

Refuge Update Article Index

Use the "Find" function on your browser to search the index by topic, refuge name or article author.

Focus

Jan – Feb 04	Refuge Friends
Mar – Apr 04	Conservation Summit
May-Jun 04	Cultural Resources
Jul Aug 04	Fire Management
Sept Oct 04	Hunting
Nov Dec 04	Water
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Mar – Apr 05	Habitat Management
May – June 05	Nature Photography
Jul – Aug 05	Trails and Wildlife
Sept – Oct 05	Comprehensive Conservation Planning
Nov – Dec 05	Reaching Youth (environmental education)
+++++++	
Jan – Feb 06	Incident Command
Mar – Apr 06	Pollinators
May – June 06	Antiquities/Cultural resources
July – Aug 06	Transportation
Sept – Oct 06	Farm Bill
Nov- Dec 06	Endangered Species
+++++++	
Jan – Feb 07	Engaging the Next Generation
Mar – Apr 07	Fish Habitat and Conservation
May – Jun 07	Urban Refuges
Jul-Aug 07	Law Enforcement
Sept-Oct 07	Refuge Improvement Act
Nov – Dec 07	A River Runs Through It
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Jan – Feb 08	Contaminants
Mar-Apr 08	Birding
May-Jun 08	Look into the Eyes of Children
Jul-Aug 08	Strategic habitat conservation
Sept-Oct 08	Refuge System Wetlands
Nov-Dec 08	International Conservation
+++++++	
Jan-Feb 09	Research
Mar-Apr 09	Climate Change
May-Jun 09	Knowledge-Skills-Abilities
Jul-Aug 09	no focus
Sept-Oct 09	Refuges as Ambassadors
Nov-Dec 09	Stories of Hope

FOCUS (continued)

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Jan-Feb 10 Citizen Science
Mar-Apr 10 Maintenance
May-June 10 Marine National Monuments
July-Aug 10 Tomorrow's Conservation Leaders
Sept-Oct 10 Energy Conservation
Nov-Dec 10 Celebrating Alaska [30th anniv ANILCA; 50th Arctic, Izembek]

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Jan-Feb 11 *Conserving the Future*, Honoring the Past
Mar-Apr 11 *Conserving the Future*, People to People
May-June 11 *Conserving the Future*, People to Land
July-Aug 11 *Conserving the Future*, conference special issue
Sept-Oct 11 *Conserving the Future*, the Conference
Nov-Dec 11 Wildlife Biology in the 21st Century

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Jan-Feb 12 Implementing the Vision
Mar-Apr 12 All Things That Fly
May-June 12 Recreation on Refuges

Jan – Feb 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*

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

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

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

Sept Oct 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

Nov Dec 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 Williss*
 - 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)
- 22 – Endangered Laysan Ducks find new home in Midway Atoll

Jan – Feb 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

Mar – Apr 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

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

Jul- 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

Sept-Oct 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

Nov-Dec 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*)

Jan-Feb 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 M Olumby*
 - 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

Mar-Apr 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

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

Jul-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 – Hartwig retires

Sept-Oct 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

Nov-Dec 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

Jan – Feb 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 Cerveny (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 Grand water delivery system – (Monica Monk)

28 – Bird call – chickadee in Arctic Refuge; Kittlitz’s murrelet nest in Kodiak REFUGE

Mar-Apr 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

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 – Bargaining in on the whooping crane – Aransas Refuge on River Explorer barge tour

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

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)

November-Dec 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
 - Selandang Ayu oil and soybean spill

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

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 Pfost*
- 24 – A Look Back: J. Clark Salyer

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 – Cap 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

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

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

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

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

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*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 Truetken*

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

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

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

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