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Department of Natural Resource Management


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1-2012

## Publications and Reports: Research and Extension 2011 Annual Summary

Department of Natural Resource Management, South Dakota State University

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# Publications and Reports Research and Extension 2011 ANNUAL SUMMARY



Department of Natural Resource Management  
College of Agriculture and Biological Sciences  
South Dakota State University

January, 2012

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## **Administration College of Agriculture and Biological Sciences**

**Dr. Barry Dunn  
Dean**

**Dr. Donald Marshall  
Associate Dean, Academic Programs**

**Dr. Daniel Scholl  
Director, South Dakota Agricultural Experiment Station  
Associate Dean, Research**

**Karla Trautman  
Associate Director, SDSU Cooperative Extension Service**

# Introduction

The Department of Natural Resource Management was created by the South Dakota Board of Regents in August of 2011. The new South Dakota State University (SDSU) department combines faculty and staff from several other (and one former) departments. Ecology and Environmental Science faculty members, previously with the Department of Biology and Microbiology, joined NRM. Range Science faculty members, previously in the Department of Animal and Range Sciences, also joined NRM, as did one faculty member from the former Department of Horticulture, Forestry, Landscape and Parks. The former Department of Wildlife and Fisheries Sciences was combined into NRM, while four of the five members of the Geographic Information Science Center of Excellence on the SDSU campus selected NRM as their promotion and tenure home. Finally, one ecologist from the Department of Plant Science selected a split appointment and thus is 0.25 FTE within NRM.

Substantial research efforts have long been part of all of these faculty members regardless of their home department. In addition, we hope that additional multidisciplinary research will be stimulated within the newly combined, larger department. Expertise within the new NRM department is quite broad.

One of the many benchmarks by which faculty member productivity can be assessed involves their record of publication. Such publications can take many forms, including peer-reviewed journal, book or book chapters, and Cooperative Extension Service publications. Defining peer-reviewed publications is always a challenge. We have selected to define peer-reviewed publications as those in journals included within the Web of Science Master Journal List (<http://ip-science.thomsonreuters.com/mjl/>), in addition to symposium proceedings that are truly peer-reviewed and published by our primary scientific societies.

Following are the lists of various publications from NRM faculty members and students during 2011. We included only those published in 2011, or accepted (in press) for publication. We attempt to provide open access to as many publications as possible on our departmental web site (<http://www.sdstate.edu/nrm/publications/index.cfm>). However, some journals have a policy against posting in some situations, and some require a time lag before reprints are posted. If you would like a copy of research papers not available on the web site, please contact the faculty member involved with the work. All theses and dissertations are also posted on this departmental web site.

Many of our research efforts are due to or enhanced by our extensive Adjunct Faculty Members. Most of these scientists hold a Ph.D., and most are employed by state and federal natural resource agencies, or by other universities. Currently, 34 individuals hold adjunct appointments within NRM (<http://www.sdstate.edu/nrm/people.cfm>). We sincerely appreciate and gratefully acknowledge the efforts of our adjunct scientists!

## Department of Natural Resource Management Faculty List December 2011

<i>Ecology and Environmental Science</i>		
Dr. Paul Johnson	Professor; 0.25 appointment in NRM; 0.75 in Plant Science	<a href="mailto:Paul.Johnson@sdstate.edu">Paul.Johnson@sdstate.edu</a>
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Dr. Gary Larson	Professor	<a href="mailto:Gary.Larson@sdstate.edu">Gary.Larson@sdstate.edu</a>
Dr. Tagir Gilmanov	Professor	<a href="mailto:Tagir.Gilmanov@sdstate.edu">Tagir.Gilmanov@sdstate.edu</a>
Dr. Nels Troelstrup, Jr.	Professor and Assistant Department Head	<a href="mailto:Nels.Troelstrup@sdstate.edu">Nels.Troelstrup@sdstate.edu</a>
Dr. Lan Xu	Associate Professor	<a href="mailto:Lan.Xu@sdstate.edu">Lan.Xu@sdstate.edu</a>
<i>Range Science</i>		
Dr. Roger Gates	Associate Professor	<a href="mailto:Roger.Gates@sdstate.edu">Roger.Gates@sdstate.edu</a>
Dr. Patricia Johnson	Professor	<a href="mailto:Patricia.Johnson@sdstate.edu">Patricia.Johnson@sdstate.edu</a>
Kyle Schell	Range Extension Field Specialist	<a href="mailto:Kyle.Schell@sdstate.edu">Kyle.Schell@sdstate.edu</a>
Dr. Alexander (Sandy) Smart	Professor	<a href="mailto:Alexander.Smart@sdstate.edu">Alexander.Smart@sdstate.edu</a>
<i>South Dakota Cooperative Fish and Wildlife Research Unit (U.S. Geological Survey)</i>		
Dr. Steven Chipps	Unit Leader and Professor	<a href="mailto:Steven.Chipps@sdstate.edu">Steven.Chipps@sdstate.edu</a>
Dr. Joshua Stafford	Assistant Unit Leader and Associate Professor	<a href="mailto:Joshua.Stafford@sdstate.edu">Joshua.Stafford@sdstate.edu</a>
Dr. Larry Gigliotti	Assistant Unit Leader and Assistant Professor	<a href="mailto:Larry.Gigliotti@sdstate.edu">Larry.Gigliotti@sdstate.edu</a>
<i>Wildlife and Fisheries Sciences</i>		
Dr. Katie Bertrand	Assistant Professor	<a href="mailto:Katie.Bertrand@sdstate.edu">Katie.Bertrand@sdstate.edu</a>
Dr. Michael Brown	Professor	<a href="mailto:Michael.Brown@sdstate.edu">Michael.Brown@sdstate.edu</a>
Dr. Charles Dieter	Professor	<a href="mailto:Charles.Dieter@sdstate.edu">Charles.Dieter@sdstate.edu</a>
Dr. Brian Graeb	Assistant Professor	<a href="mailto:Brian.Graeb@sdstate.edu">Brian.Graeb@sdstate.edu</a>
Dr. Daniel Hubbard	Professor	<a href="mailto:Daniel.Hubbard@sdstate.edu">Daniel.Hubbard@sdstate.edu</a>
Dr. Jonathan Jenks	Distinguished Professor, Graduate Program Coordinator	<a href="mailto:Jonathan.Jenks@sdstate.edu">Jonathan.Jenks@sdstate.edu</a>
Dr. Kent (KC) Jensen	Associate Professor	<a href="mailto:Kent.Jensen@sdstate.edu">Kent.Jensen@sdstate.edu</a>
Dr. Susan Rupp	Assistant Professor	<a href="mailto:Susan.Rupp@sdstate.edu">Susan.Rupp@sdstate.edu</a>
Dr. Melissa Wuellner	Assistant Professor	<a href="mailto:Melissa.Wuellner@sdstate.edu">Melissa.Wuellner@sdstate.edu</a>
<i>Department Head</i>		
Dr. David Willis	Distinguished Professor and Department Head	<a href="mailto:David.Willis@sdstate.edu">David.Willis@sdstate.edu</a>

## Department of Natural Resource Management Graduate Students January 2012

<b>Student Name</b>	<b>MS/PhD</b>	<b>Project Title</b>	<b>Funding Source</b>	<b>Advisor</b>
Baker, James	M.S. WFS	Common carp control methods and their applicability to eastern South Dakota lakes	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Brown
Barnes, Michael	Ph.D. WFS	Effects of probiotics on the immunology and hatchery performance of salmonids	Self support	Brown
Beasley, Bret	M.S. WFS	Above-ground food resources for sandhill cranes throughout the Intermountain West Corridor	U.S. Fish and Wildlife Service through the Science Support Partnership Program	Fredrickson
Bender, John	M.S. WFS	Developing sustainable harvest strategies for cellulose-based biofuels: The effect of intensity and season of harvest on wildlife and biomass production	SDGFP, National Fish and Wildlife Foundation, USDA Conservation Innovation Grant, and SDSU College of ABS	Rupp
Bhoir, Prajakta	M.S. WFS	Nutritional ecology of mountain lions	Self support	Jenks
Boyda, Eric	M.S. BIO	Evaluation of the reference unit method for herbaceous biomass estimation in grasslands	Self support	Xu
Breeggemann, Jason	Ph.D. WFS	Growth potential of walleye in Devils Lake, North Dakota	ND Game and Fish	Graeb
Burnette, Sarah	M.S. WFS	Saltcedar in the Great Plains: Seed ecology considerations	USGS SKEP student	Gates
Carroll, Benjamin	M.S. WFS	An analysis of small mammal populations across experimental biofuels plots in the Northern Great Plains	North Central SunGrant – a DOE earmarked fund	Rupp
Davis, Jacob	M.S. WFS	Contribution of naturally reproduced rainbow trout to the fishery in Deerfield Reservoir	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Willis
DeJong, Julie	Ph.D. WFS	An evaluation of the possible effects of climate change on North American duck egg metrics over the past 150 years	USFWS	Jensen, Higgins
Dembowski, Dan	Ph.D. WFS	Smallmouth bass and yellow perch interactions in eastern South Dakota glacial lakes	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Wuellner, Willis
Deslauriers, David	Ph.D. WFS	Development of a bioenergetics growth model for pallid sturgeon ( <i>Scaphirhynchus albus</i> ) larvae	U.S. Army Corp of Engineers	Chippis
Dierks, Andrew	M.S. WFS	Undecided	Undecided	Jensen
Dupey, Justin	M.S. WFS	Exotic invasive grasses in the Northern Great Plains: Management alternatives for control	USFWS	Jensen
Erickson, Lee	M.S. WFS	Avifauna of the EcoSun Prairie Farm	EcoSun Prairie Farms and the Sun Grant Center	W.C. Johnson, Jensen
Felts, Eli	M.S. WFS	Glacial relict fishes in springfed headwater streams of South Dakota's Sandhills region	SDGFP/State Wildlife Grant	Bertrand
Grey, Michael	Ph.D. WFS	Novel conversions of plant feedstuffs for commercial aquafeed applications	SD Soybean Research and Promotion Council	Brown
Grote, Jeff	M.S. WFS	Walleye stocking success in South Dakota natural lakes	SDGFP/USFWS Federal Aid in Sport	Wuellner

			Fish Restoration	
Haffley, Trenton	M.S. WFS	Movements, survival, and sightability of white-tailed deer in southeastern South Dakota	SDGFP	Jenks
Hayer, Cari-Ann	Ph.D. WFS	Distribution, reproduction, and potential impacts of newly invaded Asian carp in the James River, South Dakota	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Bertrand, Graeb
Henderson, Kjetil	M.S. WFS	Evaluating the value of the internet for the collection of scientific data (use, harvest and attitudes) from anglers	SD Game, Fish and Parks	Gigliotti
Hitt, Ashley	M.S. WFS	Wetland dynamics at Agassiz National Wildlife Refuge	US Fish and Wildlife Service	Jensen
Howell, Jessica	M.S. WFS	Asian carp larval fish dynamics in three Missouri River tributaries of eastern South Dakota	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Bertrand
Ims, Shannon	M.S. ARS	Effects of intensive early season grazing and patch-grazing on structural heterogeneity	USFWS Challenge Cost Share Grant	Smart
Janke, Adam	Ph.D. WFS	Evaluating wetland-ecosystem health in the prairie pothole region of South Dakota using real-time nutrient dynamics of waterbirds	USGS NPWRC & SDGFP/USFWS Federal Aid in Wildlife Restoration	Stafford
Juarez, Rebeca	M.S. WFS	Estimating population size of mountain lions using DNA markers	SDGFP	Jenks
Kaemingk, Mark	Ph.D. WFS	Abiotic and biotic influences on fish communities in Nebraska Sandhill lakes	Nebraska GPC/Federal Aid	Willis
Kafle, Arjun	M.S. BIO	Assessing the ecological status of wadeable streams using midge communities (Chironomidae) in the Northern Glaciated Plains Ecoregion	SDDENR/EPA	Troelstrup
Kant, Joanita	Ph.D. BIO	Levels of heavy metals in indigenous fruits traditionally used by Native Americans of the Pine Ridge Indian Reservation	National Science Foundation	Larson
Kaufman, Todd	M.S. WFS	Fish community ecology in northeastern South Dakota lakes	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Willis, Blackwell
Koehler, Christina	M.S. WFS	Heterogeneity: Utilizing patch grazing to improve bird habitat	AES Hatch, other	P. Johnson, Jensen
Krause, Jacob	M.S. WFS	Validation of regional reference sites and development of a biological monitoring tool kit for the Northern Glaciated Plains Ecoregion	SDDENR/EPA	Bertrand
Leisner, John	M.S. WFS	Ring-necked pheasant nesting ecology in eastern South Dakota	Self support	Willis
Letvin, Alexander	M.S. WFS	Potential for biotic impairment of sport fish population dynamics and food-web function in Eastern South Dakota resulting from common carp infestation	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Brown, Bertrand
Monteith, Kyle	M.S. WFS	Use of condensed tannin to deter browsing of white-tailed deer on soy beans	SD Game, Fish and Parks	Jenks
Nelson, Matthew	M.S. ARS	Patch-burn grazing to promote environmental sustainability	USDA-NCR-SARE	Smart
Orth, Mandy	M.S. BIO	Prairie grouse in eastern South Dakota	SD Game, Fish and Parks	Dieter

Oslund, Fred	M.S. WFS	The impact of wetland characteristics on waterfowl use in the Prairie Pothole Region 1989-2011	USFWS HAPET/Self Support (?)	Stafford, R. Johnson
Panning, Jessica	M.S. WFS	Evaluation of timber harvest on nongame bird abundance and diversity in Custer State Park, South Dakota	SD Game, Fish and Parks	Jensen
Pauly, Brian	M.S. BIO	Pheasant nesting in winter wheat fields in central South Dakota	SD Game, Fish and Parks	Dieter
Perkins, Tandi	Ph.D. WFS	The temporal and spatial distribution of Rocky Mountain population of Sandhill cranes in response to habitat conditions determined by climate, geomorphology, and land use on public and private land along an intermountain corridor	U.S. Fish and Wildlife Service through the Science Support Partnership Program	Fredrickson
Rapp, Tobias	Ph.D. WFS	Pallid sturgeon early life history	US Army Corps of Engineers	Graeb
Rigge, Matthew	M.S. BIO	Phenologic assessment of western South Dakota rangelands	USDA-CEAP	Smart
Schaffer, Brian	M.S. WFS	An evaluation of life history parameters and management of white-tailed deer in North Dakota	ND Game and Fish	Jenks
Sexton, Chad	M.S. WFS	Comprehensive dietary study of ungulates in the South Unit of Theodore Roosevelt National Park, North Dakota	National Park Service - Theodore Roosevelt National Park	Jenks
Shileny, Thomas	M.S. WFS	Dietary protein and lipid requirements for yellow perch	SD Soybean Research and Promotion Council	Brown
Sholly, James	M.S. WFS	Bathymetric and physical habitat mapping of eastern South Dakota lakes: Classification and prioritization for restoration activities	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Brown
Shotkoski, Kylee	M.S. BIO	The effect of captivity on red wolf ( <i>Canis rufus</i> ) behavioral patterns at the Great Plains Zoo in Sioux Falls, SD	Self support	Dieter
Sidie-Slettedahl, Anna	M.S. WFS	Evaluating use of autonomous recording units for monitoring yellow rails and other nocturnal wet meadow birds	U.S. Fish and Wildlife Service	Jensen
Simon, Bryan	M.S. BIO	Life history of wedgegrass in prairie wetlands	Sun Grant Center and EcoSun Prairie Farms	W.C. Johnson
Simpson, Benjamin	M.S. WFS	Estimating population size of deer in the Black Hills using randomized tessellation sampling	SD Game, Fish and Parks	Jenks
Smith, Joshua	Ph.D. WFS	Determining impacts of mountain lions on bighorn sheep and other prey sources in the Black Hills	SD Game, Fish and Parks	Jenks
Solem, Alex	M.S. WFS	Developing sustainable harvest strategies for cellulosic based ethanol: Harvest effects on game-bird production	SDGFP, National Fish and Wildlife Federation, and a USDA Conservation Innovation Grant (CIG)	Rupp
Sternhagen, Kristin	M.S. WFS	An evaluation of life history parameters and management of white-tailed deer in the Red River Management Area of eastern North Dakota	ND Game and Fish	Jenks
Stevens, Tanner	M.S. WFS	Channel catfish food habits and population dynamics in South Dakota impoundments	SDGFP/USFWS Federal Aid in Sport Fish Restoration	Graeb



Taecker, Chad	Ph.D. WFS	Mountain pine beetle ( <i>Dendroctonus ponderosae</i> ) effects on wildlife indicator species in the Black Hills of South Dakota	National Park Service	Jensen
Thiele, Jason	M.S. BIO	Burrowing owls in western South Dakota	SD Game, Fish and Parks	Dieter
Thul, Megan	M.S. WFS	Influence of reservoir productivity on food web structure and walleye stocking success in two South Dakota impoundments	SD Game, Fish and Parks	Chipps
Toy, Dustin	M.S. WFS	Gobbler survival of Merriam's turkeys in the Wyoming Black Hills	Wyoming Game and Fish Department, National Wild Turkey Federation, Bowhunters of Wyoming	Jensen
Vande Kamp, Kendall	M.S. BIO	Implications of best-management practices on channel evolution within the Bad River watershed: West central South Dakota	USDA CAEP Grant	Troelstrup
Volke, Malia	M.S. BIO	The ecological significance of cottonwood regeneration on the White River delta in South Dakota	SDSU Small Projects Grant and SD GF&P	W.C. Johnson
Von Eschen, Aaron	M.S. WFS	Performance of yellow perch fed diets containing graded levels of high-protein dried distillers grain with solubles	USDA-ARS	Brown
Warner, Cody	M.S. BIO	Canada geese in eastern South Dakota	SD Game, Fish and Parks	Dieter
Wells, Wendy	M.S. ARS	Monitoring techniques: Effectiveness and acceptability by Native American ranchers	USDA-NIFA Outreach and Assistance for Socially Disadvantaged Farmers & Ranchers Grant	P. Johnson, R. Gates
White, Joshua	M.S. WFS	Assessing effects of CRP grassland loss on abundance of ring-necked pheasants in South Dakota	SD Dept of Game, Fish and Parks/Federal Aid in Wildlife Restoration	Hubbard
Wilckens, David	M.S. WFS	Ecology of mountain lions ( <i>Puma concolor</i> ) in the North Dakota Badlands: Population dynamics and prey use	North Dakota Game and Fish Dept	Jenks
Williamson, Heidi	M.S. WFS	Survival, nest success and habitat selection of eastern wild turkeys introduced into eastern South Dakota	SD Game, Fish and Parks	Jensen

## Peer-reviewed Publications



## Undergraduate students in bold font

- Adams, B.M.**, K.N. Bertrand, M.L. Brown, and D. Auger. 2011. Genetic structure of grass carp populations in the Missouri and Mississippi River basins, USA. *The Prairie Naturalist* 43: 84-91.
- Anderson, W.F., R. N. Gates, and W. W. Hanna. 2011. Registration of 'TifQuik' bahiagrass. *Journal Plant Registrations* 5:147-150.
- Ayadi, F.Y., K. Muthukumarappan, K.A. Rosentrater, and M.L. Brown. 2011. Single screw extrusion processing of distillers dried grains with solubles (DDGS)-based yellow perch (*Perca flavescens*) feeds. *Cereal Chemistry* 88:179-188.
- Ayadi, F.Y., K.A. Rosentrater, K. Muthukumarappan, and M.L. Brown. 2011. Twin-screw extrusion processing of distillers grains with solubles (DDGS)-based yellow perch (*Perca flavescens*) feeds. *Food and Bioprocess Technology*. DOI 10.1007/s11947-011-0535-5.
- Ayadi, F.Y., K. Muthukumarappan, K.A. Rosentrater, and M.L. Brown. 2011. Twin-screw extrusion processing of rainbow trout (*Oncorhynchus mykiss*) feeds using various levels of corn-based distillers dried grains with solubles (DDGS). *Cereal Chemistry* 88:363-374.
- Bacula, T.D., B.G. Blackwell, and D.W. Willis. 2011. Seasonal sampling dynamics of smallmouth bass in northeastern South Dakota. *Journal of Freshwater Ecology* 26:345-356.
- Barnes, M.E., and M.L. Brown. 2011. A review of *Flavobacterium psychrophilum* biology, clinical signs, and bacterial cold water disease prevention and treatment. *The Open Fish Science Journal* 4:40-48.
- Barnes, M.E., M.L. Brown, and K.A. Rosentrater. In press. Juvenile rainbow trout responses to diets containing distillers dried grain with solubles, phytase, and amino acid supplements. *Journal of Animal Sciences*.
- Besser, T. E., M. Highland, K. Baker, E. F. Cassirer, N. J. Anderson, J. M. Ramsey, K. Mansfield, D. L. Bruning, P. Wolff, J. B. Smith, and J. A. Jenks. In press. A comparative study of the etiology of eight epizootics of bronchopneumonia affecting free-ranging bighorn sheep. *Emerging Infectious Diseases*.
- Csargo, I.J., S.R. Chipps, and M.L. Brown. In press. Application of a bioenergetics model for hatchery production: largemouth bass fed commercial diets. *North American Journal of Aquaculture*.
- Dassow, J., M.W. Eichholz, J.D. Stafford, and P.J. Weatherhead. In press. Increased nest defence of upland-nesting ducks in response to experimentally reduced risk of nest predation. *Journal of Avian Biology*. DOI: 10.1111/j.1600-048X.2011.05385.x
- Delger, J.A., K.L. Monteith, L.E. Schmitz, and J.A. Jenks. 2011. Preference of white-tailed deer for corn hybrids and agricultural husbandry practices during the growing season. *Human-Wildlife Interactions* 5:32-46.
- Dembkowski, D.J., M.R. Wuellner, and D.W. Willis. In press. Depth distribution and littoral habitat association of age-0 yellow perch in two South Dakota glacial lakes. *The Prairie Naturalist*.
- Dieter, C.D., and D. Schaible. In press. Reproduction and population characteristics of white-tailed jackrabbits in South Dakota. *Great Plains Research*.
- Dixon, M., W.C. Johnson, M. Scott, D. Bowen, and L. Raabe. In press. Dynamics of plains cottonwood (*Populus deltoides*) forests and historic landscape change across the upper Missouri River, USA. *Environmental Management*.
- Fincel, M.J., J.A. VanDeHey, and S.R. Chipps. In press. Non-lethal sampling of walleye for stable isotope analysis: a comparison of three tissues. *Fisheries Management and Ecology*.
- Fincel, M.J., J.A. VanDeHey, **A. Wuestewald**, and S.R. Chipps. In press. Comparing isotope signatures of prey fish: does gut removal affect C<sup>13</sup> or N<sup>15</sup>? *Journal of Freshwater Ecology*.

- Gigliotti, L.G. 2011. Comparison of an internet versus mail survey: a case study. *Human Dimensions of Wildlife* 16:55-62.
- Grovenburg, T.W., C.N. Jacques, R.W. Klaver, C.S. DePerno, T.J. Brinkman, C.C. Swanson, and J.A. Jenks. 2011. Influence of landscape characteristics on migration strategies of white-tailed deer. *Journal of Mammalogy* 92:534-543.
- Grovenburg, T.W., C.N. Jacques, R.W. Klaver, and J.A. Jenks. 2011. Drought effect on selection of Conservation Reserve Program grasslands by female white-tailed deer on the Northern Great Plains. *American Midland Naturalist* 166:147-162.
- Grovenburg, T.W., C.C. Swanson, C.N. Jacques, C.S. DePerno, R.W. Klaver, and J.A. Jenks. 2011. Female white-tailed deer survival across ecoregions in Minnesota and South Dakota. *American Midland Naturalist* 165:426-435.
- Grovenburg, T.W., R.W. Klaver, and J.A. Jenks. In press. Spatial ecology of white-tailed deer fawns in the Northern Great Plains: implications of loss of Conservation Reserve Program grasslands. *Journal of Wildlife Management*.
- Grovenburg, T.W., R.W. Klaver, and J.A. Jenks. In press. Survival of white-tailed deer fawns in the grasslands of the Northern Great Plains. *Journal of Wildlife Management*.
- Grovenburg, T.W., R.W. Klaver, C.N. Jacques, T.J. Brinkman, C.C. Swanson, C.S. DePerno, K.L. Monteith, V.C. Bleich, J.G. Kie, and J.A. Jenks. In press. Influence of landscape characteristics and ungulate demography on retention of expandable radiocollars. *Wildlife Society Bulletin*.
- Hayer, C.A., M.J. Johnson, T. Velasquez, and B.D.S. Graeb. 2011. Status of crayfish in select North Dakota streams. *The Prairie Naturalist* 43:61-63.
- Hayer, C.A., S. R. Chipps, and J.J. Stone. 2011. Influence of Physiochemical and watershed characteristics on mercury concentration in walleye, *Sander vitreus*, M. *Bulletin of Environmental Contamination and Toxicology* 86:163-167.
- James, D.A., I.J. Csargo, A. Von Eschen, M.D. Thul, J.M. Baker, C.A. Hayer, J. Howell, J. Krause, and A. Letvin. In press. A generalized model for estimating the energy density of invertebrates. *Freshwater Science*.
- Jansen, B.D., and J. . Jenks. 2011. Body mass estimation in *Puma*. *Wildlife Research* 35:147-151.
- Johnson, W.C., M.D. Dixon, M.L. Scott, L. Rabbe, G.E. Larson, M. Volke, and B. Werner. In press. Forty years of vegetation change on the Missouri River floodplain. *BioScience* 62(2).
- Johnston, C.A., and **K.I. Miller**. 2011. *Phragmites australis* in South Dakota: historical distribution and environment. *The Prairie Naturalist* 43:38-44.
- Johnston, C.A., and J.B. Zedler. In press. Identifying preferential associates to initiate restoration plantings. *Restoration Ecology* DOI: 10.1111/j.1526-100X.2011.00837.x
- Kaemingk, M.A., J.C. Jolley, D.W. Willis, and B.D.S. Graeb. 2011. Exploring spatial distributions of larval yellow perch *Perca flavescens*, bluegill *Lepomis macrochirus*, and their prey in relation to wind. *Journal of Fish Biology* 78:1132–1151.
- Kaemingk, M.A., J.C. Jolley, D.W. Willis, and S.R. Chipps. In press. Priority effects among young-of-the-year fish: reduced growth of bluegill sunfish (*Lepomis macrochirus*) caused by yellow perch (*Perca flavescens*)? *Freshwater Biology*.
- Kaemingk, M.A., M.J. Weber, P.R. McKenna, and M.L. Brown. 2011. Effect of passive integrated transponder implantation site on tag retention, growth, and survival of two sizes of compressiform and fusiform fishes. *North American Journal of Fisheries Management*.
- Kesler, D., R. Laws, A. Cox, A. Gouni, and J.D. Stafford. In press. Survival, territory resources, and population persistence in the critically endangered Tuamotu Kingfisher. *Journal of Wildlife Management*.
- Niemi, G.J., E.D. Reavie, G.S. Peterson, J.R. Kelly, C.A. Johnston, L.B. Johnson, R.W. Howe, G.E.

- Host, T.P. Hollenhorst, N.P. Danz, J.J.H. Ciborowski, T.N. Brown, V.J. Brady, R.P. Axler. 2011. An integrated approach to assessing multiple stressors for coastal Lake Superior. *Aquatic Ecosystem Health and Management* 14:356-375.
- Ohrman, M.K., S.A. Clay, D.E. Clay, E.M. Mousel, and A.J. Smart. 2011. Preventing saltcedar (*Tamarix* spp.) seedling establishment in Northern Prairie Potholes. *Invasive Plant Science and Management* 4:427-436.
- O'Neal, B.J., J.D. Stafford, and R.L. Larkin. In press. Stopover duration of fall-migrating dabbling ducks. *Journal of Wildlife Management*.
- Phelps, A.E., M.J. Ward, and D.W. Willis. 2011. White bass population demographics in a northwestern South Dakota reservoir. *Journal of Freshwater Ecology* 26:249–254.
- Pierce, L.L., B.D.S. Graeb, D.W. Willis, J.S. Sorensen, and M.A. Pegg. 2011. Stocking success of paddlefish in Lake Francis Case, South Dakota: population characteristics and sport fishery potential. *Transactions of the American Fisheries Society* 140:1359–1369.
- Pillatzki, A.E., R.D. Neiger, S.R. Chipps, K.F. Higgins, N. Thiex, and A.D. Afton. 2011. Hepatic element concentrations of lesser scaup (*Aythya affinis*) during spring migration in the upper Midwest. *Archives of Environmental Contamination and Toxicology* 61:144-150.
- Radtke, T.M., and C.D. Dieter. 2011. Canada goose crop damage abatement in South Dakota. *Human–Wildlife Interactions* 5:315–320.
- Ranney, S.R., M.J. Fincel, M.R. Wuellner, J.A. VanDeHey, and M.L. Brown. 2011. Assessing length-related biases in standard weight (Ws) equations: response to comment. *North American Journal of Fisheries Management* 31:661-665.
- Rapp, T., D.A. Shuman, B.D.S. Graeb, S.R. Chipps, E.J. Peters. 2011. Diet composition and feeding patterns of adult shovelnose sturgeon (*Scaphirhynchus platorhynchus*) in the lower Platte River, Nebraska, U.S.A. *Journal of Applied Ichthyology* 27:351-355.
- Robling, K.A., J.A. Jenks, and L.D. Holler. In press. Two cases of uterine prolapse in free-ranging deer in South Dakota. *Journal of Wildlife Diseases*.
- Roemmich, A.R., J.L. Butler, G.E. Larson, and E.B. Turnipseed. In press. Germination response of prairie dropseed and hairy goldaster to stratification and temperature. *The Prairie Naturalist*.
- Ruebush, B.C., G.G. Sass, J.H. Chick, and J.D. Stafford. In press. *In-situ* tests of sound-bubble-strobe light barrier technologies to prevent range expansions of Asian carp. *Aquatic Invasions*. DOI: 10.3391/ai.2012.7.01
- Sasmal, I., J.A. Jenks, T.W. Grovenburg, S. Datta, G. M. Schroeder, R.W. Klaver, and K.M. Honness. 2011. Habitat selection by female swift fox (*Vulpes velox*) during the pup-rearing period. *The Prairie Naturalist* 43:29-37.
- Schaeffer, T.W., M.L. Brown, and K.A. Rosentrater. 2011. Effects of dietary distillers dried grains with solubles and soybean meal on extruded pellet characteristics and growth responses of juvenile yellow perch. *North American Journal of Aquaculture* 73:270-278.
- Schaeffer, T.W., M.L. Brown, and K.A. Rosentrater. In press. Growth and stress resistance of advanced sized Nile tilapia fed diets containing fuel-based DDGS and low-level yeast probiotic. *Journal of Applied Aquaculture*.
- Schaeffer, T.W., M.J. Hennen, M.L. Brown, and K.A. Rosentrater. In press. Nutritional composition and use of common carp meal in yellow perch diets. *North American Journal of Aquaculture*.
- Schaible, D., and C.D. Dieter. 2011. Health and fertility implications related to seasonal changes in kidney fat index of white-tailed jackrabbits in South Dakota. *Great Plains Research* 21:89–94.
- Schaible, D., C.D. Dieter, R.D. Neiger, and M.B. Hildreth. 2011. *Calodium hepaticum* in white-tailed jackrabbits in South Dakota. *The Prairie Naturalist* 43:56–58.
- Schoenebeck, C.W. and M.L. Brown. 2011. Gender- and year-specific mortality of yellow perch with evidence of compensatory mortality. *North American Journal of Fisheries Management*

31:474-482.

- Schoenebeck, C.W., M.L. Brown, and S.R. Chipps. In press. Nutrient and algal responses to winterkilled fish-derived nutrient subsidies in eutrophic lakes. *Lake and Reservoir Management*.
- Schoenebeck, C.W., and M.L. Brown. In press. Does anaerobic activity differ seasonally or between sexes in yellow perch populations? *Transactions of the American Fisheries Society*.
- Schultz, L.D., and K.N. Bertrand. 2011. An assessment of the lethal thermal maxima for mountain sucker. *Western North American Naturalist* 71: 404-411.
- Schultz, L.D., and K.N. Bertrand. In press. Long term trends and outlook for mountain sucker in the Black Hills of South Dakota. *American Midland Naturalist*.
- Scott, M., G. Auble, M. Dixon, and W.C. Johnson. In press. Long-term cottonwood forest dynamics on the upper Missouri River. *Regulated Rivers Research*.
- Shaw, S.L., S.R. Chipps, S.K. Windels, M.A.H. Webb, D.T. McLeod, and D.W. Willis. In press. Lake sturgeon population attributes and reproductive structure in Namakan Reservoir, Minnesota and Ontario. *Journal of Applied Ichthyology*.
- Skinner, R.H., B.K. Wylie, T.G. Gilmanov. 2011. Using normalized difference vegetation index to estimate carbon fluxes from small rotationally grazed pastures. *Agronomy Journal* 103:972-979.
- Smart, A.J., M.J. Nelson, P.J. Bauman, and G.E. Larson. 2011. Effects of herbicides and grazing on floristic quality of native tallgrass pastures in eastern South Dakota and southwestern Minnesota. *Great Plains Research* 21:181-189.
- Spindler, B.A., S.R. Chipps, R.A. Klumb, and B.D.S. Graeb. In press. Habitat and prey availability attributes associated with juvenile pallid sturgeon occurrence in the Missouri River. *Endangered Species Research*.
- Stafford, J. D., A.P. Yetter, C.S. Hine, R.V. Smith, and M.M. Horath. 2011. Seed abundance for waterfowl in wetlands managed by the Illinois Department of Natural Resources. *Journal of Fish and Wildlife Management* 2:1-11.
- Stone, J.J., C.M. McCutcheon, L.D. Stetler, and S.R. Chipps. 2011. Interrelationships between fish tissue mercury concentrations and water quality for South Dakota natural lakes and impoundments. *Water, Air and Soil Pollution* 222:337-349.
- Straub, J.N., R.J. Gates, R.D. Schultheis, T. Yerkes, J. Coluccy, and J.D. Stafford. In press. Wetland food resources for spring-migrating ducks in the Upper Mississippi River and Great Lakes region. *Journal of Wildlife Management*. DOI: 10.1002/jwmg.311.
- Turner, M.M., A.P. Rockhill, C.S. DePerno, J.A. Jenks, R.W. Klaver, A.R. Jarding, T.W. Grovenburg, and K.H. Pollock. 2011. Evaluating the effect of predators on white-tailed deer: movement and diet of coyotes. *Journal of Wildlife Management* 75:905-912.
- VanDeHey, J.A., D.W. Willis, and B.G. Blackwell. In press. Survival, reproduction, and recruitment of gizzard shad *Dorosoma cepedianum* at the northwestern edge of their native range. *Journal of Freshwater Ecology*.
- Weber, M.J., M.J. Hennen, and M.L. Brown. 2011. Simulated demographic responses of common carp to commercial exploitation. *North American Journal of Fisheries Management* 31:269-279.
- Weber, M.J., and M.L. Brown. In press. Effects of predator species, vegetation, and prey assemblage on prey preferences of predators with emphasis on vulnerability of age-0 common carp to predation. *Fisheries Management and Ecology*. DOI:10.1111/j.1095-8649.2011.03140.x.
- Weber, M.J., and M.L. Brown. 2011. Comparison of common carp (*Cyprinus carpio*) age estimates derived from dorsal fin spines and pectoral fin rays. *Journal of Freshwater Ecology* 26:195-202.
- Weber, M.J., and M.L. Brown. In press. Relationships among invasive common carp, native fishes, and physicochemical characteristics in upper Midwest (U.S.A.) lakes. *Ecology of Freshwater*

Fish doi: 10.1111/j.1600-0633.2011.00493.x.

- Weber, M.J., **K.D. Rounds**, and M.L. Brown. In press. Phenotypic variation and associated predation risk of juvenile common carp *Cyprinus carpio*. *Journal of Fish Biology*.
- Weber, M.J., and M.L. Brown. In press. Maternal effects of common carp egg quantity and quality. *Journal of Freshwater Ecology*.
- Wuellner, M.R., and D.C. Jackson. In press. Population dynamics of AFS membership: special focus on the “emerging cohort” of fisheries professionals. *Fisheries*.
- Wuellner, M.R., D.W., Willis, B.G. Blackwell, and J.P. Lott. 2011. Empirical assessment of potential interactions between walleye and smallmouth bass. *Journal of Applied Ichthyology* 27:1173-1180.
- Wuellner, M.R., B.D. S. Graeb, D.W. Willis, **B.J. Galster**, T.M. Selch, and S.R. Chipps. 2011. Competitive interactions between walleye (*Sander vitreus*) and smallmouth bass (*Micropterus dolomieu*) under various controlled conditions. *Journal of Freshwater Ecology* 26:299-314.
- Zhang, L., B.K. Wylie, L. Ji, T.G. Gilmanov, L.L. Tieszen, and D.M. Howard. 2011. Upscaling carbon fluxes over the Great Plains grasslands: sinks and sources, *Journal of Geophysical Research* 116, G00J03, doi:10.1029/2010JG001504.

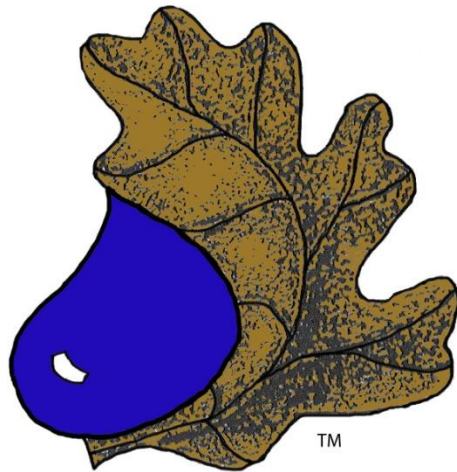
## Publications in proceedings and other journals





- Johnston, C.A. In press. Cropland expansion into prairie pothole wetlands, 2001-2010. Pages 000-000 in America's Grasslands Conference Proceedings, Sioux Falls, SD.
- Ohrtman, M., S. Clay, D. Clay, E. Mousel, and A. Smart. In press. Managing saltcedar (*Tamarix* spp.) with fire in northern grasslands. Pages 000-000 in America's Grasslands Conference Proceedings, Sioux Falls, SD.
- Smart, A.J., T.K. Christner, E.M. Mousel, S.A. Clay, and D.E. Clay. In press. Early season clipping, fire, and late spring nitrogen application on improving native tallgrass prairie. Pages 000-000 in America's Grasslands Conference Proceedings, Sioux Falls, SD.
- Vande Kamp, K.L., M. Rigge, A. Smart, N.H. Troelstrup, Jr. In press. Detecting channel riparian vegetation response to BMP implementation in western South Dakota ephemeral streams using SPOT imagery. Proceedings of the South Dakota Academy of Science.

# Books or book chapters



- Aday, D.D., and B.D.S. Graeb. In Press. Stunted fish in ponds and small impoundments: an overview and management perspective. Pages 000-000 in J.W. Neal, and D.W. Willis, editors. Management of small impoundments. American Fisheries Society, Bethesda, Maryland.
- Brown, M.L., and J.A. Jenks. In press. Guidelines for the successful preparation and submission of scientific journal articles. Pages 000-000 in C. Jennings, T. E. Lauer, and B. Vondracek, editors. Scientific communication for natural resource professionals. American Fisheries Society, Bethesda, Maryland.
- Brown, M.L., M.A. Allen, and D. Beard. In press. Data management and statistical techniques. Pages 000-000 in A.V. Zale, D.L. Parrish, and T.M. Sutton, coeditors. Fisheries techniques, third edition. American Fisheries Society, Bethesda, Maryland.
- Brown, M.L., T.W. Schaeffer, K.A. Rosentrater, M.E. Barnes, and K. Muthukumarappan. 2012. Feeding DDGS to finfish. Pages 341-390 in K. Lieu and K.A. Rosentrater, editors. Distillers grains: production, properties, and utilization. CRC Press, Boca Raton, Florida.
- Chippis, S.R., and B.D.S. Graeb. 2011. Feeding ecology and bioenergetics. Pages 303-320 in B. Barton, editor. Biology and management of walleye and sauger. American Fisheries Society, Bethesda, Maryland.
- Fecske, D. M., D. J. Thompson, and J. A. Jenks. 2011. Natural history and ecology of cougars. Pages 15-40 in J. A. Jenks, editor. Managing cougars in North America. Western Association of Fish and Wildlife Agencies and the Jack Berryman Institute, Utah State University, Logan, Utah.
- Garvey, J.E., and S.R. Chippis. In press. Quantitative description of diets: feeding patterns and trophic position. Pages 000-000 in A. Zale, D. Parrish, T. Sutton, editors. Fisheries Techniques, 3<sup>rd</sup> edition. American Fisheries Society, Bethesda, Maryland.
- Gigliotti, L.M., and T.L. Teel. 2011. Human dimensions of cougar management: public attitude and values. Pages 165-188 in J.A. Jenks, editor. Managing cougars in North America. Jack H. Berryman Institute, Utah State University, Logan.
- Hoagstrom, C.W., W.E. Adams, Jr., R.M. Neumann, and D.W. Willis. 2011. Guide to the fishes of South Dakota. South Dakota Department of Game, Fish and Parks, Pierre. 70 pages.
- Jenks, J. A., editor. 2011. Managing cougars in North America. Western Association of Fish and Wildlife Agencies and the Jack Berryman Institute, Utah State University, Logan. 200 pages.
- Johnston, C.A. In press. Beaver wetlands. Pages 161-172 in D.P. Batzer and A. Baldwin, editors. Wetland habitats of North America: ecology and conservation concerns. University of California Press, Berkeley.
- Jenks, J. A., and D. M. Leslie, Jr. 2011. Interactions with other large herbivores. Pages 287-310 In D. Hewitt, editor. Biology and management of white-tailed Deer. CRC Press International, Taylor and Francis Group, Boca Ratan, Florida.
- Johnson, W.C. and 12 co-authors. 2011. Missouri river planning: recognizing and incorporating sediment management. National Research Council. National Academies Press, Washington, DC. 152 pages.
- Neal, J.W., and D.W. Willis, editors. In press. Management of small impoundments. American Fisheries Society, Bethesda, Maryland.
- Neumann, R.M., C.S. Guy, and D.W. Willis. In press. Length, weight, and associated structural indices. Pages 000-000 in A.V. Zale, D.L. Parrish, and T.M. Sutton, editors. Fisheries techniques, third edition. American Fisheries Society, Bethesda, Maryland.
- Schramm, H.L., Jr., and D.W. Willis. In press. Assessment and harvest of largemouth bass-bluegill ponds. Pages 000-000 in J.W. Neal and D.W. Willis, editors. Management of small impoundments. American Fisheries Society, Bethesda, Maryland.
- Willis, D.W., and J.W. Neal. In press. Introduction to pond management. Pages 000-000 in J.W. Neal and D.W. Willis, editors. Management of small impoundments. American Fisheries Society, Bethesda, Maryland.

## Extension reports



- Beutler, M., Gates, R. and B. Helbig. 2011. Grasshopper outlook on rangelands: 2011. South Dakota CES Extension Extra 5081. 5 pages.  
[http://pubstorage.sdstate.edu/AgBio\\_Publications/articles/exex5081.pdf](http://pubstorage.sdstate.edu/AgBio_Publications/articles/exex5081.pdf)
- Davis, J., B.H. Dunn, A. Arzeno, M. Beutler, and R.N. Gates. 2012. Sustaining the Legacy: Management and Wealth Transfer Planning for Ranches. South Dakota State University, Brookings. 48 pages. Electronic availability via iGrow is in progress.
- Gates, R.N. 2011. Winter grazing pastures: Is it enough? SDSU Extension iGrow.  
<http://igrow.org/livestock/beef/winter-grazing-pastures-is-it-enough/>
- Gates, R.N. 2011. Post-fire recovery - Planning for spring grazing. SDSU Extension iGrow.  
<http://igrow.org/livestock/beef/post-fire-recovery-planning-for-spring-grazing/>
- Gates, R.N. 2011. Lowering winter feeding costs - Swath grazing. SDSU Extension iGrow.  
<http://igrow.org/livestock/beef/lowering-winter-feeding-costs-swath-grazing/>
- Gates, R.N. 2011. Lowering winter feeding costs - Bale grazing. SDSU Extension iGrow.  
<http://igrow.org/livestock/beef/lowering-winter-feeding-costs-bale-grazing/>
- Ohrman, M., D.L. Deneke, S.A. Clay, and A.J. Smart. 2011. Do fire and grazing management provide opportunities for saltcedar invasion by allowing increased establishment from seed? Publication: 07-2001-2011. iGrow.
- Ohrman, M., D.L. Deneke, S.A. Clay, and A.J. Smart. 2011. Can fire be used to control saltcedar in northern grasslands? Publication: 07-2001-2011. iGrow.

## Other reports (agency reports, completion reports)



**Undergraduate students in bold font**

- Gigliotti, L.G. 2011. South Dakota setline & hoop net/trap survey – 2010: Descriptive report. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-1-11.AMS, Pierre.
- Gigliotti, L.G. 2011. 2010 evaluation of the Decoy-Only Hunting Unit in the Lower Oahe Waterfowl Hunting Access Area. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-2-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Evaluation of hunter use of Game Production Areas (2010) located in 5 East River counties (South Dakota). South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-3-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Resident One-Day Fishing License. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-4-11.AMS, Pierre.
- Gigliotti, L.G. 2011. 2010 Black Hills deer hunter survey report. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-5-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Wildlife on private lands status report 2010. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-6-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Wildlife on private lands status report 2010: Supplemental report. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-6a-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Wildlife on private lands status report 2007 & 2010: Supplemental report. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-6b-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Resident fishing activity, harvest and angler opinion survey (Annual, Combination, Senior, & Jr. Combination Licenses). South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-7-11.AMS, Pierre.
- Gigliotti, L.G. 2011. East & West River deer hunter survey report – 2010. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-8-11.AMS, Pierre.
- Gigliotti, L.G. 2011. East & West River deer hunter survey report – 2010: (Supplemental report: Hunters' opinions about white-tailed deer numbers where they hunt). South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-8a-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Comparison of landowner and hunter perceptions of whitetail deer numbers (2010): Supplemental report. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-8b-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Comparison of landowners and hunters (2010): Perceptions of deer numbers – similarities & differences (Supplemental report). South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-bc-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Evaluation of the 2011 mountain lion season: Hunter survey. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-9-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Angler comments. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-10-11.AMS, Pierre.
- Gigliotti, L.G., and G. Adams. 2011. South Dakota BASS Federation Nation members: an Internet survey – 2011. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-11-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Nonresident Annual Fishing License. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-12-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Nonresident Family Fishing License. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-13-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Nonresident 3-Day Fishing License. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-14-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Nonresident 1-Day Fishing License. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-15-11.AMS, Pierre.

- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Overall assessment of fishing activity, harvest and angler opinions analyzed by license type. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-16-11.AMS, Pierre.
- Gigliotti, L.G. 2011. Fishing in South Dakota – 2010: Understanding resident anglers – attitudes towards the use of technology in fishing. South Dakota Game, Fish and Parks, Division of Wildlife, Report HD-17-11.AMS, Pierre.
- Hine, C.S., R.V. Smith, J.D. Stafford, A.P. Yetter, and M.M. Horath. 2011. Waterbird and wetland monitoring at The Emiquon Preserve. 2010 Annual Report. The Nature Conservancy. INHS Technical Report 2011 (07). May. 39 pages.
- Johnson, M.S., C.A. Hayer, B.D.S. Graeb, and C.R. Berry, Jr. 2011. Status and distribution of select fishes in central and western North Dakota rivers and streams. Final report to North Dakota Department of Game and Fish, Bismarck.
- Johnston, C.A., G.A. Lamberti, H. Bootsma, and D. Scavia. 2011. Science Advisory Board review of Annis Water Resources Institute, Grand Valley State University, Muskegon, MI. 15 pages.
- Schultz, L.D., S.J. Lewis, K.N. Bertrand, and J. Wilhite. 2011. Pactola Basin stream habitat changes following a high discharge event and an evaluation of stream mapping methodology. South Dakota Department of Game, Fish and Parks, Completion Report 11-11, Pierre. 9 pages.
- Smith, R.V., J.D. Stafford, A.P. Yetter, C. J. Wehlan, C.S. Hine, and M.M. Horath. 2011. Foraging thresholds of spring migrating dabbling ducks in Illinois. INHS Technical Report 2011 (37). November. 55 pages.
- Stafford, J.D., J.B. Long, A.P. Yetter, T.J. Benson, and M.W. Eichholz. 2011. Ecology of non-breeding waterfowl in the Wabash River region. INHS Technical Report 2011 (20). 26 pages.
- VanDeHey, J.A., D.W. Willis, and B.G. Blackwell. 2011. Influence of gizzard shad on fish community ecology in northeastern South Dakota glacial lakes. South Dakota Department of Game, Fish and Parks, Fisheries Division Completion Report 11-12, Pierre. 158 pages.
- Yetter, A.P., and J.D. Stafford. 2011. Waterfowl monitoring on Pools 12, 13, and 14 of the Mississippi River during fall 2010. Annual Report to U.S. Fish and Wildlife Service. INHS Technical Report 2011(16). May. 3 pages.
- Yetter, A.P., M.M. Horath, C.S. Hine, R.V. Smith, and J.D. Stafford. 2011. Illinois Waterfowl Surveys and Investigations. INHS Technical Report 2011 (41). November. 74 pages.

## Popular articles





## **Undergraduate students in bold font**

- Abler, D.**, M. Kaemingk, and D. Willis, 2011. Lessons learned from nesting male bluegills. Pond Boss Magazine XX(3):28-33.
- Dieter, C.D. 2011. South Dakota resident pheasant hunter numbers shrinking. Dakota Country Magazine, January, 2011.
- Dieter, C.D. 2011. Why South Dakota protects its hunting heritage. Dakota Country Magazine, February, 2011.
- Dieter, C.D. 2011. Flooding and wetlands. Dakota Country Magazine, March, 2011.
- Dieter, C.D. 2011. Early spring trophies. Dakota Country Magazine, April, 2011.
- Dieter, C.D. 2011. An American hero. Dakota Country Magazine, May, 2011.
- Dieter, C.D. 2011. Canada goose management. Dakota Country Magazine, June, 2011.
- Dieter, C.D. 2011. Lead shot and waterfowl. Dakota Country Magazine, August, 2011.
- Dieter, C.D. 2011. Youth waterfowl season. Dakota Country Magazine, September, 2011.
- Dieter, C.D. 2011. For the love of geese. Dakota Country Magazine, October, 2011.
- Dieter, C.D. 2011. Waterfowl hunting myths. Dakota Country Magazine, November, 2011.
- Gates, R.N. 2011. Anticipate the upcoming growing season. Tri-State Livestock News, Agribusiness Division, Country Media, Sturgis, SD. 15 January.
- Gates, R.N. 2011. Contingency plans for forage after fire, grasshoppers or hail. Tri-State Livestock News, Agribusiness Division, Country Media, Sturgis, SD. 26 February.
- Gates, R.N. 2011. Restoring carbon for soil health. Tri-State Livestock News, Agribusiness Division, Country Media, Sturgis, SD. 9 April.
- Gates, R.N. 2011. Monitoring end-of-season grasslands. Tri-State Livestock News, Agribusiness Division, Country Media, Sturgis, SD. 24 September.
- Gates, R.N. 2011. Winter grazing requires prudent planning. Tri-State Livestock News, Agribusiness Division, Country Media, Sturgis, SD. 5 November.
- Gates, R.N. 2011. Winter grazing allocation. Tri-State Livestock News, Agribusiness Division, Country Media, Sturgis, SD. 17 December.
- Stahr, K.**, M. Kaemingk, and D. Willis. 2011. Bluegill: to hatch early or hatch late? Tis more than a Shakespearean question. Pond Boss Magazine XX(1):24-27.
- Willis, D., and B. Lusk. 2011. Fliers! Pond Boss Magazine XX(2):28-29.
- Willis, D., and B. Lusk. 2011. Bowfin – an ancient survivor. Pond Boss Magazine XIX(6):26-29.
- Willis, D., and B. Lusk. 2011. Mixing pike family members and ponds. Pond Boss Magazine XIX(5):26-31.
- Willis, D., and B. Lusk. 2011. Fish biology 103: how can I tell if my bass are overpopulated? Pond Boss Magazine XIX(4):24-29.
- Wuellner, M. R., T. D. Bacula, and D. W. Willis. 2011. Smallmouth bass versus walleye: myths and facts. South Dakota Conservation Digest 78(2):4-7.
- Yetter, A., M. Horath, R. Smith, C. Hine, and J. Stafford. Fall-migrating mallards: research documents movements and stopover in the LaGrange Pool of the Illinois River. Outdoor Illinois. October 2011.

