

Refuge Update Article Index (Jan/Feb 2004 to May/June 2016)

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Jan/Feb 04 Refuge Friends
Mar/Apr 04 Conservation Summit
May/June 04 Cultural Resources
Jul/Aug 04 Fire Management
Sept/Oct 04 Hunting

Nov/Dec 04 Water

May/June 2016

- 1 – Louisiana black bear removed from endangered species list
 - 1 – \$1 Million Boost Goes to Two More Urban Refuges (Heinz and Valle de Oro refuges)
 - 2 – Chief’s Corner: Is ROI Measured Only in Dollars and Cents?
 - 3 – “Hands-on Science in an Outdoor Setting” (Kodiak Summer Science and Salmon Camp)
Shelly Lawson and Bill O’Brian
 - 4 – Weaver Named Refuge Manager of the Year
 - 5 – Studying Mangroves and Rice Rats at “Ding” Darling Refuge *Karen Leggett*
 - 6 – An Inspirational Moment in Conservation History (California condor release at Bitter Creek Refuge) *Diego Blanco*
 - 7 – “They Actually Swam With the Dinosaurs” (Alligator gar research at St. Catherine Creek Refuge) *Bill O’Brian*
- 8-15 FOCUS Dollars That Make Sense

- Refuges Boost Local Economies, Enhance Local Ecosystems *Bill O’Brian*
- Home on the Range Yields Returns (Wichita Mountains Refuge) *Ben Ikenson*
- Discovery Center Exemplifies Support at Tamarac Refuge *Kelly Blackledge*
- Taking MAT to a New Level at Big Muddy Refuge *Bill O’Brian*
- Tensas River Refuge Hunting Bolsters Local Economy *Bill O’Brian*
- Coastal Barrier Resources Act Helps Protect Refuges *Margaret Engesser*
- Refuges Collaborate to Restore Fire-Resilient Landscapes *Karen Miranda*

16-17 AROUND THE REFUGE SYSTEM

- Michigan: Detroit River Refuges is home to extraordinarily rare plants
 - Florida: Longleaf pine planting at St. Marks Refuge
 - Minnesota: Sherburne Refuge is restoring 968 acres of forest land to pre-European settlement conditions
 - Texas: Secretary Sally Jewell and AFL-CIO president dedicate Trinity River Refuge boardwalk
 - Hawaii: Kilauea Point Refuge trail repaired
 - Whooping Cranes: Service ending its support of ultralight aircraft to guide young cranes from Wisconsin to Florida
 - Florida: Land acquisitions at Everglades Headwaters Refuge
 - Midway Atoll: Wisdom – and Laysan albatross and the oldest known bird in the wild – becomes a mother again
 - Rachel Carson Award: Sheldon-Hart Mountain Refuge supervisory biologist receives 2015 honor
- 20 – A Look Back: The Lodore School at Browns Park Refuge, CO

March/April 2016

- 1 – A “Mini-Wetland” in a Parking Lot at Oregon’s Tualatin River Refuge *Bill O’Brian*
- 1 – Using Facebook to Connect (Tom Koerner, Seedskaadee Refuge) *Martha Nudel*
- 2 – Chief’s Corner: Look Up. That Bird Probably Was at a Wildlife Refuge
- 3 – Thriving in Advancement of Conservation (Izembek Refuge) *Jon Barnhill*

4 – Reaching New Audiences in Cities and Beyond (Urban Wildlife Conservation Program)

Angelina Yost

5 – Forging Connections With Latino Communities *Karen Leggett*

6 – Refuges Come Alive on CARE Trips *Martha Nudel*

8-15 FOCUS Helping Migratory Birds Fly

- Q&A With Jerome Ford: “Heightening Awareness in a Centennial Year”
- Managing for Drought – and Birds (Sacramento Refuge Complex) *Ben Ikenson*
- Rainwater Basin (Wetland Management District) Provides Critical Stopover Habitat *Bill O’Brian*
- Working for a Warbler (Tamarac Refuge) *Peter Dieser*
- Introducing New Orleanians to the World of Birds *Bill O’Brian*
- Multi-Pronged Conservation Effort (tools to help conserve migratory birds and their habitat)
- Tiny Technology Helps Track a Tiny Bird *Susan Wojtowicz*

16-17 AROUND THE REFUGE SYSTEM

- Texas: Trinity River Refuge “green” boardwalk
- California: Bair Island marshland restoration project at Don Edwards San Francisco Bay
- Washington-Oregon: Refuge System’s ninth federal wildlife officer canine team is based at Mid-Columbia Refuge Complex
- Georgia: Okefenokee Refuge and fire management partners receive 2015 Pulaski Award
- Maine: Maine Coastal Island staff, Friends and volunteers remove 19,000 pounds of debris from Petit Manan Point shoreline
- Alaska: Climate change makes moose surveying more difficult at and near Togiak Refuge
- Nevada: Desert Refuge visitor center receives 2015 Department of the Interior Environmental Achievement Award
- New Jersey: Great Swamp Refuge hosts visitors from urban neighborhoods

18 – Tom Koerner’s Facebook-posting tips

20 – A Look Back: Assateague Lighthouse at Chincoteague Refuge, VA

January/February 2016

1 – Delmarva Fox Squirrel Is No Longer Endangered

1 – Two Refuges Act to Reduce Bird Collisions (Heinz, “Ding” Darling) *Karen Leggett*

2 – Chief’s Corner: Stories of Success (Cooperative Recovery Initiative)

2 – Moving Away From Print (May/June 2016 *Refuge Update* is final print issue)

3 – Refuge as Rest Stops (Port Louisa Refuge) *Cathy Henry*

4 – *R/V Tiglax*: Alaska Maritime Refuge’s Vehicle for Research *Andrea Medeiros*

5 – Trokey, Lange and TNC-Montana Earn 2015 Realty Awards

6-13 FOCUS Cooperative Recovery Initiative

- Collaborative Projects Benefit Endangered Species *Bill O’Brian*
- 41 Projects (a list of the Cooperative Recovery Initiative projects)
- Big Strides for Little Fish (Topeka shiner and Windom Wetland Management District) *Ben Ikenson*
- A Dramatic About-Face for Sonoran Pronghorn (Cabeza Prieta and Kofa Refuges) *Susan Morse*

- Refuges Vital to Red-Cockaded Woodpecker (Carolina Sandhills, Great Dismal Swamp) *Justin Jacques*
- Enhancing Habitat for Roseate Terns in the Northeast *Bill O'Brian*
- Breathing Life Into Wyoming Toad Recovery Efforts *Ryan Moehring*

16-17 AROUND THE REFUGE SYSTEM

- Texas: Winter 2014-15 whooping crane survey
- Colorado: Service Director Dan Ashe helps release black-footed ferrets at Rocky Mountain Arsenal Refuge
- Louisiana: New Nature Discovery Outdoor Play Area at Red River Refuge
- Puerto Rico: Endangered higo chumbo cactus shows signs of recovery at Desecheo Refuge
- Hawaii: Ten Hawaiian petrel chicks are moved from off-refuge nesting area to Kilauea Point Refuge
- Washington: New footbridge makes Ridgefield Refuge more accessible to all
- Texas: Feral hog study benefits conservation and animal health research at Laguna Atascosa Refuge
- Illinois: 76 hunters with disabilities participate in special deer hunt at Lost Mound Unit of Upper Mississippi River Refuge

20 – A Look Back: Historic Sod House Ranch at Malheur Refuge, OR

November/December 2015

1 – (New Haven) Urban Refuge Partnership Gives Connecticut Students a Taste of Science *Erik Lopez, Taylor Pauls, Katiana Torres*

1 – The Revival of Washington's Willapa Bay [spartina eradication] *Bill O'Brian*

2 – Chief's Corner: Marine National Monuments: Singular Achievements

3 – Celebrating African-American Participation in Nature [Rue Mapp and Outdoor Afro] *Bill O'Brian*

4 – Science Applications + Refuges = Landscape-Scale Progress *Paul Souza*

5 – New App Helps Sort Millions of Trail Camera Images *Grant Harris*

6-13 FOCUS Tropical Island Habitats

- From the Pacific to the Caribbean, Island Refuges Are Distinctive *Christopher Eng*
- 31 Refuges and 4 Marine National Monuments [Pacific/Caribbean info list]
- Did You Know [Pacific/Caribbean factoids]
- Culebra Refuge: Seabirds, Endangered Cactus and More *Bill O'Brian*
- Guam Refuge Preserves 4,000-Year-Old Cultural Legacy *Ben Ikenson*
- Kealia Pond Refuge: "A Hidden Gem of Maui" *Bill O'Brian*
- Intrepid Biologists vs. Crazy Ants at Johnston Atoll Refuge *Justin Jacques*

14 – Chasing Fire: Protecting Refuges and Beyond [2015 fire season summary] *Karen Miranda*

15 – NCTC Video Series Engages Students [*Conservation Connect*] *Brett C. Billings*

16-17 AROUND THE REFUGE SYSTEM

- Alaska: Court dismisses Izembek Refuge road suit
- Alaska: Refuge staff members meet President Obama during Sept 2015 visit
- Wisconsin-Michigan: Green Bay Refuge acquires two Lake Island islands
- Hunting and Fishing Expanded on 21 refuges

- California: Habitat restoration area flourishes at Don Edwards San Francisco Bay Refuge in less than a decade
- Michigan: Stargazing event draws 170 to Shiawassee Refuge
- New Mexico: First-ever butterfly count at Sevilleta Refuge
- Wisconsin-Minnesota: St. Croix Wetland Management District is one of 60 organizations in the St. Croix Valley Pollinator Partnership
- Delaware: U.S. Mint launches the first America the Beautiful quarter to showcase a national wildlife refuge (Bombay Hook)
- Florida: Record season for green sea turtle nests and sea turtle nests overall at Archie Carr Refuge

20 – A Look Back: Herb Dill and Howard Thornsberry

September/October 2015

1 – Urban Refuge Partnerships Launched in Anchorage, Atlanta and Springfield

1 – “Big, Bold, Scary Step” Pays Off for Endangered Deer [Columbian white-tailed deer in Washington and Oregon] *Bill O’Brian*

2 – From the Director: Reimagining Landscape Conservation

2 – Chief’s Corner: Our Choices Make a Difference

3 – Heavy-Duty Cooperation on Equipment Safety *Bill O’Brian*

4 – Effects of Flooding Linger on at Least 9 Refuges [Texas, Oklahoma, Louisiana] *Justin Jacques*

5 – As Alaska Warms and Burns, Refuges Are Stretched Thin *Andrea Medeiros and Sara Boario*

6-14 FOCUS Strategically Conserving Habitat

- “It’s Like Picking the Best of the Best” *Q&A with realty chief Eric Alvarez*
- Monitoring Birds to Preserve Grassland [Muleshoe, Grulla and Buffalo Lake Refuges] *Bill O’Brian*
- Proactively Protecting Grasslands and Wetlands [Kulm Wetland Management District] *Bill O’Brian*
- Fee-Title vs. Easement [an explanation of the two terms]
- Landscape Conservation Through Participatory Design [landscape conservation design] *Rob Campellone*
- Fitting Pieces Together in Montana [Benton Lake Refuge Complex] *Rob Bundy*
- “Prairie Arks” in Morris Wetland Management District *Bruce Freske*

15 – Bringing the South Side to the Riverside [Upper Mississippi Refuge biologist Jeramie Strickland] *Ed Britton*

16-17 AROUND THE REFUGE SYSTEM

- Louisiana: Service proposes de-listing Louisiana black bear
- Florida: Cuban ecologist Ernesto Mujica helps Florida Panther Refuge document ghost orchids
- Michigan: John Hartig’s book “Bringing Conservation to the Cities: Lessons Learned From Building the Detroit River International Wildlife Refuge”
- North Dakota: American white pelicans return to Chase Lake Refuge in near-record numbers
- Wisconsin: Successful whooping crane nesting season at Necedah Refuge
- Illinois: Record pecan tree at Middle Mississippi River Refuge
- North Carolina: Agreement reached to replace Bonner Bridge at Pea Island Refuge

- Delaware: \$38 million marsh restoration project begins at Prime Hook Refuge
- Florida: St. Marks Refuge's Bart Rye honored with National Fire Safety Award
- Legends and Beacon Award Winners: Walter Tegge and Lisa Cox

20 – A Look Back: David Hickok

July/August 2015

1 – Martinez Is Named Chief of the Refuge System

1 – Portland-Vancouver Refuges Aim to Be Bold and Audacious *Bill O'Brian*

2 – Chief's Corner: To Conservation to Be Had

3 – Mountain Bogs Established as 563rd Refuge

4 – Four Years of *Conserving the Future* Heather Jerue

5 – Cleaner Air to the Top of the Mountains *Martha Nudel*

6-15 FOCUS Cultural Resources

- “Natural Can't Ever Really Be Divorced From Cultural” *Bill O'Brian*
- Service Regional Archaeologists
- A Race Against Time at Sandy Point Refuge [Aklis site] *Bill O'Brian*
- New Life for a Historic House [Allee House at Bombay Hook Refuge] *Susan Morse*
- Great Dismal Swamp: Refuge for Wildlife and People *Karen Leggett*
- Shedding Light on Nature and History [Kilauea Point Refuge lighthouse] *Megan Nagel*
- Teaming Up to Respect a Sacred Landscape in Nevada [Pahranagat Refuge] *Amy LaVoie*
- Plankhouse Links Tribal Past and Refuge Present [Cathlapotle Plankouse at Ridgefield Refuge] *Virginia Parks*
- Did You Know That ... ?

16-17 AROUND THE REFUGE SYSTEM

- Montana: Whaley Homestead renovation at Lee Metcalf Refuge
- 2016 America the Beautiful Pass: Arctic Refuge featured
- Minnesota: Service MOU with Red Lake Band of Chippewa Indians [Tamarac Refuge]
- Alaska: Youth Game Warden Camp at Kenai Refuge
- Alaska: Kodiak Refuge YCC presentations at Alaska Forum on Environment
- Indiana: Three rare birds sighted at Patoka River Refuge
- Washington: Ridgefield Refuge celebrates 50th anniversary with help from Pelican Brewery
- Louisiana: Service and Phi Beta Sigma Fraternity sign Bayou Sauvage Refuge agreement
- North Dakota: stand-alone photo of Emilie Lang, 8, using accessible ramp at Arrowwod Refuge

20 – A Look Back: John Gottschalk

May/June 2015

1 – Service, Partners Seek to Save Monarch Butterfly

1 – Cooperative Recovery Initiative to Aid Woodpecker, Other Species *Susan Morse*

2 – From the Director: Building Community Through a Refuge

3 – Kerr Named Refuge Manager of the Year

4 – Video Editing: A Primer for Non-Editors *Brett C. Billings*

5 – Refuge Biologist Becomes a Face of Women in Science *Jennifer Strickland*

6-15 FOCUS Be Our Guest

- Refuges Welcome Traditional Visitors, New Audiences *Bill O’Brian*
- 20 Most-Visited Refuges
- “A Full-River Approach” Along the Mississippi *Bill O’Brian*
- New Partnerships Take Service Into New Territory [Phi Sigma Beta, Zeta Phi Beta] *Martha Nudel*
- Photography Helps Visitors Make Refuges Their Own *Karen Leggett*
- Making “Taking Care of Nature Feel Like Second Nature” [Lynnea Shuck, Junior Refuge Program] *Bill O’Brian*
- What a Customer Service Pro Taught One Refuge [“Ding” Darling] *Toni Westland*
- Kootneai Refuge and Others Welcome Disabled Hunters *Jane Chorazy*
- When Mega-Rare Birds Land, Refuge Visitation Can Soar *Noah Kahn*
- Getting There Is Half the Battle [transportation connections] *Andrew Valdez*

16-17 AROUND THE REFUGE SYSTEM

- Ohio: Ottawa Refuge offers first publicly accessible electric vehicle charging station
- Arizona: Buenos Aires Refuge relocates 70 masked bobwhite quails to Mexico
- Wyoming: National Elk Refuge horse-drawn riders set one-day record
- Oregon: Oregon chub becomes first fish ever removed from the endangered species list
- Dale Pittman Receives DOI Meritorious Service Award
- Midway Atoll: Refuge census confirms world’s largest albatross colony
- Puerto Rico: University students plant trees at Laguna Cartagena Refuge
- Hawaii: Hakalau Forest Refuge receives 2015 Refuge System Large Invasive Species Allocation
- Maine: Moosehorn and Aroostook Refuge staffs work with SHARE (Salmon Habitat and River Enhancement)
- Montana: stand-alone photo of badger family at Lee Metcalf Refuge

20 – A Look Back: Lawrence Wineland

March/April 2015

1 – Refuge System Chief Kurth Named Service Deputy Director

1 – Refuges, You Tube Help Researchers Discover Frog Species in NYC *Bill O’Brian*

2 – From the Director: Conservation by Multiplication

3 – Festivals Spark Action on Monarch Butterflies *Susan Morse*

4 – Corn Experiment Advances at Bosque del Apache Refuge *Ben Ikenson*

5 – Bridging Salamander Survival and Public Use *Karen Leggett*

6 – Joining Forces in Texas to Benefit Birds and Visitors *David Maple*

7 – Known Globally, Santa Ana Refuge Acts Locally *Christina Meister*

8-15 FOCUS Beyond the Boundaries

- Two Programs Epitomize the Concept *Bill O’Brian*
- Coastal Program
- Fergus Falls WMD: Birthplace of the Partners Program *Shawn Papon*
- Ranchers Partner With Service, Endangered Bird Wins *Joe Milmoie*

- Coastal Collaboration Helps Humboldt Bay *Chris Darnell*
- Programs Cooperate, Delmarva Fox Squirrel Procreate *Christopher Eng*
- Partners for Fish and Wildlife Program
- Alaskan Team Up to Prevent Walrus Stampedes *Andrea Medeiros*

16-17 AROUND THE REFUGE SYSTEM

- California: San Pablo Bay Refuge salt marsh restoration
- Wisconsin: Upper Mississippi River Refuge Lacrosse visitor center Federal Energy and Water Management award
- Minnesota: “Cross Pollination” walking theater at Minnesota Valley Refuge
- Johnston Atoll: Tsunami-strewn Jet Ski is returned to owner in Japan
- New York: Hurricane Sandy-related restoration at three refuge units on Long Island
- Minnesota: Prairie Wetlands Learning Center letter-writing campaign
- Texas: Two new juvenile ocelots discovered at Laguna Atascosa Refuge
- Wisconsin: *Ranger Rick* magazine cites 4th-graders for replanting prairie at Upper Mississippi River Refuge

20 – A Look Back: Helen Fenske

January/February 2015

1 – *Conserving the Future* Outdoor Recreation team aims to foster a new generation of outdoor enthusiasts

1 – Can NEON Shed Light on Pelican Mystery? (Chase Lake Refuge, ND) *Ryan Moehring*

2 – Chief’s Corner: Never Think Small

3 – Citizen Phenology at Valle de Oro Refuge *Lindsay Brady*

4 – Shiawassee Refuge, Saginaw Paired in Livability Study *Karen Leggett*

5 – Realty Awards Go to Geser, Lowe and TNC Oregon

6 – New-Style Watering Hole at Sevilleta Refuge *Karen Bailey-Bowman*

7 – Latino Outdoors: “The Power of Personal Connection” *Bill O’Brian*

8-15 FOCUS Special Little Places

- Small Is Good (list of 10 smallest refuges)
- 15 Acres of “Wildness and Mystery” in Oregon (Three Arch Rocks) *Bill O’Brian*
- Sachuest Point Refuge: Ocean Beauty in Ocean State *Bill O’Brian*
- Synergy Along the South Shore of Lake Superior (Whittlesey Creek Refuge) *Bill O’Brian*
- Seal Beach Refuge: A Climate Change Lab *Lisa Cox*
- Sea Turtles and More at Archie Carr Refuge *Bill O’Brian*
- Solitude in Suburban Denver (Two Ponds Refuge) *Dawn Y. Wilson*

16-17 AROUND THE REFUGE SYSTEM

- Minnesota: Tamarac Refuge and White Earth Nation formalize law enforcement memorandum of understanding
- Hawaii: Hawaiian Islands Refuge receives invasive species grant to eradicate Indian fleabane from Laysan Island
- Louisiana: More than 1,700 acres of bottomland hardwood forest added to Red River Refuge
- Sense of Wonder Recognition: Bear River Refuge’s Kathi Stopher receives honor

- California: High school senior Lynnea Shuck wins Brower Youth Award for work at Don Edwards San Francisco Bay Refuge
- Missouri: Wind farm near Squaw Creek Refuge is scrapped
- Delaware: Bombay Hook Refuge featured on 2015 America the Beautiful Quarters
- Nevada: Sheldon Refuge and environs have seen an extraordinary amount of earthquake activity
- Maine: Maine Coastal Islands Refuge acquires six-acre Maloney Island

20 – A Look Back: Chesley Dinkins

November/December 2014

1 – New *Conserving the Future* Program to Make Ambassadors of All Employees

1 – SoCal Project Plants the Flag in Los Angeles *Bill O'Brian*

2 – From the Director: Reaching Into Cities Will Help Kids, Wildlife

2 – Chief's Corner: Going Urban

3 – DeSoto and Boyer Chute Refuges Retool After 2011 Flood *Bill O'Brian*

4 – The Guadagno Legacy: A Seed of Inspiration *Leeann Wilkins*

5 – Getting the Best Video and Pictures on a Budget *Brett C. Billings*

6-15 FOCUS Urban Wildlife Refuges

- Going Where the People Are *Marcia Pradines*
- Standards of Excellence for Urban Refuges
- Priority Urban Refuges
- A Q&A Interview With Secretary of the Interior Sally Jewel *Meagan Racey*
- Houston [Urban Wildlife Refuge Partnership]: 90 Languages, 5 Refuges, a Real Opportunity *Bill O'Brian*
- What Social Science Says About Reaching New Audiences *Natalie Sexton and Danielle Ross-Winslow*
- 14 Urban Wildlife Refuge Partnerships

16-17 AROUND THE REFUGE SYSTEM

- Pacific Remote Islands: Obama expands marine national monument
- Maine: Maine Coastal Islands Refuge displays Alfred Godin sculptures
- New Mexico: Valle de Oro Refuge land acquisition is complete
- Oregon: William L. Finley Refuge helps Benton County become a Backyard Wildlife Habitat Community
- Texas: Anahuac Refuge acquires Bolivar Peninsula habitat
- Alaska: Scottish students help restore cabins at Kenai Refuge
- Hawaii: Kilauea Point Refuge routinely offers lavender-scented towels after nature walks

19 – Report Showcases Carbon Sequestration *By Christina Meister*

20 – A Look Back: Joe Oliveros

September/October 2014

1 – Service Launches SoCal Project, 6 More Urban Refuge Partnerships

1 – Malheur Refuge Targets Invasive Common Carp *Kendall Slee*

2 – From the Director: We Must Help Nature Adapt to Climate Change

2 – Chief's Corner: Reflecting on 50th Anniversary of Wilderness

3 – An Ode to Wilderness (Yukon Delta Refuge) *Kristine Sowl*

4-5 – A Q&A Interview With I&M Data Manager Todd Sutherland

6 – Prescribed Fire and Other Heated Language *Karen Miranda Gleason & Kim Van Hemelryck*

7 – Kenai Refuge Advance Work Saves Houses From Fire *Karen Miranda Gleason*

8-13 FOCUS Adapting to Climate Change

- Refuge Staff “Will Guide Us in Setting the Objectives” *Bill O’Brian*
- Beyond LEED Certification (sustainable buildings)
- CLIR Tool: A New Level of Energy Analysis *Bill O’Brian*
- Interior Secretary Announces Storm-Resiliency Grants
- “We Are Articulating the Change We See” (North Carolina refuges) *Karen Leggett*

14 – R/V Tiglax: Shipshape for Another Four Years

15 – Passion and Innovation at Cape Romain Refuge (red wolf pups) *Nicole Rankin and Jared Crisp*

16-17 AROUND THE REFUGE SYSTEM

- Alaska: Alaska Maritime Refuge acts quickly to control invasive mice
- Oregon: Nestucca Bay Refuge celebrates two important land acquisitions
- Florida: State estimates there are 100 to 180 Florida panthers in the wild
- Iowa-Nebraska: DeSoto-Boyer Chute Refuges unplug on Computerless Thursday
- Georgia: Wood stork downlisting announced at Harris Neck Refuge
- Wyoming: Aspen tree study conducted at National Elk Refuge
- Canada and Texas: A record 82 whooping crane nests were counted at Wood Buffalo National Park

20 – A Look Back: Jim Gritman

July/August 2014

1 – Volunteer Captures Essence of Patoka River Refuge *Bill O’Brian*

1 – Habitat Restoration Stimulates Local Economies

2 – Chief’s Corner: Culture of Community Anchored in Refuges

3 – Profile in Courage at Cape Romain Refuge *Bill O’Brian*

4 – ServCat Helps I&M Specialist Preserve a Legacy *Lindsay Brady*

5 – *Bertrand* Is Back at DeSoto Refuge *Bill O’Brian*

6 – Oil Spill Threatened Aransas Refuge Whooping Cranes *Nancy Brown*

7 – Native Bees: “A Good Barometer of What’s Happening” (Big Muddy Refuge) *Bill O’Brian*

8-14 FOCUS Friends and Volunteers

- A Q&A Interview With Friends Coordinator Joanna Webb
- News You Can Use (about Friends and volunteers)
- Master Bird Bander, Treasured Volunteer (Chincoteague Refuge) *Jenny Howard Owen*
- At Tualatin River Refuge, 381 Custodians and Advocates *Dylan Knapp*
- Fishing, Hammering, Serving (Mattamuskeet Refuge annual volunteer crew) *Karen Leggett*
- A Passerby Becomes a Committed Volunteer (Montezuma Refuge) *Phillip Bonn*

15 –River Dredging Aids Endangered Butterfly, Plants (Antioch Dunes Refuge) *Doug Cordell*

16-17 AROUND THE REFUGE SYSTEM

- South Carolina – Two Cape Romain Refuge red wolf pups named for celebrities

- Florida – St. Marks Refuge takes ownership of historic lighthouse
- California – Sea lion makes surprise inland visit to San Joaquin River Refuge
- Two New Regional Refuge Chiefs Named – Kevin Foerster and Polly Wheeler
- John Wilson Receives Historic Preservation Award
- Legends and Beacons Awards
- Former Legislators Honored – Sen. Dale Bumpers, Rep. Norm Dicks
- Virginia – FHA grant to improve access at Featherstone Refuge
- California – San Diego County honors refuge manager Andy Yuen

19 – Refuge Therapy Excites Arkansas Preschoolers (Southern Arkansas Refuge Complex)

Katherine Taylor

20 – A Look Back: Hal Wiedemann

May/June 2014

1 – Fish and Wildlife Service to Fund 17 Species-Recovery Project on Refuges

1 – (Vision) Plan Completed to Enhance Hunting, Fishing

2 – From the Director: Bringing Nature to Cities

2 – Chief’s Corner: Slowly, but Surely, We Restore Habitat

3 – Midway Atoll Refuge Is Taming Invasive *Verbesina* *Susan Morse*

4 – “More Vital Than Ever,” 29 North Dakota Refuges Turn 75 *Susan Morse*

5 – Climbing Trees in Belize (St. Marks Refuge biologist Michael Keys) *Karen Leggett*

6 – I&M Plans: Useful Game Changers *Peter Dratch*

7 – 2 Sisters, 1 Goal: 460 Refuges *Susan Morse*

8-15 FOCUS Habitat Restoration

- Restoration Is Fundamental
- Service and Corps “Work Hand in Glove” at Big Muddy Refuge *Bill O’Brian*
- The Challenges and Rewards of Managing Bison (Rocky Mountain Arsenal Refuge) *Bill O’Brian*
- Steadily Connecting the Dots Along the Rio Grande (Lower Rio Grande Valley Refuge) *Bill O’Brian*
- Removing Shipwrecks, Restoring Coral Reefs (Palmyra Atoll and Kingman Reef Refuges) *Megan Nagel*
- Prescribed Burn Helps Restore Historic Lagoon in Puerto Rico (Laguna Cartagena Refuge) *Cass Palmer*
- Wildlife Takes to New Guadalupe-Nipomo Dunes (Refuge) Ponds *Glenn M. Greenwald*

16-17 AROUND THE REFUGE SYSTEM

- Vermont – Missisquoi Refuge is part of 36th Ramsar site in U.S.
- Oregon – Wapato Lake Refuge is 562nd refuge in Refuge System
- Washington – Three refuges to relocate more Columbian white-tailed deer
- Texas – 2013-2014 survey estimates 304 whooping cranes wintered at Aransas Refuge
- Oregon – Refuges help recovery Oregon chub to point of potential delisting
- Florida – Remote cameras record pet cats at Crocodile Lake Refuge
- Wyoming – A record 300-plus trumpeter swans wintered at Seedskafee Refuge
- Maine – Service helps acquire Spectacle Island as part of Maine Coastal Islands Refuge

19 – Blending Fluff and Substance on Facebook (Bosque del Apache Refuge) *Aaron Mize*

20 – A Look Back: Ernest Greenwalt

March/April 2014

1 – Studying Water at Kanuti Refuge Is an Icy Proposition *Maureen Clark*

1 – Vision Quickly Becoming Practical Reality *Bill O’Brian*

2 – From the Director: Bringing Wilderness Magic to Everyone

2 – Chief’s Corner: Urban Initiative Is Vital to Conservation

3 – Hatching Fish in the Desert (Ash Meadows Refuge) *Bill O’Brian*

4 – Yuen Honored as Refuge Manager of the Year

5 – Nature + Technology = Connection at Kenai Refuge *Leah Eskelin*

6 – As Climate Changes, So Do Fire Strategies *Karen Miranda Gleason*

7 – Hagerman Refuge, USGS Lead the Way on Dust Suppression *Bill O’Brian*

8-15 FOCUS Wilderness at 50

- Designated Wilderness Is “a Remarkable Concept” *Bill O’Brian*
- Refuge System Wilderness Facts & Figures
- Characterizing Wilderness on Refuges *Bill O’Brian*
- Managing Habitat – as Invisibly as Possible *Susan Morse*
- 1st DOI Wilderness Could’ve Been an Airport (Great Swamp Refuge)
- A Zipline to Wilderness (Farallon Refuge)
- Wilderness Review As Part of CCP (Maine Coastal Islands Refuge)
- Clearing Trail, Respecting Wilderness (Okefenokee Refuge)
- Distinctive Hunting, Lasting Memories *Robin West*

16-17 AROUND THE REFUGE SYSTEM

- Midway Atoll – 63-year-old Laysan albatross hatches another chick
- Florida – Scat panels are a hit at J.N. “Ding” Darling Refuge
- California – All of Skaggs Island is now part of San Pablo Bay Refuge
- Coastal Wetland Grants – \$16.5 million in grants announced by Secretary and Director
- Mississippi – 22 juvenile cranes released at Mississippi Sandhill Crane Refuge
- 2 Refuges Win DOI Environmental Awards
- New Mexico – Bosque del Apache landscape inspires bronze sculpture
- Wyoming – 2013 National Elk Refuge holiday sleigh ride program has record attendance
- Service-Nature Conservancy Fire Agreement – New partnership announced

20 – A Look Back: George Mushbach

January/February 2014

1 – Frog Study Reveals Low Rate of Abnormalities, Some Hotspots

1 – Pelican Island Celebrates Paul Kroegel’s 150th *Kevin J. Lowry*

2 – Chief’s Corner: Law Enforcement Work Is Central to Our Mission

3 – Slow but Surely Preserving Prairie in Kansas *Bill O’Brian*

4 – Saxhaug, Kulm WMD, Friends Group Earn Realty Awards

5 – Community Back Heinz Refuge and Conservation *Karen Leggett*

6 – Using LiDAR to Identify Songbird Habitat in Texas *Steve Sesnie*

7 – Budget Cuts Pinch Invasive Species Work *Bill O’Brian*

8-15 FOCUS Law Enforcement

- Not Perfect, but “the Coolest Job You Can Have” *Bill O’Brian*

- Saving Lives Is All in a Day's Work (Russell Haskett Southeast Idaho Refuges) *Karen Miranda Gleason*
- Paws on the Ground (canine program) *Karen Leggett*
- One Full-Time Officer for All of New Mexico (Ben Lanford) *Bill O'Brian*
- On the LE Beat, "No Day Is Like Any Other Day" (Sarah Fleming Patuxent Refuge) *Bill O'Brian*
- One Service, Three Types of Officers
- Connecting Villagers "in a Neighborly Fashion" (Alaska Refuges) *Bill O'Brian*

16-17 AROUND THE REFUGE SYSTEM

- Iowa – *Bertrand* exhibit reopened at DeSoto Refuge
- Texas – Rio Reforestation XXII at Lower Rio Grande Valley Refuge
- Michigan – Detroit River International Refuge visitor center groundbreaking
- Washington-Idaho – Inland Northwest Refuge Complex sells three fire engines
- Alaska – Breeding tufted puffins documented at Hawadax Island (Rat Island) Alaska Maritime Refuge
- Colorado – Six tons of confiscated ivory destroyed at Rocky Mountain Arsenal Refuge
- Oregon – Team effort saves bald eagle nest at Tualatin River Refuge
- Hurricane Sandy Restoration Projects – \$162 million to be invested in 45 projects

18 – Assessing Alligator Snapping Turtles at Sequoyah Refuge *Nicole Haskett-Osborn*

20 – A Look Back: Christopher "Kip" Koss

November/December 2013

1 – Study: Refuge Visitor Spending Has Major Economic Impact

1 – Director Signs Order Authorizing Urban Partnerships

2 – Listening for Bats on a Landscape Scale (Southeast monitoring) *John Pancake*

2 – Note to Readers: October govt shutdown

3 – Honoring a Hero, Conserving Her Landscape (Harriet Tubman monument, Blackwater Refuge) *Tylar Greene*

4-5 – Three Refuges Work in Tandem for the Bald Eagle (Lower Klamath, Tule Lake, Bear Valley) *Bill O'Brian*

6 – Exporting Oil and Gas Knowledge (to Gabon) *Scott Covington*

7 – The Daughter of Wichita Mountains *Art Needleman*

8-9 AROUND THE REFUGE SYSTEM

- Oregon – Friends of Tualatin River Refuge win landfill lawsuit settlement
- Georgia – Okefenokee Refuge's Chesser Island boardwalk repaired two years after Honey Prairie Fire
- Texas – Friends of Laguna Atascosa Refuge figure in creation of "Save Texas Ocelots" license plate
- Minnesota – Oak savanna restoration at Sherburne Refuge
- Minnesota – City agrees to renovate Old Cedar Avenue Bridge at Minnesota Valley Refuge
- Whooping Crane Study – Young cranes learn migration route from older cranes
- Nevada – Survey finds increase in Moapa dace fish population

12 – A Look Back: Clarence Rhode

September/October 2013

- 1 – Refuge System Is Establishing 8 Urban Wildlife Refuge Partnerships *Bill O’Brian*
- 1 – As Floodwaters Rose, Service Rose to the Occasion *Tracey McDonnell*
- 2 – From the Director: Unsung Heroes of the Service
- 2 – Chief’s Corner: In at the Start
- 3 – Feral Horses: A Conundrum of Epic Proportions (Sheldon Refuge) *Karen Leggett*
- 4 – “If You Plant It, They Will Come” (Baron Horiuchi, Hakalau Forest Refuge) *Megan Nagel*
- 5 – Seabirds Warn of Ocean Change (Maine Coastal Islands Refuge) *Susan Morse*
- 6 – Cross-Cultural Collaboration at Tamarac Refuge *Karen Leggett*
- 7 – The Transformation of Santee Refuge *Dave Barak*
- 8-13 FOCUS Our Newer Refuges
 - Community Support Is Key From the Start *Bill O’Brian*
 - Refuges Established Since 2000 – *a list*
 - Progress on the Prairie (Dakota Grassland Conservation Area) *Bill O’Brian*
 - Restoring “the Grandfather Trees of the Woods” (longleaf pine at Mountain Longleaf and Cahaba River Refuges) *Bill O’Brian*
 - Prairie Partners: NRCS, TNC and Glacial Ridge Refuge *Michelle Banks and Bill O’Brian*
 - Rebuilding Trust at Vieques Refuge *Susan Morse*
- 14-15 AROUND THE REFUGE SYSTEM
 - Arkansas-Missouri – White River blueway designation rescinded
 - New Mexico – First U.S. sighting of Rufous-necked wood rail at Bosque del Apache Refuge
 - NH, ME, MA – New Recreation Trails
 - Florida – Archie Carr Refuge green sea turtle record
 - Florida – Spaceport studied at Merritt Island Refuge
 - Florida – Survey finds invasive, potentially dangerous toad at “Ding” Darling Refuge
 - North Dakota – 30,000 breeding American white pelicans return to Chase Refuge for second straight year
 - CARE report highlights surprising benefits of refuges
 - North Carolina – Photo: mural at Coastal NC Natl Wildlife Refuges Gateway Vis Ctr
- 16 – Road Culverts Improve Safety and Habitat Connectivity *Jeff Mast*
- 20 – A Look Back: Harold Benson

July/August 2013

- 1 – Two Years After Madison, *Conserving the Future* Takes Shape *Anna Harris*
- 1 – USGS Study Finds Steep Decline in Amphibians
- 2 – From the Director: Welcome, Secretary Jewell
- 2 – Chief’s Corner: Our Vision Is Focused
- 3 – Fencing in Forest on Guam *Jennifer Cruce*
- 4 – Northern Leopard Frogs Go to School in Nevada *Darrell Freeman*
- 5 – “Dragonflying” Takes Off *Susan Morse*
- 6 – At 97, He’s Still Leading Birders at Hagerman Refuge (Karl Haller) *Susan Morse*
- 7 – New Tool to Combat Cheatgrass *Susan Morse*
- 8-15 FOCUS Mighty Rivers
 - Rivers Create Opportunities for Refuges *Bill O’Brian*

- “In a Deep Canyon With Wilderness on Both Sides” (Fort Niobrara Refuge) *Bill O’Brian*
- 7 Years Later, CCP Is Refuge’s “Backbone” (Upper Mississippi River Refuge) *Cindy Samples*
- 2nd Blueway Connects 3 Refuges to 1 Watershed (White River, Cache and Bald Knob Refuges) *Bill O’Brian*
- Grand Challenges Along the Rio Grande *Ben Ikenson*
- Two Alaska Rivers Nourish One Enormous Delta Refuge (Yukon Delta Refuge) *Brian McCaffrey*
- “We’re Not Alone on This River” (Illinois River; Emiquon, Chautauqua, Merdedosia Refuges) *Bill O’Brian*

16-17 AROUND THE REFUGE SYSTEM

- Alaska – Alaska Maritime Battle of Attu plaque for Joseph Martinez
- Maine – Bunkers as hibernacula for bats at Aroostook Refuge
- Virginia – James River Ecology School grand opening at Presquile Refuge
- Wisconsin-Illinois – Second parcel acquisition at Hackmatack Refuge
- California – Don Edwards San Francisco Bay Refuge opens pedestrian bridge to Bair Island
- Hawaii – Kilauea Point Refuge lighthouse renamed for late Sen. Daniel Inouye
- Awards – Bob Danley, Brian McCaffrey, Mary Balogh

20 – A Look Back: Cecil Kennedy

May/June 2013

1 – San Luis Refuge Visitor Center Meets LEED Platinum Standards *Madeline Yancey*

1 – *Conserving the Future*: “A Nature Guide Is an Interpreter” of Many Disciplines

2 – From the Director: Balancing Endangered Species and Development (Balcones Canyonlands Refuge)

2 – Chief’s Corner: Giving Nature a Hand

3 – The Art of Questioning at Ozark Plateau Refuge *Anna Harris*

4 – Conservation Lessons in Vermont’s Northwoods (Silvio O. Conte Refuge) *Maria Young*

5 – The Moths of Two Southern Refuges (Trinity River, Bon Secour) *Stuart Marcus and Denise McInturff*

6 – A Caribou “First” at Alaska’s Kanuti Refuge *Chris Harwood*

7 – Walking Wetlands Enrich Habitat and Farmland (Lower Klamath Refuge, Tule Lake Refuge) *Bill O’Brian*

8-15 FOCUS Managing for Disturbance

- A Big Challenge: “Overcoming Uncertainty” *Bill O’Brian*
- At Forsythe Refuge, Lessons From Sandy *Donald Freiday*
- Floods: Tough for Humans, Better for Nature (Bald Knob Refuge) *Stacy Shelton*
- Drought Can Leave Mussels High and Dry (Marais des Cygnes Refuge) *Bill O’Brian*
- New Plan Streamlines Fire Response (Spatial Fire Management Plan at six New Mexico refuges) *Karen Miranda Gleason*
- Moving Dunes Are Healthy Dunes (Humboldt Bay Refuge) *Bill O’Brian*
- The Power of Winter *Bill O’Brian*

16-17 AROUND THE REFUGE SYSTEM

- California – SF Bay/Estuary is 35th U.S. Ramsar site (Don Edwards SF Bay, Marin Islands, San Pablo, Antioch Refuges)
- Maryland – Blackwater Refuge and Harriet Tubman Underground Railroad National Monument
- Nevada – New trails at Desert Refuge
- Palmyra Atoll – Refuge declared rat-free
- Midwest Region’s New Online Look – New content management system for refuge web sites
- Six Transit in Parks grants – Rocky Mountain Arsenal, Rocky Mountain Flats, Two Ponds, Wichita Mountains, Ridgefield, Patuxent, Merritt Island, Back Bay
- Alaska – Sockeye salmon study about long-term cyclical changes
- Washington – Columbian white-tailed deer relocation from Julia Butler Hansen Refuge to Ridgefield Refuge
- Texas – Annual whooping crane survey at Aransas Refuge
- Photo: Wyoming – Mountain lion cubs cornered on fence by coyotes at National Elk Refuge

20 – A Look Back: Phil Dumont

March/April 2013

1 – Conservation Team Built With Geothermal Steam (Lower Klamath Refuge) *Bill O’Brian*

1 – *Conserving the Future*: Implementation of Vision Is in High Gear

2 – From the Director: A Lasting Legacy (Sevilleta Refuge)

2 – Chief’s Corner: A Race Against Time

3 – Hackmatack Refuge Established Outside Chicago (No. 561)

4 – In These Refuge Sandhills, Rule Is: Please Disturb *Susan Morse*

5 – A New Way to Count Whooping Cranes *Brad Strobel*

6 – Milestone at Upper Ouachita Refuge *Ann Simonelli and Stacy Shelton*

7 – A “Celebrity” Puts the Spotlight on Colusa Refuge *Mike Peters*

8-13 FOCUS Wetland Management Districts

- “Jewels on the Prairie” *Bill O’Brian*
- Pooling Efforts – and Data – to Save the Prairie *Heather Dewar*
- “Waterfowl 365” at Fergus Falls (Woodie Camp) *Bill O’Brian*
- Friends of St. Croix WMD: “Dynamic ... and Caring” *Karen Leggett*
- Easement Enforcement Eyes in the Sky *John Pancake*

15 – French Honored as Refuge Manager of the Year

16-17 AROUND THE REFUGE SYSTEM

- Arkansas – White River named nation’s second national blueway
- New York – Wertheim Refuge one of 10 taking part in acoustic inventory of bats
- Midway Atoll – Wisdom hatches a Laysan albatross chick
- Arizona – Survey shows 428 desert bighorn sheep at Kofa Refuge
- Two Regional Refuge Chiefs Named: Charlie Blair, Will Meeks
- Hawaii – Tern Island crew is safe after December storm; research station to be rebuilt
- Career Discovery Internship Program receives 2012 Diversity Award

20 – A Look Back: Olaus Murie

January-February 2013

- 1 – Teaming Up to Save Money, Share Skills, Boost Morale (MAT teams) *Heather Dewar*
- 1 – *Conserving the Future*: Bringing the Vision to Your Community
- 2 – From the Director: Partners, Vision and the Endangered Species Act
- 2 – Chief’s Corner: Where the Sky Is Naturally Blue
- 3 – As Superstorm Sandy Slammed Refuges, the Service Responded *Ashley Spratt*
- 4 – Cooperative Cleanup in Desert Wilderness (Cabeza Prieta Refuge) *Tom Buckley and Sid Slone*
- 5 – Urban Wildlife Refuge Intern Brings Message to Schools (Patuxent Refuge) *Bill O’Brian*
- 6 – In Idaho, a Wetland Refuge “in Transition” (Camas Refuge) *Susan Morse*
- 7 – When It Comes to Birds, Refuges Count in a Big Way (2011-12 CBC) *Noah Kahn*
- 8-17 FOCUS Endangered Species
- For 40 Years, Refuges Have Been Vital to Recovery *Valerie Fellows*
 - Big Leap for Little Fish at Moapa Valley Refuge *Kendall Slee*
 - Refuges Benefit the Delmarva Fox Squirrel *Tylar Greene*
 - Refuge Helps Mississippi Sandhill Crane Hang On *Bill O’Brian*
 - Photo essay
 - Grazing a Path to Survival at Pixley Refuge (blunt-nosed leopard lizard) *Ben Ikenson*
 - At Mortenson Lake Refuge, Using Fire to Save a Toad *Karen Miranda Gleason*
 - Kilauea Point Refuge Has a Record Year for ‘A’o Pairs *Dennis Fujimoto*
- 18-19 AROUND THE REFUGE SYSTEM
- Minnesota – Ethnic birders’ conference at Minnesota Valley Refuge
 - Alaska – Kaktovik Youth Ambassadors and Blue Goose GeoTour
 - Texas – Two Trinity River Refuge habitat improvements
 - Michigan – Epizootic hemorrhagic disease outbreak kills 108 white-tailed deer at Shiawassee Refuge
 - Chesapeake Bay Refuges App
 - Partners in Conservation Awards
 - Colorado – stand-alone mule deer along Wildlife Drive at Rocky Mountain Arsenal Refuge
- 20 – On-the-Job Vocational Training (Wichita Mountains Refuge) *Nancy Brown*
- 21 – Grimes, Dyasuk and Trust for Public Land Receive Awards
- 24 – A Look Back: Will Troyer

November-December 2012

- 1 – Three New Refuges in West Bring National Number to 560
- 1 – *Conserving the Future* Teams Develop Training, Ambassadors Programs
- 2 – From the Director: Hunters Help Make Conservation Possible
- 2 – Chief’s Corner: Being in the Arena (*Conserving the Future*)
- 3 – Monitoring Marsh Elevation and Sea-Level Rise (Southeast I&M) *Nicole Rankin*
- 4 – QDMA and Refuge Seek to Conserve Swaths of Habitat *Heather Dewar*
- 5 – Sea Turtle Success at Archie Carr Refuge and Beyond *Ben Ikenson*
- 6 – Adapting to “Marsh Migration” at Blackwater Refuge *Karen Leggett*
- 7 – Seven Refuges Acquire Wetland Habitat (MBCC)
- 8-13 FOCUS Urban Wildlife Refuge Initiative
- Conservation in the City *Bill O’Brian*

- An Extreme Makeover at Detroit River Refuge *John Hartig*
- At Conte Refuge, Partners Conserve the Watershed *Bill O'Brian*
- Reaching Out to Traditionally Under-Served People *David Wagner/Bill O'Brian*
- Let It Rain (Puddle Stompers at Tualatin River Refuge) *Amanda Fortin*

14-15 AROUND THE REFUGE SYSTEM

- Oregon-Nevada – Record pronghorn at Hart Mountain and Sheldon Refuges; Sheldon interior now fence-free
- Florida – J.N. “Ding” Darling Refuge debuts “Kick the Bottle” campaign
- Illinois – Chautauqua and Emiquon Refuges are part of 34th Ramsar site in U.S.
- Rhode Island – College student volunteers restore habitat at Sachuest Point Refuge
- Nebraska – Fishing access improvements at Valentine Refuge
- North Dakota – Audubon Refuge wins Federal Energy and Water Management Award for new LEED gold-rated visitor center.
- Take Pride in America Awards – Andrew French and Friends of St. Croix Wetland Management District
- Photo: Washington – Salmon mural at Nisqually Refuge

16 – Civil War History at Lower Rio Grande Valley Refuge *Douglas Murphy*

17 – Protecting an Alaska Village From Wildfire *Maureen Clark*

20 – A Look Back: Paul Springer

September-October 2012

1 – CLIR Tool Calculates Refuge Greenhouse Gas Emissions *Bill O'Brian*

1 – *Conserving the Future* Teams Analyze Survey Results

2 – From the Director: Dollars for Ducks (Prairie Pothole Region conservation)

2 – Chief’s Corner: We’ve Always Embraced “Surrogates”

3 – Uncovering History at Becharof Refuge (Kanatak Trail) *Julia Pinnix*

4 – At Crystal River Refuge, Manatee Protection Is Working *Heather Dewar*

5 – At Farallon Refuge, Fur Seals Are a Success Story *Heather Dewar*

6 – War and Peace at Midway Atoll Refuge *Joan Jewett*

7 – Bosque del Apache Festival of the Cranes Is 25 *Bill O'Brian*

8-15 FOCUS Strengthening Science

- Best Science = Best Conservation Gain *Deborah Rocque*
- I&M Program to Employees in the Field: “We Can Help” *Bill O'Brian*
- Adventures in I&M Data Mining *Sara McLaughlin and Sarah Shultz*
- At Arctic Refuge, Now Is the Time to Study Shorebirds *John Pancake*
- Seeing the Forest for the Forest (Seney Refuge forest management) *Ben Ikenson*
- Reaching Out to Refuges in the Midwest Region *Patricia Heglund*

16-17 AROUND THE REFUGE SYSTEM

- California – San Diego Refuge 1,905-acre land acquisition
- Puerto Rico – Desecheo Refuge rat eradication is complete
- New York – Eagle Scout builds a photo blind at Iroquois Refuge
- Get Your Goose On!
- Nevada – Ash Meadows Refuge/Devils Hole aquifer quake caught on video
- North Carolina – Wind energy project near Pocosin Lakes Refuge delayed indefinitely
- Photo: Virginia – Cottonmouth on the beach at Back Bay Refuge
- Alaska – Rat-free Rat Island reverts to former name: Hawadax

20 – A Look Back: John Scharff

July-August 2012

- 1 – A Harrowing Tale Worth of “Shark Week” (Palmyra Atoll Refuge) *Amanda Fortin*
- 1 – *Conserving the Future: First Research, Now Some Vision Products*
- 2 – From the Director: Choosing the Best Path for Conservation (surrogate species)
- 2 – Chief’s Corner: Making Our Presence on This Good Planet Sustainable (UW-Stevens Point speech)
- 3 – Two Vintage Western Refuges Turn 100 (National Elk and Fort Niobrara)
- 4 – Q&A Interview With Jim Kurth and Charlie Wooley
- 6 – Climate Changes Concerns Most Refuge Visitors (survey)
- 7 – A Hands-On Approach to Habitat Restoration (Ocoquan Bay invasive species) *Bill O’Brian*
- 8 – Trumpeting 25 Years of Success at Tamarac Refuge *Ben Ikenson*
- 9 – Gardening for Butterflies *Suzanne Valencia*
- 10-19 FOCUS Partnerships That Work
 - A Dozen Partners Restore One Ancient Ecosystem (Great Dismal Swamp, Pocosin Lakes, Alligator River) *Stacy Shelton*
 - CARE: All for One, and One for All *Bill O’Brian*
 - Land Partners” “We Couldn’t Do Our Job Without Them” *Bill O’Brian*
 - Montana and the Service Join Forces for Arctic Grayling *Kendall Slee*
 - Shaping Conservation Careers One Young Person at a Time *Bill O’Brian*
 - Desert Refuges and Tribes Build Rapport – and More *Alyson Mack and Wendy Smith*
 - Friends, Aided by Foundation, Boost Refuges’ reach *Alison Howard*
 - Scouts vs. Invasives (Litchfield Wetland Management District) *Tina Shaw*
- 20-21 AROUND THE REFUGE SYSTEM
 - Florida – “Ding” Darling Refuge interactive touchscreen display
 - California – San Diego Refuge grant from local transit association
 - Florida – mangrove cuckoo study at “Ding” Darling Refuge
 - Mountain-Prairie Region – Matt Hogan named regional refuge chief
 - Michigan – Detroit River International Refuge acquires Sugar Island
 - Oregon – Service and partners win Oregon 2012 Fishery Team of the Year Award for Bandon Marsh restoration
 - Friends develop pocket guides for Upper Mississippi Refuge and St. Croix WMD
 - Photo: Virginia – Osprey at Ocoquan Bay Refuge
 - 2012 Legends and Beacon award: Sandy Perchetti and Carmen Minch
- 22 – 150-Year-Old Homestead Act History Lives on Refuges *Susan Morse*
- 23 – Conserving Extraordinary Diversity for 75 Year (Bitter Lake Refuge, NM) *Floyd Truetken*
- 24 – Texas Refuge Shares Its Wildland Fire Expertise (Balcones Canyonlands) *Nancy Brown*
- 25 – Home Values Higher Near Wildlife Refuges (Service-N.C. State study)
- 28 – A Look Back: Fred Staunton

May-June 2012

- 1 – America’s Great Outdoors Offers Chances for “Complete Community Engagement” *Bill O’Brian*
- 1 – *Conserving the Future: Vision Work Plans Chart Path Beyond Business as Usual*

- 2 – From the Director: Promoting Tourism
- 2 – Chief’s Corner: Taking Land Ethic to Sea
- 3 – Monitoring Florida Panthers 24/7 *John Pancake*
- 4 – “It Was Just a Weird Winter” for Whooping Cranes *Heather Dewar*
- 5 – Filmmaker James Cameron’s Marianas Trench dive
- 6 – At McNary Refuge, Making It Fun to Conserve (climate change exercise) *Amanda Fortin*
- 7 – A Climate Change Blueprint for the Refuge System *John Schmerfeld*
- 8 – Using Ice to Help Conserve Culture (Missisquoi Refuge) *Ken Sturm*
- 9 – Refuges Earn High Marks With Visitors
- 10-20 FOCUS Recreation on Refuges
- Summer of Paddling 2012 *Bill O’Brian*
 - The Joy of Duck Hunting (Montezuma Refuge) *Sarah Fleming*
 - Wheelchairs and Whitetails (Crab Orchard Refuge) *Ben Ikenson*
 - Geocaching: Guidance for High-Tech Adventures *Karen Leggett*
 - Wildlife Experts Who Know How to Shoot (Photos) (Sacramento Refuge Complex) *Alison Howard*
 - The Allure of Fishing in Kenai Wilderness *Janet Schmidt*
 - Two Refuges That Work Especially Hard for Birders (Reelfoot, Kootenai) *Jennifer Anderson*
 - Why Is Cooperation With States Important? (Q&A with Kim Trust)
 - 2011 Service National Trails Inventory Project *Bill O’Brian*
- 21 – Alaska Sweeps Service Science Awards (Kenai bio team, Jeff Williams)
- 22-23 AROUND THE REFUGE SYSTEM
- New York-New Jersey – New species of frog in NYC, and Great Swamp and Wallkill River Refuges
 - Washington – Boardwalk boosts visitation at Nisqually Refuge
 - Florida – mangrove cuckoo study at “Ding” Darling Refuge
 - Massachusetts – Parker River Refuge’s Slow the Flow campaign
 - Arizona-California – Havasu Refuge holds its first Archery Day
 - North Carolina – State utilities commission approves 49-turbine wind farm near Pocosin Lakes Refuge
 - 2011 Recovery Champions
 - Photo: Florida Wildlife Corridor expedition
- 24-25 – Service Is Lead Agency on 39 America’s Great Outdoors projects
- 27 – Two Refuges Through the Eyes of a Wilderness Fellow *Rachael Carnes*
- 28 – A Look Back: Robert W. (Bob) Hines

March-April 2012

- 1 – Everglades Headwaters Established as Refuge System’s 556th Unit
- 1 – *Conserving the Future: Work Plans Move Vision to Actuality*
- 2 – From the Director: Looking Closer, Seeing the Big Picture
- 3 – Chief’s Corner: Crystal Clear on Implementation
- 3 – Photo: President Obama congratulates Patuxent Refuge Operation Warfighter employee Adam Conger
- 4 – Sediment, Serendipity and Scientific Discovery (Togiak Refuge nitrogen study) *Patrick Walsh*

- 5 – BioBlitzing by the Bay (Don Edwards SF Bay Refuge) *Carmen Minch*
- 6 – Crosscurrents at Pocosin Lakes Refuge (wind energy) *Alison Howard*
- 7 – Hardy Corn With Deep (Cultural) Roots (Bosque del Apache Aztec corn) *Bill O’Brian*
- 8 – From Papahānaumokuākea Reefs, Reasons for Hope *Heather Dewar*
- 9 – Promising Signs of Post-Rat Recovery at Palmyra Atoll *K.C. Summers*
- 10-19 FOCUS All Things That Fly
- A Waterbird Initiative Takes Flight *Jennifer Casey*
 - On the Landscape Level, a Tool to Weigh Land Acquisition *Bill O’Brian*
 - On the Field Level, a Tool to Set Management Priorities *Bill O’Brian*
 - It Is All About Relationships (Malheur Refuge CCP) *Tim Bodeen*
 - Four Flyways – What a Concept *Ben Ikenson*
 - Kodiak Refuge Keeps Eye on Secretive Seabird (Kittlitz’s murrelet) *James Lawonn*
 - At Hopper Mountain, Progress on Condor Recovery *Kendall Slee*
 - Refuge System Helps Gather Mourning Dove Data *Arianna Araya*
- 20-21 AROUND THE REFUGE SYSTEM
- Midway Atoll – Second short-tailed albatross hatches
 - New Jersey – Crab theft by herring gulls at Edwin B. Forsythe Refuge
 - Wyoming – National Elk Refuge wellness walk
 - Texas – Santa Ana Refuge alligator gar removal
 - Washington DC – New Refuge Officer badge
 - Hawaii – MLK Day volunteer clean-up at James Campbell Refuge
 - Photo: Falcated duck draws crowds to Colusa Refuge, CA.
- 22-23 – Photo essay: Newly Conserved Land (acquired in fiscal year 2011)
- 24 – Pelizza Named Refuge Manager of the Year (2012 Refuge System Awards)
- 25 – Refuge Specialist Shows His Mettle by Recycling Metal (Cyrus Brame at Eastern Virginia Rivers National Wildlife Refuge Complex) *Jennifer Anderson*
- 28 – A Look Back: David B. Marshall

Jan/Feb 2012

- 1 – *Conserving the Future: Implementation: Taking the First Steps*
- 1 – Kurth Named Chief; Martinez Selected as Deputy
- 2 – From the Director: Let’s Make Vision a Reality
- 2 – Chief’s Corner: Add Your Mark to Refuge History
- 3 – The Face and Voice of Dahomey Refuge (Don Roby) *Alison Howard*
- 4 – Making the Climate Change Connection for Teens (Tualatin Refuge) *Karen Leggett*
- 5 – “This Isn’t Your Grandfather’s Refuge; It’s Your Children’s” (Middle Rio Grande Refuge, NM) *Bill O’Brian*
- 6 – In Kansas and Texas, a Drought of Epic Proportions (Quivira Refuge) *Jennifer Anderson*
- 7 – St. Vincent Refuge: A Herpetologist’s Paradise *Joseph T. Collins*
- 8 – A Great Lakes Restoration First at Shiawassee Refuge *Steve Griffin*
- 9 – Bitter Lake Refuge Sinkholes Offer Glimpse Into Aquifer *Bill O’Brian*
- 10-19 FOCUS Implementing the Vision
- Leadership Development Council *Mark Musaus and Rebekah Martin*
 - Urban Wildlife Refuge Initiative Team *Tom Worthington and Scott Kahan*
 - Strategic Growth Team *Rick Schultz*

- A Q&A Interview With Deputy Chief Cynthia Martinez
- The 24 *Conserving the Future* Recommendations
- Final Six *Conserving the Future* Implementation Teams Named
- For Women, Challenges Remain

20-21 AROUND THE REFUGE SYSTEM

- Iowa/Nebraska – Desoto and Boyer Chute Refuges thank volunteers for summer 2011 flood help
- Pennsylvania – Cherry Valley Refuge opens to public for first time since its establishment in 2010
- 2011 Federal Energy and Water Management Awards
- Louisiana – Cameron Prairie Refuge opens Pintail Drive Boardwalk
- Maryland – Washington College baseball team helps with Eastern Neck Refuge cleanup
- Arkansas – Bald cypress at White River Refuge recognized as state’s largest tree
- Small Wetlands Program exhibit debuts at NCTC
- Texas – Fishing is back at Buffalo Lake Refuge after 25 years
- Texas – Attwater Prairie Chicken Refuge wildlife biologist Mike Morrow wins 2011 Hammerstrom Award
- Photo: Roseate spoonbill photo taken by Michael Rosenbaum at Arthur R. Marshall Loxahatchee Refuge, FL, wins national award

24 – A Look Back: Chandler Robbins

Nov-Dec 2011

1 – *Conserving the Future*: Vision document is online

1 – Two New Refuges Are Established; Third Is Authorized (Dakota Grassland Cons Area, Flint Hills Legacy Cons Area, Middle Rio Grande Refuge)

2 – Dyer, Elias and Cadastral Data Working Group win National Realty Awards

3 – A Flood Intra-Service Cooperation (White River Hatchery/Northeast Region heavy equipment) *Bill O’Brian*

4 – Protecting the Treasures of Caddo Lake *Sen. Kay Bailey Hutchison*

5 – Helping Flora and Fauna Speak for Themselves *Scott Kahan*

6 – The Disproportionate Cost of Private Inholdings *Paul Steblein*

7 – After a Year’s Delay, Bandon Marsh Project Is Completed *Karen Leggett*

8 – Endangered Birds Flourish at Hawaiian Refuges *Alison Howard*

9 – Patuxent Research Refuge at 75: Still “One of a Kind” *Bill O’Brian*

10-17 FOCUS Wildlife Biology in the 21st Century

- Sharing Rigorous Science Is the Key to Success *Grant Harris*
- Two LCCs Help Gauge Sea-Level Rise at Five Refuges *Bill O’Brian*
- Adaptive Management = Science + Decision-Making *Bill O’Brian*
- Using DNA Barcodes to Inventory Insects *Matt Bowser*
- Cultivating the Human Dimension *Natalie Sexton*
- Sustainability Through and Through *Mary Tillotson*
- Patch-Burn Grazing vs. Invasive Plants *Brad Dokken*
- Monte Vista Refuge’s Pilot-less Project to Survey Cranes *Floyd Truettken*

19 – Using Nature to Heal Young Lives at Sherburne Refuge, MN *Heather Dewar*

20-21 AROUND THE REFUGE SYSTEM

- Hawaii – Nihoa millerbirds birds released on Laysan Island in Papahānaumokuākea Marine National Monument
 - Nevada – Friends group removes 75 miles of barbed-wire fence from Sheldon Refuge
 - Alaska – Arctic Refuge comprehensive conservation plan (CCP) released
 - Quality Deer Management Association (QDMA) names Service agency of year
 - Maine – Timber Point parcel purchased at Rachel Carson Refuge
 - Wyoming – National Elk Refuge takes ownership of Jackson Hole visitor center
 - Southeast Region – Climate change exhibit debuts at “Ding” Darling Refuge, FL; Southeast Louisiana Refuge Complex; Waccamaw Refuge, SC
 - Photo: Mine washes up on beach at Chincoteague Refuge, VA
- 22-23 – Photo essay: A Kids’-Eye View of Guam National Wildlife Refuge
- 24 – Conservation Provocateur Brings His Message to NCTC (Randy Olson) *Susan Morse*
- 25 – Six Refuges, 21 Years, More Than 10,000 Volunteer Hours (Take Pride volunteer of the year Sharon Glock) *Jennifer Anderson*
- 27 – Third *Conserving the Future* Implementation Team Named
- 28 – A Look Back: Bob “Sea Otter” Jones

Sept-Oct 2011

- 1 – Dakota Grassland Conservation Area *Bill O’Brian*
- 1 – *Conserving the Future: Moving Quickly From Vision to Implementation*
- 2 – Ashe named 16th Director of Service
- 2 – Siekaniec appointed Deputy Director
- 3 – Refuges Are Elementary at Barrett Elementary in Arlington VA *Jennifer Anderson*
- 4 – “Managing a Fire Is Like Running a Marathon” Q&A w/ *Curt McCasland* (Okefenokee)
- 6 – Progress in the Salt Cedar Struggle (New Mexico refuges) *Karen Leggett*
- 7 – Stone Lakes Refuge Is Up Against the Sprawl (urbanization) *Mary Tillotson*
- 8 – Flooding: “We Expect It – but Not to This Extent” *Heather Dewar*
- 9 – Sex, Dives and Videotape (coral reproduction documented at Hawaiian Islands Refuge) *Lindsey Kramer*
- 10-19 FOCUS *Conserving the Future*, the Conference
- Vision and Change ... on a Grand Scale *Rebekah Martin and Michael Gale*
 - Live From Madison ... (news desk operation) *Kyla Hastie and Jason Holm*
 - An Opportunity for Friends to Share *Colleen Hovinga*
 - From Top Down, Youth Was Served *Bill O’Brian*
 - Conference Notebook: Alchemy strategic illustration; refuge manager of the future; low-tech messaging (chalkboard); Silvio O. Conte mobile visitor center
 - “Quote-Unquote” *various speakers*
 - Two Implementation Teams Selected
- 20-21 AROUND THE REFUGE SYSTEM
- Three new regional refuge chiefs: Ellis, Kahan, Archibeque
 - Migratory Bird Habit – land acquisition at Nestucca Bay, San Bernard, Canaan Valley
 - Montana – Charles M. Russell Refuge elasmosaur fossil extracted
 - California – Skaggs Island becomes part of San Pablo Bay Refuge
 - Midway Atoll – Short-tailed albatross chick is banded
 - Wisconsin – Necedah solar-power sharing
 - Texas – electric-powered cart at Hagerman Refuge

- Conservation Stamp – “semipostal stamp” supporting international conversation
 - Photo: Trash to Treasure Contest at Erie Refuge, PA
- 22 – Nature Quest at Wichita Mountain Refuge *Nancy Brown*
 23 – iNature Trail and QR codes at “Ding” Darling Refuge *Lindsay Downey*
 24 – Nine Employees Honored (Legends, Beacon and law enforcement)
 25 – The Power of Planning in the CCP Process *Thomas Larson*
 26 – In Pursuit of Prairie (motorcycle tour) *Paul Charland*
 28 – A Look Back: Jack Watson

July-August 2011 (Conserving the Future conference special issue)

- 1 – From the Secretary *Ken Salazar*
 2 – From the Acting Director *Rowan Gould*
 3 – From the Chief *Greg Siekaniec*
 4 – From the States *John Kennedy*
 5 – From Partners and Friends *Evan Hirsche*
 6 – Carrying the Legacy Forward *various respondents*
 8 – Conference Overview
 9 – How to Connect Virtually
 10 – Keynote Speakers
 11 – Lectures, Workshops and Discussions
 12 – Youth: Ready, Willing and Able to Lead the Way *Mao Lin*
 13 – Bold Ideas Led to Visionary Document
 14 – Green Goal: To Make the Conference Carbon-Negative *Heather Dewar*
 15 – Did You Know ... ?
 16 – Growing Up Wisconsin *Heather Jerue*
 17 – The Refuges of Wisconsin
 18 – Thinking Like a Mountain *Aldo Leopold*
 20 – Remembering Keystone: “It Made Us Talk to Each Other” *Heather Dewar*
 21 – “We’ve Become a Lot Better at Defining Our Goals” *Heather Dewar*
 23 – Poetry From a Wisconsin Refuge (Necedah) *Kathleen M. Heideman*
 24 – A Look Back: Sam Hamilton

May-June 2011

- 1 – Charles M. Russell Refuge and the Sage-grouse Initiative *Bill O’Brian*
 1 – *Conserving the Future* Conference
 2 – Chief’s Corner: For a Legacy to Endure
 3 – eBird Trail Tracker Puts Millions of Eyes on the Sky (Great Swamp) *Bill O’Brian*
 4 – What the Tsunami Was Like at Midway Atoll Refuge Q&A w/ *John Klavitter*
 6 – Restoring Marsh, Accommodating Shorebirds (Don Edwards San Francisco Bay) *Doug Cordell*
 7 – A Dog Can Be a Refuge Officer’s Best Friend (Service K-9 corps) *Mary Tillotson*
 8 – In Wisconsin, Raising Whooping Cranes Egg by Egg (Necedah) *Karen Leggett*
 9 – In Texas, Safeguarding Habitat and Crabs for Cranes *Bill O’Brian*
 10-19 FOCUS *Conserving the Future, People to Land*
 - Overview: Wildlife Refuges and the Next Generation
 - A Spring Break With Purpose at Desert Refuge *Toby Marble*

- What's the Most Important Thing You've Done to Connect People to Land? *various respondents*
- Private Hunting Clubs Help Enhance Federal Lands (Butte Sink WMA) *Kendall Slee*
- At Bear River Refuge, Education to Enhance Conservation *Karen Leggett*
- Meandering Into History at "Ding" Darling Refuge *Jeff Lysiak*
- Diane Buell, Volunteer Extraordinaire (Rocky Mountain Arsenal) *Susan Morse*
- Drawing Kids In at Sacramento Refuge *Todd R. Hansen*
- "Generation E Is in the House!" (Arctic Refuge-Connecticut connection) *Jennifer Anderson*

20-21 AROUND THE REFUGE SYSTEM

- New Mexico – Bitter Lake Refuge named International Wetlands of Importance; Las Vegas road workshop
 - Kansas – Quivira Refuge receives wetland enhancement grant
 - Montana – Charles M. Russell Refuge throws an impromptu birthday party
 - Louisiana – Recycled Christmas trees aid Bayou Sauvage Refuge marsh
 - Washington – Solo the trumpeter swan dies at Turnbull Refuge
 - Nevada – Ruby Lake Refuge completing \$1.2 million wetland enhancement project
 - New Jersey – Great Swamp Refuge uses libraries to spread Refuge System message
- 22 – America's WILD READ, an Online Book Club
- 22 – See "Flat Blue" Fly Nationwide
- 23 – "A More Holistic View of Wildlife Conservation" (0485 education requirement change) *Bill O'Brian*
- 24 – Litzenberger Named Refuge Manager of the Year (2011 Refuge System Awards)
- 25 – Six Refuge System Employees Are Recovery Champions
- 27 – Refuge Association Asks Congress to Address 10 Priorities
- 28 – A Look Back: The Blue Goose

March-April 2011

- 1 – Obama Announces America's Great Outdoors Action Plan
- 1 – Conserving the Future: Draft Vision Document Available for Comment
- 2 – Chief's Corner: Tomorrow Is Yours to Change
- 3 – Lower Rio Grande Valley Refuge Cooperates With DHS on border fence *Bill O'Brian*
- 4 – Ash Meadows Refuge adjusts to life near a solar energy project *Kendall Slee*
- 5 – One year after Deepwater Horizon oil spill, NRDAR is just one part of the Gulf restoration effort *Bill O'Brian*
- 6 – A Gated Community for Bats at Kofa Refuge *Lindsay Smythe*
- 7 – "Tremendous Progress" on Louisiana Black Bear Habitat *Mary Tillotson*
- 8 – Listening to the "Soundscape" of Wilderness (Kenai) *Susan Morse*
- 9 – Trying to Make South Texas Safe for Endangered Ocelots (Laguna Atascosa) *Bill O'Brian*
- 10-17 FOCUS *Conserving the Future, People to People*
- Overview: Wildlife Refuges and the Next Generation
 - The Evolution of Conservation Leadership *Lynn A. Greenwalt*
 - Bear River Watershed: "Leading by Example" *Karen Leggett*
 - Leadership With a Capital P (Perseverance) – Kelly Purkey @ Tensas Refuge *Bill O'Brian*

- Using Bugs to Instill a Sense of Wonder (Ohio River Islands) *Janet Butler*
- Rx: Go Outside! (Nature Champions) *Karen Leggett*
- Two Dogs, One Cat and Three Refuge Manuals *Tom Worthington*
- Excerpts from Jimmy Carter NCTC speech about Arctic Refuge 50th anniversary

18-19 AROUND THE REFUGE SYSTEM

- Midway – Short-tailed albatross hatches
 - Florida – Salazar proposes Everglades National Wildlife Refuge and Conservation Area
 - 2010 Sarbanes Transit Grants @ Rocky Mountain Arsenal, Kauai, Thacher Island, Sequoyah, Washita, Optima, Salt Plains, Laguna Atascosa
 - Louisiana – Breton Refuge reopens many months after Deepwater Horizon oil spill
 - Idaho – Deer Flat volunteer Steve Kehoe is award runner-up
 - New Mexico – Bosque del Apache Refuge 2010 Festival of Cranes video
 - Alaska – More info on Kittlitz’s murrelet at Kodiak Refuge
 - Two Regional Refuge Chiefs Named – David Viker (Region 4); Robin West (Region 1)
- 20 – The Palmyra Atoll Research Consortium at Palmyra Atoll Refuge *Eleanor Sterling and Erin Vintinner*
- 21 – It Takes a Region to Save a Rabbit (New England cottontail) *Jennifer Anderson*
- 23 – Nutria Are a Growing Problem in Oregon *Tess McBride*
- 24 – A Look Back: Forrest Carpenter

January-February 2011

- 1 – Short-Tailed Albatross Shows Signs of Nesting at Midway Atoll Refuge *David Patte*
- 1 – Conserving the Future: Communicating on Many Levels
- 2 – Chief’s Corner: We Are Waiting to Hear From You
- 3 – Water Resources (I&M) Survey Gets Underway *Susan Morse*
- 4 – Fatal Walrus Plunges at Togiak Refuge *Jennifer Anderson*
- 5 – At Waccamaw Refuge, “Estuary Creep” Is a Rising Concern *Bill O’Brian*
- 6 – Waterfowl Have a Night Life, Too – Forsythe Refuge study *K.C. Summers*
- 7 – Wood Ducks and Black Bears and Moose! Oh, My! First-person piece from Umbagog Refuge *Tylar Greene*
- 8 – A California Cabin With a Colorful Past *Sean Brophy*
- 9 – From China to Minnesota and Back, Conservation Matters *Bill O’Brian*
- 10-17 FOCUS *Conserving the Future, Honoring the Past*
- Overview: Wildlife Refuges and the Next Generation
 - The Fine Art of Flooding Bottomland Forests *Larry Williams*
 - Law Enforcement Training: 31 Weeks *Bill Kent*
 - Better Bison Through Genetics *Bill O’Brian*
 - Air Quality Branch Keeps an Eye on the Sky *Kendall Slee*
 - Protecting Precious Prairie in Texas *Mary Tillotson*
 - Studying Rachel Carson’s Power of Persuasion *Cynthia Britt*
 - “Best Display of Firefighting I’ve Seen in My 25 Years” *Mike McMillan*

18-19 AROUND THE REFUGE SYSTEM

- Kansas – Flint Hills Legacy Conservation Area authorized
- Montana – Huge fossil found at Charles M. Russell Refuge
- Massachusetts – High school students help Assabet River Refuge with Blanding’s turtles

- Florida – Pelican Island Refuge offers van tours for elderly
 - Georgia – Refuge System plays role in Camp Lawton Civil War exhibit
 - New Mexico – Maxwell Refuge removes two roads to enhance shortgrass prairie
 - Wyoming – National Elk Refuge hosts bear safety exhibit
 - Minnesota – David Ellis wins 2010 Sense of Wonder Recognition
- 20 – Lawson, Pyle and Gibson Win National Realty Awards
- 21 – A Curious Mix: Elk, Waterfowl and Corn at Bosque del Apache Refuge *Shawn Gillette*
- 23 – RAPP Counts *Noah Kahn*
- 24 – A Look Back: Mollie Beattie

November-December 2010

- 1 – Cherry Valley becomes 553rd national wildlife refuge *Bill O’Brian*
- 1 – 2011 Conference: Just a Click Away (Conserving the Future: Wildlife Refuges and the Next Generation)
- 2 – Chief’s Corner: What Does Wilderness Really Mean?
- 3 – Desert Refuge Complex Heeds First Lady’s Call *Dan Balduini*
- 4-5 – A Triple Whammy at Cape Romain Refuge *Bill O’Brian*
- 6 – Blogging From the Bayou (Black Bayou Lake Refuge) *Bill O’Brian*
- 7 – Spread of White-Nose Syndrome Forces Closure of Caves *Karen Leggett*
- 8 – At Delta Refuge, “We’re Very, Very Fortunate” *Mary Tillotson*
- 9 – Birding Kits From Washington Fill a Need in Nevada (Stillwater Refuge) *Bill O’Brian*
- 10 – 18 FOCUS Celebrating Alaska
- ANILCA at 30: Still the Backbone of the Refuge System *Mike Boylan*
 - The Arctic Refuge “Our Geography of Hope” *Roger Kaye*
 - Izembek Refuge: Rich in Biology, Steeped in History *Debra Corbett*
 - Events Showcasing the Refuges
 - Photo spread
 - Subsistence: Cultural Touchstone and Survival Necessity *Bruce Woods*
 - “The Handiwork of Millions of Years of Patient Evolution” 1985 letter by *Lowell Sumner*
 - Walking and Working in Two Worlds *Kevin Painter*
- 19 – 25 Years of Fire Data in Hand (San Andres Refuge) *Jennifer Anderson*
- 20 – 21 AROUND THE REFUGE SYSTEM
- California – 100 condors are living in the wild in the state
 - Vermont – Missisquoi Refuge accepts land donation
 - Connecticut – Silvio O. Conte Refuge mobile visitor center makes its debut
 - New Guide to Bird Conservation
 - Upper Mississippi River– floodplain becomes Wetland of International Importance
 - Georgia – Okefenokee Refuge gets a little bigger
 - Environmental Leadership Awards
 - Florida-Texas – 100th and 101st SLAMM models are finished on refuges
- 22 – Inmates Lend a Hand for Conservation (Shiawassee Refuge) *Susan Morse*
- 23 – The Return of Nisqually Refuge Estuary *Alison Howard*
- 24 – 12 Refuges Acquire Waterfowl Habitat
- 25 – A Good Year for Attwater’s Prairie Chickens *Bill O’Brian*
- 28 – A Look Back: Howard Zahniser and the Wilderness Act

September-October 2010

- 1 – Looking, Planning a Decade Ahead: The Vision Process and 2011 Conference
- 1 – Crystal River Acquires Prime Manatee Habitat
- 2 – Chief’s Corner: Facebook, Twitter and the Refuge System
- 3 – Refuge Officers Form First Service Honor Guard *Bill O’Brian*
- 4 – Oil Spill: At Bon Secour Refuge, First Do No Harm *Phil Kloer*
- 5 – Oil Spill: Documenting What the Gulf Has (NRDAR) *Nancy C. Brown*
- 6 – Oil Spill: Lesser-Known Species Imperiled by Oil *Susan Morse*
- 7 – Oil Spill: Spill Illustrates Risk to Wildlife and Refuges *Rep. Mike Castle*
- 8 – Measuring Marsh Elevation to the Nearest Centimeter *Laura Mitchell*
- 9 – Refuges Go to the Dogs (Upper Mississippi, Neal Smith) *Susan Morse and Karen Leggett*
- 10 – 19 FOCUS Energy Conservation
 - Overview: This Year’s “Green” Projects by Region
 - Study Focuses on Reaching Refuges Without a Car *Nathan Caldwell*
 - Puffins Point the Way to Offshore Turbines (Maine Coastal Islands) *Chelsea DiAntonio*
 - The Mandate Is Clear: Use Alternative Fuel Vehicles *Robert L. Williams Jr.*
 - Wind and Gravity: Winning Combination for Water (National Elk Refuge, Fort Niobrara) *Mary Tillotson*
 - Two Refuges, Two Approaches, One Goal (Minnesota Valley, Sheldon-Hart Mountain) *Andy Smith*
 - Checking In With Two Award-Winning Refuges (San Andres, Missisquoi) *Jennifer Anderson*
 - “Green” in the Extreme *Jennifer Anderson*
 - Off the Grid (Hopper Mountain, Kodiak) *Karen Leggett*
- 20 – 21 AROUND THE REFUGE SYSTEM
 - Hawaii – Papahānaumokuākea MNM named to UNESCO World Heritage List
 - Wisconsin – Horicon beneficiary of \$1 million gift to Ducks Unlimited
 - Oregon – Bandon Marsh tidal marsh restoration postponed
 - Arkansas – Big Lake draws down water to entice migratory birds away from Gulf
 - New Mexico – Oil spill at Bosque del Apache cleaned up
 - Washington, DC – *Delivering Quality Visitor Experiences* report available
 - New Jersey – Great Swamp parcel off Superfund list
 - Washington – Hanford Reach Natl Monument turns 10
 - Georgia – Okefenokee video draws worldwide attention
- 23 – White pelicans thrive on Upper Mississippi Refuge *Ed Britton*
- 24 – A Look Back: William L. Finley

July-August 2010

- 1 – Oil Spill Presents Extraordinary Challenge *Bill O’Brian*
- 1 – LCCs and I&M: Parallel Missions *Karen Leggett*
- 2 – Chief’s Corner: Oil spill response
- 3 – Seney wetlands restoration *Mary Tillotson*
- 4 – Four Refuge System Employees Honored

- Andrea VanBeusichem – Beacon Award, Montezuma
 - Nancy Haugen – Legends Award, Sherburne
 - Jean Takekawa – Magnuson Puget Sound Award, Nisqually
 - Dawn Grafe – Federal Land Manager, Oregon Coast
- 5 – Saving a Butterfly (Willamette Valley) *Susan Morse*
- 6 – “Green Meeting” in Alaska = Trees on Louisiana Refuge *Helen Armstrong and Bruce Woods*
- 7 – Counting Solution Holes for Key Deer *Phil Kloer*
- 8 – 15 FOCUS Tomorrow’s Conservation Leaders
- Overview: For Employees Plenty of Pathways to Success *Bill O’Brian*
 - Kids Get to Know Creature Through Creative Arts at San Diego *Chantel Jimenez*
 - Youth employment program at Rocky Mtn Arsenal *Ashley Hodges*
 - Canisius Ambassadors for Conservation at Iroquois *Bill O’Brian*
 - A Q&A With Nature Photographer Dudley Edmondson
 - Leadership Institute *Laura Bies*
 - Gamble on Your Dream *Jerome Ford*
- 16 – 17 AROUND THE REFUGE SYSTEM
- Wisconsin – whooping crane chicks at Necedah
 - Tennessee – flooding at Tennessee and Cross Creeks
 - Texas – two ocelot kittens at Laguna Atascosa
 - Colorado – lightning hits bison herd at Rocky Mtn Arsenal
 - Georgia – Cane Pole Trail at Okefenokee is now wheelchair accessible
 - Washington, DC – Interior to fund acquisition of 1,850 wetland acres at six refuges
 - Minnesota and Wisconsin – Island Naming Contest at Upper Mississippi
 - Nevada – Two new species of bees discovered at Ash Meadows
 - Alaska – bear viewing at Kodiak; Alaska Peninsula/Becharof vessel renamed
 - California – new canoe area dedicated to former Refuges employee David Champagne
- 18 – Puma population, habitat and prey selection study at Bosque del Apache *Shawn Gillette*
- 19 – Adopt an Area trash pickup at Merritt Island *Kathy Eichinger*
- 20-21 – Observations from two weeks on Gulf oil spill duty *Bill O’Brian*
- 22 – Latest information on the oil spill
- 24 – A Look Back: Warren Parker at Alligator River

May-June 2010

- 1 – Looting’s Costly Aftermath, Cypress Creek *Susan Morse*
- 1 – Tulare Basin Wildlife Management Area
- 2 – Chief’s Corner: White House Conf on America’s Great Outdoors
- 2 – Oil spill: how to help
- 3 – Sandy Point leatherback sea turtles *Bill O’Brian*
- 4 – New Alaska vessel, the Caroline *Mike Boylan*
- 5 – Phosphorus, sediment reduction at Horicon *Bill O’Brian*
- 6 – Spruce restoration at Canaan Valley *Karen Leggett*
- 7 – Fish in the desert, San Bernardino/Leslie Canyon *Bill O’Brian*
- 8 – 17 FOCUS Marine National Monuments
- Overview *Bill O’Brian*
 - A Signature Spectacle: Bait ball frenzy

- You Say Hawai'i, I Say Hawaii ...
- By the Numbers *Barry Stieglitz*
- Challenges *Barry Stieglitz*
- Understanding a Last Frontier *Jennifer Anderson*
- Shipwrecks at Pacific Remote Islands, Kingman Reef *Mary Tillotson*
- Photo spread
- Invasive black rats at Palmyra *Mary Tillotson*
- Mariana Arc of Fire *Bret Wolfe*

18 – 19 AROUND THE REFUGE SYSTEM

- Pennsylvania – bald eaglets at John Heinz
 - California – invasive species eradication allocation Humboldt Bay
 - Wyoming – Bison and Elk Management Plan at National Elk Refuge upheld
 - Puerto Rico – Cabo Rojo is site of regional importance for seabirds
 - Florida – Manatee named for Sam Hamilton
 - Missouri – Go Zero plants millionth tree, at Mingo
 - Michigan – Humbug Marsh at Detroit River named Ramsar site
 - Texas – Supreme Court upholds creation of Neches River
 - Washington, DC – Disasters and deferred maintenance backlog
 - California – Sinking ghost town at Don Edwards SF Bay
 - Virginia – Intl Migratory Bird art logo winner at Chincoteague
- 20 – Pine thinning at James River *Catherine J. Hibbard*
- 21 – Vegetation photo windows at Bosque del Apache *Shawn Gillette*
- 22 – Training programs boost refuge visibility at Dahomey, Bear River *Jennifer Anderson*
- 23 – Cellphone tour at Montezuma *Ashley Hodges*
- 24 – CARE Honor Rep Dicks, Sen. Inouye, Rep. LoBiondo, Rep. Perlmutter
- 24 – CARE Seeks \$578 million for refuges in 2011
- 25 – First Climate Science Center is at Univ of Alaska Anchorage
- 28 – A Look Back: Elizabeth “Betty” Losey at Seney

March-April 2010

- 1 – Inventory and Monitoring *Bill O'Brian*
- 1 – Chief's Corner: Sam Hamilton
- 3 – Mobile visitor van – Silvio O. Conte *Bill O'Brian*
- 4 – CARE meets Secy of Interior *Evan Hirsche*
- 5 – Wildlife and Hunting Heritage Conservation Council
- 6 – Brown pelican success story *Mary Tillotson*
- 7 – 14 FOCUS Maintenance
- Overview *Robert Williams*
 - SAMMS
 - Carbon footprint – Minnesota Valley
 - Ron Thuma, Flint Hills, DOI Environmental Achievement Award
 - Maintenance workers – Cal Henry (Lee Metcalf), Joe D'Arrigo (Lower Rio Grande), Amy Midgett (Alligator River)
 - Fleet *Scotty Martin*
 - MAT – McFaddin, Great River, Clarence Cannon

- Managing water for wildlife Alligator River
- 15 – Revitalizing San Pablo Marsh *Karen Leggett*
- 16 – 17 AROUND THE REFUGE SYSTEM
- Washington – Solo the swan – Turnbull
 - Florida – crocodile dies at “Ding” Darling
 - Minnesota – light rail to Minnesota Valley
 - North Dakota/DC – Arrowwood Refuge and Brentwood Elementary School – kids bird counts
 - Louisiana – Go Zero trees planted at Grand Cote and Lake Ophelia refuges
 - Maryland – Brad Knudsen honored by Refuge Academy
 - Florida/Arizona – Key Largo wood rats at Crocodile Lake; Sonoran pronghorn at Kofa
- 18 – CMS *Sandra Hodala and Chip Kimball*
- 19 – Climate change information from anthropology – Lower Suwannee *Bill O’Brian*
- 20 – mussels Upper Mississippi River *Jennifer Anderson*
- 21 – Nets to Energy waste to energy Midway Atoll *Bill O’Brian*
- 22 – 23 -Honors
- Kevin Foerster Manager of the Year, Sacramento
 - Zeeger de Wilde – Volunteer of the Year, Blackwater
 - Vernon Byrd – Employee of the Year, Alaska Maritime
 - Friends of Alaska – Friends of the Year
- 24 – A Look Back: Civilian Conservation Corps – CCC – Deer Flat, Squaw Creek
LouAnn Speulda-Drews, Marc Frisk, Anthony Breda

January-February 2010

- 1 – Landscape Conservation Cooperatives – LCCs *David Eisenhauer*
- 1 – Case of the Missing Auklets – Alaska Maritime – *Susan Morse*
- 2 – Director: Wilderness
- 2 – Chief – Katy Morris, Susan Bray
- 3 – More people and more seabirds at Oregon Islands Refuge – *Roy Lowe*
- 4 – Nesting birds on Arctic coastal plain – *Steven Kendall*
- 5 – Friends of Brazoria – birds of prey *Mary Tillotson*
- 6 – Raising Cane for Wildlife – Cypress Creek Refuge – *Jason Lewis*
- 8 – 13 FOCUS Citizen Science
- 8 – Hail Cove Living Shoreline Restoration
 - 9 – Project BudBurst *Mary Tillotson*
 - 10 – Scientists of all ages – BEMP at Sevilleta, Blanding’s turtles at Assabet River
 - 11 – Greater Noxubee Wildlife Management Cooperative *Len Deibert*
 - 12 – Cornell bird projects – FeederWatch, BirdSleuth, Celebrate Urban Birds
- 14 – 15 AROUND THE REFUGE SYSTEM
- Minnesota – Wildlife Drive, Sherburne
 - Alaska – Aleut Villages, Alaska Maritime
 - Maine – Noah Lanckton, Rachel Carson donations
 - Florida – access to Ten Thousand Islands
 - New Mexico – Joe Roybal – Bosque del Apache
 - Virginia – Back Bay visitor center in house by Lewis Rightmeyer
 - New York – Wertheim discovery of Native American camp sites
- 16 – Protected stopovers restore shorebirds – red knots at Monomoy – *Katie Iaquinto*

- 17 – Wildlife Society’s Leadership Institute – *Jena Moon*
- 18 – Leaders on the move – mobility survey – *Noah Kahn*
- 19 – Whatever happened to – Pelican Island restoration
- 20 – 21 - landscape conservation cooperative map
- 22 – Cold stunned and rescued – sea turtles at Merritt Island, manatees at Crystal River
- 23 – Priming beetles for battle – Tamarac – *Susan Morse*
- 23 – Kudos – meritorious service to Kevin Kilcullen; refuge communication awards
- 24 – A Look Back: Charles Chuck Hunt, Alaska – Yukon Delta

November-December 2009

- 1 – Preservation Skills Workshop
- 1 – Awards – Oil and Gas Team; Visitor Centers at MN Valley and Ohio River Islands
- 3 – Stimulus Dollars at work on Refuges – Audubon Visitor Center
- 4 – Envirothon – Kodiak
- 5 – Ever Greener – sustainability checklist
- 6 – Tufted puffin released on Cannon Beach – Oregon Islands Refuge
- 7 – Newell’s Shearwaters Kilauea Point
- 8 – 16 FOCUS Stories of Hope
 - Kenai Notebooks
 - Islands in the Upper Miss
 - Partnership for Wildlife across Borders – San Bernardino Refuge
 - red cockaded woodpecker – Okefenokee Refuge
 - getting nature into our kids: Kern Refuge, DeDoto, Boyer Chute, Ottawa
 - taxes for wildlife – Minnesota
 - cemeteries – Piedmont, Chincoteague
- 16 –Using Technology to keep up with the Wolves *Dominique Watts*
- 17 – Bats in the Barn – Supawna Meadows
- 18 – 19 AROUND THE REFUGE SYSTEM
 - NM – wilderness at Bosque del Apache
 - FL – Loxahatchee Visitor Center
 - TN – duck banding at Tennessee Refuge
 - WI – Necedah visitor center
 - PA – Nature Explorers at Erie
 - MO – Mingo/Carfax/Michigan Intl Speedway/GoZero
 - VA – Rappahannock River Valley Smithsonian tour
- 20 – Refuges on the Radio; PSA
- 21 – *Magic Field* teaches the benefits of fire
- 22 – Neighborhood Explorers
- 23 – Security check for volunteers
- 23 – Eight new moth species
- 24 – Sense of Wonder: Jim Burkhart
- 25 – People: Rick Schultz, Region 3/ Greg Mensik, Meritorious Service, New birding team members
- 26 – Coloring book
- 27 – Connecting Birds and People – IMBD, Big Sit
- 28 – Robin West leaves Alaska
- 29 – A Look Back: Calvin Lensink

September – October 2009

- 1 – Measuring What We Need to Know – Inventory & Monitoring
- 1 – Google Earth includes refuge boundaries
- 3 – Jim Kurth – Ira Gabrielson Award and trip to China
- 4 – Whooping Cranes dying at Aransas
- 5 – Dying Cormorants on California Coast – Farallon
- 6 – After the flood in North Dakota – Arrowwood – *Kim Hanson*
- 7 – Rudolph Dieffenbach Award – Gary Sullivan, Northwest Montana Wetlands Office
- 7 – Tearing down a levee in Louisiana – Upper Ouachita – *K.C. Summers*
- 8 – 18 FOCUS – Refuges as Ambassadors
 - Small Projects – Big Dividends
 - Red Rocks Lake, MT – softball
 - Trinity River, TX – giant salvinia
 - Canaan Valley, WV – Friends of the 500th *Behold! Land of Canaan*
 - Sachuest Point, RI – landfill to marsh
 - Homeschoolers – Kenai, AK; “Ding” Darling, FL
 - *Wings of Thunder* video at Bear River, UT
 - Teens meet the YCC – Kenai, AK *Jennifer Anderson*
 - Postcards from Papahānaumokuākea *Tracy Ammerman*
 - Salinity at Hailstone, MT
 - Curlews – Mid-Columbia River Refuge Complex, WA
- 18-19 AROUND THE REFUGE SYSTEM
 - Alaska – new dragonfly species (ocellated emerald)
 - Alaska – Native place names in Koyukuk River area
 - Wyoming – planting willow stems to keep elk from devouring riparian habitat
 - California – Farallon web cam
 - Maine – murre egg
 - Texas – Caddo Lake opens
 - Hawaii – rare bird fossils
 - Montana – BioBlitz Lee Metcalf
 - Kansas – Marais des Cygnes Go Zero
- 20 – Deputy Directors Named – Dan Ashe (policy), Rowan Gould (operations)
- 22 – *Fire Management and Invasive Plants: A Handbook*
- 23 – Urban treaties – John Heinz, PA
- 23 – Scenic Byways – Wichita Mts, OK; Key Deer, FL, Blackwater, MD; Pea Island/Cedar Keys, NC; Bon Secour, AL; St Marks/St Vincents, FL; Big Oaks/Muscatatuck, IN; Havasu, AZ
- 24 – A Look Back: C.S. Johnson

July-August 2009

- 1 – Centennial Celebrations – Hawaiian Islands, Deer Flat, Cold Springs, Minidoka, Culebra, Farrallon, AK Maritime, Yukon Delta
- 2 – Youth Forum/Nature Quest – Sevilleta, Wichita Mountains
- 3 – Beyond the Boundaries NWRA – Desert, *Anne Truslow*
- 4 – Bat Caves – Wheeler, Fern, Sauta, *Key Len Deibert*
- 5 – Russia/China trip
- 6 – Nature Explore – Nisqually

7 – Golden winged warblers – Tamarac, Rice Lake

8-9 AROUND THE REFUGE SYSTEM

- Minnesota – Pine to Prairie Birding Trail – Manitoba Birding Trail Canada
- Maryland – Blackwater – cordgrass planting
- Indiana – Muscatatuck rain garden
- Florida – invasives kiosk – Ding Darling, Merritt Island, St Marks, Loxahatchee, Key Deer, Hobe
- Idaho – Deer Flat – Little Desert Detectives
- Oklahoma – Wichita Mountains – recycling

10 – Mineral Rights Just Below the Surface Southeast LA Refuge Complex, Hagerman *Len Deibert*

11 - Preserve America grants – Big Muddy, Deer Flat, Rappahannock River Valley

12 – Water at Loxahatchee *Matthew Harwell, Donatto Surratt*

13 – Pilots over the refuge – *Shawn Bayless*

14 – Grab the BBQ tongs – coastal cactus wren *K.C. Summers*

15 – Student Conservation Association SCA *Aaron Shwom*

17 – Better Fire Management – LOT Line Officer Team

18 – Honors – John Dingell International Canvasback Award; Cindy Samples Beacon Award; Kelly Blackledge Legends Award; Scott Glup Federal Land Manager of the Year

20 – A Look Back: Grady Mann

May/June 2009

1 – American Recovery and Reinvestment Act (Stimulus)

1 – Honors – Steve Flanders, regional heavy equipment coordinators

3 – Geocaching (Upper Miss, Sacramento)

4 – Shiawassee archaeological research *Jeffrey Sommer*

5 – New England cottontail (Rachel Carson, ME) *Kate O'Brien*

6-14 FOCUS – READY FOR TOMORROW

- Refuges of Tomorrow *Don Hultman*
- Friends/Partners *Edward Henry*
- ANSEP – Alaska *Mike Boylan*
- Education and Training *Janet Ady*
- Collaboration (Malheur, OR) *Amy Gaskill*
- Reaching our audience in new ways *Brad Phillips*
- Social Networking
- Demographics *Emilyn Sheffield*

15 – CARE report

16 – 17 AROUND THE REFUGE SYSTEM

- Washington - Solo the swan – Turnbull
- Kansas – Marais des Cygnes Go Zero
- Missouri – Swan Lake First Friday
- Oklahoma – Salt Plains crystal digging
- Rhode Island – Green Café poetry of the wild
- Upper Mississippi – Ramsar Wetlands

18 – Steigerwald Gibbons Creek Wildlife Art Trail opens (WA)

19 – Wings and Wetlands – Quivira (KS), Doloris Pederson painter

20 – A Look Back: Victor Scheffer

March-April 2009

1 – Pythons in Florida – Loxahatchee, Florida Key *Susan Morse*

1 – State of the Birds report

2 – East Coast Wetlands disappearing

3 – eBird Trail Tracker – Santa Ana (TX) *Mike Carlo*

4 – World War II Legacy – AK Maritime *Lisa Matlock*

6 - San Francisco Bay wetland restoration

7 – Long Island Sound – Oyster Bay *David Klinger*

8 – 15 FOCUS – CLIMATE CHANGE

- Bold approaches
- Alligator River (NC) *Mike Bryant*
- Arctic – *David Payer*
- Tracking wildlife – Kenai and others *Kathy Granillo*
- SLAMM (Sea Level Affecting Marshes Model) – Chincoteague
- Lower Mississippi Valley *Bob Ford, Pete Jerome*
- Connecting the landscape – *Mike Scott, Bob Adamcik*

16 – Awards

- Marie Springer – Volunteer of the Year
- John Verdun, Friends of Pool 9 – Friends of the year
- Greg Siekaniec – Mgr of the Year
- Baron Horiuchi – employee of the year

AROUND THE REFUGE SYSTEM

- Texas – Aransas whooping cranes
- Oregon – William L. Finley volunteers
- Arkansas – swans at Holla Bend
- Michigan – 36 new species at Shiawassee
- Nevada – Moapa Valley open to the public
- Alabama – Key Cave
- Oklahoma – Drum Drummond – Wichita Mountains
- Wetlands – Migratory Bird Conservation Commission allocates Duck Stamp money

20 – Palmyra Atoll becomes Ramsar site

21 – Strategic Habitat Conservation – Morgan Brake and Matthew Brake (MS) *David Viker*

22 – Putting Food on Alaskan Tables – moose hunts – Togiak *Andy Aderman*

24 – A Look Back: Averill Thayer

January-February 2009

1 – New Marine National Monuments expand Refuge System

2 - Friends Conference

3 – Draft Climate Change Plans

4 – Innovative conservation – Blackfoot Valley, Blackwater, San Luis, Presquile, Charles M. Russell, Rocky Mountain Front *Noah Kahn*

5 - Blackfoot Challenge – Blackfoot Valley WMD, Benton Lake WMD *Lani Sinclair*

6 – Recreating an estuary on Puget Sound – Nisqually

7 – Greg Siekaniec new Refuge System Chief

FOCUS – Research on refuges

- Artificial burrows for owls – Umatilla Refuge *Michael Wright*
- Eastern fox snake – Shiawassee Refuge *Steve Kahl*
- Endangered songbirds – Balcones Canyonlands Refuge *Chuck Sexton*
- Rafinesque’s big-eared bats – Noxubee Refuge *David Richardson*
- Rusty Blackbirds – Tetlin Refuge, Alaska Bird Observatory Bud Johnson
- Blanding’s turtles – Assabet River Refuge *Lani Sinclair*
- Cell phone tours, podcasts – Upper Mississippi, Montezuma, Iowa refuges
Karen Leggett

AROUND THE REFUGE SYSTEM

- Pennsylvania – Cherry Valley Refuge established
- Mississippi – new visitor center at Grand Bay Refuge
- California – condors
- Birding team – new members
- Northeast Region – Blackwater Refuge + Shenandoah National Park will train 35 AmeriCorps volunteers
- Minnesota – USFWS + The Nature conservancy restore wetlands at Glacial Ridge Refuge
- New Mexico – Dedication of John Taylor Water Management Project at Bosque del Apache Refuge
- Texas – Aransas Refuge – whooping cranes, Kemp’s Ridley turtles

19 – Debbie Corbett’s career (Secretary of the Interior Preservation Award)

20 – A Look Back: Ira Gabrielson

November-December 2008

1 – GAO Report

3 – Energy Awards – San Andres Refuge, Ottawa Refuge

4 – Energy-saving innovations: Dan Thorington, Joel Kemm

5 – Tualatin River Refuge Teacher Team

FOCUS – International Conservation

- 6 – Overview *Steven Kohl*
- 6 - Invasive animals *Poppy Benson*
- 8 – Volunteerism in Russia *Kristen Gilbert*
- 8 – Condors – Hopper Mt Refuge
- 10 – Detroit River Refuge – cooperation with Canada *Chuck Traxler*
- 10 – Yukon Delta Refuge – avian visitors *Brian McCaffery*

13 – Wilderness policy

AROUND THE REFUGE SYSTEM

- Minnesota – Prairie Wetlands Learning Center expansion
- Tennessee – Reelfoot Refuge – eagle-spotting tours
- Sense of Wonder – Donna Stanek
- New York – Friends of Montezuma tree sale
- California – San Luis Refuge – National Park Foundation’s Top Ten Parks
- Alternative Transportation Projects – National Elk Refuge, Chincoteague, Bosque del Apache, San Diego Bay

- Missouri – Wal-Mart works at Big Muddy Refuge
- 16 – Take Pride Awards – Charles Holbrook, John “Jack” Webb
- 17 – Using wildlife to teach English – National Elk - *Lori Iverson*
- 18 – Rekindled Memories – Tom Atkeson *David Klinger*
- 19 – Day in the Life of Refuge Manager – Tom Jasikoff, Montezuma Refuge *Karen Leggett*
- 20 – A Look Back: Rudolph Dieffenbach

September-October 2008

- 1 – MSI Report – independent analysis
- 3 – Gulf Coast Refuges rebuilding after Hurricane Ike
- 4 – Preparing Iowa Firefighters for prescribed burns
- 5 – Mississippi Sandhill Cranes *Emily Neidigh, Mississippi Sandhill National Wildlife Refuge*
- 6 – Big Eye Cabin restored at Kofa Refuge (AZ)
- 7 – National Wildlife Refuge Week
- 8 – 13 FOCUS – WETLANDS
 - 8 – South Bay Salt Pond Restoration Project – Don Edwards San Francisco Bay Refuge (CA)
 - 8 – Hobe Sound Refuge (FL)
 - 10 – Small Wetlands Program
 - 10 – Green Tree Reservoirs – Felsenthal Refuge (AR)
 - 12 – Ash Meadow Refuge – desert oasis in NV *Christine Nalen*
 - 12 – Oregon Coast Refuge – Nestucca Bay Refuge (OR) *Roy Lowe*
- 14 – Realty Awards
 - Ken Clough – Rudolph Dieffenbach Award
 - Thomas Tornow – Land Legacy Award
 - Richard Erdmann (The Conservation Fund) – National Land Protection Award
- 15 – Fighting English ivy at Siletz Bay Refuge (OR) *Dawn Grafe*
- 16 – Masked Bobwhites – Buenos Aires Refuge (AZ) *Mary Hunnicutt*
- 17 – Lange’s Metalmark Butterfly – Antioch Dunes Refuge (CA)
- 18-19 AROUND THE REFUGE SYSTEM
 - Alaska – Kanuti Refuge Dragonfly Day
 - California – Richard Guadagno scholarships at Humboldt Bay Refuge (CA)
 - Massachusetts – Parker River Refuge – bridge dedication, Great Marsh part of Western Hemispheric Shorebird Network
 - Kansas – Marais des Cygnes Refuge and Ground Zero
- 21 – Mountain Prairie Region’s Bring Your Kids to Work Day *Irene James Guertin*
- 22 – Master Naturalist training at Edwin B. Forsythe Refuge (NJ)
- 23 – Key West Refuge 100th anniversary (FL)
- 24 – A Look Back: Tom Atkeson

July-August 2008

- 1 – First-ever Leadership Day Set for October 27
 - 3 – Aplomado falcons – Laguna Atascosa, Lower Rio Grande Valley, Aransas
 - 4 – Border protection vs. wildlife – Cabeza Prieta
 - 5 – Whooping cranes – Necedah, Chassahowitzka
 - 6 – Botulism is killing waterbirds – Seney *Mark Breederland, Joyce Daniels*
 - 7 – Funding Agreement for Bison Range Complex – National Bison Range
- FOCUS – STRATEGIC HABITAT CONSERVATION

- Fulfilling the mission – *Kathryn Owens, Dan Ashe*
- Acronyms – *Michael Runge*
- Managing habitat *Melinda Knutson, Hal Laskowski*
- Migratory birds – *Patricia Heglund, Tony Leger, Hal Laskowski, Socheata Lor*
- Strategic Habitat Conservation (SHC) as a natural fit – *Mike Bryant, Pete Campbell*
- Laughing gull strategy – Maine Coastal Islands *Janith Taylor*
- Improving Scientist-Decision Maker Collaborations – *Gaye Farris*
- Refining SHC – *Pauline Drobney, Greg Corace, Jeanne Holler*

18-19 AROUND THE REFUGE SYSTEM

- Sacramento – goats
 - Bombay Hook, Prime Hook – wood sandpiper, snowy egret
 - National Trails – Funk Peterson Wildlife Trail, Canyon Trail (Bosque del Apache), Chupadera Wilderness Trail
 - Arrowwood National Wildlife Refuge leg of the Fort Totten Trail
 - Sullys Hill Nature Trail
 - Yukon Flats – moose mural
 - Corn Creek Ranch – Desert National Wildlife Refuge
 - Billy Warren – volunteer, Cape Romain
- 20 - Ivory Billed Woodpecker – Cache River
 21 – Major Acquisition for Glacial Ridge Refuge
 22 – Wage grade workshop at Kenai
 23 – Blackwater’s new library
 24 – A Look Back: Lucille Farrier Stickel

May June 2008

- 1 – Protecting the path of the pronghorn
 1 - Risk of wildfire (graph)
 3 – Refuge Awards
- Friends of Sherburne Refuge – Friends group of the year
 - Clyde Morris – employee of the year
 - Kevin Brennan – manager of the year
 - John Bertrand – volunteer of the year (Bosque del Apache REFUGE)
- 4 – Ridding Rat Island of its rats
 5 – Theft from archeological sites (Santee, Alaska Maritime, Desert, Sheldon, Key West, Blackbeard)
Rick Kanaski
 6 – Iditarod National Historic Trail *Debra Corbett*
 7 – Cape May Refuge creates overwash to expand nesting habitat for piping plover
 8 – Colonial Waterbird Survey
 9 – Firewood delivered to Vernonia, OR
 10-19 FOCUS – Through the Eyes of Children
- Let’s Go Outside *Rick Lemon, Janet Ady*
 - Ask the Lady – Cape May Refuge *Melinda Abrazado*
 - Wetland classroom at Buenos Aires Refuge
 - Urban wildlands ecology camp at McMurray Prk, Richland WA (Friends of Mid-Columbia River Refuges)
 - Girl Scouts at Tualatin Refuge – ECO-Gig

- Jewels of the Nebraska Sandhills – Valentine National Wildlife Refuge
- Calendar competition in Alaska *Terry Fuller*
- Refuges as classrooms – St Marks
- Hooked on Fishing – Forsythe
- War on Invasives and kids *Jenny Ericson*

20-21 AROUND THE REFUGE SYSTEM

- New Mexico – oreodont in Bosque del Apache
 - Kansas – study of white tailed deer in Quivira Refuge
 - Louisiana – Sabine reopens Creole Nature Trail
 - Puerto Rico – clean-up of Vieques Refuge
 - California – vernal pool habitat added to Don Edwards San Francisco Bay Refuge
 - Wyoming – National Elk uses digital photography for animal counts
 - New Jersey – Great Swamp refurbishes farmhouse as visitor center
 - Nevada – Sheldon Refuge plan for feral horses and burros
- 22 - Clayton Christenson – Charles M. Russell Refuge truck driver
- 23 – Midway tours
- 24 – Restoring habitat along the lower Colorado River – Imperial Refuge (AZ) *Lesley Fitzpatrick*
- 25 – Life Stories – Heritage Program – Retirees’ Almanac
- 26 – Chinese experts visit San Francisco Bay Refuge
- 28 – A Look Back – Jake Valentine

Mar-April 2008

- 1 – Agreement with Cornell Laboratory of Ornithology
- 3 - Florida manatees – Crystal River Refuge
- 4 – President Bush visits Patuxent Refuge *Brad Knudsen*
- 5 - Water shortage – Eufaula Refuge (AL)
- 6 – Interns - San Luis Refuge *Jack Sparks*
- 7 – Moss – Alaska Maritime (Stephen Talbot, Wils Schofield)

FOCUS BIRDING

- 8-9 – Building Connections with America’s Birders *Maggie O’Connell*
 - 9-10 – Quivira Refuge + Cheyenne Bottoms Wildlife Area
 - 11-12 –Birding Partnerships – Lower Rio Grande Refuge, Roma Bluffs World Birding Center
 - 12-13 – Next generation of birders – Aransas Refuge, San Luis Valley Refuge, Neal Smith Refuge
 - 12-13 – Alaska Checklist *Toby Burke*
 - Wood ducks at Tualatin River Refuge
 - 14-15 – Merritt Island Refuge *Dorn Whitmore*
- 16 – Illegal immigrant damage to refuges – Cabeza Prieta Refuge *Michael Lusk*
- 17 – Year long celebration – Lower Klamath Refuge *Michele Nuss*
- 18 – Maintenance Action Team (MAT) –Clarence Cannon Refuge, Great River Refuge *Chuck Traxler*
- 19 – Nutria – Blackwater Refuge

AROUND THE REFUGE SYSTEM

- Texas – whooping cranes – Aransas Refuge
- Florida – Honduran flies at Loxahatchee Refuge
- Washington – restoration at Nisqually Refuge
- Mississippi – Mississippi Sand Hill Crane, Grand Bay, Bon Secour Refuge partnership with Southeast Wildlife Conservation Group to reclaim natural environments
- Midway Atoll – breeding colony Laysan albatross –
- Oklahoma – Farm Bureau Family of the Year – Jody and Paula Sloan

- Louisiana – saving Christmas trees for Bayou Sauvage Refuge
 - Oregon – Malheur Refuge site for Federal Law Enforcement Training Center filming
- 22 – Waterfowl Production Areas – Rainwater Basic Wetland Management District *Mark Pfof*
 24 – A Look Back: J. Clark Salyer

Jan/Feb 2008

- 1 – Connecting children with nature (Upper Mississippi Refuge)
 3 - Fire in California (Hopper Mt, San Diego Refuge), drought in east (Harris Neck, Santee)
 4 – Attwater Prairie Chicken Recovery *Terry Rossignol*
 5 – Hooked on Nature *Noah Kahn, Defenders of Wildlife*
 6 – Disney Scholars
 7 – Ten Most Endangered Refuges – Defenders of Wildlife

FOCUS CONTAMINANTS

- 8 –9 Mercury in songbirds in New England
 - 8 –9 Mercury in Waterbirds in San Francisco Bay
 - 10-11 Military contaminants at Mountain Longleaf Refuge
 - 10-11 Wetland restoration at Heinz and Pocosin
 - 12-13 Landfill siting in NC *Sara Ward*
 - 12-13 Deep Fork restoration after sewage release *Karen Cathey*
 - 14-15 Oil spill response
 - 14-15 Oil pits
- 16 – Wood duck surveys in North Dakota *Christopher Nicolai*
 17 – ATTPL grants – tram, planning
 18-19 – Volunteers – Dave Shuckstes at Cape Romain, Joel Brown on Plover Patrol, Todd Finlayson at Midway

AROUND THE REFUGE SYSTEM

- Florida – sea turtles and box cars (Merritt)
 - New York – FAA transfers land to Long Island Refuge
 - Massachusetts – Assabet Refuge and Lisa Nevin novelist
 - Texas – Sea turtle patrol on Matagorda Island
 - Michigan – Shiawassee partnership with Detroit Edison
 - Awards – Georgia Shirilla = Rudolph Dieffenbach
- 22 –23 Whatever happened to
 - Kodiak Gray Whale
 - Big Sit
- 24 – DVD #23
 27 – Saving Money on heavy iron
 28 - Eaglet rescue at Upper Miss

November-December 2007

- 1 – Banking on Nature
 3 – Laura Bush and the Marine Debris Initiative
 4 – Ding Darling algae
 5 – M/V Tiglax
 6 – Seney Refuge and the common terns (Francine Cuthbert/Greg Corace)
 7 – Yukon Delta and Alaska Native Science and Engineering Program (Mike Rearden)

FOCUS ON A RIVER RUNS THROUGH IT

- 8 – Silvio O. Conte – Connecticut River watershed

- 8 – Detroit River and the bank swallows in the dolomite *Greg Norwood*
- 10 – Bitter Lake and the Pecos River *Paul Tashjian*
- 10 – Brook trout in Minnesota Valley REFUGE *Chuck Traxler*
- 12 – Malheur water rights (Chad Karges)
- 12 – Ft Niobrara recreation management plan (Kathy McPeak)

14 – Sevilleta *Renee Robichaud*

15 – Sense of Wonder Frances McTamaneay

AROUND THE REFUGE SYSTEM

- Alaska Maritime – gun emplacement death trap for murre
- Six congressmen honored (CARE)
- Mingo Refuge Missouri – alligator gar
- National Elk cygnets
- Bombay Hook family scavenger photo hunts
- Rocky Mt Arsenal – Stapleton Airport concrete

18 – Caddo Lake Refuge in Texas fights giant salvinia

19 – Whittlesey Creek Invasive Free Zone

20 – Mini-joint grazing venture on Lostwood Refuge in ND

21 – Awards for protecting land and going green –

- Papio Missouri River Natural Resource District – National Land Protection Award
- Wm McCoy – mgr Patoka River Refuge in Indiana – Land Legacy Award
- Alaska Peninsula/Becharof – Environmental Achievement

23 – Three Arch Rocks celebrates centennial

24 – Whatever happened to...

- Ivory billed woodpecker
- Seladang Ayu oil and soybean spill

September – October 2007

1 – Friends Academy

3 – Japanese MIAs at Alaska Maritime Refuge

4 – Louisiana Refuges recovering from Katrina

5 – Kodiak Brown Bears *William Leacock*

6 – Harold Burgess (Santa Ana NW)

7 – Chadd Smith (Kauai Refuge Complex)

FOCUS ON REFUGE IMPROVEMENT ACGT

- 8-9 – Diplomacy, Leadership, Compromise – *Dan Ashe*
- 10 – 10 years of improvement – *Cong Jim Saxton*
 - VFEs (Visitor Facility Enhancements) on refuges
- – Alaska's refuges and the improvement act – *Mike Boylan*
- – Reflections on the anniversary *Robert Fischman*
- – Biological framework – *Bob Adamcik*
- – Is the Refuge Improvement Act all Wet? *Evan Hirsche*
- – My Leadership Journey *Maeve Taylor*
- - SES – *Rick Schultz, Todd Logan, Greg Siekaniec*

20 – Invasive e-learning (<http://www.fws.gov/invasives/volunteersTrainingModule/index.html>)

21 – Nisqually – Grays Harbor Refuge shorebird adaptations + Birdwise TV show

AROUND THE REFUGE SYSTEM

- National Elk – Journals and JPGs environmental education

- Rocky Mt Arsenal – Notable Achievements Award for Land Revitalization
 - Rocky Flats – 548th Refuge
 - Waccamaw – new Cox Ferry Lake Recreation Area
 - Tishomingo Refuge OK – release alligator snapping turtles
 - Ottawa Refuge – Ohio – Important Bird Area by Ohio Audubon
 - Patuxent – return of whooping crane feathers
 - Obits – Eugene Kridler, Stuart Keeble (memorial backpacks in Rhode Island)
- 25 – Black ducks – Cape May, Edwin Forsythe Refuge *Dane Cramer*
- 27 – Am Crocodile makes a comeback *Steve Klett*
- 28 – Bird Call – snowy plover at Long Lake National Wildlife Refuge in ND (Paul Van Ningen)

July-August 2007

- 1 – Lange’s Metalmark butterfly – Antioch Dunes Refuge
- 3 – Selawik and GLORIA
- 4 – Green Café at Kettle Pond Visitor Center – Ana Flores – artist in residence
- 5 – Women in Outdoors – Squaw Creek, Muscatatuck, Noxubee
- 6 – MN Valley volunteer training
- 7 – Hosting Laura Bush at Midway Atoll Refuge

FOCUS LAW ENFORCEMENT

- Law enforcement on refuges – *Mark Chase*
- Easement enforcement – Scott Kahan
- Day in the life of officer/marijuana on Refuges – *Kevin Gormley*
- Salt plains chemical vials
- Community Policing
- Dinosaurs – Charles M Russell Refuge (NT)

- 14 CARE – Restoring America’s Wildlife Legacy
- 15 – Restoring the jewels of the prairie – WPAs, Devils Lake WMD – *Ken Torkelson*
- 16 – Geocaching – Upper Mississippi Refuge
- 17 – Okefenokee fire

AROUND THE REFUGE SYSTEM

- Humpback whale rescue – San Francisco Bay Refuge
 - Blackwater observatory
 - Detroit River byways to flyways
 - Basket Slough dedicated to Rich Guadagno
 - Three Arch Rocks puffin pale ale
 - In memoriam - Richard Hoppe
- 20 – Creating a prairie mosaic – Devils Lake WMD – *Mark Fisher* – Pulling Together Initiative
- 21 – Big Sit
- 22 – Preserve America Awards – PAST in Hawaii, Blackwater video kiosks, Iowa Refuges on iPods
- 23 Awards
- Dawn Grafe – Legends
 - Glen and Carolle Aldinger – Take Pride volunteers
 - Steve Brimm – Land Manager
 - Distinguished Service – Dennis Widner, Larry Mallard, Philip Stewart, Rob Jess
- 25 - Ocelot recovery at Laguna Atascosa
- 27 - National Survey of Fishing, Hunting and wildlife-assoc recreation
- 28 - Whatever happened to...

- Whooping cranes – last survivor of tornado dies; new class is big
- Pronghorn fawns born in captivity
- Chase Lake pelicans back to normal

May-June 2007

- 1 – Conservation Fund – GoZero
- 3 – Protecting birds from jets at Pocosin Lakes Refuge
- 4 – Dismal Swamp archaeology
- 5 – Moose, Bears, Wolves and people on Yukon Flats
- 6 – Fighting lygodium fern at Loxahatchee
- 7 – Remembering Rachel Carson
- 8 – 2006 National Realty Awards
 - Ross Grimwood – 2006 Rudolph Dieffenbach Award
 - Nature Conservancy, Montana – Land protection award
 - Andrew French – Land Legacy Award
- 8 – Bird Call – white tailed eagle at Kilauea
- 9 – 65th anniversary of Battle of Midway

FOCUS ON URBAN REFUGES

- Every Refuge is an Urban Refuge – Emilyn Sheffield
 - Bair Island restoration
 - Multicultural education – Tualatin, Upper Mississippi, Rocky Mt Arsenal
 - Development – Sherburne, Balcones Canyonlands
 - EE for city kids – Eastern Massachusetts, Two Ponds, Heinz at Tinicum
 - Fire Management (Karen Miranda Gleason)
 - Water quality on urban Refuge – Minnesota Valley
- 18 – Stone Lakes burrowing owls
 - 19 – Stacy Studebaker gray whale – Kodiak
 - 20 – Seals – collaboration with NOAA at Midway Atoll

AROUND THE REFUGE SYSTEM

- Shari Boyd – Arctic Refuge and Literacy Council
 - Loxahatchee – Everglades through the eyes of children
 - Steigerwald/Franz Lake/Pierce Refuge E planning native shrubs
 - National Elk roving naturalists
 - Mattamuskeet Refuge DVD by foundation
 - Duck Stamp at Ding Darling
 - *Countering Resource Challenges* available
- 25 - Building support at Vieques Refuge
 - 26 - Hakalau Forest – *Susan Newton* journal
 - 28 – Barging in on the whooping crane – Aransas Refuge on River Explorer barge tour

March - April 2007

- 1 – Bison – genetic-based management (Niobrara, National Bison Range, Sullys Hill, Rocky Mt Arsenal, Neal Smith)
- 3 – Togiak glaciers
- 4 – Friends Academy
- 5 – National Wildlife Refuge Assoc awards

- Don Hultman – Refuge manager of the year (Upper Mississippi)
- Marion Sansing – volunteer of the year (Noxubee)
- Bill Giese – employee of the year (Blackwater)

6 – Beavers – Selawik

7 – Puffins – Seal Island

8 – A Day for the Birds – poem, Ray Conrad

9 – BAER – cultural resources in Alaska – Yukon Flats, Kanuti

FOCUS FISH CONSERVATION

10- Overview – Mamie Parker

10 – Recreational Fishing and Boating Foundation

12 – National Fish Habitat Action Plan

12 – Trout

13 – Carp

16 Whatever happened to...

– Desert bighorn sheep – Kofa

- Kenai float plane removed

- Nisqually salt marsh

- Sonoran Pronghorn released – Cabeza Prieta

AROUND THE REFUGE SYSTEM

- whooping cranes at Aransas

- Tinicum marsh cleanup

- loggerhead sea turtle count down

- cranes killed by tornado (Chassahowitzka)

- Bitterroot Bill (Lee Metcalf)

- Kenai – award for hunter education

- Diane Borden-Billiot – outstanding women in southeast

- National Bison Range award for *Buffalo Country*

20 – Wildlife cooperatives – Larry Williams

21 – Hawk observation tower – Santa Ana

24 – Monomoy land bridge

January – February 2007

1 - Conservation Planning Awards – Upper Mississippi Refuge (best support of Refuge planning), Rocky Flats Refuge (outstanding plan), Barry Brady (outstanding planning staff)

3 - Auklets on Farallon Islands

4 – NASCC – Little Pend Oreille, Gulf Coast Recovery Corps

5 – Rare bees in South Carolina – Carolina Sandhills

6 – Get Fit Great Falls – Benton Lake Refuge

7 – Cooperative Conservation at Pearl Harbor Refuge – Barbers Point Naval Air Station

8 – Zeeger de Wilde – Blackwater Refuge volunteer (MD)

9 – Environmental Education - STOKED, Prairie Wetlands sod theatre, migration stewardship at Aransas, National Elk EE

FOCUS ENGAGING THE NEXT GENERATION

10 – ALDP

12 – SCEP – Bruce Butler

13 – YCC – Sarah Dawsey, Leticia Handy

- 14 – Scholars – Angie Battazzo, David Jachowski (Disney),
- 16 - Kassandra Cerveney (Sunia), Sara Ford (intern)
- 18 – Teaching the teachers – Heinz, Sevilleta, Patuxent
- 18 – Rebecca Halbe

AROUND THE REFUGE SYSTEM

- Preserve America Grants honored by Advisory Council on Historic Preservation
 - Pink sand verbena discoveries at Leadbetter Refuge
 - Search and rescue at National Elk – Amanda Soliday
 - Expansion of Rocky Mt Arsenal, Detroit River International Wildlife Refuge
 - Blackwater = Rand McNally Best of the Road
 - Okefenokee records transferred to NCTC archive
 - Duck Stamp winner Richard Clifton
- 23 – Seal Beach Refuge (CA) – Hog Island restoration
 - 24 – Wilderness Training (Sam Hamilton)
 - 25 – Meet Charles Rodgers, Yukon Delta airplane mechanic
 - 26- Lower Rio Grande water delivery system – (Monica Monk)
 - 28 – Bird call – chickadee in Arctic Refuge; Kittlitz’s murrelet nest in Kodiak Refuge

November –December 2006

- 1 - Bonnie Swarbrick (Buenos Aires Refuge) bobwhite painting
- 1 - Standardized design
- 3: Least Bell’s vireo
- 4: Lower Delta Tourism
- 5: Oceans
- 6: Volunteers
- 7: Katrina Cleanup
- 8: Upper Mississippi CCP

FOCUS ENDANGERED SPECIES

- Overview
 - Kirtland’s Warbler
 - Attwater Chicken
 - Lake Wales
 - MSCP – Multi-Species Conservation Plan
 - Microfauna – mussels Ohio River, harvest mouse
 - Turtles
 - White tailed deer
 - Sonoran pronghorn
 - Ash Meadows
- 24: Sense of Wonder - Sherry James, Rocky Mt Arsenal
 - 24 – Shorebird workshop at Big Stone and Morris WMD and Waubay Refuge
 - 25 - Alternative Transportation – Patuxent, Santa Ana trams; Ding Darling planning
 - 28 – Green Building awards – Missisquoi, RI Refuge and Kettle Pond

AROUND THE REFUGE SYSTEM

- Kenai plane stuck
- Montezuma dance program

- Girl Scouts blue goose in South Dakota
- Richard and Sigurd Bjorklund in Illinois
- Hydrilla on Noxubee
- Bonnie Swarbrick award
- Bill McDermith obit
- Best Practices for Boundary Making

September -October 2006

1 - New Policies

3 – Abnormal frogs

4 – Heavy equipment

5 - Birding Initiative

6 - Kennedy Space Center bird abatement

7 – Hawaii – new national marine monument

8 - Gwich'in brochures

9 – NAWCA grants

9 – Congressional caucus launched

FOCUS FARM BILL

- Reauthorization
- Glossary
- Conservation Initiatives
- planning
- Partners
- Tallahatchee
- CEAP

18 - Bombs to Bison – Lost Mound/Upper Mississippi Refuge

19 - Pride Awards – Roy Lowe, Mgr; Southern Nevada Interagency volunteer Program; Lauren Gibler (Deer Flat Refuge)

20 – National Wildlife Refuge Week (Lake Ilo, ND; Reelfoot, TN, Trinity River, TX;

21 - Salt marsh dieback (New England) – Rachel Carson Refuge

22 – Togiak salmon camera

23 - Walsh Ditch Fire Reunion – Seney Refuge

AROUND THE REFUGE SYSTEM

- Firefighter training at Sheldon Refuge (NV)
- Blackbeard Island – more loggerheads nesting
- Riparian restoration at Sacramento Bay Refuge
- 3rd Refuge system DVD
- Night fishing at DeSoto Refuge (IA)
- Global ReLeaf – Lower Rio Grande, Flint Hills

26 - Feral Cats – Kauai, San Francisco Bay

27: New headquarters – Ohio River Islands, Middle Mississippi, Guam

28: Ding Darling cartoons

July - August 2006

1 – Rocky Mountain Arsenal clean up

3 – Avian influenza

4 – Biological Monitoring Team

5 – Awards

- Environmental Leadership-Mike Granger, Jim Burkhart
- Cooperative Conservation - Cathlapotle, Bahia Grande Restoration

AROUND THE REFUGE SYSTEM

- Tualatin open for public use
- Pelicans at Chase Lake returning
- John Taylor memorial at Bosque
- Whooping cranes at Patuxent (MD) and Necedah Refuges (WI)
- Brian McManus new fire chief
- Muscatatuck Photography Club (IN)

8 – Mercury at Lostwood Refuge (ND)

9 – Desert Bighorns

FOCUS TRANSPORTATION

- Oregon Coast Refuge activities
- Access for people amid wildlife (TEA-21)
- Recreation Trail Program
- Scenic byways
- FICMNEW
- Restoring habitat by building roads – Laguna Atascosa

19 – Hanford Reach service learning *Ron Crouse* (OR)

20 – Land acquisition Eastern Shore Refuge

21 – Volunteer RVer Betty Mulcahy

22 – Florida panther

23 – Girl Scouts at Waubay Refuge (SD)

24 – Endangered bats – Great Swamp, Willapa, Ozark Plateau

26 – Koyukuk archaeology (Daniel Odess, Debra Corbett)

28 – Bill Hartwig retires

May - June 2006

1 – Avian flu

3 – Crime at Buenos Aires...immigration

4 – Laysan albatross transfer

4 – Blackwater Refuge development

6 – Heavy equipment management system (national coordinator)

7 – Bon Secour open after Katrina

8 – Great Plains Trail of Oklahoma

8 – Alan Peck mushing on serum run

FOCUS ON ANTIQUITIES

- The Other Lacey Act
- Fort Ruby
- 12 – research at National Elk Refuge Goetz site
- 12 – cane grinding at Okefenokee
- 14 – Palmito Ranch Battlefield/Lower Rio Grande Valley Refuge
- 14 – Sweet's Cabin – Mingo Refuge (*Virgil Harp*)
- 16 – law enforcement – illegal treasure at Key West Refuge /Marquesas Keys

AROUND THE REFUGE SYSTEM

- Canoes stolen in Oregon
- Interpretive signs on North Carolina ferries

- Humpback whale at Cape Island, SC
- Natural Resources Award to Arrowwood Refuge, ND
- Reading at the Refuge at Deer Flat Refuge (ID)
- Honors to Eugene Marino, Doug Vandegraft

20 – Archery – Deep Fork and Cape Romain/Bulls Island

21 – Kodiak refugium (*Stacy Studebaker*)

22 – Salmon camp – Kodiak (*Tina Shaw*)

22 – Phosphorescent Bay Vieques Refuge (PR)

24 – Students tracking caribou at Selawik

March - April 2006

1 – Farm Bill overview

3 – Ottawa Refuge beneficiary of record energy company fine

4 – Maximo software

4 – Ivory-billed woodpecker search

6 – Russian-American project with salamanders *Ken Clarkson*

6 – Pelican Island restoration in Florida

8 – Alaska Friends organize *Maeve Taylor*

9 – Wildfire tool for wildlife management *Karen Murphy*

FOCUS POLLINATORS

- 10 - Why should we care (*Bob Adamcik, Mike Higgins*)
- 10 - North American Pollinator Protection Campaign (*Kim Winter*)
- 12 - Buenos Aires corridor (*Bonnie Swarbrick*)
- 12 - Orchids (*Larry Richardson*)
- 14 - Prairie pollinators (*Scott Ford, Pauline Drobney*)
- 14 - Honeybees (*James Cane*)
- 16 - Pollinator friendly practices

18 – Yu’pik storytellers at Yukon Delta – waterfowl history

AROUND THE REFUGE SYSTEM

- Record numbers of Laysan albatross at Midway
- Rainwater Basin harvesting native grass seed
- Nell Ruth Newkirk – White River Refuge – in memoriam
- Moose-vehicle collisions in Alaska
- Highway crossings for Florida panthers
- Moose population dropping at Agassiz Refuge
- Bald eagles at Upper Miss

21 – Environmental achievement awards to Kanuti, Brazoria, Sachuest Point

22 – Lava tubes in Hawaii

23 – Awards

- Glenn Carowan Refuge Manager of the year
- John Schomaker employee of the year
- Tim Anderson Volunteer
- Friends of Great Swamp Friends of the Year

24 – Okefenokee land transfer from DuPont (*Shawn Gillette*)

25 – Second refuge DVD available

January - February 2006

1 – Toxic cleanup at Sabine

- 3 – New arthropod (daddy long legs) at Kenai
- 4 – Strategic thinking at regional Friends workshops
- 5 – State wildlife plans
- 6 – Wilderness Inquiry

AROUND THE REFUGE SYSTEM

- Moosehorn Refuge landowner of the year in Maine
 - Improved database for Steller's eider at Izembek
 - New observation tower at Imperial Refuge, AZ
 - Greater Okefenokee Association of Landowners (GOAL) given Pulaski award for excellence in firefighting
 - American avocet seen for first time in Hawaii at Kealia Pond
 - Polar bear safety posters Arctic Refuge
 - 1,000 eagles at Klamath Basin Refuge (OR)
- 9 – Children's author Sneed Collard – Neal Smith Refuge (IA)

FOCUS INCIDENT COMMAND

- 10 – history *Art Latterell*
 - 10 – Mobilization *Rod Bloms*
 - 12 – ICS in action *Bill MOlumbo*
 - 12 – learning how it works *Kevin Conn*
- 14 – World Wilderness Congress *Nancy Roeper*
- 15 – Managing Wilderness Charles M Russell *Steve Henry*
- 16 – Marine Wilderness *Nancy Roeper*
- 18 – Mottled ducks McFadden, Anahuac
- 19 – Wounding loss
- 20 – Jerry Stroebele – mushing and retiring
- 21 – Yauhannah Bluff – Waccamaw Refuge, (SC) *Marshall Craig Sasser*
- 22 – Maine Salt Marsh

November - December 2005

- 1 – Mark Chase Refuge Law Enforcement Chief
- 3 – Pride awards –
- Mark Musaus, Friends of Anahuac
 - Texas Master Naturalists
 - Southern Nevada Interagency Volunteer program
- 4 – Highways and wildlife
- 5 – Disney scholars (Tandi Perkins – sandhill cranes; Michael Anguiano – kingsnake)
- 6 – AROUND THE REFUGE SYSTEM
- North Dakota – Devils Lake WMD - purebred bison
 - Oklahoma – Tishomingo - alligator snapping turtles
 - Maine – Moosehorn eagle hatchlings
 - Alaska – Tetlin - caribou banding
 - Nevada – Ash Meadows - Jack Longstreet cabin
 - Pacific Islands – Midway Atoll - *Casitas* shipwreck
 - Virginia – Back Bay - sea turtle hatchlings
- 8 – Katrina diary
- 10 – FOCUS ON REACHING YOUTH
- Hanford Reach (*Ron Crouse*)
 - Arts on the Refuge – poetry (Bosque del Apache Refuge)

- Salmon camp – Togiak (*Allen Miller*)
- Earth Day program – Roanoke River (*Sandy Edmondson*)

16 – Sense of Wonder – Poppy Benson

17 – Nisqually estuary restoration

18 – Chase Lake pelicans

19 – Bulls Island reunion – Burkett Neely and Warren Parker

20 – Fire education – Tetlin *Mary Kwar*

September - October 2005

1 – Banking on Nature

3 – Rita/Katrina destruction

4 – Rhode Island/Kettle Pond Visitor Center = federal energy showcase

5 – Breton Refuge (LA) oil spill – pelicans

AROUND THE REFUGE SYSTEM

- Laysan ducks thriving at Midway
- Deeprooted sedge invasive in Texas
- Step Outside Day for people with disabilities at Sherburne Refuge Complex
- Bat house Univ of Florida and Lower Suwannee
- Eco-tourism award to Edwin J. Forsythe
- Pea Island celebrates Deaf Awareness Week – tips for accessibility by hearing impaired

8 - “*Age of Restoration*” Will be Hallmark of this Century by Mendel Stewart

8 – GPS mapping technology to fight invasives – training volunteers at Cache River

FOCUS – COMPREHENSIVE CONSERVATION PLANNING (CCP)

- 10 - Refuge Managers hold key to success *Rick Schultz*
- 10 – “Steady in the Storm” about Don Hultman *Dan Simmons, La Cross Tribune*
- 12 – Awards for excellence – Richard Schroeder (USGS), Nisqually (outstanding planning); John Schomaker Great Lakes Region (planning staff)
- 12 – Refuge managers survey *John Schomaker*

14 – Minnesota Valley BioBlitz *Scott Flaherty* – tips on conducting a BioBlitz

16 – Least Bell’s Vireos appearing at San Joaquin *Kim Forrest*

18 – Assabet River – active Friends group

20 – Florida Panther Refuge opens to the public

22 – Largemouth bass at Big Muddy *Tim Haller*

23 – Condor egg switch at Hopper Mountain Refuge - *Denise Stockton*

24 – new wolf litter at St Vincent Refuge

July - August 2005

1 – Ivory billed woodpecker – rediscovery at Cache River Refuge (AR)

3 – New fishing guide

4 – Kauai Albatross Chicks

5 – Half-millionth acre acquired for refuges in Northeast

6 – Rocky Mountain Bighorn Sheep on Charles M. Russell Refuge (MT)

6 – Dick Gilbert – Bill Williams River Refuge – Legend Award

7 – Orphan fruit bat released on Guam

FOCUS TRAILS

- 8 – Anhuac Trails network *Andy Loranger*
- 10 – bog boardwalk in Silvio O Conte, NH *Holly Gaboriault*
- 10 – 2,500 miles of trails in Refuge system

- 12 – Great Meadows volunteers build trails
- 14 – Tamarac Refuge showcases Native Am traditions

AROUND THE REFUGE SYSTEM

- Tualatin Songbird festival
 - Turkey hunts Minnesota Valley and Deep Fork
 - Pea Island virtual online education program
 - Yukon Delta collared moose in Kwethluk Moose Project
 - Pelican Island Elem School visits Pelican Island; college students at St Marks
 - Salt Plains Refuge students petition for selenite crystal to be state crystal
 - Willapa volunteers attack invasive gorse
 - Sierra Club volunteers at Buenos Aires R Refuge
- 20 – Skippy Reeves retires from Okefenokee
- 21 – Hopper Mt Refuge (CA) hosted Japan's white crested ibis recovery team
- 22 – Secy Norton visits Blackwater Refuge
- 23 – Coral Reef scholars Kassandra Cerveny, Tiffany Robinson

May - June 2005

- 1 – Acres for America – Catahoula Refuge /National Fish and Wildlife Foundation/Wal-Mart
- 3 – New Friends organizations – Louisiana, Idaho (Friends resources, page 20)
- 4 – Yukon Delta Shorebird research
- 4 – Trilateral Protected Areas Managers Workshop
- 6 – AROUND THE REFUGE SYSTEM
- Paul Gleason Lead by Example Award
 - New trails at Assabet River Refuge (MA)
 - Migratory Bird Conservation Commission grants – Black Bayou; Silvio O. Conte, Trinity River
 - Historic resource preservation Web site
 - Marquesas Keys sentencing
 - Dinosaur discoveries at Charles M Russell
 - Togiak walrus float in Dillingham parade

FOCUS PHOTOGRAPHY

- 8 – images that speak *Larry Richardson*
 - 10 – focal point for Friends groups *Bill Buchanan*
 - 12 – NANPA – North Am Nature Photography Association *Jane Kinne*
 - 13 – Bear River photographic blind
 - 14 – New photo contest, Black Bayou *Charles H. Heck*
- 15 – Holt Collier honored at Yazoo
- 16 – Student Conservation Association *Rebecca Robertson*
- 17 – David Sibley remarks during National Wildlife Refuge Week 2004
- 18 – Spanish appears across the Refuge System
- 21 – Steamboat Bertrand – DeSoto Refuge *Jennifer Stafford*
- 22 – International partnerships at Balcones Canyonlands Refuge

March – April 2005

- 1 – Visitor satisfaction survey
- 3 – Honors – Roy Lowe, Refuge Manager of the year; Laura Brandt, employee of the year, Ervin Davis of National Bison Range, volunteer; Friends of Black Bayou
- 4 – Prisoners planting seeds at Big Stone Refuge *Kim Bousquet*
- 4 – Loretta Beaumont on tight financial times, priority visitor centers

6 – Around the Refuge system

- Northern owls increasing – Rice Lake, Agassiz
- Hotspots for birding in Texas – Santa Ana, Lower Rio Grande
- Togiak – walrus and Stellar sea lions increasing
- Habitat restoration – checker-mallow at Baskett Slough
- Eagles counted at Blackwater
- Red-cockaded woodpecker at Okefenokee
- New overlook/kiosk at Walla Walla River Valley –McNary
- Yukon Delta – video conferencing for schools
- Students remove Chinese tallow from Lacassine
- Izembek Refuge (AK) – new refuge manager Sandra Siekaniec
- In memoriam – Jack Waddell

8 – Anna Toness Master Naturalist Initiative

FOCUS HABITAT MANAGEMENT

- 10 - Land management challenges *Bob Adamcik*
- 10 - Tamaulipan Scrubland restoration at Lower Rio Grand *Chris Best*
- 12 – HMPs *Janith Taylor*
- 12 - Riparian restoration San Joaquin River *Kim Forrest*
- 14 - Reducing fire risk to benefit wildlife *Jenny Niemeyer*
- 16 - Bear River Migratory Bird Refuge HMP *Bridget Olson*
- 18 - Mississippi Roosevelt Refuge Complex – restored forests *Raye Nilius*
- 18 - Fulfilling the Promise on Habitat Management *Larry Williams*
- 20 – Caribbean Islands Refuge – restoring variable water levels *Stephen Earson*

22 – Bull Island archery hunt

24 – Duck Stamp

24 – Leatherback turtles Sandy Point Refuge, VI

26 – Malheur archaeologist breaks crime ring – Carla Burnside *Steve Farrell*

26 – Prairie restoration Baskett Slough *Karen Viste-Sparkman*

27 – National Fishing and Boating Week/National Fishing Guide

28 – Habitat management training available on the web

January – February 2005

1 – Refuge System future – habitat management tools

3 – Awards

- Friends of the Year – Friends of Black Bayou (LA)
- Volunteer of the year - Ervin Davis

4 – Growth of Refuge System

AROUND THE REFUGE SYSTEM

- John Schroer retires as manager of Chincoteague; Refuge manager of the year
- Elk and antlers excavated from wetland impoundment on Iroquois Refuge
- Laysan albatross nests counted amid gale-force winds in Dec 2004
- Wild hydra found for first time in Brazoria Refuge
- Hamden Slough Refuge = Important Bird Area by Audubon Society Minnesota

6 – Centennial Scholarships

7 –Selendang Ayu oil spill

8 – 17 FOCUS ON SCIENCE IN THE REFUGES

- Overview *Dan Ashe*
- Coral reef research
- Back from the brink of extinction – Aleutian cackling goose *Poppy Benson*
- Predator control raises piping plover numbers *Amanda Avery Chincoteague*
- Understanding Sage-Grouse habitat *Susan Saul* Hart Mountain Refuge
- Ptarmigan – Alaska Maritime Refuge
- Land Management Research and Demonstration Refuges (LRMD) *Janith Taylor* Hanford Reach Natl Monument, Bosque del Apache, National Elk, Rachel Carson, Neil Smith, Parker River

19 – Canada thistle *Scott Flaherty* Neal Smith, Fergus Falls – Morris – Litchfield WMD

20 - Blackwater Refuge is tourism hot spot

22 – Sights and sounds of the refuge system – Refuge system DVDs *David Klinger*

22 – Saving the sparrows – Rachel Carson, Stewart B. McKinney Refuge

24 – Friends groups grow by 6%

24 – Parker River – National Energy Award

26 – Whooping cranes – Aransas Refuge, Patuxent, Chassahowitzka, Necedah

27 – The Nature Conservancy – National Land Protection Award 2004

28 – “Sea and Enjoy” is message to travelers – Bayou Cocodrie Refuge

November - December 2004

1 – Glacial Ridge Refuge joins system

3 – In the eye of the storm *Jereme Phillips* – Hurricane Ivan, Bon Secour

4 – Refuge Awards – David Sibley, Martin Macdonald, Dr Leigh Frederickson, Rep Jim Saxton

5 – Ecology of human history *Jay Banta* Fish Springs Refuge

5 – 2005 Friends Conference

6 – Cactus moth infestation at Cape Romain Refuge

6 – Sound safari for visually impaired at Minidoka Refuge

8 – 19 FOCUS ON WATER

- Got water? *John Trawicki*
- South Texas Refuges battle drought *James Broska*
- Water resource challenges in urban setting – *Tim Mayer* Kealia Pond Refuge
- Historical fight for water rights (Brice McBride hydraulic engineer) *Megan Estep, Cheryl Willis*
- Stream gauging in Alaska *Erik Tomsen*
- Conserving freshwater mussels in Ohio River Refuge
- Sono Bono Salton Sea Refuge (CA) *Chris Schoneman* California’s largest lake
- Wetlands – Bear River Bay of Great Salt Lake (UT)
- Refuge water quality central to Everglades – Loxahatchee (FL)

20 – Delaware Dept of Corrections workers at Prime Hook (DE)

21 – Nesting habitat restored for threatened snowy plover – Willapa Refuge *Susan Saul*

22 – Vegetation mapping at Canaan Valley (WV)

24 – Endangered Laysan Ducks find new home in Midway Atoll

September - October 2004

1 – Conservation in Action theme National Wildlife Refuge Week

- 3 – Centennial Breton Refuge 92nd oldest)
- 4 – Brad Knudsen, Patuxent Refuge manager, Take Pride in America Federal Land manager award
- 5 – C.S. Johnson’s reports about Seney Refuge (MI)
- 6 - AROUND THE REFUGE SYSTEM
 - Wildlife biologists discover endangered salt marsh voles at Lower Suwanee Refuge
 - Ron Fowler – 40 years with FWS; Coordinator of Land Acquisition Priority System
 - Migratory Bird Conservation Commission approvals
 - Patrick Carroll – Rudolph Dieffenbach Award
- 7 – SEWEE Center at Waccamaw Refuge (South Eastern Wildlife Environmental Education Association)
- 8 – 15 FOCUS ON HUNTING
 - Hunters are early advocates of Refuge system *Matt Hogan*
 - Disabled hunt – Ace Basin
 - Earn a Buck increases doe harvest – Great Swamp *Craig Bitler*
 - Big game hunting tradition at Charles M Russell
 - Taking the hunting message to the public *Andrea Stewart*
 - Spring brings first taste of meat to Alaska Natives *Mike Rearden*
- 16 – Prairie Science class celebrates year of learning – Prairie Wetlands Learning Center
- 17 – Texas brochures on native flowers of Rio Grande Valley - South Texas Refuges
- 18 – Wilderness Act signed in 1964
- 19 – Great Swamp first designated wilderness in 1968

July - August 2004

- 1 – Shared priorities from Conservation in Action Summit
- 3 – Public comment on Bison Range Agreement
- 3 – Agreement with Tribal consortium at Yukon Flats Refuge
- 4 – Chase Lake probes pelican exodus
- 4 – Restoration of First Bank of White Bluffs at Hanford Reach National Monument
- 5 – John Magera – Middle Mississippi Refuge manager – archer in summer Olympics
- 6 – Angela Tracy, Chincoteague recreation planner – Legends award
- 7 AROUND THE REFUGE SYSTEM
 - Nest count of royal terns in region 6
 - Red wolves breeding at Cape Romain Refuge (SC)
 - Blackwater – environmental award from Shore Leadership Alumni Assoc
 - Ed Britton, Upper Miss, DOI Superior Service Award for work on Lost Mound
 - Aurora Firth – junior duck stamp winner
- 8 – Hokule’a voyages through Hawaiian Islands Refuge
- 10 – 17 FOCUS ON FIRE MANAGEMENT
 - Overview *Phil Street*
 - Reclaiming the Rio Grande – Bosque del Apache *Jesse Stanley*
 - Alaskan village reduces risk of wildland fire, Kanuti *Jody DeMeyere*
 - Partnership forged by fire – Okefenokee *Shawn Gillette*
 - Wildland Urban Interface *George O’Shea* Prime Hook, Great Dismal Swamp
 - Wildlife in Wilderness *Karen Miranda Gleason* Red Rock Lakes
 - Vegetation monitoring supports fire program –*Jeanne Holler* Sherburne Refuge

- Fire resurrects Oregon's prairies *Brian Gales, Susan Saul* – Baskett Slough, William L. Finley

18 – Cahaba Refuge dedicated

19 – Circle of Trees marks Millennium at Pocosin Lakes Refuge

20 – Talking to George Bush *Ward Feurt* – Wells National Estuarine Research Reserve

20 – Muscatuck Friends Learning Center dedicated

21 – First Friends group incorporated in Montana – Lee Metcalf

21 – Alaska Marine highway – tours on Tustumena ferry to Alaska Maritime Refuge *Doug Stuart*

23 – Florida National Scenic trail extended in St Mark's Refuge

May - June 2004

1 – Rocky Mt Arsenal formally transferred

3 – Caddo Lake Refuge acquires land

3 – Blue Goose logo selected again

4 – Recreation Fees – how they are used at Loxahatchee Refuge

6 – Habitat restoration at Great Swamp Refuge

7 – AROUND THE REFUGE SYSTEM

- Fender's blue butterfly – Baskette Slough Refuge
- Great Dismal Swamp Important Bird Area by Virginia Audubon Council
- Mark McGee Refuge Officer of the Year – Chincoteague
- Goose Days Festival – Camas Refuge
- Ice sculpted blue goose at Arctic, Kanuit, Yukon Flats

8 – 13 FOCUS ON CULTURAL RESOURCES

- Sunken Treasure at DeSoto – *Jennifer Stafford*
- Lewis and Clark – Chinookan plankhouse
- Restored Ranch at Malheur – *Susan Saul*
- Patuxent Wildlife research, conservation *Denise Tammany*

14 – Regional Friends workshops

15 – Ambassador program at Santa Ana Refuge

16 – Lewis and Clark Trail of Discovery on Big Muddy

16 – BayScaping at Eastern Neck Refuge

18 – John Harris – Engineer of the year, Alaska Maritime Refuge

19 – Updating fishing guide

19 – Trout swimming again in Necedah Refuge

20 – Waterfowl back in Kern Refuge

March – April 2004

1 – Conservation in Action Summit

3 – New refuges – Theodore Roosevelt Refuge, Holt Collier Refuge

4 – Edwin Drum Drummond – maintenance foreman Wichita Mountains Refuge (OK)

5 – Awards –

- John Taylor, Bosque del Apache – Employee of the year
- Mike Bryant – Refuge manager of the year, Alligator River Refuge
- Ken and Darlene Fiske Volunteer of the year – Ding Darling and Maui
- Chincoteague Natural History Association (VA)– Friends Group of the Year

6 – Grand Excursion Flotilla 2004 – Upper Mississippi Refuge

7 – Removing fence at Buenos Aires Refuge

7 – AROUND THE REFUGE SYSTEM

- Tidal marsh restoration at Oregon Coast Refuge
- Havasu Refuge – Little Greenhouse project for students to plant trees

8-13 FOCUS ON CONSERVATION SUMMIT

- Five teams central to summit – science, wildlife dependent recreation, wildlife habitat, strategic growth, leadership
- Effectiveness of Refuge system
- New century of conservation challenges *Evan Hirsche*
- Partnerships *Marge Kolar*
- Achievements, anticipating future *Kathleen Maycroft*
- Dynamic Start to Shared priorities *Mark Musaus*

14 - Bass Pro Partnership *Steve Farrell*

15 – Studies – herons (Missisquoi), bog turtles (Walkill River)

16 – MBNA donates \$200,000

16 – Sonoran pronghorn captive breeding program – Cabeza Prieta Refuge

17 – Habitat trunks – Audubon Refuge, North Dakota Outreach Team

18 – “Let’s Build a Refuge” – Detroit River International Refuge

18 – Prairie Wetlands Learning Center – Fergus Falls, MN

19 – Thoughts of a Detailee *Kate Vaughan*, Patuxent

19 – Boyer Chute Refuge– floodplain restoration

January – February 2004

1 – Smithsonian Museum exhibit

3 – Conservation in Action Summit Advance

4 – Refuges reach out to handicapped – Bombay Hook, Prime Hook, Shiawassee

4 – Refuge outreach touches new audiences (slides in movie theatres) – *Jeanne Clark* San Diego, Tijuana Slough

6 – Refuge Road to Freedom – Great Dismal Swamp designated Underground Railroad Network

7 - Around the Refuge System

- Wetland restoration for Centennial – 3,000 new acres
- Big Muddy receives pin oak saplings from Living Lands and Waters
- Las Vegas Refuge – Sunday visitors up

7 – Tundra Swan saved from fall into oil impoundment at Prudhoe Bay – Eastern Neck Refuge

8 – 11 FOCUS ON REFUGE FRIENDS

- Overview of Friends – Friends of Willapa, Upper Miss, Squaw Creek, Friends of the Wichitas
- Refuge mentoring – Don Edwards, Tualatin River, Ridgefield, Blackwater, Noxubee, Kofa
- Friends of Minnesota Valley – guided van tours with Friends guides
- Friends Grants reach \$1 million – Eastern Neck, Buenos Aires, DeSoto, Laguna Atascosa, Noxubee, San Pablo Bay, Wertheim

12 – Sustainable Design *Alison Penn and Kelly Chase* – Chincoteague opens visitor Center

12 – Price of conservation – Morris Wetland Management District – school fundraiser

14 – Retirees: Jim Tisdale; Vicki Grafe, Ron Bisbee, Ralph Keel

15 – Realty awards –

- Richard Johnson (Dieffenbach),
- HAPET – Land Legacy Award;
- Brad Meiklejohn National Land Protection Award

16 – Globally Important Bird Areas – 1/3 on Refuges

16 – Memorial to Rich Guadagno (9/11 victim)

17 – Wood storks thrive at Harris Neck

18 – Sacramento Refuge project with second graders...Chico's Wetlands Project – Take Pride in America award

19 – Sense of Wonder – Mary Timm, Tetlin Refuge

20 – Victories in the nutria battle *Kathy Reshetiloff*