



YOUR GUIDE TO THE WORLD'S ENVIRONMENTAL CRISIS

THE COMPENDIUM NEWSLETTER

EDITOR: NANCY PEARLMAN

POST OFFICE BOX 351419, LOS ANGELES, CALIFORNIA 90035 • PHONE: (310) 559-9160
SEPTEMBER — OCTOBER 2016 VOL. 44, NO. 5 ISSN #0198-9103

NATURE AND CITIES CAN COEXIST



drawing by Miller Yee Fong

In the riverbed in Pasadena, California, near the Rose Bowl, is a beautiful natural area where there is a modern home designed by the architects Conrad Buff III and Don Hensman. This home will become the USC Carol Soucek King and Richard King Center for Architecture, Arts, and the Humanities, 60 El Circulo Drive, Pasadena, CA 91105. Carol's inspirational book **UNDER THE BRIDGES AT ARROYO DEL REY: THE SALON ON THE SPIRITUALLY CREATIVE LIFE** provides excerpts from her salon talks by friends, acquaintances, and speakers who provide ways to achieve a more meaningful life. She believes that nature can empower individuals to reverse that which is negative and empower that which is uplifting and spiritual.

EDITORIAL—CIRCUS

Recently I went to the Ringling Bros. and Barnum & Bailey Circus billed as “The Greatest Show on Earth” presenting “Out of This World.” I knew that my animal rights friends would disagree with my attendance and they urged me to boycott; they call it “The Cruellest Show on Earth.” But I wanted to see for myself what the circus was doing regarding their animal acts. I believe that if I am to oppose something, I need to learn as much as possible and, if possible, see for myself. It was a spectacular show and even if the animal acts were not in the performance it would be an incredible show.

Unlike the three-ring circuses that I remember from my childhood that had the elephants parade around and different acrobatic and animals acts in each ring, this circus is now a full theatrical production based on a theme. Ignoring how you feel about wild animals in entertainment, the show was marvelous. The elephants have been retired to a sanctuary in Florida and were not seen. There is a trainer with his captive-bred tigers and lions doing tricks with them that I could never get my domesticated cat to do. The other animal acts were with domesticated animals: dogs, llamas, hogs, and horses. Before the official show, there were explanatory “acts” explaining how the animals were cared for and how they were trained. The rest of the remarkable performances were based around a theme of traveling in outer space. The live music was wonderful and the clowns, as usual, provided the fun action.

This show opened with performers skating on an ice rink. Colorful costumes, exciting music, and leaps and turns, thrilled the audience. It is hard to describe some of the acrobatics: There was balancing on a bicycle on a circular, turning metal frame. There were motorcyclists swirling around inside a circular frame at a fast speed. Trapeze artists twirled, tumbled, and somersaulted across the open heights of the Staples Center. Basketballers on unicycles dribbled, spun, slam-dunked, and performed other stunts. Then there were figure skaters, aerialists, and hoop divers doing acrobatics on ice skates. Up in the circled above the floor, young ladies twisted and turned in unique ways inside their colorful globes. There were colorful costumes for horseback riders who circled the ring on horses and leaped and turned and stood three people high while the horses were galloping. As a former equestrian, I marvel at how these riders can jump on a galloping horse, stand on it, and turn under its belly.

This circus claims that its tigers serve as ambassadors for their species in the wild and that they donate to tiger conservation programs worldwide. Their program guide invites people to buy the “Save Vanishing Species” stamps from the United States Postal Service. Through their Center for Elephant Conservation and Ringling Bros. Children’s Fund they are promoting cancer research and studies to find out why elephants are more resistant to cancer than people. In 1995 they started their Ringling Bros. and Barnum & Bailey Center for Elephant Conservation which is dedicated to the reproduction, retirement, and study of the endangered Asian elephant species. They also partner with the government of Sri Lanka (formerly Ceylon) to help reduce conflict between people and elephants. PETA and other animal rights groups claim that the Circus has had violations of the Animal Welfare Act and that transporting the wild animals in small cages is stressful and should be discontinued. For whatever reason, the Circus has chosen to keep its animal acts. So the debate continues about the animals.

The show is so incredibly produced and beautiful to watch, it could easily mesmerize an audience without the animals. People will continue to love to be entertained.

ENVIRONMENTAL DIRECTIONS RADIO SERIES

ENVIRONMENTAL DIRECTIONS, hosted by Nancy Pearlman, is Educational Communications' international, award-winning interview radio series airing on commercial, listener-sponsored, and college-operated stations as well as on the internet. The series has continued weekly since 1977 and is the longest-running environmental program in the United States. Shows are taped on location throughout the world or at facilities in the Los Angeles area provided by the Ecology Center of Southern California. If you wish to be a guest, simply telephone Nancy at (310) 559-9160 to schedule a time and place.

Stations airing *Environmental Directions*:

KBPK, 90.1. FM out of Fullerton College in Southern California

Friday, 6:00 PM and Sunday, 7:30 PM, live simulcasts on www.kbpk.fullcoll.edu

KKMJ, 95.5 FM, KAMX, 94.7 FM, KJCE, 130 AM, out of Austin, Texas

Stations are part of Entercom Broadcasting and are hot new music, soft music, and talk formats; various times, usually on Sundays

YouTube: ENVIRONMENTAL DIRECTIONS WITH NANCY PEARLMAN

Dates below are for the first week of airing on KBPK:

#2003B, June 26, 2016, Gary A. Golding, Jr., Environmentalist; Naturalist; Founder of Sentence, "Consume As Little As Possible"; Owner, The Golding State—elementary school gardening; nature philosophy; maintaining bees; promoting "consuming as little as possible"; protecting animals including insects; changing diets

#2004, July 3, 2016, Dawit Aragaw, Tour Guide, Tour Operator, Tour Coordinator and Tour Facilitator, Abstract Land Ethiopia Tours in Ethiopia—creating personalized individual and group tours of the many regions of Ethiopia including the Tigray and Oromia areas; trips that show the cultural and natural history of this East African country including the second highest peak in the country, endemic wildlife, ancient stellas, rock-hewed churches from the 1st-5th centuries AD; ancient tombs and palaces dating back 3,000 years; coffee plantations and ceremonies; museums with ancient artifacts and the home of "Lucy" the skeleton discovered to be the human link on the evolutionary cycle; modern cities and traditional villages; eco-adventure opportunities and ecotourism experiences

#2005A, July 10, 2016, Eyasu Dina, Tourism Expert and Promotion and Communication Specialist, Oromia Culture and Tourism Bureau, Ethiopia—meeting the Oromia people of Ethiopia at their museums, in their villages, at coffee ceremonies and in the fields; seeing the cultural and natural history of the East African country of Ethiopia

#2005B, July 10, 2016, Jeff Taylor, Museum Curator, Fort Duncan Museum in Eagle Pass, Texas; Rancher; Former Electrical Engineer and Custom Agent—history of Fort Duncan: built in 1849 with 22 buildings (now 10); uses by Civil War armies; Native American artifacts from the Kickapoo, Lipan, Comanche, and Apache; flood in 1954 on the Rio Grande and across the river to Mexico; period room from the 1900s; WWII memorabilia especially the WASPs

ENVIRONMENTAL DIRECTIONS RADIO SERIES CONTINUED

#2006A, July 17, 2016, Dr. Shannon DeVaney, Associate Professor of Biology, Pierce College; Member, Deep Sea Biology Society and Society for the Study of Evolution—deep-sea fishes (dragonfishes, bristlemouths, hatchetfishes, deep sea eels); diversity of plants (wooley blue curls and sagebrush) at the Los Angeles Community College District's Gold Creek Ecological Field Station in Little Tujunga in the San Fernando Valley

#2006B, July 17, 2016, Ronald Bigelow, Retired Professor of Biology, Los Angeles Valley College; Member, American Association for the Advancement of Science; Original Member, Gold Creek Committee, Los Angeles Community College District's Gold Creek Ecological Field Station—snow algae in Colorado and Canada; work with NASA and the National Science Foundation especially regarding algae in space; formation of 240-acre nature reserve in Little Tujunga in the San Fernando Valley of the City of Los Angeles in southern California and its use by nine colleges

#2007, July 24, 2016, David Krieger, Ph.D., Founder and President, Nuclear Age Peace Foundation; Former Researcher, Center for the Study of Democratic Institutions; Former Professor, International Relation, San Francisco State University; Attorney; Author, *Zero! The Case for Nuclear Weapons Abolition*; Co-Author, *The Path to Zero: Dialogues on Nuclear Dangers*; Editor, *Speaking of Peace: Quotations to Inspire Action* and *Never Enough Flowers: The Poetry of Peace II*—nuclear weapons development and use from WWII to present; need to reduce nuclear stockpiles and deal with nuclear waste; creating a culture of peace and security

#2008A, July 31, 2016, Aria Elan, Singer; Songwriter; Entertainment Attorney; Author of historical fiction, *Missionary*—CDs, *Aria Elan Smile* and *Free Mama Earth* with songs *Smile*, *Just Say No*, and *Free Mama Earth*; using environmental songs and videos to develop an ecological consciousness; connecting environmental racism, gender issues, hunger, and homelessness; singing with Grammy-Award winner Mamadou Diabate

#2008B, July 31, 2016, Jeremy Clothier, Education Program Coordinator, Sibley Nature Center in Midland, Texas—Llano Estacado region in far west Texas; wildlife of Midland Texas including: eagles, teals, clucks, prairie dogs, pronghorn antelope, mountain lions, beaver, Sandhill cranes, and hawks; nature paths and preserve in heart of city and an oil-producing regions

#2009, August 7, 2016, Bob Shanman, Owner, Wild Birds Unlimited Nature Shop; Birder; Former Civil Engineer; Member, Palos Verdes Audubon Society; Walk Leader, Palos Verdes Peninsula Land Conservancy; Member, Board of Directors, Friends of Madrona Marsh; Director Emeritus, Friends of Ballona Wetland—encouraging wild birds in yards; supplies to help wild birds including feeders and food; bird walks in Los Angeles County's coastal area; saving wildlife and wetland habitat along the coast of Los Angeles; giving portion of shop proceeds to South Bay Wildlife Rehab organization

ECONEWS TELEVISION SERIES

ECONEWS, produced and hosted by Nancy Pearlman, currently airs on over 40 cable channels (governmental, educational, and public access stations) in more than 19 states reaching about 18 million homes weekly. Each show gets about 300 airings over a four-year period due to multiple plays and reruns. There are over 600 programs produced since 1984. Special documentaries have aired on the PBS satellite and in other countries and venues including film festivals. ECONEWS is provided free-of-charge to television stations via a distribution network of DVDS. Copies may be obtained for \$10.00 which covers dubbing, postage, and handling. Your tax-deductible donation allows us to continue to provide the ecological message to the public and to encourage ecotourism. Check the credits for the help by our volunteers. Titles are listed on www.ecoprojects.org. Our **YouTube Channel is: ECONEWS with Nancy Pearlman**. Featured are programs done by our professional camerapeople and editors as well as our student interns and volunteers.

#3103, TAMAN NEGARA NATIONAL PARK, MALAYSIA—Review by Leslie Lewis

Host Nancy Pearlman and her ECONEWS team Robert Payne and Maria Mes, travel to Malaysia's first national Park, Taman Negara National Park, which is now celebrating its 75th year. The ecosystem on Malaysia's Peninsula is over 130 million years old and is one of the world's oldest rainforests. To get to the eco-friendly hotel located inside the park, the travelers traverse the river in a boat. Nor Ismail Abu Barkar is the guide who leads the group on a nighttime jungle walk to see some of the animals (tapirs and insects) that only come out after dark. During the daytime, he takes everyone on a 1.5 mile canopy walk high in the treetops to see the life that isn't on the ground. During a walk along the forest floor, we see labeled trees but have the naturalist explain how the fruits and flowers are used by the native people. There is even a five-foot high termite mound. He explains the symbiotic relationship between the thorny plants, step ferns, orchids and vines on the trees. Nancy hits one tree on the trunk to hear the sounds that it makes; this was the way local people used to communicate. The park is bordered by the Tembeling River which goes all the way to the South China Sea. There are no roads in the area and all travel is done on the river. There are many boat excursions for tourists so that one sees park vegetation on one side and on the other side villages, homes, and resorts. The team stops at a local indigenous village of the Ora Asli or Batik tribe where about 15 families live. These nomadic people demonstrate the way to start fires without matches using friction on raton and also how to use blow guns. Nancy tries using the blow gun and then joins in dancing to a traditional tune. Visitors from the Australian International School in Kuala Lumpur, Malaysia, describe their trip's experiences. The lovely accommodations are complimented by delicious food. The wonders of a rainforest are many and we were able to see monkeys on the rooftops of the hotel bungalows, spider lily flowers, timber ants (millions going up and down the tree trunks), cicadas, and many other wildlife, just a fraction of the species in the area: 2,000 plant species, 1,500 insect species, 25,000 vertebrates, 675 birds, 270 reptiles, 250 fresh water fish, and 200 mammals. The beauty is stunning from water streaming from rain to form little waterfalls to the variety of intermeshed flowers, shrubs, and trees. The trails have been laid with wood so that one does not need to walk on a muddy and slippery rainforest trail. On the way to the park you can see massive forest treetops, villages and towns, and palm oil plantations.

WILDLIFE STATE OF AFFAIRS

COFFEE IN ETHIOPIA—The birthplace of coffee Arabica is in the forests of southwest Ethiopia. The term “coffee” is said to derive from *Kaffa*, the ancient name for the present-day Oromia region. The Kaffa Kingdom lasted as an independent state for over 500 years, supported by a rich trade in gold, ivory, and coffee, until annexed by Ethiopia in 1897. Legend has it that sometime around the 6th century near the town of Bonga, a curious goatherder named Khaldi spotted his goats eating red berries from a shrub he had never seen before, after which the goats became particularly frisky. So Khaldi gave the berries a try himself and the coffee bean was discovered. The Bonga Forest Reserve covers some 500 square kilometers of hillsides and is among the last remaining subtropical moist forests of any significant size found in Ethiopia. Its varying topography, which ranges from 500 to 3,300 meters (over 9,000 feet) in elevation, partly explains the superb quality of its coffee berries which grow best on land between 900 and 1,800 meters. The shade provided by forest trees also helps the coffee beans to develop more slowly, becoming more dense and flavorful. Also in the forest, one can find forest cardamom (a spice), long green peppers, fruiting banana trees, and traditional beehives. Honeybees thrive in the forest; their honey is used to make *tej*, an Ethiopian honey wine. Black and white colobus monkeys are abundant and other wildlife include lions, leopards, hippopotamuses, buffalos, and antelopes. [Source: Abstract Land Ethiopia Tours]

PENGUINS—There are seventeen species of penguins found in various regions around the world, including Antarctica, South America, Africa, Australia, New Zealand, and the islands off the coastlines of those regions. Perhaps the most classic look is that of the Emperor Penguin (*Aptenodytes forsteri*). It represents the largest of the species measuring up to four feet tall and weighing up to ninety pounds. Found only on the Antarctic continent, they are the only species that breeds during the Antarctic winter. They will walk up to seventy-five miles inland to avoid nesting on the sea ice, which will melt before the chicks are ready to fledge. The female lays one egg and leaves it with the male, which incubates the egg on its feet for sixty-four days huddled in a large group with the other males. Of the genus *Pygoscelis* is the Chinstrap Penguins, where in addition to sub-Antarctic islands where they breed, there is a colony on the South Sandwich Islands boasting more than 10,000 birds. The Little Blue Penguin (*Eudyptula minor*) is found in New Zealand and Australia and is the only species in their genus. They are the smallest penguin and measure just 12 to 16 inches in height. The Galapagos Penguin (*Spheniscus mendiculus*) is endemic to the Galapagos Islands of Fernandina and Isabela and the world’s northernmost penguins. They are classified in the same genus as Magellanic, Humboldt, and African Penguins and are known as wig-tailed or banded penguins. The genus *Megadyptes* includes just one species, *antipodes* or the Yellow-Eyed Penguin; it is endangered and is on the International Union for Conservation of Nature’s Red List of Threatened Species. The crested penguins, or genus *Eudyptes* includes the Southern Rockhopper, Fiordland, Snares, Erect-Crested, Royal, and Macaroni Penguins. [Source: Aquarium of the Pacific]

ELEPHANTS—In 2014, the government of Zimbabwe sold to China elephant calves captured in Hwange National Park. Zimbabwe supposedly will use the money for conservation but the country ranks near the bottom in the world on the Transparency International’s Corruption Perceptions Index. There is also a grave psychological toll on the calves and their kin to be removed from their families.

CURRENT LAND USE

CLAYOQUOT SOUND, BRITISH COLUMBIA, CANADA—In 2015 the Ahousaht First Nation hereditary chiefs announced a moratorium on industrial logging their territories on Vancouver Island, British Columbia, Canada. They also evicted Cermaq's newest salmon farm and blocked Iisaak from road building reiterated their resolve for no more logging on their land. Tla-o-qui-aht First Nations have declared all of their territories to be Tribal Parks and are calling on a moratorium on all mining activities. But more needs to be done to reach a conservation solution that could permanently safeguard Clayoquot Sound's intact old growth forest from logging and other industrial developments. As for salmon farming, 20 open net-pen farm sites still have tenure in Clayoquot's ocean. [Source: Friends of Clayoquot Sound, Box 489, Tofino, BC, V0R 2Z0, Canada]

RAINFORESTS OF BORNEO, INDONESIA—Home to the endangered orangutans and other wildlife, the rainforests in Borneo, both on the Malaysian and Indonesian side, are threatened by logging and fires. Not only are trees being cut down at the horrifying rate of thousands every minutes, but the fires have reached such a level that they now constitute a major global disaster. Six Indonesian provinces, including Central Kalimantan where Tanjung Puting National Park and the Orangutan Foundation International's (OFI) Care Center are located, declared a state of emergency. In 2015 almost a third of the Orangutan Legacy Forest burned to the ground. New trees must be plants as fast as possible. To replant the burned area of the Orangutan Legacy Forest will require an estimated 2.5 million trees. That is 2.5 million saplings or seeds that must be found, planted, and nurtured for years, protected fiercely so they can grow into large, fecund trees bearing plentiful luscious fruit for orangutans and other wildlife to eat.

MONTEBELLO HILLS OIL FIELD, LOS ANGELES COUNTY, CALIFORNIA—Just east of the city of Los Angeles is the small community of Montebello. The rolling hills of the area still provide oil but the local residents wish to save the hills from further exploitation. Due to a geological formation known as an anticline (an upside down, U-shaped fold in layers of rock), the area is perfect for trapping oil and gas deposits. In 1914, nine-year-old Thomas Workman Temple II discovered natural gas bubbling in a pool of rainwater in the hills. Standard Oil began drilling there in 1917. By 1920, Montebello oil fields were producing one-eighth of California's crude oil. The city embraced oil and used oil derricks on its seals and newspaper, and the local high school mascot is Ollie the Oiler. But the last remaining, open space of Montebello Hills should be preserved and by doing so will also preserve the last traces of this great oil field. [Source: Save Our Hills, (323) 727-7189), www.saveourmontebellohills.com]

ANZA-BORREGO DESERT, SOUTHERN CALIFORNIA—For over forty years, the United Nations Educational, Scientific, and Cultural Organization (UNESCO) has been designating natural and cultural sites throughout the world as World Heritage sites. Out of the roughly 1,000 approved sites, only 23 are in the United States including Yosemite National Park and Redwood National and State Parks. None of the sites in the U. S. is a large desert ecosystem like Anza-Borrego in the southern part of California. Environmentalists believe that there is justification in classifying the area based on the natural, cultural, and paleontological uniqueness of this desert ecosystem. [Source: Anza-Borrego Foundation]

FILMS/EVENTS REVIEWS/IMPRESSIONS

CHASING NIAGARA—Kayaking is a wonderful sport and recreational activity and a great way to see nature but this film shows some of America and Mexico's top extreme kayakers as one of them prepares to be the first to go over Niagara Falls in a kayak. Rafa Ortiz, star of *Red Bull Chasing Waterfalls* enlists the help of: world-renowned paddler Rush Sturges, named one of the 20 greatest outdoor athletes by *Outside Magazine*; Evan Garcia, *Canoe and Kayak Magazine's* 2013 Male Paddler of the Year; Gerd Serrasolses, The Association of Whitewater Professionals' Whitewater World Series Champion in 2013; and Aniol Serrasolses, survivor of the 10-story (115 feet) plunge from Keyhole Falls in British Columbia. This team embarks on a three-year journey from the rainforest rivers of Mexico to the towering waterfalls of the United States Northwest as Ortiz prepares for his epic plunge. Incredible photography and adventures are part of this exciting film.

WEINER—This documentary follows the real-time campaign of the former Congressman Weiner as he is running for Mayor of New York City. By watching the deliberations of the political consultants and conflicts which are presented by the media, one gets an excellent picture about how media is more focused on personal sex scandals than the social/economic/environmental issues of running a large city. The problems that occur in personal relationships due to being a high profile figure are also highlighted. This is an informative and interesting movie.

BURLESQUE—The fundraiser for the Dr. Susan Love Research Foundation at the Culver Hotel featured author and filmmaker Leslie Zemeckis. She signed copies of her latest book, *Goddess of Love Incarnate: The Life of Striptease Lili St. Cyr*, which is a biography of history's most celebrated burlesque artist. Zemeckis was stunning in a silhouette Christopher Kane dress and custom-made KOKIN headpiece. There were also the swinging sounds of Sylvia & The Rhythm Boys and some performances by award-winning burlesque artists April Showers and Maxi Millions. Zemeckis spent over five years extensively researching St. Cyr's extraordinary life which included torrid romances, six marriage, and her signature onstage bubble bath. The event was held in Culver City, California, at the landmark Culver Hotel which was built in 1924 and was famous for hosting Hollywood greats (it was owned by Charlie Chaplin who lost it in a poker game to John Wayne). The Foundation is trying to find the cause of breast cancer. Info: www.lesliezemeckis.com/goddess, www.drSusanLoveResearch.org, and www.culverhotel.com.

IDYLLWILD HOME TOUR WITH PALM SPRINGS MODERN COMMITTEE—The Pearlman Mountain Cabin designed by John Lautner was featured on the 2016 tour. Recently placed on the National Registry of Historic Places, this vacation get-a-way in the San Jacinto Mountains is a modern rustic design hand built in 1957 for Dr. Carl K. and Agnes Pearlman by Bill Branch (brother of Agnes). It is available for film and photo shoots, meeting retreats, and visitations. Also on the tour were: Futuro designed by Matti Suuronen, the Lyle Residence, the Crowell Cabin, the A-Tomic-A-Frame, The Bat Cave, and the William M. Lowman Concert Hall at Idyllwild Arts Academy.

ECOLOGICAL ACTION COMMITTEE—BY ANNA HARLOWE

SUPPORTED:

President Obama protecting the Arctic National Wildlife Refuge as wilderness
Designating habitat for sage grouse in southwest Colorado, the Northdale and Dry Creek Basin, as Areas of Critical Environmental Concern
Federal Bird-Safe Buildings Act, H. R. 2280, to encourage friendly materials and designs features
EPA establishing limits on methane pollution
Stopping fracking and all new coal mining on all public lands
Defunding federal wildlife killing programs (in 2015 killed over 2.5 million beavers, wolves, coyotes, black-tailed prairie dogs, black bears, and other wildlife)
Protection of the Scarlet Macaw by maintaining protections under the Endangered Species Act
Creating an animal abuse registry in Connecticut and other states
Keeping acid mine drainage out of the Russell Fork River in central Appalachia
Environmental Protection Agency setting new methane emission rules to reduce emissions from new and modified oil and gas operations
Clean Power Plan and clean energy solutions
An alternative fish passage plan for wild Yuba River salmon and steelhead
A strong international agreement to reduce airline emissions
Release of two Mexican wolf pups into the Gila National Forest and encouraged more releases
Stopping attacks on environmental and human rights leaders in Honduras who support the Council of Popular and Indigenous Organizations of Honduras near Gualcarque River who oppose the Agua Zarca dam and the assassination of Berta Caceres

OPPOSED:

Energy Policy Modernization Act of 2015, S. 212 because it ignores the impacts of biomass and wants biomass considered carbon neutral
“Bundy bill” land grabs: Self-Sufficient Community Lands Act, H.R. 2316, the State National Forest Management Act, H. R. 3650, and the Local Enforcement for Local Lands Act, H. R. 4751, which would allow states and private companies to seize millions of acres of public national forest lands
Plans by Dolphinaris and its parent company Ventura Entertainment to have the first captive facility in Arizona and in the United States with its “swim with the dolphins” programs
Dallas World Aquarium keeping a large panther in a small enclosure
U. S. Fish and Wildlife Service delisting the southwestern willow flycatcher despite the fact that its population has not recovered
Trans-Pacific Partnership trade deal
King Mswati III of Swaziland’s proposal to legalize the rhino horn trade
Proposed Eagle Mountain hydropower plant in Joshua Tree National Park
Corporate sponsorship of our national parks
Proposed Orion Khulna coal plant in Bangladesh that would destroy the Sundarbans, the world’s largest mangrove forest and a UNESCO World Heritage Site

ECOLOGICAL ACTION COMMITTEE CONTINUED

URGED:

EPA to establish limits on methane pollution from the oil and gas industry

United States government to engage with Canada to safeguard southeast Alaska's \$2 billion a year fishing and tourism industry

President of Madagascar Hery Rajaonarimampianina to protect that nation's 107 lemur species (99% are on the verge of extinction) due to climate change and human activities including hunting and logging

The U. S. Coast Guard to advocate for global overboard container loss reporting by industry

Hawai'i's Dept. of Health to protect the public at the beaches with water testing programs and signs

Canada's Prime Minister to suspend Site C dam project's environmental certificate and construction projects as requested by many First Nations

Tobie Mining and Energy to drop their lawsuit against Colombia and respect that country's right to protect the Amazon

NSW Government of Australia to reject the inhumane cull of snowy mountain brumbies and catch and re-home them instead

Burger King to Stop Destroying rainforests

United States Department of Agriculture to follow recommendations of the Government Accountability Office and follow other countries by agreeing to test for glyphosate in its annual pesticide data program

California Water Commission to reject groundwater regulations until they have greater transparency and clarity

Florida Power and Light St. Lucie plant to cover their pipeline entrances with mesh to save hundreds of protected and endangered sea turtle that are injured and killed from being sucked in

Consumer Financial Protection Bureau to restore consumers' right to sue big banks and not have to use arbitration

U. S. Congress to pass a law that explicitly prohibits any part of the executive branch from waiving laws for the purpose of constructing a wall between the United States and a neighboring country

Burger King to stop destroying rainforests by demanding that their suppliers, especially CArgill, work immediately to remove all deforestation from the supply chain

President Obama to send the Convention on the Rights of the Child (a treaty) to the U. S. Senate for ratification

Large carbon polluters to support the Paris Climate Summit agreement

COMMENTED:

DOI-BLM-Eastern States-0030-2016-0002-EA and urged the Bureau of Land Management to withdraw support for fracking in Ohio's only national forest, The Wayne

Need to provide disability benefits to veterans who can submit proof that their cancer was caused by toxic water at Camp Lejeune

Moose-Wolf-Vegetation Management Plan and Environmental Impact Statement for Isle Royale National Park by supporting Alternative C which would bring wolves to Isle Royale as needed

U. S. Fish and Wildlife service to reconsider wolverine protections by reversing their 2014 decision and restore endangered species protections for the animals.

EDUCATIONAL COMMUNICATIONS REPORT—BY NANCY PEARLMAN**ACTIVITIES BY NANCY PEARLMAN REPRESENTING ORGANIZATION****(partial for July-August 2016)**

Attended: “Laughter Through Tears” Memorial Tribute to Theodore Bikel; Dwell on Design Expo; Animal Rights National Conference; Barnum & Brothers and Bailey Circus; Bella Guatemala Travel Program; Silk Road Festival (Turkish, Korean, and Indian Dance) at Levitt Pavilion; Uyghur Performance at California Plaza; Hershey Fedler as Leonard Bernstein in “Maestro”; California Institute for Yiddish Culture and Language show by Shane Baker performing Yiddeshaya at Robertson Library

Screened: Ray Bradbury’s “Wonderful Ice Cream Suit”; “Chasing Niagara”; International Santa Monica Teen Film Festival films—“Brothers,” “Girls Don’t Cry Wolf,” “Fragile,” “One Day on Carver St.,” “Salad,” “Ajar,” “Ellie,” “Shia LaBeouf: A Musical Epic,” “The Peephole,” “I’m Afraid,” “Crazy Beans!” “Have You Seen Her?” “The Sniper,” “Where Are You?” “Misguided Child,” “Cortex,” and “Cambodia: The Next Generation”; Swiss film “Little Mountain Boy”;

Met: Turkish Consul General regarding shooting a documentary in Turkey

Visited: Fairmont Grand del Mar Resort; Iron Mountain in Poway

Answered: Media industry study by researchers at San Diego State University.

Participated in regular meetings: The ReUse People of America, Los Angeles County Democratic Party Central Committee, Californians for Population Stabilization Annual Dinner, and the Sierra Club Angeles Chapter’s Political Action Committee; LA As Subject Archivists

Designated and Showed: The Pearlman Cabin in Idyllwild designed by architect John Lautner was designated a California Historic Site and shown to 110 members of the Palm Springs Modern Committee as part of their Idyllwild Home Tour Event

ACTIVITIES BY NANCY PEARLMAN AS TRUSTEE FOR THE LOS ANGELES**COMMUNITY COLLEGE DISTRICT (LACCD) (in addition to Board and Committee Meetings)**

Attended: “Combined Remedies: Technology Integration to Expedite Closure” at UCI with AECOM, Arcadis, EPA, Regensis and other panelists; nature walks with professors at Gold Creek Ecological Field Station; Reception for local elected officials in honor of Speaker Anthony Rendon by Los Angeles Mayor Eric Garcetti and First Lady Amy Elaine Wakeland; 25th Anniversary of the Ethiopian National Day; People’s Republic of Bangladesh “Bangladesh: Your Prospective Destination” Seminar; Progressive Democrats County Central Committee Victory Dinner; Los Angeles County Business Federation Freshman Policymaker Recognition Reception; Health Care Center Ribbon Cutting at Los Angeles Mission College; UTLA-PACE Elected Officials Reception; Central City Association’s Chief of Staff Recognition Reception; Pacifica Builders Summer Party; LACCD, The Campaign for College Opportunity, and the Alliance for a Better Community Leadership Roundtable: “Determining the Future of Los Angeles Public Education”; Memorandum of Understanding with Harbor College, Los Angeles Port, and CSUDH; Republic Day of Azerbaijan; Gold Thimble Fashion Show at Trade-Technical College

Spoke: Flex Day at West Los Angeles College; Sylmar Neighborhood Council

Interviewed: two shows on “Charter Local Edition with Brad Pomerance” television airing on the California Channel, Charter Channel 188 and on KDOC-TV and www.youtube.com/charterlocaledition

Pictured: Nancy Pearlman is in photo in the Los Angeles City College (LACC) Foundation’s Alumni Newsletter of ribbon cutting at LACC’s New Kinesiology Building

IN MEMORIUM—ROSITA GOTTLIEB ZUCKER

As a talented artist known for images inspired by rainforest conservation in her native Costa Rica, Rosita Gottlieb Zucker painted professionally for more than 50 years and was exhibited in galleries worldwide, the first in 1963. Her bold oils, which she added marble sand, beeswax, wire mesh, and other materials, created thickly textured paintings. Her series “Vision of Hope” was to bring attention to conservation and the protection of threatened wildlife and plant life throughout the world. She last lived in southern California with her writer husband Martin Zucker and passed at age 85. You can see her paintings at www.rainforest-art.com.

LETTERS-TO-THE-EDITOR

Comments from the Screening Premiere of “The Jews of Azerbaijan” and “Azerbaijan: Land of Hope and Inspiration at Temple Har Shalom in Idyllwild, California—Patricia Schnetzer: “You are doing good work in the world, Nancy. Thank you for all that you do for humanity.” Other audience members wrote: “They were both so very well received and very informative. This is an area of the world that Americans generally know little about so we were like sponges.” “Nancy Pearlman was fascinating and her films were fantastic, only making me wish others from the larger Idyllwild community could have been there. I would love to see her up here sometime in the future again.” “Of all the worthwhile activities and appeals on this hill (country, world), I was moved to action by the presentation.” “And the presentation was fascinating, I wish Nancy would come more often.”

Comments from Los Angeles Valley College’s Arbor Day Festival—Adrian Covarrubias, President, Eco Advocates Club: “Thank you for participating at the Arbor Day Festival. I really appreciate the help to make the event a success. . . .” Virginia Requa, Chair, Sustainability Committee: “I really appreciate your attendance and stories at our Arbor Day event.”

Faye Levy: “Thank you, Nancy! You were terrific, and we’re looking to seeing the other Azerbaijan documentaries!” [after she attended screening at the Consul General of Azerbaijan in Los Angeles] Dawit Aragaw, Abstract Land Ethiopia Tours: “Thank you so much for your excellent work and timeless effort! I heard the Environmental Directions radio show with my interview and it was so fantastic. I can share on my Facebook page and on Abstract’s page. . . . Hopefully see you again here in Ethiopia.”

Carol Soucek King: “. . . Your extraordinary May-June 2016 edition of *The Compendium Newsletter* arrived!!! How abundant are its offerings of newsworthy happenings and events and support of fine advancements—very special, I feel most fortunate to receive it. Thank you! Also, I see this as a wondrous journal of your life and it is a splendid, worthwhile, caring life indeed! Amazing!!! You are a living inspiration. . . .”

Aria Elan: “You did a great job editing [Environmental Directions radio show with Aria]. Wonderful interview. Thank you!!!”

Malik Qamar Abbas Khokhar, Deputy Consul General, Consulate General of Pakistan: “It was a pleasure meeting you. The documentary [“Azerbaijan: Land of Hope and Inspiration”] you had made was wonderful. Thank you.

MATERIALS AND RESOURCES

PERSONAL CARE

Mouthwatchers is an “antimicrobial flossing bristles” **toothbrush** made Mouth Watchers, 293 Humphrey St., Swampscott, MA 01907, (866) 941-8478, www.mouthwatchers.com. They are dedicated to “advancing dental health by bringing innovative dental products to the world.” They also have a great folding toothbrush for travel or to keep in one’s purse.

EcoLips has **lip balm** in flavors such as “eucalyptus mint” and “rose quartz”; some even have “ecotints” or coloring that can serve as lipstick. Oregon Tilth certifies the organic ingredients; 30% are fair trade certified ingredients. Contacts: www.ecolips.com or www.tilth.org.

Adamia has **therapeutic repair lotion** with macadamia oil. This lotion hydrates the skin and feels and smells great. It is fragrance free and non-allergenic. It is distributed by Focus Consumer Health, P. O. Box 23591, Chattanooga, TN 37422.

Healing Skin, 225 East 86th St., New York, NY 10028, (212) 327-2876, has **Burn Cream MD To Go Lotion** to provide immediate pain relief. It was created by Board-certified dermatologist Dr. Diane Madfes. The active ingredient is lidocaine hydrochloride. A portion of sales proceeds go to the National Fallen Firefighters.

Bodyography Professional Cosmetics has created **lip slides** which is a collection of lip colors that are a hybrid of a lipstick, gloss and stain. Shades include a “nude, pink, brown shade,” a “dusty rose,” a “fuchsia,” and a pinky coral. They are paraben, cruelty and gluten free with a vegan option. Contact: www.bodyography.com.

Kiss My Face has a **soap bar** that is fragrance free and made from 86% pure olive oil and antioxidants for moisturizing and cleaning. It is certified as a Non-GMO product. The soap is made in Greece but distributed by Kiss My Face in Gardiner, NY 12525, www.kissmyface.com.

First Defense Nasal Screens International provides **nasal screens** which are “band-aids for the nose” to combat allergies, pollution and respiratory droplets and viruses whether on the plane or in the city. The company provides these personal air filtration nostril screens in over 40 countries. They reduce second-hand smoke, pet-associated allergens, and disease-causing pathogens. Contact: First Defense, 7143 State Road 54, #117, New Port Richey, FL 34653, (877) 692-4709, www.filteryourlife.com.

FOOD AND DRINK

Mavuno Harvest makes **dried fruit** (mango, papaya, pineapple, banana, jackfruit, and tropical mix) made organically from sources grown in Africa, especially Burkina Faso and Uganda. The company, Mavunoharvest, 2901 W. Hunting Park Avenue, Philadelphia, PA 19129, www.mavunoharvest.com, info@mavunoharvest.com, (267) 615-8251, has fair trade premiums that go directly into community development projects such as building schools and creating access to clean water. They encourage family farmers to grow sustainably and organically.

World Peas has a variety of natural **green pea snacks** that are gluten free, cholesterol free, and transfat free. A portion of their profits go to youth education initiatives. Their “fava chips” come in Texas Barbeque, Brighton vinegar and sea salt, and Santa Barbara Ranch flavors among others.

MATERIALS AND RESOURCES

HOUSEHOLD, YARD, OFFICE, AND TRAVEL

Viabella has **notecards** for various occasions. Their “love mother earth” series has colorful geometric and nature drawings with phrases such as: “Laugh as much as you breathe on your birthday,” “FanF-reakin’tastic: that’s the kind of day you’re wished,” “A beautiful spirit shines like a billing stars in a clear night sky: It’s a brighter world because you’re in it. Happy Birthday,” “We have the greatest pre-nup in the world. It’s called love: Happy Anniversary,” “ To hold a new baby is to hold the joy of life: Enjoy your little miracle,” “ You’re my hero (hope you can stand the pressure),” and “We’ve been together through thick and thin (I prefer thin).” The designs are by various artists; the cello bag is made from certified compostable plant material. Contact: Viabella, 9 Kendrick Road, Wareham, MA 02571, www.viabella.com, orders@viabella.com, (800) 688-9998.

Modern-Twist has designed a plastic-free **refrigerator storage bag** made from pure platinum good-grade silicone. Their **Stasher** bags are reuseable and easy to clean and can also serve as a on-the-go container. The non-porous surface helps inhibit bacterial growth and the innovative pinch press seal is air tight. You can write on it labels and notes. They say it has “no petroleum, no PEVA, no PVC/latex, no vinyl, no phthalates, and no chlorine. They are freezer-safe, microwave-safe, and dishwasher safe. Contact: Modern-Twist San Francisco, (510) 531-2100, info@stasherbag.com, www.stasherbag.com.

Pedego has an excellent line of **electric bicycles**. Everyone knows that cycling is a good way to lose weight and get fit, to lift your mood, and to move ahead of the pack. To make it easier electric bikes take off the stress of pedalling; you can work as hard or as little as you like. There are many color options, battery options, tire colors and upgrades for their main models with three or four different frame styles to chose from for the “Interceptor, City Commuter, Comfort Cruiser, Boomerang, Tandem, Ridge Rider, Stretch, Trail Tracker, or Latch.” Contact: www.pedego.com.

Skyport Cloud Services and Venstar has created a high resolution, touch screen display **digital thermostat** that can be simply connected anywhere. They also include a remote control where you can monitor your thermostat from your iPhone, iPad, Android, Amazon, or Blackberry device. Various models have wi-fi built in for free mobile apps or a drop down current weather and forecast screen. These are Title 24 compliant. There is also gas electric or heat pump control, adjustable timers and deadbands, programmable fan, and a customizable screensaver and wallpaper. Languages include English, Spanish, or French. Accessories include a duct sensor, burl wood faceplate, wall plate, or remote temperature sensor with override button. Contact: Venstar, www.venstar.com.

Greenlid is a Canadian company, 258 Dufferin St., Suite #107, Toronto, Ontario, M6K 1Z8, Canada, that has created a **compostable compost bin** for your kitchen counter. It is made from 100% biodegradable and compostable materials including 100% recycled cardboard. Over 40% of household waste is compostable but little of it is reused in the backyard compost pile or put in the curbside pickup containers. By putting your food scraps to another use, you avoid having it end up in a landfill where it breaks down very slowly, releasing methane gas that contributes to global warming. The tops can be cleaned and reused and the buckets can eventually be replaced with refills.

BOOK REVIEWS/IMPRESSIONS

POMEGRANATES & SAFFRON: A CULINARY JOURNEY TO AZERBAIJAN—by Feride Buyuran; AZ Cookbook, P. O. Box 3515, Los Alamitos, CA 90720; 336 pp.; hardback; ©2015. The stunning photographs along with detailed recipes (and information especially useful to those not used to preparing such items), will help you enjoy cooking and eating the delicious food of Azerbaijan, a Euro-Asian country located on the Caspian Sea and bordered by Russia, Georgia, Turkey, Armenia, and Iran. As a native of the area but now living in southern California, Buyuran describes delicious salads, appetizers, soups, meat and fish dishes, vegetables, sauces, pickles, breads, pastries, beverages and other menu items from pasta dishes to pilafs. She explains some of the history and traditions of the food, variations from the region, and the local environment. She is delighted to share her expertise with those who wish to sample her superb cooking or learn how to do it yourself.

THE YIN AND YANG OF CLIMATE CRISIS: HEALING PERSONAL, CULTURAL, AND ECOLOGICAL IMBALANCE WITH CHINESE MEDICINE—by Brendan Kelly, L. Ac.; North Atlantic Books, Berkeley, California; 229 pp.; \$17.95 paperback; ©2015. Kelly is the co-founder of the Chinese medicine clinic Jade Mountain Wellness and a practitioner of acupuncture and Chinese herbal medicines who believes that the symptoms and remedies for what is ailing humans and the earth are one in the same. He demonstrates that crises such as melting ice caps, dying forests, and devastating floods are symptoms of deeper issues, both within us as individuals and within our culture. While he acknowledges that climate change is a catastrophe, he also believes that it provides us with real opportunity. This is an interesting combination of ecological issues combined with ancient beliefs and practices.

IT'S MILKING TIME—by Phyllis Alsdurf; illustrations by Steve Johnson & Lou Fancher; Random House Children's Books, 1745 Broadway, New York, NY 10019; \$16.99 hardcover; ©2012. This charming children's story with delightful drawings shares Alsdurf's experiences growing up on a dairy farm. Your child will learn "Where does milk come from?" as well as realizing that a young farmer enjoys chores with her father and has a special relationship with the cows that provide their livelihood.

NUTRITION GIRL SAVES THE COMMUNITY FROM THE SUGAR MONSTER—by Rodney D. Robinson; America Star Books, Frederick, Maryland; 18 pp.; ©2015. With easy-to-read bold text and opposing pages of colorful pictures, this book delights the young reader. With his nine-year old daughter, Robinson created the super hero Nutrition Girl whose mission is to rid the communities of America of unhealthy foods, promote healthy fruits and vegetables, and to give health tips. Intended as part of a five book series, we can look forward to reading and seeing more of this young African-American female hero helping to educate the world about the benefits of living healthier lives. It is a fun read and a perfect educational tool for kids in grades K through 5.

VEGAN STARTER KIT—by Friends of Animals, 777 Post Road, Suite 205, Darien, CT 06820, (203) 656-1522, www.friendsofanimals.org, in their 23-page booklet has short articles on "Why go vegan?" "How to become vegan," and "Recipes." Vegetarianism is commonly defined as a plant-based diet but vegans forgo all dairy products or animal products including honey and leather.

BOOK REVIEWS/IMPRESSIONS —NOVELS

THE CONDOR SONG: A NOVEL OF SUSPENSE—by Darryl Nyznyk; Cross Dove Publishing, P. O. Box 7000-97, Redondo Beach, CA 90277; 356 pp.; \$17.00 paperback; ©2013. Inspired by the Sierra Club's 1960's battle with Walt Disney Company over a proposed ski resort in the Sierra Nevada Mountains (the area was saved as a national park), former attorney and best-selling author Nyznyk brings captivating realism to this riveting new thriller. The author creates a story that involves personal relationships, environmental threats, legal battles, and more. While this is a novel based on real-life issues, the reader will enjoy the intrigue in the mystery and at the same time get a sense of what it takes to save a beautiful natural area as well as its unique wildlife.

THE EMISSARY—by Patricia Cori; North Atlantic Books, P. O. Box 12327, Berkeley, CA 94712; 276 pp.; \$17.95 softcover; ©2014. In this suspenseful, hair-raising adventure, Cori combines a tale of corporate and government intrigue with an environmental warning, one that questions the very future of life on planet earth. The story is about a determined woman whose mission it is to make known the urgent secret of the whales in time to save the world. The author has seven bestselling books and she also founded the non-profit organization Save Earth's Oceans that is dedicated to restoring the balance of the fragile ocean ecosystems and saving the whales and dolphins from whaling, slaughter, and exploitation. The publishes are part of The Society for the Study of Native Arts and Sciences which is dedicated to nurturing holistic thinking, building cross-cultural consciousness, and promoting personal and global transformation.

THE SILVER SHIPS and LIBRE: A SILVER SHIPS NOVEL—by S. H. Jucha; www.scottjucha.com; 300 pp. and 303 pp.; paperback; ©2015. These books are part of a planned five-book series centering around an explorer-tug captain who spends years in space harvesting ice asteroids for "New Terran's" water-hungry outposts. Then the captain encounters the "Meridiens" who are human but are from settlements originating from colony ships sent from a dying Earth. These thrilling tales of alien ships and people, survival in space, returning home and many other tales of people, ships, and settlements using space as home are an enjoyable reading experience.

HOME—by Toni Morrison; Alfred A. Knopf, 1745 Broadway, New York, NY 10019; 147 pp.; \$24.00 hardcover; ©2012. This Nobel Prize-winning author has created a tale of redemption about a Korean War veteran who returns home and has to deal with a racist America. She writes about about his emotional and physical scars and presents a picture of twentieth century as an individual searches to find himself.

A WHALE FOR THE KILLING—by Farley Mowat; Douglas & McIntyre/Publishers Group West, 1094 Flex Drive, Jackson, TN 38301; 240 pp.; \$18.95 paperback; ©2012. This book is a reissue of Mowat's classic tale about an eighty-ton fin whale becoming trapped in a lagoon near his home in Burgeo, Newfoundland, Canada. While he rejoices in the unique chance to observe one of the world's most magnificent creatures, he must call on scientists, politicians, and the press to stop townspeople who want to kill it. This is just one of his 44 books which include important environmental themes.

ISSUES UPDATE

THOUGHTS FROM JOHN MUIR IN HIS JOURNALS—*“The sun shines not on us but in us. The rivers flow not past, but through us. Thrilling, tingling, vibrating, every fiber and cell of the substance of our bodies, making them glide and sing. The trees wave and the flowers bloom in our bodies as well as our souls, and every bird song, wind song, and tremendous storm song of the rocks in the heart of the mountains is our song, our very own, and sings our love. . . .”*

CLIMATE CHANGE AGREEMENT DISAGREEMENT—James Hansen, father of climate change awareness and a former NASA scientist, has criticized the Paris Agreement which was intended to reach a new global deal on cutting carbon emissions beyond 2020. In December of 2015, nearly 200 nations agreed to a 2C warming target and then to try to do a little better every five years. He believes that there is no real action and only promises and as long as fossil fuels appear to be the cheapest fuels that they will continue to be burned. He also believes that greenhouse gas emissions must be taxed (or a fee applied) across the board to more quickly force down emissions and to avoid the worst ravages of climate change. He recommended \$15 a ton that would rise \$10 a year and bring in six billion dollars in the U. S. alone and that that money could be applied to the actions needed for renewables and ecosystem restoration. He was distressed that the “big” environmental groups were not inclined to support this position. His early research in the 1970s discovered the “greenhouse effect” where heat-trapped gases are released into the atmosphere and were causing global warming with a 99% certainty. Just this year he and 16 colleagues found that the Earth’s huge ice sheets, such as those found in Greenland, are melting faster than expected, meaning that even the 2C warming limit is “highly dangerous.”

MERCURY CONTAMINATION IN CHLORINE—At high levels of exposure, mercury is a poison that has been found to cause memory problems, hair loss, fatigue, joint pain, tremors, impaired coordination and other neurological damage. It has also been linked to cardiovascular disease, high blood pressure, and infertility. It is classified as a “possible human carcinogen.” Mercury exposure *in utero* can cause irreversible brain damage to the developing baby. What is not commonly known is that there is a subset of the chlorine industry (that uses mercury) that makes a huge and completely preventable contribution to global mercury contamination. Chlorine is a bleaching agent, disinfectant, and chemical building block. It is used in everything from drinking water to public pools to paper towels to plastic tents. In 1894, a process was devised to produce chlorine by pumping a saltwater solution through a vat of mercury, or “mercury cell.” The process creates enormous quantities of mercury waste which are then released into the air and water. United States mercury-cell chlorine plants release five times more mercury than average power plants. Other technologies have since evolved, and ninety percent of the chlorine manufactured in the United States today is produced mercury-free. Nine plants in the U.S. and a few dozen in Europe still use the outdated mercury process. Most of Europe’s 53 chlorine factories have been phased out. Chlorine manufacturing could phase out the use of outdated polluting technology and shift to new technology that does not use mercury. All chlorine manufacturing plants should be required to monitor fugitive emissions and account for lost mercury. [Source: Oceana, 2501 M St., N. W., Suite 300, Washington, DC 20037]

ISSUES UPDATE CONTINUED

CALIFORNIA WATER SUPPLY—The Central Basin Municipal Water District and the Metropolitan Water District of Southern California (MWD), Box 54153, Los Angeles, CA 90054, take community leaders on inspection tours of their various facilities. The MWD is one of the world's largest water agencies. From the Colorado River and from Northern California through the State Water Project, MWD imports more than half of all the water used by nearly 19 million consumers in its six-county service area. MWD is the wholesale water provider to 26 member public agencies along with about 130 subagencies and deliver water to homes, businesses, and agriculture in a 5,200-square-mile service area to 25 million Californians and 3/4 of a million acres of farmland. The State Water Project includes 34 storage reservoirs and lakes, 17 pumping plants, 3 pumping-generating plants, 5 hydroelectric power plants, a share of a power plant located in Nevada, and approximately 700 miles of open canals and pipelines. The California Aqueduct is 444 miles long beginning at the south Delta and ending at Lake Perris in Riverside County. Tributaries of the Feather River flow into Lake Oroville in northern California. This is the centerpiece of the State Water Project and is operated by the California Department of Water Resources. The lake is capable of storing more than 3.5 million acre-feet of water and drains some 36,000-square miles of surrounding watershed. The Sacramento-San Joaquin Delta is where California's two largest rivers meet, an area where saltwater from the Pacific mingles with freshwater from the rivers. It is a 700-mile complex web of waterways, sloughs, canals, and islands. Water that flows through the Delta supplies 33 percent of the Bay Area's and 30 percent of Southern California's drinking water, and 23 to 90 percent of the Central Valley's drinking and irrigation water. The Delta covers about 738,000 acres and its water irrigates 45 percent of the fruits and vegetables produced in the United States and is home to more than 500 plants and animal species. Major issues for the delta include: subsidence, salinity intrusion, sea level rise, earthquakes, fish conflicts, carbon, non-native species, and loss of habitat. To save water the MWD promotes conservation, recycled water use and groundwater recovery.

PEACE ACTION—The SGI-USA, Soka Gakkai International-USA (a Buddhist Association for Peace, Culture & Education) publishes their quarterly magazine with various contributors suggesting ways to bring people together for a peaceful world. Philosopher Laura Rediehs considers how individuals can begin to rehumanize society when the fractured and conflictual state of our world can seem overwhelming. Imam Mustafa Ceric, Grand Mufti Emeritus of Bosnia-Herzegovina, explains why he supported the joint statement "Faith Communities on the Humanitarian Impact of Nuclear Weapons" issued at the Conference on the Humanitarian Impact of Nuclear Weapons held in Vienna in 2014. Ruth Ojiambo Ochieng describes how "women's power is in solidarity" and points out that women disproportionately bear the brunt of violent conflict. Harvard anthropologist Nur Yalman urges us to discover the common elements of our humanity if we are to avoid spiraling into destruction. Lou Marinoof, Professor of Philosophy at The City College of New York and founding president of the American Philosophical Practitioners Association, believes that ancient philosophies can help us navigate the stresses and complexities of the 21st century. SGI President Daisaku Ikeda presents his annual Peace Proposal for 2016 in a booklet titled "Universal Respect for Human Dignity: The Great Path to Peace."

CORRESPONDENCE GROUP/ACTION ALERTS

#2061, FLATHEAD NATIONAL FOREST MANAGEMENT PLAN

For more than three decades, dirt bikes and four wheelers with their noise, exhaust and dust have run roughshod across the wild country of the Flathead National Forest. Now the U. S. Forest Service is revising its plan for how to manage the 2.4 million acres. The new plan should control recreational use that threatens wildlife (especially grizzly bears, bull trout, lynx, and wolverine) and should protect the forest's streams and wildlands. Currently the Agency is proposing to take away standards that would protect water quality and wildlife and would allow more snowmobiles to intrude on the quiet winter landscape. A better balance is needed according to the WildEarth Guardians, P. O. Box 7516, Missoula, MT 59807

TARGET: Flathead National Forest Supervisor Weber

Attn: Forest Plan Revision, 650 Wolfpack Way, Kalispell, MT 59901

#2062, SAMSUNG AND TOXIC CHEMICALS

Samsung deliberately kept secret the harmful chemicals its South Korean workers were exposed to and now 76 workers are dead (most were in their 20s or 30s). They need to be held accountable and should reveal the carcinogenic chemicals that workers are exposed to in its factories. They also need to compensate the sick workers and their families and improve safety measures. There have been 200 cases of serious illnesses at Samsung's LCD factories, including leukemia, lupus, lymphoma, and multiple sclerosis.

TARGET: Samsung Electronics North America President and CEO Gregory Lee

85 Challenger Road, Ridgefield Park, NJ 07660, USA

Samsung Electronics, Samsung Electronics Building 40th Floor, P. O. Box 170,

1320-10 Seocho-dong, Seocho-gu, Seoul, Postal Code 137-965, South Korea

#2063, CLEAN ENERGY

The Environmental Protection Agency should make clean energy such as wind and solar affordable for all. The Clean Energy Incentive Program could mean progress on clean energy and energy efficiency. It is a companion program to the Clean Power Plan, the nation's first-ever limits on global warming emissions from power plants. States need to opt in so that their citizens can enjoy the benefits of these programs.

TARGET: Environmental Protection Agency Administrator Gina McCarthy

1200 Pennsylvania Avenue, N. W., #1101A, Washington, DC 20460

#2064, BIG CYPRESS NATIONAL PRESERVE, FLORIDA

As home to the critically endangered Florida panther and the seven other endangered and threatened species in the area as well as many other species of flora and fauna, the Big Cypress National Preserve needs protection from proposed oil and gas exploration. This fragile ecosystem plays a crucial role in keeping clean water flowing into the Everglades and providing safe drinking water for millions of people. Yet the National Park Service wants to allow possible drilling and fracking across more than 70,000 acres of the Preserve, all without completing a legally-required Environmental Impact Statement. This plan needs to be changed so that this treasured wildland can remain intact and we can continue President Obama's commitment to tackle climate change by leaving fossil fuels in the ground in the greater Everglades region. [Source: Natural Resources Defense Council, 40 West 20th Street, New York, NY 10011]

TARGET: United States Secretary of the Interior Sally Jewell

1849 C Street, N. W., Washington, DC 20240

EDUCATIONAL COMMUNICATIONS
POST OFFICE BOX 351419
LOS ANGELES, CALIFORNIA 90035-9119
(310) 559-9160, ECNP@AOL.COM
WWW.ECOPROJECTS.ORG

NON-PROFIT ORG.
U. S. POSTAGE
PAID
PERMIT NO.30333
LOS ANGELES, CA

****Address Service Requested
Dated Material

SEPTEMBER-OCTOBER 2016

CONTRIBUTION FORM

Name (Ms./Mr./Other) _____

Address _____ Telephones _____

City, State, Zip _____ Email _____

Date _____ Donation _____

Contributions are tax-deductible. Make checks payable to: Educational Communications
All contributors receive *THE COMPENDIUM NEWSLETTER* six times per year

WHO AND WHAT WE ARE—WWW.ECOPROJECTS.ORG

EDUCATIONAL COMMUNICATIONS, INC. is a non-profit, all volunteer organization founded in 1958 dedicated to improving the quality of life on this planet. Nancy Pearlman oversees its many environmental projects, including: 1970, **ENVIRONMENTAL RESOURCES LIBRARY**, 1971, **ECOLOGY CENTER OF SOUTHERN CALIFORNIA**, 1971, **THE COMPENDIUM NEWSLETTER**, 1977 **ENVIRONMENTAL DIRECTIONS** radio series, 1984, **ECONEWS** television series, 1993, **PROJECT ECOTOURISM**, 1998, **CAMPUS GREENING**, 2000, **HUMANITY AND THE PLANET AND AFRICA IN NEED**, 2004, **EARTH CULTURES**, and other projects. The group works on environmental, social, peace, and humanitarian issues from the local to the international level.