



22ND NORTH AMERICAN PRAIRIE CONFERENCE EXPANDED SCHEDULE

SUNDAY AUGUST 1		22 ND NORTH AMERICAN PRAIRIE CONFERENCE	
TIME	EVENT	PLACE	
3-7 P.M.	Registration/Exhibitors Set-up	Schindler Ed Center	
6-8 P.M.	Wine & Snacks Social Gathering	Schindler Ed Center Patio	
7 P.M.	Meeting of Session Moderators	Schindler Ed Center Room 247	

MONDAY AUGUST 2		22 ND NORTH AMERICAN PRAIRIE CONFERENCE	
TIME	EVENT	PLACE	
8:30 A.M.	Welcome	Schindler Ed Center Room 244, 245, 246	
8:45 A.M.	Reed Noss, University of Central Florida: <i>Southern Grasslands: Ecological History and Future</i>	Schindler Ed Center Room 244, 245, 246	
9:45 A.M.	Mark Ackelson, Iowa Natural Heritage Foundation: <i>Prairie Preservation and Recovery in Iowa</i>	Schindler Ed Center Room 244, 245, 246	
10:30 - 10:50 A.M.	Break	Schindler Ed Center Lobby	

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MONDAY AUGUST 2	CONCURRENT SESSION 1 SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA			
TIME	PRAIRIE MANAGEMENT ROOM - 252	PRAIRIE RESTORATION AND RECONSTRUCTION ROOM - 246	PRAIRIE COMMUNITIES ROOM - 245	EDUCATION AND OUTREACH ROOM - 247
10:50-11:10 A.M.	<p><u>CURING THE CALENDAR PRAIRIE SYNDROME: MANAGING PRAIRIES FOR DYNAMISM AND RESILIENCE</u></p> <p>CHRIS HELZER</p>	<p><u>EFFECTS OF MOWING ON ABUNDANCE AND PERSISTENCE OF TALLGRASS PRAIRIE FORBS SEEDED INTO AN ESTABLISHED STAND OF PRAIRIE GRASSES: 10 YEARS AFTER SOWING</u></p> <p>DAVE WILLIAMS; DARYL SMITH; RYAN LENSING; KATHY SCHULTZ</p>	<p><u>GENETIC VARIATION IN THE ILLINOIS-THREATENED HILL PRAIRIE LARKSPUR</u></p> <p>BROOKE BRYANT; ELIZABETH EYLER; STEFAN JOHNSRUD; JASON KOONTZ</p>	<p><u>AGGREGATING PRIVATE FUNDS TO PURCHASE AND MANAGE LARGE CONSERVATION AREAS</u></p> <p>DOUGLAS CAULKINS</p>
11:10- 11:30 A.M.	<p><u>AN ADAPTIVE APPROACH TO INVASIVE PLANT MANAGEMENT ON FISH AND WILDLIFE SERVICE-OWNED NATIVE PRAIRIES IN THE PRAIRIE POTHOLE REGION: DECISION SUPPORT UNDER UNCERTAINTY</u></p> <p>JILL J. GANNON; CLINTON T. MOORE; TERRY L. SHAFFER</p>	<p><u>EFFECTS OF PRAIRIE RECONSTRUCTION ON SOIL-WATER AND GROUNDWATER NUTRIENT CONCENTRATIONS, NEAL SMITH NATIONAL WILDLIFE REFUGE</u></p> <p>KEITH E. SCHILLING; PETER JACOBSON; MARK D. TOMER; NEAL WEPKING; CYNTHIA A. CAMBARDELLA; PAULINE M. DROBNEY</p>	<p><u>RYERSON'S WOODS PARK: A RELICT WOODLAND FROM A PRAIRIE LANDSCAPE IN EASTERN IOWA</u></p> <p>SOPHIA A. KRAJEWSKI; DIANA G. HORTON</p>	<p><u>EDUCATING NEW LEADERS IN CONSERVATION: THE PROFESSIONAL SCIENCE MASTERS IN ECOSYSTEM MANAGEMENT AT UNI</u></p> <p>LAURA L. JACKSON; MARK C. MYERS</p>
11:30-11:50 A.M.	<p><u>THE EFFECTS OF SEEDING TIME ON THE EMERGENCE AND ESTABLISHMENT OF PRAIRIE GRASSES, SEDGES, LEGUMES, AND OTHER FORBS</u></p> <p>REBEKAH MACKAY; DARYL SMITH; DAVE WILLIAMS</p>	<p><u>PLANT COMMUNITY TRENDS ACROSS A CHRONOSEQUENCE OF RECONSTRUCTED PRAIRIES WITH RESPECT TO REMNANT PRAIRIES IN WEST-CENTRAL IOWA</u></p> <p>DANIEL L. CARTER; JOHN M. BLAIR</p>	<p><u>PERCEPTIONS OF PRAIRIE: HISTORY AS SPRINGBOARD FOR LAND USE DISCUSSIONS AMONG OLDER RURAL AUDIENCES</u></p> <p>NANCY SATHER</p>	<p><u>WILDFLOWERS OF THE TALLGRASS PRAIRIE</u></p> <p>THOMAS ROSBURG</p>
NOON	Lunch	Meal plan or on your own		

MONDAY AUGUST 2	CONCURRENT SESSION 2 SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA			
TIME	PRAIRIE MANAGEMENT ROOM - 252	PRAIRIE FAUNA ROOM - 246	PRAIRIE ECOLOGY AND CONSERVATION RESTORATION AND POLICY ROOM - 247	SYMPOSIUM ROOM - 245 1-3 P.M.
1:00-1:20 P.M.	THE EFFECT OF BURN TIMING ON GRASSHOPPER AND GROUND BEETLE ASSEMBLAGES IN EARLY STAGE OF A RECONSTRUCTED TALLGRASS PRAIRIE ANNA ABNEY; DAVE WILLIAMS; DARYL SMITH	GRASSLAND BIRD RESPONSE TO WOODY VEGETATION REMOVAL ON GRASSLANDS IN THE TALLGRASS PRAIRIE REGION OF MINNESOTA DIANE GRANFORS; SARA VACEK; NICK PALAIA; MARY SOLER	ECOLOGICAL IMPACTS OF CATTLE GRAZING ON THE FLORA OF HILL PRAIRIE COMMUNITIES ANGELLA MOOREHOUSE; JASON KOONTZ	WRITING THE PRAIRIE: CONNECTING SCIENCE AND LITERATURE HOLLY CARVER, MODERATOR ABIGAIL FOERSTNER; CONNIE MUTEL; JOHN PRICE; DARYL SMITH; DAVE WILLIAMS
1:20-1:40 P.M.	DEVELOPING REMNANT PRAIRIE GRAZING PLANS FOR WITH CONSERVATION AS THE HIGHEST PRIORITY FOR THE MINNESOTA PRAIRIE BANK PROGRAM PAUL BOCKENSTEDT; JASON GARMS	BIRD COMMUNITIES OF RESTORED PRAIRIES AND OLD-FIELD HABITATS IN AGRICULTURAL AND URBAN AREAS OF WINONA COUNTY, MINNESOTA NEAL MUNDAHL; NAOMI COREY; BRUNO BORSARI	ASSESSING THE CHANGE IN TALL-GRASS PRAIRIE VEGETATION WITHIN THE CHEROKEE PRAIRIE FROM 1898 TO 2008 MELISSA HINTEN; BRUCE HOAGLAND	
1:40-2:00 P.M.	BEYOND COMMUNITY ECOLOGY: GRASSLAND RESTORATION FOCUSED ON ECOSYSTEM SERVICE PROVIDES A TECHNICALLY FEASIBLE AND SCIENTIFICALLY VALID MEANS TO INCREASE ECOSYSTEM FUNCTION, COMMUNITY DIVERSITY, AND ECONOMIC VIABILITY AS A MODEL FOR LARGE-SCALE MIDWEST GRASSLAND RESTORATIONS STEPHEN THOMFORDE; PETER ALLEN	BIRD AND BUTTERFLY HABITAT PREFERENCES ON PRIVATE PRAIRIE REMNANTS IN SOUTH-CENTRAL KANSAS BRAD GUHR	21st CENTURY PRAIRIES: THREATS AND SOLUTIONS INTRODUCTION INTO PERMANENTLY PROTECTING PRAIRIES JOE MCGOVERN	PANEL DISCUSSION ROOM - 245 5-6:30 P.M. PRAIRIE BURNING EFFECTS ON BIODIVERSITY - FOCUS ON INSECTS ANGELA MOOREHOUSE, MODERATOR ILLINOIS PRESERVES COMMISSION PANELIST: RICH HENDERSON, WISCONSIN DNR JOHN PEARSON, IOWA DNR This will be a discussion of the burning of prairie - burn timing, minimizing burn impact on prairie insects, dividing prairies into burn units, alternatives to burning, and other related issues. This is a follow up to the reaction and concern generated by the burn at the Sylvan Runkel State Preserve. This should be of interest to all. This meeting is arranged by the Iowa Prairie Network.
2:00-2:20 P.M.	COMPARISON OF WATER INTERCEPTION AND INFILTRATION BY SELECTED GRASS DOMINATED COMMUNITIES SARAH BENEDICT; DAVE WILLIAMS; DARYL SMITH	HOME ON THE RANGE: PATTERNS OF HABITAT USE BY MALE AND FEMALE BROWN-HEADED COWBIRDS IN THEIR HISTORIC BREEDING RANGE LAWRENCE D. IGL; DOUGLAS H. JOHNSON	TWENTY FIVE YEARS OF MONITORING THE WESTERN PRAIRIE FRINGED ORCHID IN MINNESOTA DEREK ANDERSON; NANCY SATHER	
2:20-2:40 P.M.	USING HISTORICAL DATA IN THE MANAGEMENT OF VIRGIN TALLGRASS PRAIRIE. GLENN POLLOCK	EVALUATING NORTH AMERICAN TALLGRASS PRAIRIE QUALITY USING THE AUCHENORRHYNCHA (INSECTA: HEMIPTERA) QUALITY INDEX. ADAM WALLNER; CHRISTOPHER DIETRICH; BRENDA MOLANO FLORES	MECHANISMS BEHIND THE SUCCESS OF AN INVASIVE TREE IN TALLGRASS PRAIRIE: POTENTIAL ALLOPATHIC EFFECTS OF EASTERN RED CEDAR (<i>JUNIPERUS VIRGINIANA</i>) MARY ANN VINTON; JANE MATHEW	
2:40-3:00 P.M.		SILPHIUM STEM GALL WASPS: LITTLE KNOWN PRAIRIE SPECIALISTS RICHARD HENDERSON; SCOTT SAUER	CHALLENGES AND SOLUTIONS IN PRAIRIE RECONSTRUCTIONS THOMAS ROSBURG	

MONDAY AUGUST 2		22ND NORTH AMERICAN PRAIRIE CONFERENCE	
TIME	EVENT	PLACE	
3-3:20 P.M.	Break	Schindler Ed Center, Lobby	
3:30-5 P.M.	Tallgrass Prairie Center Open House/Book signing	Tallgrass Prairie Center	
5:30-7:30 P.M.	Marshall Center School Museum Open	North of Schindler Parking	
5-6:30 P.M.	Panel Discussion: Prairie Burning Effects on Biodiversity - Focus on Insects	Schindler Ed Center, Room 247	
5-6:30 P.M.	2012 Conference Planning Meeting	To be arranged upon request	
6:30-7:30 P.M.	Dinner	Meal plan or on your own	
8 P.M.	Photographer and author - Bill Witt: <i>Enchanted by Prairie</i>	Schindler Ed Center, Room 246	
9 P.M.	<p>ORGANIZATIONAL MEETINGS</p> <p>Iowa Native Plant Society and Iowa Prairie Network Room 122 Schindler Ed Center. This informal social gathering will allow prairie and native plant enthusiasts from Iowa to enjoy each other and hear updates from each organization. IPN was formed twenty years ago at a late-night meeting at the NAPC at Cedar Falls!</p>		

TUESDAY AUGUST 3		22ND NORTH AMERICAN PRAIRIE CONFERENCE	
TIME	EVENT	PLACE	
8 A.M.-5 P.M.	Field Trips	Meet McLeod Parking Lot	
5-6:30 P.M.	Equipment Display	McLeod Parking Lot	
5:30 P.M.	Barbecue Social Time	Athletic Field Parking Lot (<i>West of the McLeod Parking Lot</i>)	
6 P.M.	Barbecue	Athletic Field Parking Lot	
5:45 - 6:30 P.M.	Mesquakie Dancers	Athletic Field Parking Lot	
AFTER BBQ	Roadside Discussion	Tent area, Athletic Field Parking	
AFTER BBQ	<p>USFWS Prairie and Savanna Forum Pauline Drobney USFWS, Moderator This meeting brings FWS folks together who are involved in prairie and savanna management. What are the most pressing issues to address and questions to answer for us to have a best shot conserving prairie and savanna species and ecosystems? This is an opportunity to casually get together and to talk about where we have been and where we would like to be going</p>	Tent area, Athletic Field Parking	

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WEDNESDAY AUGUST 4	CONCURRENT SESSION 3 SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA			
TIME	PRAIRIE MANAGEMENT ROOM - 252	FIRE ECOLOGY AND ROADSIDE PRAIRIES ROOM - 247	PRAIRIE RESTORATION AND RECONSTRUCTION ROOM - 246	SYMPOSIUM ROOM - 245
8:00-8:20 A.M.	<u>INTERSEEDING PRAIRIE FORBS INTO NATIVE GRASS STANDS</u> MOLLY TRANEL; JEFF ZAJAC	<u>INFLUENCE OF PATCH SIZE, ISOLATION, AND FIRE HISTORY ON HOPPER (HOMOPTERA: AUCHENORRHYNCHA) COMMUNITIES OF EIGHT PRAIRIE REMNANTS IN SOUTHERN WISCONSIN</u> RICHARD HENDERSON	<u>PRAIRIE RESTORATION AT EFFIGY MOUNDS NATIONAL MONUMENT</u> RODNEY D. ROVANG	<u>PRAIRIE AND WETLAND CONSERVATION PARTNERS AND PROJECTS</u> JENNIFER ANDERSON-CRUZ, MODERATOR
8:20-8:40 A.M.	<u>USE OF LOW-LEVEL AERIAL PHOTOGRAPHY FOR DELINEATION OF BIOLOGICAL AND PHYSICAL FEATURES OF TALLGRASS PRAIRIE</u> DONALD P. ALTHOFF; KEVIN A. BLECHA; PHILIP B. WOODFORD; PHILIP S. GIPSON	<u>VOLUNTEER FIRE DEPARTMENTS: TURNING FIRE FIGHTERS INTO FIRE STARTERS</u> SUSANNE HICKEY; STAN BUMAN	<u>LESSONS LEARNED THROUGH THE GRASSLAND RESTORATION NETWORK: 2003-2010</u> CHRIS HELZER; BILL KLEIMAN; CHIP O'LEARY; BILL GLASS	TIM YAGER- MCGREGOR DISTRICT MANAGER UPPER MISSISSIPPI WILDLIFE REFUGE CAROL WIENHOLD; JENNIFER FILIPIAK- DIRECTOR OF CONSERVATION SCIENCE THE NATURE CONSERVANCY COOPERATIVE LANDSCAPE SCALE PRAIRIE AND WETLAND RESTORATION IN THE UPPER MIDWEST
8:40-9:00 A.M.	<u>THE REINTRODUCTION OF BISON (BISON BISON) IN A TALLGRASS PRAIRIE.</u> TARA KELLY	<u>ROSINWEED STEM GALL WASP RESPONSE TO FIRE</u> RICHARD HENDERSON	<u>A COMPARISON OF ECOHYDROLOGICAL FUNCTION FOR A NATIVE C4 GRASS, NATIVE C3 FORB AND C4 CROP DURING A WET YEAR.</u> VILMA MATEOS; HEIDI ASBJORNSEN; TOM SAUER; JULIE TARARA; DAVID MEEK	JOE MCGOVERN- LAND STEWARDSHIP PROGRAM DIRECTOR IOWA NATURAL HERITAGE FOUNDATION LAND TRUST NICHE IN PRAIRIE RESTORATION AND PROTECTION
9:00-9:20 A.M.	<u>CONSERVATION PLANNING IN THE PRAIRIES: DOES WATERFOWL MANAGEMENT HELP GRASSLAND BIRDS?</u> DOUGLAS H. JOHNSON; STEPHEN K. DAVIS; ROLF R. KOFORD	<u>GIS HABITAT MODELS PRIORITIZE ROADSIDE PRAIRIE RESTORATION SITES IN MINNESOTA</u> PAUL BOCKENSTEDT; CARMELITA NELSON	<u>THE ROLE OF FORB SEEDING RATE IN ENHANCING FLORISTIC DIVERSITY IN PRAIRIE RECONSTRUCTIONS</u> MATTHEW J. PETERS; SHAWN P. SCHOTTLER	TOM FULLER- LEAST IOWA REGIONAL REPRESENTATIVE PHEASANTS FOREVER RELOAD IOWA AND OTHER INITIATIVES TO CREATE AND RESTORE GRASSLANDS IN IOWA
9:20-9:40 A.M.	<u>TO HAY OR NOT TO HAY: SHORT- AND LONG-TERM EFFECTS OF HAYING ON BREEDING BIRD POPULATIONS IN CRP GRASSLANDS IN THE NORTHERN GREAT PLAINS</u> LAWRENCE D. IGL; DOUGLAS H. JOHNSON	<u>RESTORING FIRE ON MINNESOTA ROADSIDES</u> KEN GRAEVE	<u>NO EVIDENCE OF LOCAL ADAPTATION IN SEEDLING RECRUITMENT OF A NATIVE PRAIRIE PLANT</u> AMY B. DYKSTRA; RUTH G. SHAW	JENNIFER ANDERSON-CRUZ- LBIOLOGIST IOWA NATURAL RESOURCES CONSERVATION SERVICE PRESERVATION AND RESTORATION THROUGH THE NRCS WETLANDS RESERVE PROGRAM
9:40-10:00 A.M.	<u>RESTORING AGRICULTURAL LANDS: ANALYSIS OF SOIL COMPACTION AND GERMINATION</u> HEATH MEYER	<u>ROADSIDE PRESCRIBED FIRE: PERSPECTIVES FROM THE STATE AND COUNTY LEVELS</u> JOSH BRANDT; JOE KOOIKER	<u>A COMPARISON OF HIGH AND LOW DIVERSITY PRAIRIE PLANTINGS</u> CARLA DELUCCHI	JOHN WHITTAKER- DIRECTOR OF THE FARM SERVICE AGENCY IN IOWA
10-10:20 A.M.	Break Schindler Ed Center Lobby			

WEDNESDAY AUGUST 4	CONCURRENT SESSION 4 SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA			
TIME	INVASIVE SPECIES ROOM - 252	CULTURAL PRAIRIE STUDIES ROOM - 246		SYMPOSIUM ROOM - 245
10:20-10:40 A.M.	RESTORING INVASIVE PLANT SPECIES (<u>TANACETUM VULGARE</u> , <u>CENTAUREA MACULOSA</u>) DOMINATED AREAS BY MEANS OF ASSISTED SUCCESSION JAMIE HANSON	GENERAL LAND OFFICE SURVEY VEGETATION ANALYSIS FOR EFFIGY MOUNDS NATIONAL MONUMENT DENISE BOUDREAU		ROADSIDES THE BIOLOGY AND BUREAUCRACY OF PRAIRIE IN ROADSIDES: NATIVE VEGETATION AT WORK STEVE HOLLAND, MODERATOR KEN GRAEVE; CAROL WIENHOLD; STACY ARMSTRONG; MARK MASTELLER
10:40-11:00 A.M.	EVALUATING THE IMPACT OF SPRING GRAZING ON PHALARIS ARUNDINACEAE INVADED WETLANDS HEIDI HILLHOUSE; SUSAN TUNNELL; JIM STUBBENDIECK	BISON, BUFFALO-FISH, AND THE CANVASBACK DUCK: UNDERSTANDING THE PRAIRIE LAKES REGION FROM AN ECOSYSTEM PERSPECTIVE STEPHEN THOMFORDE; PETER ALLEN		
11:00-11:20 A.M.	SEARCH, SMELL, AND SPRAY: A STRATEGY FOR MONITORING AND CONTROLLING LESPEDEZA CUNEATA KAREN R. VISTE-SPARKMAN	ARTFUL ACTS OF (PRAIRIE) RESTORATION: THE LANDSCAPE PAINTINGS OF KEITH JACOBSHAGEN MARY PINARD		
11:20-11:40 A.M.	NATIVE FORB AND SHRUB TOLERANCE TO AMINOPYRALID. MARY HALSTVEDT; BYRON SLEUGH; RODNEY LYM; K. GEORGE BECK; ROGER BECKER; CELESTINE DUNCAN; PETER RICE	"TO LIVE ONLY IN BOOKS": READING AND WRITING RESTORATION MATT LOW		
11:40-12:00 P.M.	JAPANESE RASPBERRY (<u>RUBUS PARVIFOLIUS</u> L.): AN INVASIVE SPECIES THREAT IN SAVANNA AND PRAIRIE. PAULINE DROBNEY; MARK P. WIDRLECHNER			
NOON	Lunch	Meal plan or on your own		

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WEDNESDAY AUGUST 4	CONCURRENT SESSION 5 SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA		
TIME	PRAIRIE AND ENERGY ROOM - 252	PRAIRIE RESTORATION AND RECONSTRUCTION ROOM - 246	EDUCATION AND OUTREACH ROOM - 247
1:00-1:20 P.M.	BIOMASS YIELDS FOR PELLET PRODUCTION FROM RECONSTRUCTED PRAIRIE PATCHES IN SOUTHEASTERN MINNESOTA DANIEL WILSON; BRUNO BORSARI	THE EFFECTS OF MYCORRHIZAL INOCULANT AND MICRONUTRIENT SEED TREATMENT ON EARLY ESTABLISHMENT OF A TALLGRASS PRAIRIE RECONSTRUCTION CHRISTOPHER BARBER; DARYL SMITH; DAVE WILLIAMS	INTRODUCTION TO UNDERSTANDING "IOWA FLORA" AND ITS ORIGINS: READING THE PRAIRIE THROUGH POETRY MARY STARK; STEPHEN R. JOHNSON
1:20-1:40 P.M.	THE EFFECT OF TALLGRASS PRAIRIE SPECIES COMPOSITION ON ABOVE-GROUND BIOMASS PRODUCTION. MOLLY SCHLUMBOHM; DARYL SMITH; DAVE WILLIAMS	PRECISION PRAIRIE RECONSTRUCTION (PPR): A NEW OPTION FOR INCREASING FORB SPECIES RICHNESS IN OLD FIELDS AND GRASSLAND RESTORATIONS. CAROLYN E. GRYGIEL; JACK E. NORLAND; MARIO E. BIONDINI	PRAIRIE RESTORATION: RECONSTRUCTING PRAIRIE IN THE HEARTS AND MINDS OF THE HUMAN COMMUNITY MARCELLA RIDGWAY; DAVID MONK
1:40-2:00 P.M.	RISKS OR REWARDS FROM BIOFUELS: WILL WE BE PROACTIVE OR REACTIVE? PAUL C. CHARLAND	INFLUENCE OF SEEDING RATE AND DIVERSITY ON ESTABLISHMENT OF PRAIRIE, WEEDY, AND NON-NATIVE PLANT SPECIES IN PRAIRIE RESTORATIONS KRISTINE T. NEMEC; CRAIG R. ALLEN; CHRIS HELZER	THE CAJUN PRAIRIE: A SOCIETY, A RESTORATION PROJECT, A BOOK AND A HISTORY OF RESEARCH. MALCOLM F. VIDRINE; CHARLES M. ALLEN
2:00-2:20 P.M.	PRAIRIE POLY CULTURES AND LOCAL BIOENERGY STEVE JOHN	NATIVE TALLGRASS PRAIRIE RECONSTRUCTION AND MANAGEMENT AT NEWPORT CHEMICAL DEPOT, INDIANA PHILLIP COX	HOW FUNDERS AND EVALUATORS SHAPE PRAIRIE PROGRAMS: THE CASE OF 30-PLUS YEARS OF THE LOESS HILLS PRAIRIE SEMINAR IN IOWA NANCY GRUDENS-SCHUCK; JEAN C. EELLS; DIANNE BLANKENSHIP
2:20-2:40 P.M.	BIRD, BUTTERFLY, AND SMALL MAMMAL COLONIZATION DURING EARLY ESTABLISHMENT IN A PRAIRIE BIOFUEL PROJECT JAMES MASON; MARK C. MYERS		PRAIRIE PRESERVATION WHERE THERE IS NONE DAVID MONK
2:40-3 P.M.	Break	Schindler Ed Center Lobby	
WEDNESDAY AUGUST 4	CONCURRENT SESSION 6 SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA		
TIME	PRAIRIE MANAGEMENT ROOM - 252	EDUCATION AND OUTREACH ROOM - 247	SYMPOSIUM ROOM - 245
3:00-3:20 P.M.	BURNING IN THE URBAN INTERFACE: LESSONS LEARNED JENS JENSEN	A SMALL TOWN ON THE EDGE OF THE PRAIRIE - FROM THAT PERSPECTIVE COME SOME THOUGHTS ON THE VALUES AND LEGACY OF THE GENERATION THAT FOLLOWED LAURA INGALLS WILDER'S IN THE UPPER MIDWEST J. A. SCHWARZMEIER	LEARNING FROM PRAIRIE CEMETERIES STEPHEN LONGMIRE, MODERATOR
3:20-3:40 P.M.	A COMPARISON OF THE EFFECTS OF BURNING, HAYING, AND MOWING AS MANAGEMENT TECHNIQUES ON PLANT AND ANIMAL SPECIES IN A PRAIRIE RECONSTRUCTION RYAN NEUHAUS; DAVE WILLIAMS; DARYL SMITH	IT'S THE LITTLE THINGS THAT COUNT - PHOTOS AND STORIES OF PRAIRIE DIVERSITY CHRIS HELZER	3:00 P.M. LIFE AND DEATH ON THE PRAIRIE STEPHEN LONGMIRE
3:40-4:00 P.M.	CANADA THISTLE MANAGEMENT IN MINNESOTA NATIVE PRAIRIES. ROGER BECKER; MILT HAAR	IMAGES OF PRAIRIE DIVERSITY VERSUS MICROSOFT'S MONOCULTURALISM DOUGLAS CAULKINS	3:25P.M. THE EASTERN IOWA ROCHESTER CEMETERY SAVANNA: A REQUIEM DIANA HORTON
4:00-4:20 P.M.	PRIVATE LANDOWNER POWER- WISCONSIN'S LANDOWNER INCENTIVE PROGRAM DARCY KIND	COLLABORATIVE IOWA PRAIRIE MURAL PAINTING BY PRE-SERVICE ELEMENTARY TEACHERS ANDREW MCCORMICK; WENDY MILLER	3:50 P.M. LESSONS LEARNED FROM A DECADE OF PROTECTING AND MANAGING PIONEER CEMETERY NATURAL AREAS IN ILLINOIS ANGELLA MOOREHOUSE

WEDNESDAY AUGUST 4 POSTER SESSIONS | ROOMS - 320, 321, 322, 325 | UPPER LEVEL - SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA

TIME	POSTER TITLES
4:40-5:20 P.M.	<ul style="list-style-type: none"> ■ <u>A COMPARISON OF BIRD, INVERTEBRATE, AND SMALL MAMMAL GRANIVORY AT AN IOWA PRAIRIE</u> -MARK F. HAMMER ■ <u>EVALUATION AND INTERPRETATION OF SPATIAL PATTERN OF GRASSLANDS IN THE LOESS HILLS</u> -DUSTIN FARNSWORTH ■ <u>WHY PLANT PURE LIVE SEED?</u> -JOHN M. ROW ■ <u>EFFECT OF FIRE, HERBICIDE, AND MOWING ON INVASIVE SMOOTH BROME (BROMUS INERMIS) AND RE-ESTABLISHMENT OF A SAND PRAIRIE</u> -JESSICA A. BOLWAHN ■ <u>USING PATCH-BURN GRAZING TO MEET CONSERVATION OBJECTIVES IN A WORKING LANDSCAPE</u> -JENNIFER M. DELISLE ■ <u>CAJUN PRAIRIE SOILS AS RESERVOIR OF WATER, LEAD AND ARSENIC</u> -GABRIEL N. GOTTE ■ <u>COMPETITIVE AND ALLELOPATHIC EFFECTS OF AN INVASIVE GRASS, TALL FESCUE (FESTUCA ARUNINDACEAE) ON NATIVE SPECIES OF GRASSES</u> -ADITI SINHA ■ <u>CELLULOSE AND LIGNIN CONCENTRATIONS IN PRAIRIE AND WETLAND SPECIES: IMPLICATIONS FOR ETHANOL PRODUCTION</u> -ADAM H. WARNEK ■ <u>ILLINOIS HILL PRAIRIE STATE WILDLIFE GRANT PROJECT</u> -MARK PHIPPS ■ <u>TERMS OF SUCCESSFUL ESTABLISHMENT OF HORTICULTURAL PRAIRIE PLANTINGS IN BERLIN, GERMANY</u> -ANJA SCHMITHALS ■ <u>NINE YEARS OF VEGETATION CHANGES IN A REMNANT SAND PRAIRIE AND ADJOINING OLD-FIELD 24 TO 32 YEARS AFTER CULTIVATION ENDED</u> -SUSAN J. KIRT ■ <u>SOILS MATTER: NATIVE AND RECONSTRUCTED PRAIRIES DIFFER IN PLANT SPECIES COMPOSITION AND SOIL CARBON AND NUTRIENTS</u> -MARY C DAMM ■ <u>DEVELOPING PREDICTIVE MODELS FOR ENDANGERED NATIVE PRAIRIE PLANT SPECIES: SMALL WHITE LADY'S SLIPPER CYPRIPIEDUM CANDIDUM, WESTERN PRAIRIE WHITE FRINGED ORCHID PLATANThERA PRAECLARA AND WESTERN SILVERY ASTER SYMPHIOTRICHUM SERICEUM</u> -JOHN .P. MORGAN ■ <u>BUILDING A COLLABORATIVE APPROACH TO PRAIRIE AND SAVANNA CONSERVATION IN IOWA'S LITTLE SIOUX VALLEY</u> -MARY COX ■ <u>RESTORATION OF CEDAR BEND SAVANNA</u> -JENNIFER FILIPIAK ■ <u>AN AUTECOLOGICAL STUDY OF SPHENOPHOLIS OBTUSATA FOR USE IN PRAIRIE WETLAND RESTORATION</u> -BRYAN D. SIMON ■ <u>LEVELS OF INTRASPECIFIC PLOIDY VARIATION IN NE IOWA PRAIRIE SPECIES AND IMPLICATIONS FOR RESTORATION</u> -ERIC J. BAACK

BIOFUELS FORUM
 ROOM - 252 | 4:40-5:20 P.M.

PAUL CHARLAND-USFWS, MODERATOR

This is an important issue of our times and prairie conservationists need to be at the table when political decisions are being made that shape solutions to our energy needs. Could a future vision for the Midwest include a matrix of prairie on the landscape to assist in local energy production? This meeting is about hearing your thoughts, bringing them together with others for development of strategies.

DISCUSSIONS OF IMPLICATIONS FROM SMALL TOWN LIKE WRITINGS FOR OUR TIME
 ROOM - 247 | 4:40-5:20 P.M.

JERRY SCHWARZMEIR-CONSERVATIVE CONCEPT CONSULTING, MODERATOR

WEDNESDAY AUGUST 4 22ND NORTH AMERICAN PRAIRIE CONFERENCE

TIME	EVENT	PLACE
5-6 P.M.	Marshall Center School Museum Open	North of Schindler Parking
6-8 P.M.	Social and Banquet	Maucker Union
8:30 P.M.	John Price, University of Nebraska at Omaha: <i>A Personal and Literary Journey into Prairie</i>	Maucker Union

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THURSDAY AUGUST 5	CONCURRENT SESSION 7 SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA		
TIME	SEED AND SOIL ECOLOGY ROOM - 252	PRAIRIE WETLANDS AND NATIVE LANDSCAPING/URBAN PRAIRIES ROOM - 246	SYMPOSIUM ROOM - 245
8:00-8:20 A.M.	SEED BANK COMPOSITION AND ECOLOGY IN A DISTURBED FLOODPLAIN GRASSLAND THOMAS ROSBURG; SARAH GREEN	REDISCOVERING A RARE PLANT COMMUNITY: THE NATURAL HISTORY, FLORA, AND RESTORATION ECOLOGY OF WET PRAIRIE PLANT COMMUNITIES OF THE ANOKA SAND PLAIN OF EAST CENTRAL MINNESOTA, USA. JASON J. HUSVETH	SUSTAINABILITY OF NATURAL RESOURCES IN SMALL NATIONAL PARKS OF THE GREAT PLAINS GARY WILLSON, MODERATOR GARY WILLSON; JAMES STUBBENDIECK; LARKIN POWELL; JACK CULLY; MICHAEL STAMBAUGH
8:20-8:40 A.M.	GRASSLAND SEED BANK COMPOSITION AND RESTORATION POTENTIAL ACROSS A LAND MANAGEMENT SPECTRUM JASON ZYLKA; BRENDA MOLANO FLORES; CHRISTOPHER WHELAN	ESTABLISHING ATTRACTIVE NATIVE LANDSCAPING INGER LAMB	
8:40-9:00 A.M.	NATIVE SEED PRODUCTION AND PROPAGATION AT MIDEWIN NATIONAL TALLGRASS PRAIRIE, ILLINOIS. JENNIFER DURKIN; ERIC ULASZEK; WILLIAM GLASS	SUCCESSFULLY INCORPORATING PRAIRIE INTO THE URBAN LANDSCAPE MARC PASTOREK; WES MICHAELS	
9:00-9:20 A.M.	PROPAGATION AND AGRONOMIC SEED INCREASE OF NATIVE SEDGES (<i>CAREX</i> spp.) GREG A. HOUSEAL	NATIVE LANDSCAPING: TALLGRASS MAKES A COMEBACK IN THE SUBURBS NIKKI GUILLOT; LAURA TURNBULL; TED SEMADENI	
9:20-9:40 A.M.	ABOVE- AND BELOWGROUND RESPONSE TO HIGH AND LOW DIVERSITY GRASSLAND PLANTING PRACTICES THROUGH THE CONSERVATION RESERVE PROGRAM ELIZABETH M. BACH; SARA G. BAER; JOHAN SIX	RECENT REDISCOVERY OF RARE PLANTS OF EPHEMERAL RAINWATER POOLS IN SIOUX QUARTZITE PRAIRIES IN SOUTHWESTERN MINNESOTA FRED HARRIS	
9:40-10:00 A.M.	PHYSIOCHEMICAL CHARACTERISTICS OF CAJUN PRAIRIE SOILS AT DIFFERENT DEPTHS DOMINGO M. JARIEL; BENJAMIN J. DUPLANTIS; MALCOLM F. VIDRINE	AN EVALUATION OF VEGETATION AND PLANT COMMUNITIES AT RECONSTRUCTED AND NATURAL WETLANDS THOMAS ROSBURG	

THURSDAY AUGUST 5		POSTER SESSIONS ROOMS - 320, 321, 322, 325 UPPER LEVEL - SCHINDLER EDUCATION CENTER, UNIVERSITY OF NORTHERN IOWA
TIME	POSTER TITLES	
10-10:40 A.M.	<ul style="list-style-type: none"> ■ <u>FEDERALLY ENDANGERED LEAFY PRAIRIE CLOVER (<i>DALEA FOLIOSA</i>) RECOVERY AT MIDEWIN NATIONAL TALLGRASS PRAIRIE, ILLINOIS</u> -ERIC ULASZEK ■ <u>INITIAL SURVEY OF SOIL INVERTEBRATES IN AN OKLAHOMA DISTURBED GRASSLAND.</u> -ERICA A. CORBETT ■ <u>CONSERVING THE HERTIAGE OF NATIVE PLANTS</u> -JERRY U. KAISER ■ <u>RESPONSE OF HERBACEOUS PLANT COMMUNITY AFTER REMOVAL OF WOODY VEGETATION IN A TALLGRASS PRAIRIE RESTORATION</u> -SHARON M. ASHWORTH ■ <u>SIZE CLASS COMPARISONS AND TREE SPECIES COMPOSITION OF BUR OAK (<i>QUERCUS MACROCARPA MICHX.</i>) SAVANNAS IN CENTRAL AND EASTERN NEBRASKA</u> -STEVEN J. ROTHENBERGER ■ <u>NATIVE AND EXOTIC SEED DISPERSAL BY BISON IN A RECONSTRUCTED PRAIRIE</u> -EMILY ARTZ ■ <u>USING RESTORATIONS IN THE HIGH SCHOOL CLASSROOM TO STUDY SERAL STAGES OF THE TALLGRASS PRAIRIE</u> -ANDREW M. ISING ■ <u>MANAGING PRAIRIES FOR BIOENERGY AND WILDLIFE: ECOSYSTEM SERVICES FROM LOCAL RENEWABLE ENERGY</u> -JACOB JUNGERS ■ <u>THE EFFECTS OF MOWING ON PLUMELESS THISTLE (<i>CARDUUS ACANTHOIDES</i>) SEED PRODUCTION AND NATIVE FORB DIVERSITY AND ABUNDANCE DURING THE EARLY YEARS OF A PRAIRIE RESTORATION IN NORTHERN MINNESOTA</u> -REBECCA ESSER ■ <u>COLLECTION, EVALUATION, AND SELECTION OF A CENTRAL REGION LITTLE BLUESTEM (<i>SCHIZACHYRIUM SCOPARIUM</i>)</u> -RON CORDSIEMON ■ <u>FLORISTIC QUALITY ASSESSMENT OF 15 PRAIRIE RECONSTRUCTIONS AND 3 NATIVE PRAIRIES IN INDIANA</u> -PAUL E. ROTHROCK ■ <u>URBAN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS TALENT EXPANSION PROGRAM (USTEP)</u> -SUSAN J. KIRT ■ <u>MONITORING THE ANNUAL INCREASE IN GARLIC MUSTARD IN EASTERN NEBRASKA</u> -THOMAS L. FREEMAN ■ <u>TREES FOREVER: FOR 20 YEARS, EDUCATING AND ASSISTING IOWA COMMUNITIES ABOUT THE USE OF NATIVE SPECIES IN LANDSCAPE & TRANSPORTATION ENHANCEMENT PROJECTS</u> -MARK PINGENOT ■ <u>USING MICROSATELLITE ANALYSIS TO STUDY GENETIC DIVERSITY OF BUTTERFLY MILKWEED (<i>ASCLEPIAS TUBEROSA</i>) IN IOWA NATIVE PRAIRIES</u> -ZACK PETERSEN ■ <u>BASAL TRICLOPYR TREATMENT FOR CONTROL OF HERBACEOUS WEEDS</u> -THOMAS D. BROCK 	
EVEN NUMBERED POSTER PRESENTERS		

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THURSDAY AUGUST 5		22 ND NORTH AMERICAN PRAIRIE CONFERENCE
TIME	EVENT	PLACE
10:40-11 A.M.	Break	Schindler Ed Center Lobby
11 A.M.-NOON	Closing Session	Schindler Ed Center Rooms 244, 245, 246
11-11:15 A.M.	Richard Leopold, Director of Iowa DNR: <i>Importance of Iowa Prairies</i>	Schindler Ed Center Rooms 244, 245, 246
11:15 A.M.-NOON	Daryl Smith, Tallgrass Prairie Center - UNI: <i>Restoring a National Treasure</i>	Schindler Ed Center Rooms 244, 245, 246