Hawai'i Volcanoes' New Sister is La Réunion National Park



Piton de la Fournaise volcano of La Réunion Island erupted as ambassadors for the park attended BioBlitz at Hawai'i Volcanoes and signed the sister park agreement.

Photo from La Réunion National Park

Hawai'i Volcanoes National Park and La Réunion National Park, located on a French volcanic island in the middle of the Indian Ocean, signed a sister park agreement May 20 to fortify mutual collaboration and cooperation between them.

Both Hawai'i Volcanoes and La Réunion National Parks feature active volcanoes and are celebrated throughout the world for their geological, biological and cultural attributes. Both islands are located in the middle of vast oceans and are situated over volcanic hot spots. La Réunion's Piton de la Fournaise (Peak of the Furnace) is listed among Earth's most active volcanoes and stands 8,632 feet above sea level. Like Kīlauea, it is a shield volcano and currently erupting.

La Reunion island is about the size of Kaua'i and has many landscapes similar to Kaua'i and Hawai'i Island.

Both parks are designated as World Heritage Sites by the United Nations Educational, Scientific and Cultural Organization, which seeks to encourage identification, protection and preservation of cultural and natural heritage around the world considered to be of outstanding value to humanity.

"La Réunion is a wonderful ambassador on behalf of the precious world heritage of France. Our resources join us together – shield volcanoes and endemic and endangered species. We are proud to share with the community the joining of two of the wonders of the world," said Hawai'i Volcanoes National Park Superintendent Cindy Orlando. She and President of La

Natl. Park Sister, pg. 14

THE KA'O CALEDDAR June, 201

Resort Plans Revamped at Disco Harbour

Discovery Harbour community members and the county Planning Department are studying a plan presented by South Point Investment Group that would add a small hotel, condominiums, cottages and shopping center to Discovery Harbour, as well as renovate its golf course with a driving range.

About 75 attended the meeting at the Discovery Harbour Community Center in May, led by county planner Ron Whitmore, who is in charge of the Kaʻū Community Development Plan.

Gary McMickle, managing partner for South Point Investment Group, presented the idea of a small resort development with a 40-room lodge at Discovery Harbour, away from the uninhabited Ka'ū coastline. He and his partners propose their development to be located at the entrance to Discovery Harbour off of Wakea Avenue with a total of 225 resort units, including hotel rooms, cottages and low-rise condos. McMickle showed photos of resort developments as examples of what could be done there. He showed Ko'ele Lodge on Lāna'i as a hotel. He showed Po'ipu Shopping Village on Kaua'i, the Kukui'ula shopping center, also on Kaua'i, and the Shops at Mauna Lani. He showed footprints of these buildings superimposed on a Discovery Harbour plan.

Resort Plans, pg. 2

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Miloli'i * P12 Star Map * P13 Health * P14
Volcano * P15 Energy & Sustainability



Visitors and residents often gather after dark at Jaggar Museum observation deck in Hawai'i Volcanoes National Park to observe the glow from a lava lake within Halema'uma'u Crater. NPS Photo courtesy of Alex Werjefelt

Old Courthouse New Testimony Site

The interactive site where residents can witness and testify at county meetings, while remaining in $Ka\dot{u}$, has been moved from Ocean View Community Center to $N\bar{a}\dot{a}$ lehu. The first June County Council meeting will be broadcast to and from the old state courthouse in $N\bar{a}\dot{a}$ lehu following the move of the teleconferencing facility.

Kaʻū's council member Maile David said she is happy that the facility on Hwy 11 will have a new purpose and provide a centralized location for the community to witness and provide testimony at council committee and regular council meetings. She said the state has agreed to allow the county to use it rent-free and that it may become available for other community meetings.

David studied use of the courthouse when she worked for the county's Legislative Research branch and recently looked back at records to restart the conversation with the state to reopen it.

David also noted that for Nā'ālehu ballpark, she purchased a scoreboard with her contingency funds. She is also looking into Pāhala tennis court lights.

New Species ID'd at BioBlitz

More than 6,000 people participated in BioBlitz and the Biodiversity & Cultural festival at Hawai'i Volcanoes National Park May 15 and 16. Students, citizen scientists and experts identified more than 22 new species to add to the park's list and captured a vivid snapshot of the unique plant and animal biodiversity with the sighting of 73 threatened species. Seventeen new fungi were also documented.

Sponsored by the National Geographic Society and numerous local contributors, the event attracted more than 170 leading scientists and traditional Hawaiian cultural practitioners. They conducted a comprehensive inventory of plants, insects, mammals, birds and other species that inhabit the 333,086-acre park. Under the theme of I ka nana no a 'ike (By observing, one learns), alakai'i were integrated into the survey teams for a more holistic approach to the research and exploration endeavor. With a scientist-to-student ratio of one to five, students worked side-by-side with top scientists.

The initial scientific species count as of the BioBlitz closing ceremony was 416, with 1,535 observations recorded over the course of the two-day event. Organizers expect this number to increase significantly over the next several months as cutting-edge testing of the collected samples continues.



Amy Kaawaloa of Hālau Hulu Ulumamo o Hilo Paliku. NPS Photo by Jessica Ferracane

KA'U BUSINESS & REAL ESTATE

Volume 13, Number 6 The Good News of Ka'ū, Hawai'i

Resort Plans, cont. from pg. 1

possibilities for the proposed Discovery Harbour commercial center are a gourmet food store, snack shop, gift shop, tourist activity business, seven clothing stores, three art galleries and five restaurants.



Discovery Harbour and its golf course would benefit from small-scale lodging, like Ko'ele Lodge on Lāna'i, said South Point Invest-

McMickle said that the golf course would be improved and stressed that visitor accommodations are needed to support the cost of maintaining the golf course. He said that the golf course failed years ago when owners were spending \$50,000 a month to maintain it with little income.

Calling Discovery Harbour "a diamond in the rough," McMickle said that one reason his group thinks their plan will put Discovery Harbour into recovery is because so much infrastructure, including water lines for the commercial center and the roads, were installed in the past for unbuilt development.

The plan suggests that Discovery Among enterprise examples listed as Harbour could not only be reached from Kama'oa Road and Wakea Avenue but also Ka'alu'alu-Wai'ōhinu Road.

> The plans were drawn by RTKL, an ARCADIS Company, which McMickle described as one the top visitor accommodation designers in the world. He promised that the buildings would be very Hawaiian with a lot of vegetation.

> The parcels where the development would go are currently classified Agriculture by the state and Open by the county. For the parcels, the draft Ka'ū Community Development Plan suggests: "Explore with the community the possibility of establishing a 'Low Density Urban' or 'Retreat Resort Area."

> During the public meeting, county planner Whitmore put forth options landowners could choose to gain approvals for their project at Discovery Harbour.

> One option is to apply for a Special Permit. The Windward Planning Commission would review and make recommendations, but the State Land Use Commission would make the final decision. Public hearings would be held at both steps, and the permit can be specific to particular uses and be conditioned.

> A second option is Rezone, in which the state Land Use Commission would have to



A proposed development at Discovery Harbour includes a small hotel, condominiums and Map from South Point Investment Group

change the property from Ag to Urban, and the county would have to approve a General Plan amendment and change of zoning. This process would likely have three steps: Windward Planning Commission, County Council and state Land Use Commission. Public hearings would be held at each step, and the permits can be conditioned.

Both routes for the development would include environmental review, including

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historic preservation, water, wastewater and traffic. Whitmore explained that permits would very likely include conditions to mitigate impacts and require infrastructure improvements, such as water system improvements and a wastewater treatment system.

McMickle said in an interview that a permit for a project on the land was approved by the county in the early 1970s and

Resort Plans, pg. 8



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THE KA'Ū CALEDI

The Good News of Kaʻū June 2015, Vol.13, No. 6

Published by: The Ka'ıı Calendar, LLC. P.O. Box 940, Pāhala, HI 96777 Phone: (808) 928-6471

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Printed by Hilo Bay Printing www.kaunewsbriefs.blogspot.com

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Ka'ū: World's Largest Hawaiian Fishhook Collection

Ka'ū is the source of the world's largest collection of Hawaiian fishhooks. Images and descriptions of the more than 4,000 fishhooks are now online, with funding from Hawai'i Council for the Humanities. The address is data. bishopmuseum.org/archaeology/index.php?b=i.

The artifacts, including fishhook-making tools, were excavated in 1953 and 1959, kept at Bishop Museum and Bone fishhook from Makalei photographed, with their im- cultural site in Ka'ū. ages recently uploaded to the Photo from Bishop Museum



Bishop Museum online data base for study and public

Archaeologists William Bonk, Kenneth P. Emory and Yoshiko Sinoto collected the fishhooks in Ka'ū at Makalei Rockshelter, Pu'u Ali'i and Wai'ahukini Rockshelter. According to Bishop Museum, they date from A.D. 1300 to the 1800s.

Fishhook-making styles have linked early Polynesians landing in Ka'ū to islands in the Marquesas. Fish



A bone fishhook from Wai'ahukini cultural Photo from Bishop Museum bones, also found in the archaeological sites in Ka'ū, show what residents were eating and how their diets varied over time.

A message on the Bishop Museum website cautions: "Please remember that these and other cultural sites are wahi pana, or culturally significant places. If you visit these places, please show respect for them. Do not touch or remove anything that be-



A bone fishhook from Pu'u Ali'i cultural site in Ka'ū. Photo from Bishop Museum longs near or around these areas.'

The website includes an interactive game called the Ho'omaka Hou Research Initiative Fishhook Memory Game.

CDP Discussions Focus on Agriculture & Coast Preservation

Strategies for preserving Ka'ū's agricultural and coastal lands for this and future generations were center stage at public meetings on the Ka'ū Community Development Plan last month at Nā'ālehu Community Center.

One objective of the CDP is to preserve prime and other viable ag lands and enhance viewscapes that exemplify Ka'ū's rural character. The CDP identifies urban areas that preserve surrounding ag lands and establishes firm urban growth boundaries. It prohibits rezones that would increase residential density in agricultural areas. It also guides expansion of lands held in public trust, including ag conservation easements.

One of the challenges identified for farmers and ranchers is limited land tenure. County planner Ron Whitmore reviewed planning tools designed to help farmers come up with leases or ownership strategies for land security. Included were strategies to **Agricultural Lands** for Agriculture

put farmers in a position that would be secure enough to allow banks to lend money for farming enterprises.

Several members of the coffee industry were present, including growers who built Ka'ū Coffee farms at Moa'ula and Pear Tree over the last two decades but find themselves with no long-term leases where their coffee is grown. The land is currently for sale. Should the land be sold and subdivided with housing allowed, high prices could preclude most Ka'ū Coffee farmers from buying their plots though some have said they would like to buy their farms.

Hawai'i Farm Bureau President Chris Manfredi brought up the idea that Covenants, Conditions and Restrictions on farm property could preserve substantial acreage

for agriculture with houses built by new owners on only a small area of the land.

Whitmore mentioned a possible planning tool where ag properties could accommodate small farms, with parcels leased out, without the possibility of building houses on them. This could keep farmland out of the speculative housing market with leases secure enough to allow financing for ag.

Another option would be to seek private and public funding to buy ag land to preserve it under some kind of ag park or cooperative arrangement.

> Whitmore explained that any existing CDP Discussions, pg. 9





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KA PEPA PAHALA

The Good News of Kaʻū, Hawaiʻi

The Good News of Ka'ū, Hawai'i Coffee Festival Celebrates Farmers & Rural Ka'ū

Ka'ū Coffee Festival 2015 drew visitors from afar to ten days of events held at Pāhala Community Center, Ka'ū Coffee Mill, Aikane Plantation Coffee Farm, Makanau, Pāhala Plantation House and Ka'ū Coffee farmers' coffee lands.

Miss Ka'ū Coffee 2015 Maria Miranda reigned over the event with Ka'ū Coffee



Ka'ū Coffee Mill led Coffee Fest enthusiasts on a hike into the forest, along the old flumes and waterlines, as well as a sunset and stargazing event at Makanau. Photo by Jesse



The Coffee Experience brought baristas to make special drinks with state Department

Photo by Geneveve Fyvie frequenting local

princesses Joyce Ibasan and Vivien Santos. Ka'ū Coffee farmer Annabelle Orcino took home the Buy Local It Matters grand prize of \$1,000 from the of Agriculture for businesses.

Tunison

Skylark and Kumu Hula Debbie Ryder emceed the Saturday, May 2 ho'olaule'a that drew thousands of people to taste and buy



Aikane Plantation Coffee owners Phil and Merle Becker hosted coffee festival goers on a hay ride into the backcountry of Ka'ū and a visit to their coffee orchards, and ranch lands.

Ka'ū Coffee and visit farms. Hula Hālau danced. Musicians, including Nā Hōkū Hanohana nominee Bolo, performed. Community groups raised money selling food and

During the week leading up to the



Farmers provided tasting opportunities and sold their individual Ka'ū Coffee brands.

Photo by Jesse Tunison



Three hālau danced at Ka'ū Coffee Fest. Photo by Jesse Tunison

Photo by Jesse Tunison ho'olaule'a, visitors enjoyed the opportunity to explore the Kaʻū backcountry at ranches,

farms, forests and for stargazing. An opening pa'ina gave an inside look at historic Pāhala Plantation House with entertainment from jazz great Volcano Choy and Makana Kamahele and friends.

Chris Manfredi, one of the Ka'ū Coffee Festival organizers, said, "The 2015 Ka'ū Coffee Festival may have been our best yet. The weather was terrific; things ran smoother; vendors and visitors were thrilled. We had great attendance. The baristas and featured coffees at the Ka'ū Coffee Experience were spectacular. Several farmers commented that the Ka'ū Coffee College was our best ever. The theme, Coffee Quality: What it is and Why it Matters to Ka'ū, offered some timely and practical advice that will help Ka'ū producers stay on the best path for long-term success. We want to thank all of our spon-

sors, volunteers, vendors, entertainers, attendees and contractors for a gathering that has become a signature event for Hawai'i. Hope to see you all in 2016!"

See more photos and coverage of the entire Ka'ū Coffee Festival at www.kaucoffeefest.com and on facebook, twitter and flickr.



Annabelle Orcino receives her \$1,000 Buy Local It Matters prize from Miss Ka'ū Coffee Maria Miranda and Chris Manfredi.

Photo by Julia Neal



Will Tabios tries his luck at CU Hawai'i Federal Credit Union's Wheel of Fortune.

Photo by Julia Neal



Nā Hōkū Hanohano Award-nominated Bolo entertained the crowd. Photo by Julia Neal



KRHCAI Offers Grant-Writing Workshop

Hi'ilei Aloha, LLC, a nonprofit subsidiary of Office of Hawaiian Affairs, offers a grant-writing and leadership development workshop on Wednesday, June 10 from 9 a.m. to noon at Kaʻū Rural Health Community Center in Pāhala. This free workshop helps nonprofit organizations, leaders and individuals interested in improving their communities by teaching them how to write grant applications.

Participants learn basic techniques and strategies of grant writing and become fa-Page 4 June, 2015

miliar with key parts of grant applications and terms such as needs assessment, budgets and work plans. The class also covers differences among government, foundation and corporate grants. Also, participants continue to receive notification of upcoming grant opportunities. The class is also scheduled in Hilo on Wednesday, July 15 and in Kona on Friday, July 17.

To register or for information, contact Jennifer at 596-8990 ext. 1013 or jenniferc@hiilei.org.



Ocean View Neighborhood Watch meeting, Thu, June 4, 7 p.m., Ocean View Community

Stewardship at the Summit, Fri, June 5 & 19; Sat, June 13; 9 a.m. – 12 p.m., Hawai'i Volcanoes National Park. Volunteers meet at Kīlauea Visitor Center to help remove invasive Himalayan ginger from park trails. Free; park entrance fees apply.

The Quest For Liquid Light: Going with **the Flow,** Sat, June 6 – July 12, 9 a.m. – 5 p.m., Volcano Art Center Gallery in Hawai'i Volcanoes National Park. The exhibit features fine art photography by G. Brad Lewis. Opening reception, Sat, June 6, 5 p.m.

Fabulous Gourds Workshop, Sat, June 6, 9 a.m. - 1 p.m., Volcano Art Center's Niaulani Campus in Volcano Village. Jelena Clay teaches some traditional and not-so-traditional gourd decorating techniques. 967-8222

Punalu'u Bake Shop Cookie Kitchen Grand **Opening,** Sat, June 6, 10:30 a.m. – 2 p.m., Nā'ālehu. Entertainment and food. 929-7343

Ham Radio Operators Potluck Picnic, Sun, June 7, Manukā Park. All American Radio Emergency Service members, anyone interested in learning how to operate a ham radio and families are invited to attend. Dennis Smith, 989-3028

People and Land of Kahuku, Sun, June 7, 9:30 a.m. - 12:30 p.m., Hawai'i Volcanoes National Park's Kahuku Unit. This guided, 2.5-mile, moderately difficult hike over rugged terrain focuses on the area's human history. 985-6011

Tea Cultivation workshop, Sun, June 7, 10 a.m. - 5 p.m., Tea Hawai'i's farm in Volcano Village. Attendees meet at Volcano Art Center's Niaulani Campus and carpool to Eva Lee's farm.

Senior ID Cards, Mon, June 8, 9 – 11 a.m., St. Jude's Episcopal Church in Ocean View. For ages 60 and over. 928-3100

A Walk into the Past, Tue, June 9 & 23, 10 a.m., 12 p.m. & 2 p.m., Kīlauea Visitor Center and Whitney Vault in Hawai'i Volcanoes National Park. Ka'ū resident Dick Hershberger brings Hawaiian Volcano Observatory founder Thomas Jaggar to life every other Tuesday.

Ka'ū CDP Steering Committee Meeting, Tue, June 9, 5:30 p.m., Nā'ālehu Community Center. The committee reviews community input and determines which parts of the CDP need reconsideration and potential revision. Open to the public with testimony on agenda items welcome. See kaucdp.info. Ron Whitmore, 961-8137

Grant-Writing & Leadership Development Workshop, Wed, June 10, 9 a.m. - 12 p.m., Ka'ū Rural Health Community Center in Pāhala.

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The Ka'ū Calendar



John Keawe at an earlier performance at Punalu'u.

John Keawe Returns to Kaʻū

Famed, award-winning guitarist John Keawe returns to Ka'ū with a performance Thursday, June 18 at 3 p.m. at Nā'ālehu Public Library. Keawe is a regular instructor at annual Center for Hawaiian Music Studies workshops in Pāhala, where he teaches slack key guitar to visitors and local students who receive scholarships.

Keawe offers a Tribute to Slack Key during his visit to Kaʿū. He performed at Pāhala Public Library in 2012 and also offers annual Christmas programs at Kīlauea Visitor Center Auditorium in Hawai'i Volcanoes National Park.

Jennifer, 596-8990 x1013 or jenniferc@hiilei.

Draft Plan, Study & Statement Talk Story, Wed, June 10, 5:30 – 7:30 p.m., Kīlauea Visitor Center Auditorium in Hawai'i Volcanoes National Park. Park officials answer questions and take comments regarding the draft general management plan, wilderness study and environmental impact statement that is now available for public review at parkplanning.nps. gov/havogmp.

Ka'ū Scenic Byway Committee Meeting, Thu, June 11, 5 p.m., Nāʿālehu Methodist Church. Public invited. richmorrow@alohabroadband.

Red Cross Volunteer meeting, Thu, June 11, 7 p.m., HOVE Road Maintenance Corp. office. For volunteers and those interested in becoming volunteers. Hannah Uribes, 929-9953

Seventh Annual Volcano Pottery Sale, Fri, June 12, 3 – 8 p.m. & Sat, June 13, 9 a.m. – 3 p.m., Volcano Art Center's Niaulani Campus in Volcano Village. A great opportunity to see a wide range of ceramic works and meet and talk story with artists. 985-8530 or ron@ryhpottery. com

Atlas Recycling at South Point U-Cart, Sat, June 13, 9 a.m. – 1 p.m.

Palm Trail Hike, Sun, June 14, 9:30 a.m. – 12:30 p.m., Hawai'i Volcanoes National Park's Kahuku Unit. This moderately difficult 2.6-mile loop trail provides one of the best panoramic views Kahuku has to offer. 985-6011 or nps.gov/havo

Kaʻū Coast Cleanup, Sun, June 14, 10 a.m., Ka Lae. Hawaiʻi Wildlife Fund and Seas

Beautification Society of Japan sponsor a shoreline and ocean dive cleanup. kahakai. cleanups@gmail.com

Sunday Walk in the Park, June 14, 10 a.m. -1 p.m. Cheryl Gansecki leads this four-mile hike exploring Kīlauea Iki. Free for Friends of Hawai'i Volcanoes National Park; others may become members in order to attend. admin@ fhvnp.org or 985-7373

Medicine for the Mind, Sun, June 14, 4 - 5:45p.m., Volcano Art Center's Niaulani Campus in Volcano Village. Buddhist healing meditation for beginners through advanced. Free. Patty,

Mobile Slaughter Unit Workshop, Sun, June 14, 5 – 6 p.m., Pāhala Community Center. Hawai'i Island Meat presents this informational workshop for Ka'ū producers interested in accessing the service. hawaiiislandmeat@gmail.com

John Keawe Performance, Thu, June 18, 3 p.m., Nā'ālehu Public Library. Keawe presents a Tribute to Slack Key. Free.

Hawaiian Civic Club of Ka'ū, Thu, June 18, 5:30 p.m. 929-9731 or 936-7262

Dancing on Earth: Creative Flow and Dance Meditation workshop, Fri, June 19, 10 a.m. – 4 p.m., Volcano Art Čenter's Niaulani Campus in Volcano Village. Shizuno Nasu's workshop is rooted in deep listening and improvisation.

Forest Restoration Project, Sat, June 20, 8:30 a.m. - 1 p.m. Volunteers clear invasive, nonnative faya plants in the Kīlauea section. Register at forest@fhvnp.org or 352-1402 by Monday evening, June 15.

Recycling at Nā'ālehu School, Sat, June 20, 9 a.m. - 1 p.m., Nā'ālehu School Gym. Redeem your HI-5 sorted by type; receive 5 cents per container and additional 20 cents per pound on all aluminum. Atlas Recycling donates 20 cents per pound on all aluminum redeemed to the school. 939-2413, ext. 230

Pu'u o Lokuana, Sat, June 20, 9:30 – 10:30 a.m., Kahuku unit of Hawai'i Volcanoes National Park. Participants learn about formation and various uses of this grassy cinder cone and enjoy a breathtaking view of lower Ka'ū on this moderately difficult 0.4-mile hike to the top.

Hula Performances, Sat, June 20, 9:30 a.m. 1:30 p.m., Volcano Art Center Gallery in Hawai'i Volcanoes National Park, featuring Nā Mea Hula with Kumu Ab Valencia and Hālau Hula Kalehuaki'eki'eika'iu. From 10:30 to 11:30 a.m. it's Kumu hula Iwalani Kalima with Hula Hālau O Kou Lima Nani 'E performing on the hula platform.

Hi'iaka & Pele, Sun, June 21, 9:30 – 11 a.m., Kahuku unit of Hawai'i Volcanoes National Park. Participants discover the Hawaiian goddesses and the natural phenomena they represent on this moderate one-mile walk.

Father's Day Buffet, Sun, June 21, 5 - 8 p.m. Kīlauea Military Camp's Crater Rim Café in Hawai'i Volcanoes National Park. Bring Dad to a buffet that is "Fit for a King." Main entrees are prime rib, shrimp Alfredo with mushrooms and Asian-infused Hawaiian ono. Adult \$27; Child \$14.50. Call 967-8356 for more details. Park entrance fees apply.

HOVE Road Maintenance board of directors meeting, Tue, June 23, 10 a.m., St. Jude's Church. 929-9910

After Dark in the Park: Silverswords & Lobeliads, Tue, June 23, 7 p.m., Kīlauea Visitor Center Auditorium in Hawai'i Volcanoes National Park. Dr. Robert Robichaux discusses highly collaborative, large-scale endangered plant re-introduction efforts on Hawai'i Island. \$2 donations support park programs. Park entrance fees apply.

Ocean View Community Development Corp. meeting, Fri, June 26, 5 p.m., Hawaiian Ranchos

Ka'ū Ag Water Cooperative District Meeting, Sat, June 27, 8 a.m., Ka'ū Coffee Mill. Jeffrey McCall, 937-1056

'Ōhi'a Lehua, Sat, June 27, 9:30 a.m., Kahuku Unit of Hawai'i Volcanoes National Park. Participants learn about the vital role of 'ōhi'a lehua in native Hawaiian forests, the many forms of the 'ōhi'a lehua tree and its flower on this easy one-mile walk. Free. 985-6011

The Birth of Kahuku, Sun, June 28, 9:30 -11:30 a.m., Kahuku Unit of Hawai'i Volcanoes National Park. Participants explore Kahuku's rich geologic history, traverse the vast 1868 lava flow, see different volcano features and formations and identify many parts of the Southwest Rift Zone of Mauna Loa on this guided, easy-to-moderate

Ocean View Food Basket, Tue, June 30, 10 a.m.

Calendar, pg. 6

Nā'ālehu Market

Wednesdays & Saturdays, 8am-2pm In front of ACE Hardware in Nā'ālehu

Pacific Quest
Organic fruits & vegetables grown by youth. Proceeds donated to our Ka'ū community!

Vendors email richwitt1@hotmail.com

New Mobile Slaughterhouse, Ag Water Solution Workshop

News and events of the Ka'ū agricultural community were shared at the May meeting of the Ka'ū Agricultural Water Cooperative District in Pāhala.

Members discussed the new mobile slaughter unit that will allow residents who raise even only a few cattle, goats, pigs and sheep to have them legally processed. The mobile slaughter unit will move from place to place around the island to service small producers. A meeting on the plan and on joining the cooperative that will operate the mobile slaughter unit will be held Sunday, June 14 at 5 p.m. at Pāhala Community Center.

See HawaiiIslandMeat.com. Contact HawaiiIslandMeat@gmail.com. The project is funded by the state Department of Agriculture with help from Big Island Resource Conservation & Development,

Calendar, cont. from pg. 5

12 p.m., Ocean View Community Center. 939-7000

EXERCISE & MEDITATION

Pāhala Pool Schedule: Public Recreational Swim Mon/Thu/Fri 9 a.m. - 12 p.m. & 1 -**5:15 p.m.,** Sat/Sun 9 – 11 a.m. & 1 – 4 p.m.; Adult Lap Swim Mon – Fri 12 – 1 p.m., Sat/Sun 11 a.m. – 12 p.m. Closed Thu, June 11.

928-8177 or hawaiicounty.gov/pr-recreation

Iyengar and Yin Yoga, Mon/Wed/Fri, 10 – 11:30 a.m.; Ocean View Community Center. Mats and props provided. Stephanie, 937-7940

Exercise for Energy, Mon/Wed, 3:30 - 4:30 p.m., Discovery Harbour Community Center. DVD instructions; bring your own band, ball and mat. Free w/donation of non-perishable food. Judy Knapp, 939-8149

Zumba Fitness, Mon/Thu, 5:30 p.m.; Sat, 9 a.m., New Hope Christian Fellowship in Volcano. Certified instructor Linda Fanene, 990-3835

Zumba, Mon/Thu, 6 - 7 p.m., Nā'ālehu Community Center. Certified Zumba instructor Erin Cole, 938-4037

Hawai'i Small Business Development Center and The Kohala

Members discussed an upcoming training on water conflict mediation, open to the Ka'ū agricultural community, on Saturday, June 27 from 9 a.m. to 1 p.m. at Ka'ū Coffee Mill. It is sponsored by The Kohala Center. To sign up, contact mbondera@kohalacenter.org.

The recent Green Sands community runaway fire that burned a house and destroyed waterlines was discussed in terms of the planning for future water service for ag-

riculture in the community. Better pipes and funding for water storage for ag and firefighting were mentioned by Jeremy Buhr, who represents that community.

Aikido, Mon/Wed, 6 p.m., Old Pāhala Clubhouse. Alan Moores, 928-0919 or artbyalan2011@ gmail.com

Beginners Yoga, Mon/Wed/Fri, 10 a.m. - 12 p.m., Ocean View Community Center. 929-7033

Kempo Karate, Tue/Thu Ocean View Community Center, children 5 – 6 p.m.; adults 6:30 – 8 p.m., beginning Feb. 19. Gordon Buck, 929-7033.

Beginning and Intermediate Yoga, Tue/Thu, 8:30 - 10 a.m. Noa's Island Massage in rear entrance of Ka'ū Realty across from Hana Hou. Please come 10 minutes early. \$10 a class or \$80 for 10 classes. 756-3183

Belly Dance Classes, Tue; beginners, 5:30 p.m.; intermediate, 6:30 p.m. Farasha, 990-3835

Karate, Tue/Fri, Pāhala Community Center. Cliff Field, 333-1567

Self-Guided Yoga, Wed, 9:30 – 11 a.m., Cooper Center, Volcano. Calabash donations. Debra Serrao, 985-7545

Gentle Senior Yoga, Wed, 3 – 4 p.m., Nā'ālehu Hongwanji. Senior price \$10 for 10 sessions. Stephanie Peppers, 937-7940

Meditation, Wed, 4-5 p.m. Nā'ālehu Hongwanji.



Photo from Hawai'i Island Meat

John Cross, of Olson Trust, announced that the hydroelectric plant above Ka'ū Coffee Mill is moving forward with Taylor Construction Co., Inc. getting ready to con-

Velvet Replogle, 936-8989

Beginners Yoga, Wed, 5:30 – 7 p.m., Volcano Art Center's Niaulani Campus in Volcano Village. \$5. Rob Kennedy, 985-9151

Hula Kahiko, Thu, 4-6 p.m., Discovery Harbour Community Hall. Ka'ū School of the Arts, 854-1540 or info@kauarts.org

Western Line Dance Classes, Thu, 6:30 - 7:30 p.m., Discovery Harbour Community Hall.

DAILY & WEEKLY EVENTS & **ACTIVITIES**

Volcano Farmers Market, Sun, 6 - 10 a.m., Cooper Center. Fruits and veggies, swap meet and more. EBT welcome.

Ocean View Community Center computer lab, Mon – Fri, 8 a.m. – noon. Members \$2/hour, non-members, \$4/hr. 939-7033 for information on computer classes

Tūtū and Me Traveling Preschool, free classes Mon/Wed, Nā'ālehu Community Center; Tue/ Thu, 8:30 - 10:30 a.m., Pāhala Community Center. 929-8571

Niaulani Nature Walks, Mon, 9:30 a.m., Volcano Art Center's Niaulani Campus in Volcano Village. This one-hour nature walk travels through a portion of old-growth Hawaiian rain forest on an easy, 1/7-mile loop trail. Free (calabash donations welcome). 967-8222 or volcanoartcenter.org

Pāhala Senior Center: Lunch served Mon -Fri, 10:30 a.m. for residents aged 60+. Julie, 928-3101

Nā'ālehu Senior Nutrition Center (Hawai'i County Nutrition Program), Lunch served Mon - Fri, 10:45 a.m. for residents aged 60+, greater Nā'ālehu area. 939-2505

Ocean View Nutrition Site and Senior Club hosts activities at St. Jude's Church on Mon/ Wed/Fri from 8:30 a.m. and provides lunches 11 a.m. – 12:30 p.m. for seniors 60+. Donations requested. On Thu, the program takes seniors to Kailua-Kona for doctors appointments, grocery shopping and to pick up prescriptions. Program closed Tue. Dick Hershberger, 989-4140

Zhineng Qigong, Mon, 2 – 4 p.m., Cooper Center in Volcano Village. \$10 suggested donation. alohachigong@gmail.com

Kanikapila Jam Sessions, Mon, 5:30 – 7 p.m., Volcano Art Center's Niaulani Campus in Volcano Village. 967-8222

Ka'ū Community Chorus Rehearsals, Mon, 6:30 - 8:30 p.m., Discovery Harbour Community Hall; Ka'ū School of the Arts, 854-1540 or info@kauarts.org

Knit-Wits, Tue, 1 p.m., Ocean View Community Center, 929-7033

Ka'ū Driver License Office, Tue/Wed by appointment. 854-7214

Movie Matinee, Tue, 2:30 p.m., Nā'ālehu Public Library. Free, family-friendly movies for all ages

struct the building to house the hydroelectric plant itself. The hydro plant at Keaiwa could be operational by early next year, he said.

Members of the cooperative also discussed various ways of designing the sub-organizations that will manage water from various sources. Some organizational templates favor landowners, according to the amount of land owned, in decision making while others favor the users, farmers and ranchers in the structure of the organizations.

The next Ka'ū Agricultural Water Cooperative meeting will be held on Saturday, June 27 at 8 a.m. at Ka'ū Coffee Mill. For more information, call Jeff Mc-Call at 937-1056.

plus free popcorn. 939-2442

Computers for Dummies, Tue, 6 p.m., Ocean View Community Center. 929-7033

Ka'ū Farmers Market, Wed, 8 a.m. - noon, Shaka's Restaurant in Nā'ālehu. Produce, Hawaiiana, arts and crafts, fresh baked goods.

Nā'ālehu Market, Wed/Sat, 6:30 a.m. – 2 p.m., Ace Hardware. Produce and locally made products.

Community Bookstore, Wed, 10 a.m. – 3 p.m. at Kauaha'ao Church in Wai'ōhinu. 938-0411

Sumi-e Japanese Brushstroke Painting, Wed, 1 – 3 p.m., Nā'ālehu Hongwanji

Free 'Ukulele, Slack Key and Steel Guitar classes, Wed, 3:30 - 5:30 p.m., Olson Trust Building in Pāhala; Fri, 3:30 - 5:30 p.m., Nā'ālehu Methodist Church. Keoki Kahumoku. Call Tiffany at 938-6582 for details and to confirm.

Ka'ū 'Ohana Band Rehearsals, Wed/Thu, 4 p.m., Ocean View Community Center. Instruments provided; no experience necessary. Ka'ū School of the Arts, 854-1540 or info@ kauarts.org

Game Night, Wed, 6:30 p.m., Discovery Harbour Community Center. Lucy Walker, 929-7519

Ka Lae Quilters, Thu, 10 a.m. - 2 p.m., Discovery Harbour Community Center. 238-0505

VA Center for Veterans, Thu, 10 a.m. - 2 p.m., Ocean View Community Center. David, 329-0574

Desperately Seeking Serenity AFG meeting, Thu, 5 p.m., St. Jude's Episcopal Church in Ocean View. Sandy, 557-9847

Art Fridays, 1-2 p.m., Kahuku Park. For ages 6 – 12. Teresa, 929-9113

Women, Infant, Children Services, Fri (except holidays) at various locations. 965-3030 or 934-3209

Aloha Fridays, 11 a.m. - 1 p.m., Volcano Art Center Gallery porch at Hawai'i Volcanoes National Park. Variable hula art offerings. Everyone welcome. Free; donations welcome: park entrance fees apply.

Live Entertainment at Hana Hou Restaurant, Fri, 5:30 p.m. in Nā'ālehu. 929-9717

Live Music Fridays at South Side Shaka, Nā'ālehu. 929-7404

Live Music at Gilligan's, Fri/Sat, 4:30 – 9 p.m., Discovery Harbour.

Ocean View Farmers Market, Sat, 7 a.m. -

noon, Pohue Plaza.

Alcoholics Anonymous meetings: One Day at a Time Group, Sat, 6:30 p.m., Cooper Center; Friday Night BBQ Meeting, Fri, 5 p.m., Wai'ōhinu (929 -7674); Happy, Joyous and Free Group, Mon/Thu, 7 p.m. and Sat, 5 p.m., St. Jude's in Ocean View. West Hawai'i Intergroup, 329-1212 or the Hilo office, 961-6133

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KA'U SPORTS REPORT

Volume 13, Number 6 The Good News of Ka'ū, Hawai'i



Ka'ū High boys volleyball team went to states and placed fifth.

Photo by Taylor Sport Photography

Ka'ū Takes Fifth in State Volleyball

Ka'ū High School Boys Volleyball Team became statewide HHSSA Division II tournament consolation winners, finishing in fifth place at Neal Blaisdell Arena on O'ahu. They won the Battle of the Big Island consolation game against Hawai'i Preparatory Academy 25-22 and 25-19. HPA previously overpowered Ka'ū to become Big Island Interscholastic Federation Division II champions.

At states, Ka'ū went against Hāna, ultimately losing after five sets. Scores were 25-15, 23-25, 25-20, 22-25 and 8-15. Cameron Enriques had 41 kills and 25 digs.

Following their loss to Hāna, Ka'ū played a consolation game against Castle, winning both sets 25-17 and 25-10.

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Paniolo Ready for July 4 Rodeo

other rodeo riders gathering together with families will fill the Nā'ālehu Arena grounds over the July 4 weekend with events designed for keiki, wahine and kane. The 38th Annual Fourth of July Rodeo is sponsored by Ka'ū Roping & Riding Association on Saturday, July 4 and Sunday, July 5.

Slack Roping begins Saturday at 8 a.m. Cowboy Church is on Sunday at 10 a.m. with Thy Word Ministries-Ka'ū Pastor Bob Tominaga. Rodeo Shows start at 12 p.m. both days.

Rodeo Queen contestants are Ku'ukamali'i Bishop of Nā'ālehu, Arena Jospeh of Kea'au and Chrissy Perez of Honoka'a. Residents can support the young ladies by buying rodeo tickets for \$6. Tickets are \$7 at the gate.

All spectators, guests and contestants

The paniolo tradition of ranchers and can buy \$1 raffle tickets and win prizes. Prizes will be advertised at the rodeo. All proceeds from the raffle drawing will be donated to American Cancer Society's Hilo Relay for Life by KRRA.

Special guests are Miss Rodeo Hawai'i 2015 and Nebraska Queen, who will be signing autographs.

Events scheduled at the rodeo include Open Team Roping, Kane/Wahine Dally Team Roping, Team 90s, Double Mugging, Kane/Wahine Ribbon Mugging, Wahine Mugging, Tie Down Roping, Wahine Break Away, Po'o Wai U and Bull Riding.

Dummy Roping, Goat Undecorating, Calf Riding and Youth Barrel Racing events are set for youngsters.

For more information, call Tammy Kaapana at 929-8079.



A contestant wrangles a cow at a Ka'ū Roping & Riding Association Fourth of July Rodeo. This year it will be held at Nāʿālehu Arena Saturday and Sunday, July 4 and 5.

Photo by Julia Neal



Paniolo scramble as a bull throws the rider.

Photo by Julia Neal

Pāhala Dojo Hosts IKL Founder

Walter Nishioka, founder of International Karate League, visited Pāhala Dojo last month and conducted two nights of classes. While here, he presented Francisco Villa his Shodan (first degree) black belt certificate. Villa successfully passed his exam in February after many years of hard work.

Nishioka is referred to as Shihan (Master) and continues to actively visit IKL dojos throughout Hawai'i and the mainland. Nishioka Shihan trained with many famous martial artists as a young man when he frequently visited Japan and was on active military duty with the Strategic Air Command during the Korean War. He was encouraged by these teach-

Pāhala Dojo, pg. 8



Francisco Villa receives his black belt certificate from IKL founder Walter Nishioka. June, 2015 Page 7

Ka'ū Community Events 8

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Walter Nishioka, founder of International Karate League, conducted classes at Pāhala Dojo recently.

Pāhala Dojo, cont. from pg. 7

ers to develop his own school, which eventually resulted in the International Karate League. IKL is registered in Japan and was one of the first karate schools in the United States. Many attribute Nishioka Shihan with being one of the first to introduce karate to the United States. The mainstay philosophy of IKL is to build character and good

Resort Plans, cont. from pg. 2

that he has proposed sitting down with representatives of the county to update that permit, adjusting the permit for the smaller resort development planned by his group.

Community members supportive of the plan said that it would be a way to put Discovery Harbour and its golf course not only into recovery but also provide economic development. Only about 25 percent of the lots have houses on them, the golf course clubhouse is now used by a school, its pool abandoned, and the golf course is largely cared for by volunteers. There are currently no neighborhood stores for food and other items. A petition with 134 signatures supporting the project was presented

BioBlitz, cont. from pg. 1

The 35th annual Cultural Festival was moved from July to May and expanded to include biodiversity booths and activities. The festival showcased how Hawaiians are true ecological experts and I ka nana no a 'ike principles continue today. The Biodiversity & Cultural Festival included hands-on science and cultural exhibits, food, art and top Hawaiian music and dance performances.

The cultural component included 'Olapa (dancers) of Hālau Hula Ulumamo o Hilo Palikū who opened the BioBlitz ceremony. To celebrate biodiversity, hula sisters made hula skirts - pā'ū - from native wauke (paper

citizenship in its students and to operate as a not for profit organization.

Pāhala Dojo was started in 2009 and the Sensei is

Photos from Cliff Field

Pāhala Dojo was started in 2009, and the Sensei is Cliff Field. The dojo is open to new students from age five through adult throughout the year. Classes are every Tuesday and Friday at 5:30 p.m. at Pāhala Community Center.

to the county during the meeting.

Local business owners Wally Young and Wally Andrade both offered their support for the project, talking about the need for jobs for young people.

More than 520 acres owned by McMickle are makai of the Discovery Harbour houses and golf course and could be used to expand the community in the distant future, McMickle said. He also noted that he will donate five acres at a place called the Bunker, where he had planned to build a house with a spectacular view of the coast toward Volcano, to the new charter school located at the old golf clubhouse.

mulberry) tree bark, which they pounded into kapa cloth, and dyed a brilliant orange-red using introduced achiote seeds – giving the pā'ū the same color as the glowing lava lake within Halema'uma'u – the home of Pelehonuamea. It took one year to make these pā'ū. The skirt is adorned with native tī leaf, and the 'ohe kapala (bamboo stamp) design depicts lightning (the roundish shape) and Pele's movement (the flowing line).

"The BioBlitz and Biodiversity & Cultural Festival presented an incredible opportunity to connect the community with leading scientists, international sister parks and cultural practitioners," said park Superintendent

Cindy Orlando. "This event embodies our National Park Service centennial mission to encourage everyone to Find Your Park – literally – by exploring and understanding our vital connection to our natural world."

"The BioBlitz was a wonderful combination of past, present and future," said John Francis, National Geographic's vice president for research, conservation and exploration. "It was so exciting to bring together western science and traditional Hawaiian culture and pair it with the great iNaturalist app, smartphones and pumped-up cell service courtesy of Verizon. I hope this holistic approach serves as a model for other BioBlitzes and scientific endeavors."

More on BioBlitz can be seen on the National Geographic blog, *BioBlitz 2015*:

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GO TROJANS!

BioBlitz, pg. 14

Sports Calendar Keiki Encouraged to Become

Summer Junior Park Rangers

Keiki eight to 13 years old are invited to "Find Your hike up to three miles over uneven terrain at a leisurely Park" and become junior rangers through Hawai'i Volcanoes National Park's Keiki o Hawai'i Nei summer program. The fun-filled, three-day program begins Wednesday, June 24 and ends Friday, June 26. The program is from 8 a.m. to 3 p.m. each day.

Keiki o Hawai'i Nei is designed to encourage children's enthusiasm for discovery by connecting them with the park's resources and staff and to inspire their appreciation of what is uniquely Hawaiian by exploring the natural and cultural heritage of Hawai'i.

Participants must bring and be able to carry their own daypack with water, snacks, lunch and raingear and

Children will explore Hawai'i Volcanoes National Park and visit national parks on the west side of Hawai'i Island. Transportation is provided, and there is no cost to enroll.

The program is co-sponsored by Hawai'i Pacific Parks Association and Friends of Hawai'i Volcanoes Na-

To reserve a space, call 985-7373 or email institute@fhvnp.org. The deadline to register is Friday, June



Keiki explore Kīlauea Iki and other Hawai'i Island national parks during Hawai'i Volcanoes National Park's summer junior ranger program.

CDP Discussions, cont. from pg. 3

agricultural lot of record is already zoned for a farm dwelling, farm labor housing, farm buildings and such structures as mills and commercial kitchens for manufacturing of farm products. Ag parcels are also available for alternative energy projects, ag tourism and open area recreational use.

He said oversight for tax breaks aimed at keeping land in agriculture needs to be improved as does the method by which the county ensures that farm dwellings on farmlands are being used by farmers rather than

Regarding proposed land use changes on ag properties coming before government decision makers, Whitmore said that the "decision is based on what the current owner pitches" and that it is very difficult to hold them to it once permission to subdivide or otherwise allow additional housing on the land is granted.

Another idea put forth was to look closely at stateowned parcels to establish ag parks.

Ralph Roland brought up the idea of issuing temporary dwelling permits, when needed, for farm labor.

Whitmore noted that there is a large excess of buildable lots for housing in Ka'ū, including the Pāhala area. He said the reason to plan for concentrating housing in existing settlement areas includes affordability - infrastructure such as water and electricity are already develNPS Photo from Jessica Ferracane

Manfredi asked why more land was not planned for urban use in Pāhala in the proposed CDP draft. Whitmore said planners did not see a demand for more and said that planners' studies show that infilling could accommodate future needs. Manfredi said he could envision more land needed for housing in the long term and noted that it was recommended in the CDP draft to delete land along Hwy 11 on the Volcano side of Pāhala from the General Plan for urban expansion.

Preserving Ka'ū's Coast

County Planner Ron Whitmore said that the Ka'ū community has made it "clear that Ka'ū doesn't want coastal development." He said the community supports human activities on the coast related to education, research and recreation, including fishing.

Challenges addressed in the CDP regarding coastal management include development entitled in flood-prone Punalu'u areas, residential allowed in Conservation District, no local hearings by the state Land Use Commission, shoreline setbacks established without site-specific considerations and Special Management Areas inconsistent with other zone boundaries.

The CDP advocates for restrictive subzone designations and local LUC hearings. It also can provide shoreline setback options, guide public ownership of coastal

CDP Discussions, pg. 11

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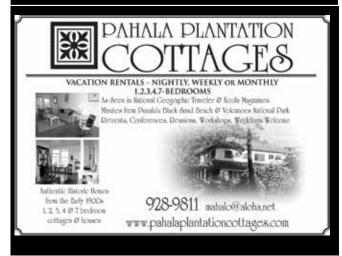
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DUPEPA DA'ALEHU

The Good News of Ka'ū, Hawai'i

Office of Economic Opportunity Rededicates its Nā'ālehu Center

Office of Economic Opportunity rededicated its center on the grounds of Nā'ālehu Park in May. OEO was a nationwide part of Pres. Lyndon Johnson's War on Poverty. The local program later became Hawai'i County Economic Opportunity Council.

According to HCEOC Housing & LI-HEAP's retired Program Manager Mary Miho Finley, the program grew out of a need for activities for children. "There was nothing for the kids or young people in those days," Finley said.

Finley said recently retired HCEOC Executive Director George Yokoyama, who was in charge of youth programs at the time, challenged the kids. "What do you want?"

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he asked. "As they had been kicked out of office, teaching cenmeeting at the shopping center, in the park by police, got rained out in the tennis courts, etc., they asked for a place of their own," Finley said. "The young people – over 150 from eight years old to high school, from Nā'ālehu to Ocean View – said they wanted a place of their own that they could not be kicked out of. Yokoyama said, 'You will have to mobilize resources to make this happen.'

"ADM Investment was beginning the development of Punalu'u Resort and in the process had to demolish an old gentlemen's clubhouse. ADM said the youth could have the building if they would take it down. It just

> happened that Dante Carpenter, who later became councilman from Ka'ū and still later the Mayor of Hawai'i County, was working for C. Brewer/ Ka'ū Sugar at the time and took an interest in the kids and their plight. He made arrangements for Ka'ū Sugar to provide the land where the youth clubhouse got built that has been used by HCEOC as an

ter and a center of services to serve the disadvantaged. Ka'ū Sugar later donated the entire Nā'ālehu Park to the county. But at this time they were the owners and gave the youth permission to construct their clubhouse on a back portion of the property.

"Others a young Nā'ālehu. Corps, people's training

program that was stationed at Kīlauea Military Camp. Their leader was Pilipo Kenoi. They who knew how to build volunteered to help the Ka'ū young people. In addition, KMC provided a driver and flatbed truck to move the building materials being generated by the Punalu'u demolition. Ka'ū Sugar also helped with building material transport. Two of the truck drivers were Adolpho Pascubilio and Joe Tassill.

"This project became the happening



helped were Job HCEOC members and supporters at rededication of the center in Photo by Nancy Stafford

people coming from Keaukaha Rap Center and HCEOC youth groups in Laupāhoehoe OEO Rededication, pg. 12

thing during that summer, with young







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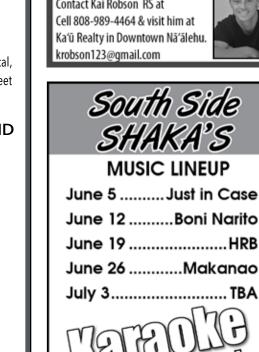
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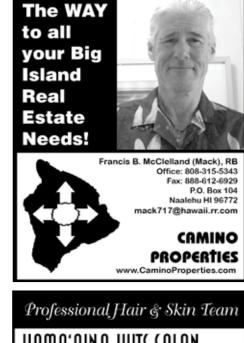






SHAKA'S

MUSIC LINEUP





Kaʻū

Auto Repai

HILOL

The Good News of Ka'ū, Hawai'i

CDP Discussions, cont. from pg. 9

lands and prioritize SMA boundaries review. Several community members said they

were very protective of the coast.

Aric Arakaki, of the Ala Kahakai National Historic Trail system, said he was there to support the community and its effort to maintain an "ancestral connection." The National Trail runs along the coast of Ka'ū

oastline

with feeder trails running mauka-makai through the traditional ahupua'a from the mountains to the sea. Arakaki works with landowners and community members to protect the trail and provide maintenance and public access, without taking them out of private ownership.

Ralph Roland said he worries that the traditional Hawaiian ahupua'a system for managing land is being ignored.

John Replogle, who has testified in public forums that lighting from housing and other buildings should be shielded from reaching the coast and to protect the night skies for stargazing, said he favors a coastal setback and keeping the Ka'ū Coast in conservation. He said a quarter mile setback would keep development away from coastal resources

Shalan Crysdale said that he supports a policy of holding public hearings in Ka'ū for any proposed developments in Ka'ū.





There was discussion about the public desire for access to the coast in numerous places and the responsibility of taking care of the coastline. Bill Gilmartin, of Hawai'i Wildlife Fund, talked about public access with responsibility, "instead of tearing up the coast." Richard Taylor, of Ka Lae, talked about the balance of economic opportunity for local tour guides for Green Sand

> Beach versus the impact on the landscape from four-wheel-drive vehicles.

> Earl Louis talked about proposed coastal setbacks, including one that would be 1.5 miles from the shore. He said a half-mile option "is not that much."

> He also talked about Punalu'u and asked why the owner is not required to clean up the abandoned

and falling-down restaurant and museum area, which is next to the large pond mauka of Punalu'u Black Sand Beach.

County planner Ron Whitmore said this is an enforcement matter rather than a planning matter and suggested calling the county Department of Public Works.

Punalu'u was discussed as a place where there is already zoning for resort and multifamily housing. Whitmore said such entitlements are difficult to remove once they are granted. He said there is a possibility that landowners, including Robert Iwamoto and partners who own the resort property and golf course, could work with the community and surrounding landowners, including the state and the Department of Hawaiian Home Lands, to come up with

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a viable plan for Punalu'u that would protect the shore but also have an economic development and local housing component.

Whitmore discussed the frequent challenges of attempting to develop along the coast, including requirements for Environmental Impact Statements, Special Management Area permits, archaeological surveys and complying with any proposed setback.

He noted that a 1.000-foot setback was established for an area along the Kona Coast. He said that county ordinance allows for setbacks and that they have not been interpreted as a taking of property rights if the land is conservation and ag, since those uses would not be denied by a setback.

Concerning protecting the

coast from sewage, the county planner noted that 50 units of development requires a sewage treatment plan. He also reported that the location of a treatment plant for Nā'ālehu has not yet been determined.

The draft Ka'ū CDP is available for public review at local libraries and community centers and online at kaucdp.info.



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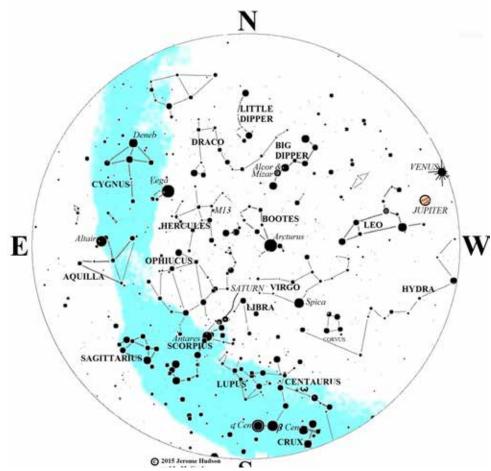
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How to use this map: Hold this map over your head so that the northern horizon points toward the north on the Earth. For best results, use a red flashlight to illuminate the map. If you are looking east, hold it in front of you so that east is on the bottom. For south views, south at the bottom; for west, west at the bottom. Use this map at about 11 p.m. early in the month, 10 p.m. mid-month and 9 p.m. late in the month.

The usual star chart was not available as this was being written, so I asked an astronomer friend of mine, Dr. Jerry Hudson, if I could use his Atlas program — and here it is! Thank you, Jerry! I preferred my own lines to connect the stars and spent some time connecting the dots. I hope you like it!

Stars over Ka'ū - June 2015

by Lew Cook

order of their brilliance around mid-month. Venus is very low in the west and sets just about 10 p.m. Venus passes quite close to an interesting and beautiful star cluster around June 13 – 15. Venus acts like a signal light saying, "Here's the Beehive cluster!" Get out your binoculars and look for Venus. If you've got good eyes and good binoculars, you'll see Venus as a half-moon shape. Off to the left, about the diameter of the moon, you'll see a bunch of stars that resemble a swarm of bees around a beehive. This cluster was one of the first astronomical objects studied by Galileo. It is also called Praesepe (manger in Latin) and is M44 in Charles Messier's list. Don't wait until 10 p.m. to see it – it'll be too low, and you don't want to look through all that dust and vog. Just go outside after it is fairly dark, and Venus is still high in the sky.

Jupiter follows, having escaped the claws of Cancer, the crab, but now lies at the feet of Leo, the lion. Saturn has left his weigh-in with Libra (the Scales) and is doing battle with the claws of Scorpius.

The M13 globular cluster, the brightest one in the northern sky, doesn't have a signal beacon like the comparatively puny (but nonetheless impressive) Beehive cluster. Comparing the two types of clusters (globular and galactic or open) is like comparing one boat to an armada! Don't you just love that term – a glob of stars? How many stars

The three brightest planets set in reverse are in a glob? Tens of thousands! The Beer of their brilliance around mid-month. us is very low in the west and sets just at 10 p.m. Venus passes quite close to an million stars.

Earlier in the evening you can get a look at the really big globular cluster of omega Centauri. Just after darkness falls, look far to the south, just above and to the right of the Southern Cross (labeled Crux) on the star chart. Use your binoculars if you have a pair – or a telescope. It is labeled with a rounded "w" on the chart. You are looking at 10 million stars in that glob! Why aren't these more impressive than the Pleiades cluster or any of the open clusters that we study? Are their stars particularly dim? Are they very far away?

The answers to these questions are, "No, their stars are bright," and, "Yes, they are very distant." They are all in our galaxy, but the Milky Way is a very big home. The Pleiades cluster is nearby, as cosmic distances go. It is around 500 light-years away. So is the Beehive cluster, at less than 600 light-years. A light-year is the distance light travels in a year – about six trillion miles.

So how far are these globular clusters? Omega Centauri is some 16,000 light-years distant, while its smaller cousin, M13, is over 20,000 light-years distant. That is why they appear so much fainter than they might be expected to. An interesting note: both were discovered to be globular clusters by Edmund Halley.

| Date | Sunrise | Sunset |
|-------------|-----------|-----------|
| June 05 | 5:43 a.m. | 6:58 p.m. |
| June 12 | 5:44 a.m. | 7:00 p.m. |
| June 19 | 5:45 a.m. | 7:02 p.m. |
| June 26 | 5:45 a.m. | 7:03 p.m. |

Moon Phases table with the respective rising and setting times.

OEO Rededication, cont. from pg. 10

and even Honoka'a to help with the build.

"As the building took shape, the project was entered into a national OEO/Community Action contest, and the Nā'ālehu Youth Clubhouse took fourth place and was awarded a \$750 prize. HPM donated the building plans and prepared the building permits. Atherton and McInerny foundations and Hilo Kiwanis donated funds. Tommy Ishimaru donated construction of the cesspool. Nā'ālehu Community Club donated a kitchen sink and pool and ping-pong tables. Several Ka'ū families (the Beck 'ohana, Kailiawa and others) helped their young people with this project that

| Moon Phases | Moonrise | Moonset |
|--------------------|------------|------------|
| Full Moon | | |
| June 02 | 7:17 p.m. | 5:55 a.m. |
| Last Quarter | | |
| June 09 | 12:21 a.m. | 12:37 p.m. |
| New Moon | | |
| June 16 | 6:01 a.m. | 7:23 p.m. |
| First Quarter | | |
| June 24 | 12:47 p.m. | 12:18 a.m. |

took up most of a year. During this time, police reports confirm that crime went down.

Finley reported that during the rededication, Mayor Billy Kenoi, Contractor Micheal Tonini, former Youth Advisor Anna Cariaga, former Ka'ū District Supervisor Mary Evangelista offered comments, emphasizing the importance of investing in our young people, as they are our future. Several other members of the youth gang also attended, and we had a good time listening to their recollections of the hard work, the challenges, the good times and the wonderful memories of this seminal event in their young lives."





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KEEPING

Volume 13, Number 6 A Journal of Good Health, Food and Fitness June, 2015 Ka'ū Hospital Attempts to Hold Steady with Budget Cuts

Ka'ū Hospital's emergency department, acute care, clinic, X-ray and other services will continue as before, said Administrator



Services at Ka'ū Hospital will continue as HHSC East Hawai'i Region facilities face layoffs and cutbacks. Photo by Julia Neal

Merilyn Harris in response to Hawai'i Health

Systems Corp.'s announcement of impending layoffs and cuts in services in its East Hawai'i Region.

According to Harris, the main impact will be limiting long-term care residents at Ka'ū to 13 instead of 16. "That is because we will only have staff enough to safely care for that Merilyn Harris from the state as over 76 percent of number." Harris said.

Currently, the hospital houses 14 long-**Red Cross Seeks** term residents. "The hospital won't be asking anyone to leave who resides with us now," Harris said. "Reducing our long-term care beds has been a terribly difficult decision for us to take, but we cannot continue to ignore the reality of insufficient funding."

Harris also confirmed that none of the hospital's permanent staff will lose jobs as a result of the budget cut, but some temporary positions will not be extended.

In late May, Hawai'i Health Systems Corp. announced that its East Hawai'i Region, which includes Ka'ū Hospital, Hale

> Ho'ola Hāmākua and Hilo Medical Center, must deal with a \$50 million budget shortfall.

> Following HHSC's previous request to the state Legislature for emergency funding, Harris said, "We cannot exist without some funding our patients are covered by either

Medicare or Medicaid, neither of which cov-



HHSC East Hawai'i Region Board of Directors held a public meeting at Ka'ū Hospital 10 months ago. The board recently announced that Ka'ū Hospital is one of three facilities in the region to face layoffs and service cutbacks. Photo by Julia Neal

ers the full cost of care. We're very proud of the fact that we are safety net facilities because we believe that care should be available for everyone, but it sure is challenging."

The state-funded hospital system is cutting almost 90 jobs at facilities in East Hawai'i. Increased costs and low rates of reimbursement from a growing, rural population have contributed to the reductions.

Gary Yoshiyama said cutbacks and layoffs are the last option to cover the deficit. "Our budget shortfall will have considerable impact on health care facilities in East Hawai'i," Yoshiyama said. "Regionwide cost-cutting measures have already been implemented, and service cutbacks and layoffs are the only remaining option for our financial viability. Many scenarios were carefully weighed in our preparations to maintain essential health care services and minimize any potential

East Hawai'i Regional Board Chair

According to HHSC, the East Hawai'i Region is the Big Island's second-largest employer with an operating budget of \$160 million and a payroll exceeding \$100 million.

harm to patients."

Volunteers after Green Sand's Fire

American Red Cross' response to the May 11 Green Sand's brushfire underscored the urgent need for disaster volunteers who reside in Ka'ū, said spokesperson Yukie Ohashi. Red Cross has scheduled disaster training classes for new volunteers on July 11 and 18 at Pāhala Hongwanji Mission. Interested persons can call or email Ohashi at 990-4777 or yohashi@hawaiiantel.net for online application instructions. Use of computers at Pāhala Public Library can be arranged for individuals needing computer and Internet

While firefighters battled the blaze that burned one home and threatened many others, Red Cross was called into action by Civil Defense to open up an evacuation shelter at Nā'ālehu Community Center. Shelter workers from Ocean View quickly mobilized and housed 23 residents until the blaze was under



American Red Cross volunteers respond to the brushfire at Green Sand.

Photo by Yukie Ohashi

control and roadways re-opened.

In the days following the outbreak, volunteers from Hilo, Kea'au, Volcano and Kona provided community outreach and individual assistance to affected families. Ongoing support was provided to the homeowner whose home burned to the ground.

"Our volunteers are ready to respond islandwide, but ideally, we would like to have disaster responders in each community," said Barney Sheffield, Hawai'i Red Cross Disaster Coordinator for Hawai'i County. "The unfortunate Green Sand fire highlights the need for Red Cross to recruit volunteers in Ka'ū. This is especially crucial as we head into hurricane season."



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|--|----------|
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| Volcano Assembly of God | 967-8191 |
| PĀHALA | |
| • River of Life Assembly of God | 928-0608 |
| Holy Rosary | 928-8208 |
| Pāhala Bible Baptist Mission | 928-8240 |
| Pāhala Hongwanji | |
| •Wood Valley Tibetan Buddhist Temple & Retreat | 928-8539 |
| NĀ'ĀLEHU | |
| Assembly of God | 929-7278 |
| • Iglesia Ni Cristo | 929-9173 |
| Jehovah's Witnesses | |
| Kauaha'ao Church | 929-9997 |
| Latter Day Saints | 929-7123 |
| •Light House Baptist | 939-8536 |
| Na alehu Hongwanii Buddhict Temple - | |

| Sacred Heart | 929-7474 |
|---|---------------------|
| United Methodist | |
| Christian Church Thy Word Ministry | 936-9114 |
| OCEAN VIEW | |
| Kahuku UCC | 929-8630 |
| Ocean View Baptist Church | 430-8268 |
| Worship Servic'e: Sunday, 1 p.m. Ocean View Commu are welcome! | unity Center. All |
| OV Evangelical Community Church | 939-9089 |
| St. Judes Episcopal | 939-7000 |
| Divine Faith Ministries 929-8570 (non-denomin | ational) meets |
| Ocean View Community Center 10 am Sundays, Chi | ldren, Youth, Bible |
| Study. Call for more information. | |
| Church of Christ | 928-0027 |
| Back to the Bible! 9 am, Bible class studying Roma | ans. Worship 10A.M. |

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VOLCADI KAPEPA

Volume 13, Number 6

The Good News of Kaʻū, Hawaiʻi



Lava River is one of G. Brad Lewis' photographs of Hawai'i Volcanoes National Park on display at Volcano Art Center beginning

BioBlitz, cont. from pg. 8

Where Hawaiian Culture Meets Science.

National Geographic blog editor David Maxwell Braun reported on an address in Volcano by Michael Stebbins, assistant director for biotechnology in the science division of the White House Office of Science Policy. Stebbins said "that the Obama Administration was committed to exploring the expansion of citizen science to better understand how the federal government could involve non-trained people in doing science." Braun quoted Stebbins saying, "One of the first examples that came up when we started to look at how the U.S. federal government is engaging in citizen science was the BioBlitz. One of the things that would be an extraordinary step forward would be to really expand the BioBlitz to a lot of other areas....we are

searching for ideas for how to expand citizen science and really engage folks."

Braun also reported on comments from Elaine Leslie, chief of biological resources for the National Park Service. Leslie told a group of BioBlitz scientists and sponsors: "Your efforts this weekend will aid the parks in planning, preserving and conserving natural resources connected to our cultural resources."

Lewis' Shares His Quest for Liquid Light Volcano Art Center Gallery will be disHawai'i, Utah and Alaska, traveling several with the Flow will be on display June 6

playing the fine art photographs of G. Brad Lewis in the Quest For Liquid Light: Going with the Flow in Hawai'i Volcanoes National Park. This exhibition showcases ongoing explorations of the park by one of Hawai'i's leading volcano and nature photographers.

G. Brad Lewis is internationally recognized, and his photographs have appeared on the covers of a number of magazines and many other publications. Additionally, Lewis' photographs have received numerous awards and been widely exhibited. Interviews and features with Lewis have been broadcast on the Today Show, CBS Evening News and Disney and Discovery Channels. Print interviews and photo essays of his work have been featured in many magazines, and his photographs are found in numerous private, corporate and public collections around the world, as well as in fine galleries and through major stock agencies.

Lewis has been capturing the eruption of Kīlauea since it began in 1983. The goal of his photography is to "connect the viewer to a deep understanding and appreciation of the natural world. Nowhere else is creation happening so dramatically." Inspired by beauty and variety, Lewis is based out of months each year to pursue his art.

A reprint of Lewis' Volcano - Creation in Motion is due out in early July. The book, which already offered a glimpse into the heart of creation, includes a new format, cover and updated images of Halema'uma'u and recent flows near Pāhoa. A book-signing event will be scheduled as the publication becomes available. See volcanoartcenter. org for information.

The Quest For Liquid Light: Going

through July 12 from 9 a.m. to 5 p.m. daily at VAC Gallery in Hawai'i Volcanoes National Park. The exhibition is free to the public, and park entrance fees apply. A gallery reception will be held on Saturday, June 6 from 5 p.m. to 7 p.m.

For more information, see volcanoartcenter.org or contact VAC Gallery Manager Emily C. Weiss at 967-7565 or gallery@ volcanoartcenter.org.

Natl. Park Sister, cont. from pg. 1

Réunion National Park, Daniel Gonthier, signed the agreement in Volcano.

The sister park relationship enables both parks to enrich their personnel through projects of international cooperation, accomplished primarily through exchange of managerial, technical and professional knowledge, information and data technology.

Hawai'i Volcanoes National Park also has sister park agreements with Jeju Volcanic Island and Lava Tubes in South Korea and with Wudalianchi National Park in China. Like Hawai'i Volcanoes and La Réunion, Jeju is a UNESCO World Heritage Site.

June

Events

June 12 & 13

parks participated in the BioBlitz and Biodiversity & Cultural Festival held May 15-16 at Hawai'i Volcanoes National Park.



Hawai'i Volcanoes National Park Superintendent Cindy Orlando and Daniel Gonthier, President of La Réunion National Park, sign the sister park agreement at Kīlauea Visitor Center headquarters May 20. NPS photo

Representatives all three sister

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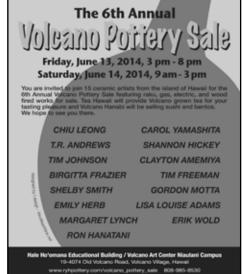


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Page 14 June, 2015

For more information, call 967-8222 Or visit: www.VolcanoArtCenter.org

ART CENTER

Some Gallery Exhibit
 G. Brad Lewis "The Quest For Liquid Light" opens June 6

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ENERGY & SUSTAINABILITY IN KA

Volume 13, Number 6 The Good News of Ka'ū, Hawai'i

New DLNR Chief Warns Against Importing Invasives

Introducing new wildlife to Hawaiian Islands will net lawbreakers heavy fines, said new Department of Land & Natural Resources chief Suzanne Case. She recently left her longtime mission, as head of The Nature Conservancy in Hawai'i, to run DLNR and chair the state Board of Land & Natural Resources after her appointment by Gov. David Ige.

Case issued a statement pointing to new state law that provides for fines of up to \$25,000 and allows the state to seize aircraft, vehicles, boats and any other equipment used to illegally transport wildlife into the state or from one island to another. The new fines went into effect in late February and were



The first axis deer killed in Ka'ū in 2012, after illegal introduction to the Big Island. Photo from Big Island Invasive Species Com-

prompted by a Maui helicopter pilot and a hunting enthusiast airlifting axis deer from Maui, where they are a scourge on native forests, farms and ranches, to the Big Island, where the lawbreakers hoped that herds of deer would become established and would expand for hunting.

Deer were spotted in Ka'ū, one killed in 2012, and the two men prosecuted.

Case noted that "the movement of live, introduced wildlife such as was experienced (in 2009), with discovery of deer on Hawai'i Island, poses direct threats to our native ecosystems." She said the new level of enforcement and punishment "will help prevent harm to our natural resources and economy."

Under new rules, DLNR will also have

more power to eliminate invasive animals. They state that invasive species "found harmful or destructive to agriculture or aquaculture, native plants or wildlife, or constituting a threat to human health or safety," can be the subject to board approval for programs to control or eliminate the species "in any area for a specified time period without requiring permits or reports." The new rules can be viewed at dlnr.hawaii.gov/dofaw/rules.



Nēnē shot above Pāhala.

Photo from Ka'ū Coffee Mill

Award Offered to Help Find Nēnē Killers

A \$2,500 reward is being offered by the Edmund C. Olson Trust II for information on identifying who shot and killed three native nēnē (Hawaiian geese) and seriously injured another on lands near Ka'ū Coffee Mill. The state bird, the nēnē is on the endangered species list. Federal fines can be as high as \$100,000 with a year in prison.

A poster circulating around Ka'ū says, "The U.S. Fish and Wildlife Service, Office of Law Enforcement, is investigating the shooting of several endangered nēnē, the Hawaiian Goose. Four nēnē were shot on or about Jan. 30, 2015 in the area of the Ka'u Coffee Mill on Wood Valley Road in Pāhala. Three of the four nēnē died as a result of their injuries; the fourth is currently under veterinary treatment and monitoring.

"The Edmund C. Olson Trust II, which owns and operates the Ka'ū Coffee Mill, is cooperating with the FWS investigation and is offering up to a \$2,500 reward for information leading to the locating and apprehending of those responsible for the shootings."

U.S. Fish & Wildlife officer Paul Chang said informants can call 933-6964 to provide information confidentially. "Individuals who provide key information resulting in a conviction of those involved will be considered to receive the reward," the poster says.

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