Nation), and Tyler Peet work together to manage the land, sea and people in Gwaii Haanas.

A message from the AMB

The Archipelago Management Board (AMB) embodies the best of partnership, bringing together representatives from the Haida Nation and the Government of Canada to co-manage Gwaii Haanas. The board has three members from the Haida Nation, two from Parks Canada, and one from the Department of Fisheries and Oceans, who work together using a consensus based decision-making process on all issues related to the management, planning, and operation in Gwaii Haanas.

This year the AMB is proud to report that our efforts to bring in more Haida, youth, and locals to work and connect with Gwaii Haanas have been very encouraging. Well over half of Gwaii Haanas staff are Haida, and 87% of staff are locals. We have worked hard to increase engagement and employment opportunities for local youth, and have outreached to youth in programming ranging from the Haida Gwaii Youth Assembly to Swan

Gwaii Haanas Invests in Youth

This summer 41 grade nine students from across Haida Gwaii had the special opportunity to visit *Hlk'yah GaawGa* (Windy Bay) and *T'aanuu Lnagaay* (Tanu) in Gwaii Haanas as part of the inaugural cohort of a pilot programme between School District 50, Mount Moresby Adventure Camp (MMAC), and Gwaii Haanas. The students were able to spend three days and two nights in Gwaii Haanas following a week long outdoor education camp with MMAC. Students spoke to Watchmen, spent time deepening their understanding of the rich interconnections between land, sea, and living Haida culture, and learned of the unique mountaintop to seafloor management of Gwaii Haanas.

This program is part of the AMB's commitment to providing opportunities for every youth on Haida Gwaii to experience Gwaii Haanas before graduating from high school. It builds upon the salmon restoration project that select students

Bay to exhibit openings in Vancouver. We are also committed to ensuring that every youth on island has the opportunity to experience Gwaii Haanas by the time they graduate, and have partnered with School District 50 and Mount Moresby Adventure Camp to make this vision a reality: as of the summer of 2015, every Grade 9 student from across Haida Gwaii will have the opportunity to visit Gwaii Haanas.

We are excited by new developments in conservation and restoration efforts in Gwaii Haanas. AMB is thrilled to add Murchison and Faraday to the list of islands that are rat-free, as we have already started to see evidence of the return of night birds and medicinal plants. Have a look through the rest of the Kii.ngaay content for more exciting developments, including with peregrine falcons, eelgrass, and the discovery of new archaeological features.



have been able to participate in over the past five years. In the words of Stephanie Fung, Public Outreach Education Officer with Gwaii Haanas, "We wanted to find a way to ensure that all local youth could access Gwaii Haanas, and that they could spend more time there. These youth are the future stewards of Gwaii Haanas and we need them to have a personal connection with it."

New Boat - Skiiga

Research and conservation activities in Gwaii Haanas were given an added boost this summer with the acquisition of a new boat, "Skiiga". *Skiiga* in the Xaayda Kil (Skidegate dialect) expresses 'water spray' an homage to spray created by a moving boat. Having *Skiiga* enabled staff to conduct near shore activity such as gaining closer proximity to eelgrass, and the boat quickly turned into one of the staff favourites!

New Signs - Administration Building

Visitors to the Gwaii Haanas offices in Skidegate may have noticed a new addition this past year. Gwaii Haanas team members have installed two new green signs welcoming visitors, mounted on the left of the main entrance.



Haida Gwaii Youth Assembly

2015 marked the first year that Gwaii Haanas participated in the Haida Gwaii Youth Assembly (HGYA). Camille Collinson and Dan McNeill represented Gwaii Haanas as team leaders for the three day event, where they were able to connect with youth from across Haida Gwaii. "I think we learned just as much from the youth as they did from us," says Camille. "We look forward to attending and working with our young island leaders in the years to come."



Did you know?

AMB has established that elementary and secondary school-aged student and youth groups based on Haida Gwaii are exempt from Gwaii Haanas visitor fees.



Restoring Balance - Ramsay

Gwaii Haanas is in the beginning stages of a project to restore balance on Ramsay and surrounding islands. In May of 2015 a group of international experts met with the AMB and local knowledge-holders to lay the groundwork for the restoration of the native flora and fauna in one area of Gwaii Haanas through the complete removal of invasive deer from Ramsay Island and the surrounding smaller islands—the Bischofs, Faraday, Murchison, Hotspring, and House.

Removing grazing pressure from a large terrestrial zone will lead to recovery of native and endemic herbs, shrubs, and trees including culturally important species such as Western Red Cedar, Yellow Cedar and Sitka Spruce. In turn, regeneration of the forest will likely increase habitat quality and quantity for native bird, mammal, amphibian, and invertebrate species, resulting in the return of a more complex, naturally functioning ecosystem. This project will allow for the elaborate structure of understory to rebound and fill the space with complex, resilient, culturally and ecologically important growth.

Ramsay Island was identified as an important place to launch this project due to its remoteness from other islands. There will be less chance of re-invasion, and, will eventually mean high visitor exposure to a site that can become representative of Haida Gwaii prior to the introduction of invasive mammals and of the Haida Nation's 1000 year cedar strategy. Conservation and Restoration Project Manager Robyn Irvine is in the process of developing project plans and looks forward to launching the program when the planning phase is complete.

Resource Conservation Work Experience Program...

is a skills-building program that offers local Haida with a background in science or currently pursuing a degree in science to gain up to two years experience working in resource conservation. This year Gwaii Haanas was pleased to have Niisii Guujaaw, Mary Hart, Leah Young, and Goox Beaton in this program.

Haida Gwaii Staff

59 staff at peak level in Gwaii Haanas in 2015

87% are local hires

58% are Haida

5 local students were hired through Young Canada Works Program

95% is the visitor satisfaction rate for Gwaii Haanas



2015 Year 3 and 4 cohorts along with ADLP Program Coordinator, Nicola Pritchett; Workforce Management & Leadership Branch Director, Luc Martin; and ADLP Elder, Chuck Hume

On the job training

Tana Hooper is ecstatic about the opportunity she had to travel to Whitehorse this spring to meet up with the rest of her cohort from Parks Canada's Aboriginal Leadership Development Program (ALDP). The program is a four year skills development and leadership initiative offered through Parks Canada. Each year, participants from across Canada gather together to learn skills in conflict resolution, project management, communications, career planning and more.

Tana has been involved with Gwaii Haanas since 2000. She is one of five Gwaii Haanas staff who have had the opportunity to be a part of ALDP. Now in her third year, she speaks to the camaraderie of the program, "For me, the personal growth and networking have had the biggest impact. At least once a month I'm emailing my cohort." Tana is enthused by the opportunity ALDP offers to engage with other Aboriginal leaders from across the country, develop new skill sets, and broaden her scope of the work Parks Canada carries out nationally.

Urban Outreach

This year, eight students from across Canada were hired to do outreach for Parks Canada at the Vancouver Aquarium and Science World. One of the students developed a "Journey to Gwaii Haanas" custom interpretive program which, together with other short interpretive programs, reached an urban audience of 99,044 people.

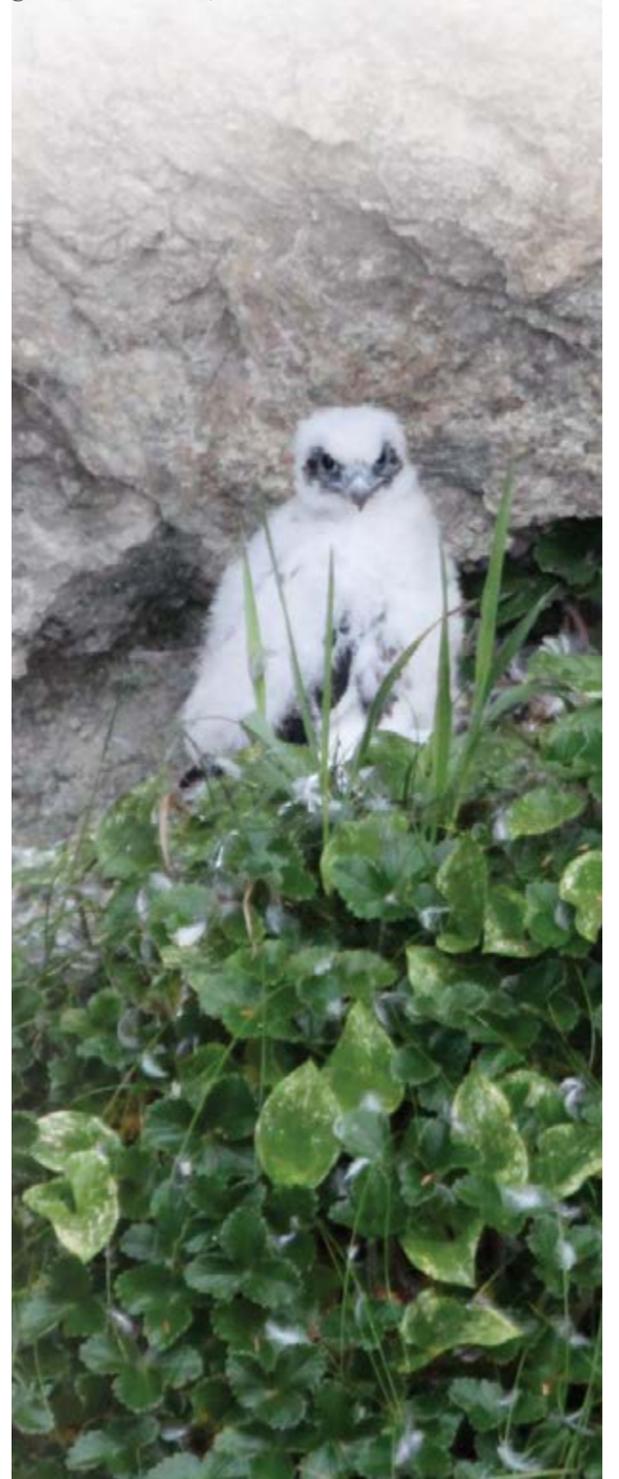
Here on Haida Gwaii, Erika Yahgujaanas knew she had had an impact as a member of the 2014 Parks Canada Outreach Team when several visitors to the islands recognized her while she was working the front desk at The Haida Heritage Centre at Kay Llnagaay. They remembered her from when she gave presentations in Vancouver last summer!



Peregrine Falcons

This summer Judson Brown and Dan McNeill represented Gwaii Haanas on the Peregrine Falcon survey. They explored much of the Haida Gwaii coastline by boat and helicopter, looking for the elusive Peregrine Falcon. Their efforts added to decades of research on Peregrine Falcons, which have been monitored on Haida Gwaii since 1971. Every five years Gwaii Haanas and the Ministry of Forests, Lands, and Natural Resource Operations collaborate to assess the numbers of Peregrine Falcon pairs present during the breeding season.

Dan and Judson were happy to report that their findings this year suggest a stable population, part of an overall trend of an increasing population since the 1970s. They also pointed to many success stories that emerged from the 2015 survey: For the first time ever, they confirmed Peregrine Falcons nesting inland, almost 2km away from the coastal cliffs where they are generally found. They also found falcons re-appropriating an eagle nest for their own use, another first. Thanks to advancements in technology, they are also finding and monitoring more nesting sites; thirty years ago there was only 80 recorded sites, this year they found over 90 occupied territories and checked and geo-marked over 700.





Haida Artist Program Drawing Visitors Back to *Gandll K'in Gwaay.yaay* (Hotspring Island)

2015 marked the inaugural year of a Haida Artist Program on Hotspring Island. Hotspring Island had seen a dramatic reduction in visitation since the 2012 earthquake stopped the flow of water to the hot springs, and the Haida Gwaii Watchmen introduced this program as a way to increase visitation and feature Haida artists. In total, four local artists were able to showcase their weaving and carving skills for two to four week shifts at Hotspring Island. Each artist brought different skills to the residency: Reg Wesley in argillite, Ken Hans in wood, Elsie Stewart-Burton in weaving cedar, spruce root, and wool, and Clayton Gladstone in silver, gold, and wood.

Watchmen Program Manager, Upsey Moody confirms "the program was an all-around success".

Artists were able to share their craft, generate commissions, and be inspired by the 'Islands of Beauty.' Visitation on Hotspring Island increased by 44 percent. And visitors were able to enhance their understanding of traditional Haida art forms and partake in an experience that they won't soon forget. Many visitors left testimonies speaking to how deeply impacted they were:

"What a special place. Your artwork is truly incredible. Thank you so much for sharing."

"Amazing - So wonderful to enjoy Hotspring [Island] and conversation and weaving."

"Your generosity of spirit has touched me deeply. Thank you so much - keep the stories alive!"

The Haida Gwaii Watchmen Program is thrilled to offer the program again in 2016.



Eelgrass Update

Eelgrass is critical habitat for many marine species, including juvenile salmon, herring, rockfishes and lingcod. Back in 2004, Gwaii Haanas Marine Ecologist Norm Sloan understood the importance of monitoring eelgrass health and spearheaded an annual survey prior even to the creation of the National Marine Conservation Area Reserve.

2015 marks the thirteenth year of eelgrass monitoring, and researchers Norm Sloan, Clint Johnson-Kendrick, Niisii Guujaaw, and Dan McNeill are pleased to report that Gwaii Haanas eelgrass meadows are the healthiest compared to other eelgrass monitored along the BC coast. As part of their data collection, they monitored water quality, eelgrass epiphyte load, and fish communities. Their findings are in line with previous years that show a consistency in diversity and richness of fish species living in the eelgrass.

Norm's Retirement

The AMB and the Gwaii Haanas team warmly thanks Marine Ecologist Norm Sloan, who retired this year after 17 years with the field unit. Along with a multitude of science journal publications, Norm spearheaded data compilation projects that facilitated and informed planning processes, thereby directly contributing to the creation of the National Marine Conservation Area Reserve and Haida Heritage Site. Norm's work was also influential in that it included all of Haida Gwaii, enabling us to better understand Gwaii Haanas in the context of the rest of the islands. Staff celebrated his successes and his love for the marine world at a retirement party, complete with giant painted marine invertebrates and a sea urchin cake!

Interested?

...in the most up to date information and photos from Gwaii Haanas? Look for us on Facebook: [Gwaii Haanas - Islands of Beauty.](#)



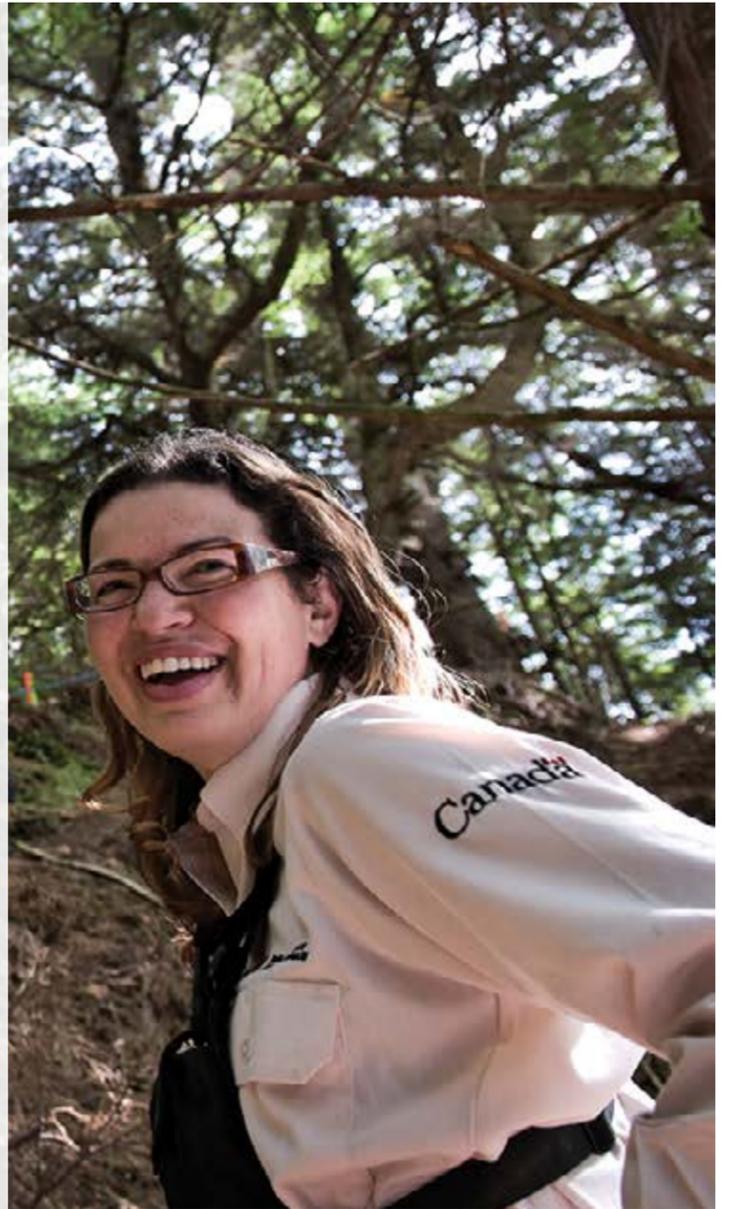
New and Former Staff

Gwaii Haanas would like to thank Norm Sloan (outgoing Ecologist Team Leader) and Maggie Stronge (Interpretation Office Coordinator) for their years of work. We wish them well in their retirement.

Congratulations to Dave Argument and Laurie Wein, who have moved on to positions at Parks Canada's headquarters in Gatineau, Quebec, and to Drue Kendrick, who is embarking on an entrepreneurial venture in the world of change management.

Gwaii Haanas would also like to welcome new faces to our team this year: Tyler Peet, Robyn Irvine, Lynn Lee, Geoff Alton, Jay Jones, Mary Hart, Leah Russ, Laura Beaton, Chris Ashurst, and Charlotte Houston along with students Austin Crosby and Preston Sloan, Coleman Young, Hanna Byrant and Heidi Richardson. It was so exciting to have so many new young faces join us this year and to hear the excitement they shared about their adventures in Gwaii Haanas.

Congratulations also go out to Karen Fladmark who took educational leave to work toward a Business Diploma at the University of Victoria, which will directly support her in her role as finance manager. Thanks to Brenda Georget from Prince Albert National Park who has been helping out in Karen's absence.



Artists in Residency in Gwaii Haanas

Rosa Quintana Lillo from Agassiz, BC, is a mixed-media, abstract landscape painter. Matt Miles, from Victoria, is a documentary filmmaker and media producer. And Kathy Pick, from Queen Charlotte, specializes in creating natural art with found objects. Together, these three artists were selected to participate in the 2015 Gwaii Haanas Artists in Residency Program.

Now entering its' fifth year, this residency program is a partnership with the Haida Gwaii Museum. It offers artists the opportunity to conduct artistic research through a tour of Gwaii Haanas for one week with Gwaii Haanas staff as guides and hosts. Artists draw inspiration from their time in Gwaii Haanas, which influences their work. In the words of Rosa Quintana Lillo, "The islands of my paintings

became finite worlds on a curved horizon. Silver leaf became increasingly important as a translation of water and sky. Broad bold brushstrokes came to signify floating islands in large shimmering fields of silver." Each of the artists then spends a week at the museum engaging with the public and sharing their experience through a speaker series presentation. Artwork that they created as a result of their Gwaii Haanas experience will be exhibited at the Haida Gwaii Museum starting in January 2016.

New this year, each of the artists is also participating in the *Gwaii Haanas: Land Sea People Exhibit* at the Bill Reid Gallery in Vancouver. The exhibition celebrates the interconnectedness of land, sea, and Haida culture, telling the story of Gwaii Haanas through contemporary art by Haida and Canadian artists. Parks Canada is excited to collaborate with the Bill Reid Gallery to deliver this ground breaking

public exhibition, from October 28, 2015 to March 27, 2016. The exhibition opening was standing room only, packed with over 300 people who came out to view the artwork and to hear the engaging speakers.





Al Mackie Archaeology

Al Mackie, a consultant with more than forty years of experience working with culturally significant archeological sites for First Nations in BC, and his crew continued their work in cultural resource management this summer, conducting archaeological surveys comparing East and West Coast marine use. In June, Al enlisted the help of Gwaliga Hart, Nadine Wilson, George Wesley, Eric Pineault, Jenny Cohen, and Camille Collinson to scour the West Coast of Gwaii Haanas for archaeological features such as canoe runs, fish weirs, and evidence of mariculture such as intertidal gardens. The crew surveyed intertidal archaeological features during low tide windows, and worked to document sites threatened by erosion and/or rising sea levels. In July, they repeated the process on the East Coast of Haida Gwaii, finding evidence that it had been more heavily used than the West. They were also excited to discover a number of new canoe runs and intertidal sites on the East Coast.

The crew has been working steadily to build a resource inventory of the intertidal areas, enabling Gwaii Haanas to enhance its understanding of sites associated with ancestral Haida marine resource management so that we can continue to work to better understand those that came before us.



Pole Conservation

Annual conservation of the poles at SGang Gwaay is performed to prolong the life of the poles and the house remains. In 1995 Gwaii Haanas was directed by the hereditary leaders to minimize conservation techniques to allow the poles to follow a natural life cycle and return to the earth. Our staff works hard to ensure that our conservation techniques of trimming vegetation growth respect these guidelines.



Visitation

2,114 visitors came to Gwaii Haanas

26% increase in independent visits

14% increase in visits through tour operators

More visitors in shoulder season (visitors came earlier in the spring)

Gwaii Haanas reached peak quota for several days during the season

Deer Exclosure at Hlk'yah GaawGa (Windy Bay)

Ernie Gladstone, Superintendent of Gwaii Haanas, lights up when he talks about his vision for restoring forests in Gwaii Haanas to pre-invasive species conditions. Native flora across Gwaii Haanas have been decimated by the introduction of the Sitka Black-Tailed deer in the 1700s. The lack of natural predators has enabled the deer to flourish in unsustainable numbers. Invasive species have become the number one threat to ecological and cultural heritage in Gwaii Haanas.

Ernie and his team at Gwaii Haanas are seeking to build awareness and understanding of just how significant the impact of deer has been through the creation of protected areas that deer cannot access, known as exclosures. These enclosed areas protect native flora while it regenerates, allowing for the intricate and diverse understory to re-establish. They look to Kunga Island, just east of Tanu, as a model of success. A deer exclosure there has been in place for more than a decade. The forest there is lush, the understory thick. Plants that are medicinally and culturally significant have re-emerged, including ts'ihlanjaww, Devil's Club. And cedar saplings have sprung up, an incredibly important development. Elsewhere, explains Ernie, it is rare to find cedar trees younger than 50 or 100 years old. It is part of the reason why the CHN developed a 1000 Year Cedar Strategy, to ensure that future generations living on Haida Gwaii have the same access to cedar that ancestors did. Gwaii Haanas is proud to be doing work that contributes to the restoration of cedar and other native species.

In the summer of 2015, an exclosure was built at Hlk'yah GaawGa (Windy Bay) on Lyell Island. The Gwaii Haanas team and Watchmen are looking forward to watching for and sharing with visitors, the abundance of plant life and young saplings that may emerge as the forest begins to resemble what forests looked like prior to the introduction of invasive species.



Rat Patrol: Building A Genetic Database for Rats

A large number of rat genetic samples were collected in Gwaii Haanas this summer by Resource Conservation staff to support the building of a genetic database for Gwaii Haanas rats. Although invasive Norway and Black Rats have inhabited Gwaii Haanas for decades, the isolation of islands likely results in genetic variation between island rat populations. By identifying the genetic signature of individuals in relation to the islands they inhabit, researchers hope to be able to understand invasion patterns of rats in Gwaii Haanas. This is vitally important as it will enable managers to strengthen their biosecurity efforts, another part in working to prevent rats from re-invading islands that have been declared rat-free.



Gwaii Haanas Resource Management Officer Debbie Gardiner with the Port Clements Council

Rat Awareness Signs

Gwaii Haanas staff in partnership with BC Parks have been working hard to protect seabirds from invasive rats in Gwaii Haanas this summer. Several islands, including Arichika, Murchison, and Faraday have been confirmed rat free, and staff are committed to ensuring that re-invasion does not occur. All visitors and tour operators participate in a pre-trip orientation, and participating harbours have new informational signage posted about how boaters can help prevent accidentally transporting these invasive species. Additionally, Gwaii Haanas has a biosecurity program that provides free rat trap kits to marine vessels, handing out more than 300 kits this summer alone.

Jedway - Slope Stability

Researchers and Gwaii Haanas staff spent a week in Jedway this summer, conducting surveys assessing slope stability. Jedway is an abandoned iron-ore mine site in the heart of Gwaii Haanas. It has been more than 40 years since Jedway was last an active industrial area, and vegetation has covered much of the site. However, it is an important site to monitor due to the tailings pond that remains. In collaboration with the Province of British Columbia, Gwaii Haanas staff used a drill to conduct a geotechnical site assessment. The goal of the survey was to establish slope stability and ensure the integrity of the walls of the tailings pond in the case of a major earthquake or tsunami. The report from the survey is expected in the spring of 2016.



Hot Springs

Three years after the magnitude 7.7 earthquake that dried up the hot springs, a team from Gwaii Haanas was elated to discover that hot water is once again flowing on *Gandll K'in Gwaay.yaay*, Hotspring Island. In early November, Gwaii Haanas Superintendent Ernie Gladstone stopped in to check on the thermal pools and discovered hot water flowing into several of the pools. Staff will continue to monitor water temperatures and flow and everyone can cross their fingers that the trend will continue and there will be hot springs to enjoy.



Technological Advances in Gwaii Haanas

Many people associate Gwaii Haanas with breathtaking, remote landscapes, steeped in thousands of years of Haida culture. What they may not realize is that Gwaii Haanas is also at the cutting edge of new technologies and research methods. Tyler Peet, Resource Conservation Officer, is passionate about the added boost that advances in technology has given conservation efforts in Gwaii Haanas. New devices and techniques are being used for a wide variety of purposes, from using remote motion sensor cameras to help monitor against re-invasion of invasive species to recording seabird abundance with the use of automated acoustic recording units. Scientists study the frequency and distribution of the birds' calls to gauge project success, as well as monitor a number of other ecosystem responses. Tyler explains that technology offers many benefits: it enables staff to be less invasive, as they can monitor the device instead of being physically present around the animals being studied. It increases precision, allowing staff to geo-mark archaeological and nesting sites with exact coordinates. It can improve safety, such as with new prototypes of satellite walkie talkies that Gwaii Haanas is looking to acquire. And, using technology increases cost-saving dramatically. Carey Bergman, a terrestrial ecologist with Gwaii Haanas, speaks to the pleasant surprise she received when she realized that her acoustic monitors set out for seabirds had also been capturing grouse acoustics, enabling her to capture different streams of data with just one device.



Exploring the intertidal with a Gwaii Haanas Interpreter!

3107 visitors participated in guided hikes, interpretive presentations and activities with Gwaii Haanas interpreters!

Make it happen!

Download the Trip Planner from our website and start planning your trip to Gwaii Haanas today!



Gwaii Haanas
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and Haida Heritage Site

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