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Scholarly Communications, Annual Report, Fiscal/ Academic Year 2007–2008

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Digital Commons Institutional Repository

1. Content recruitment
2. Usage & outreach
3. Staffing
4. Outlook

Publications, Presentations, Service

Digital Commons Institutional Repository

The academic year 2007-2008 represented the third year of operation for the UNL Digital Commons, which continues to be an extremely effective vehicle for disseminating the scholarly output of the University of Nebraska–Lincoln and affiliated organizations, as well as valuable means of enhancing the Library’s status as a provider of electronic services to the UNL community. Following are some highlights:

1. Content recruitment. The amount of new material added to the repository exceeded that added the previous year: 7,118 open-access articles (19% more than the 5,977 added in 2006–2007), and 213 restricted-access ETD’s (compared to 329 the previous year).

Significant collections were assembled in agronomy, agricultural economics, AGLEC (Agricultural Leadership, Education & Communication), the ADAPT program, animal sciences, biochemistry, biological sciences, educational psychology, electrical engineering, entomology, geosciences, music, natural resources, plant pathology, plant science, sociology, veterinary and biomedical science, and virology. Existing collections in psychology, physics, chemistry, English, political science, history, library science, and Teaching, Learning and Teacher Education were enhanced with substantial additional materials. The Internet Center for Wildlife Damage Management, the Lester Larson Tractor Test Museum, and the Manter Laboratory of Parasitology continued to be active partners, contributing large numbers of documents. A further highlight was the recruitment of several monograph series and entire journal runs: *Court Review*, *Insecta Mundi*, *Cornhusker Economics*, *Nebraska Swine Reports*, *Nebraska Beef Reports*, *Journal of Parasitology*, *Nebraska Studies in Language, Literature, and Criticism*, and *Nebraska University Studies*. Test runs of *Great Plains Research* and *Great Plains Quarterly* were also added.

A new recruitment strategy, where we first locate the articles and then pursue permission from the authors, proved much more successful than approaching potential participants “cold.” The pressure of finding 30 to 50 documents per day for the work-study assistant (Jessi Chandler) to upload was an incentive to search hard and develop productive strategies for recruitment. In early February, I had no idea where our next dozen articles were coming from—yet, since then, we have located and added more than 4,500 documents, an average of over 900 per month. I

was concerned that in the previous year we had gathered so much of the “low-hanging fruit” that harvesting would become much more difficult, but this has not been the case.

A chart of contents added by month is attached.

2. Usage & outreach. Perhaps the most surprising development has been in the overwhelming growth in usage of the online materials we have collected and posted. Usage continues to grow at a rate of 10% to 15% per month—for the year it increased by a factor of 3.72: there were 123,338 downloads from the repository in June 2008, compared to 33,197 in June 2007. For the year July '07–June '08, there were 829,225 downloads. Part of this reflects the growth of the contents, but much also results from the doubling of the usage rate per article: from 3.96 article⁻¹ month⁻¹ in June 2007, to 7.92 article⁻¹ month⁻¹ in June 2008.

Analysis of the sources of these downloads shows several significant facts: 1) 75% of downloads originate from Google searches; 2) one-third of Google-originated downloads are from outside the USA; and 3) downloads are regularly furnished to more than 120 countries.

A list of the most popular downloads is attached.

3. Staffing. Mention was made earlier of Jessi Chandler, the work-study assistant who specializes in uploading documents. Her outstanding contribution has made possible the rapid growth of the repository contents. Given her rate of output and her federally-subsidized wage, the library's cost for her work is roughly 10¢ per article added. Notice should also be given to Nathan Raabe, the work-study student who specialized in scanning and making PDF files from hard copy. Nathan rapidly became an expert at this, and the library's cost for his work (after federal subsidy) was about 3¢/page. Nathan's work made possible the additional of some very valuable content, including a number of whole books by Paul Johnsgard.

4. Outlook. For most of the year, the UNL Digital Commons was the fourth largest institutional repository in the USA. In June, Texas A&M added approximately 70,000 electronic records to their IR, jumping them to the head of the pack, and pushing UNL back to fifth. However, the UNL Digital Commons now stands only about 1200 documents behind MIT's D-Space, and at current rates of addition will overtake them and reclaim the fourth spot some time in early autumn.

Rankings aside, however, the better question is how well is the Digital Commons serving the UNL faculty? Indications are that it is doing very well in terms of both faculty participation and participant satisfaction. In fact, the most prolific source of new content over the past several months has been word of mouth: faculty telling other faculty that the IR is something they should participate in. The new challenge is in keeping up with gathering, preparing, and depositing the works of these volunteer participants.

On another front, I believe the Digital Commons (along with other digital initiatives) has helped to identify the Library as the best partner for UNL faculty who wish to explore or develop electronic publication and online dissemination of scholarly output. We have made a policy of working with all comers, and I would very much like to continue this, despite the added pressure brought about by our increased acceptance and success.

Publications, Presentations, Service

Articles

"Publishing Original Content in an Institutional Repository," *Serials Review* 34:1 (2008), 27–30; special issue on "Open Access Revisited." doi:10.1016/j.serrev.2007.12.002 Open-access preprint at <http://digitalcommons.unl.edu/libraryscience/126/>

Presentations

"How to Fill Your Institutional Repository, or, Practical Lessons I Learned by Doing," American Library Association Convention, Anaheim, California, June 30, 2008. http://digitalcommons.unl.edu/library_talks/40/

"Research Showcase: UNL's Institutional Repository," American Library Association Convention, Anaheim, California, June 30, 2008. http://digitalcommons.unl.edu/library_talks/41/

"UNL's Institutional Repository," University of Nebraska Consortium of Libraries Workshop, March 20, 2008. http://digitalcommons.unl.edu/library_talks/42/

"The UNL Digital Commons Institutional Repository," Emeriti Association of the University of Nebraska–Lincoln, March 18, 2008. A podcast (approximately 1 hour) of this presentation is online at <http://emeriti.unl.edu/AV2.html>

"Copyright: The Crash Course," UNL Information Services, December 6, 2007, invited presentation on intellectual property. http://digitalcommons.unl.edu/ir_information/53/

Electronic editions (published online)

Aphra Behn, *The Widow Ranter, or, The History of Bacon in Virginia* (1690) <http://digitalcommons.unl.edu/etas/45/>

Edward Burrough, *A Declaration of the Sad and Great Persecution and Martyrdom of the People of God, called Quakers, in New-England, for the Worshipping of God* (1661) <http://digitalcommons.unl.edu/etas/23/>

Thomas Hariot, *A Brief and True Report of the New Found Land of Virginia* (1588) <http://digitalcommons.unl.edu/etas/20/>

Jane Fenn Hoskens, *The Life and Spiritual Sufferings of That Faithful Servant of Christ Jane Hoskens, a Public Preacher among the People Called Quakers* (1771) <http://digitalcommons.unl.edu/etas/24/>

Jackson Johonnet [pseud.], *The Remarkable Adventures of Jackson Johonnet, of Massachusetts* (1793) <http://digitalcommons.unl.edu/etas/32/>

John Mason, *A Brief History of the Pequot War* (1736) <http://digitalcommons.unl.edu/etas/42/>

Cotton Mather, *The Negro Christianized. An Essay to Excite and Assist that Good Work, the Instruction of Negro-Servants in Christianity* (1706) <http://digitalcommons.unl.edu/etas/28/>

Jonathan Mayhew, *A Discourse concerning Unlimited Submission and Non-Resistance to the Higher Powers: With some Reflections on the Resistance made to King Charles I. And on the Anniversary of his Death: In which the Mysterious Doctrine of that Prince's Saintship and Martyrdom is Unriddled* (1750).
<http://digitalcommons.unl.edu/etas/44/>

John Underhill, *Newes from America; Or, A New and Experimentall Discoverie of New England; Containing, A True Relation of Their War-like Proceedings These Two Yeares Last Past, with a Figure of the Indian Fort, or Palizado* (1638) <http://digitalcommons.unl.edu/etas/37/>

Philip Vincent [P. Vincentius], *A True Relation of the Late Battell fought in New England, between the English, and the Salvages: With the present state of things there.* (1637) <http://digitalcommons.unl.edu/etas/35/>

George Washington, *The Journal of Major George Washington* (1754)
<http://digitalcommons.unl.edu/etas/33/>

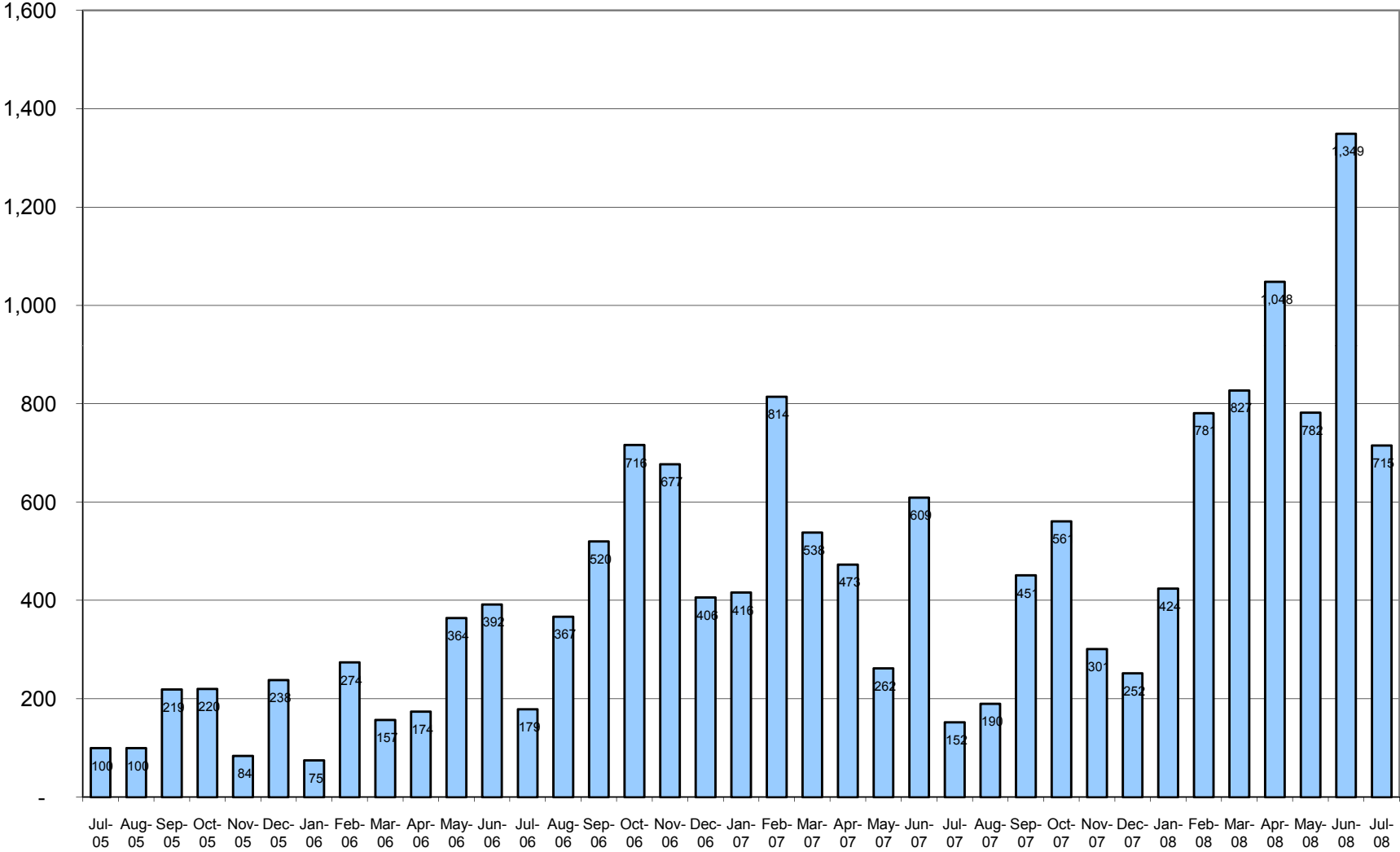
Committees / Service

GWLA Task Force on Institutional Repositories

UNL Office of Research Compliance — Advisor on NIH PubMed Central deposits

Collection Development Committee — Subcommittee on Electronic Books

Articles added to IR by Month



Top 100 Full-Text Downloads for 7/1/ 2007 through 6/30/2008 for DigitalCommons@University of Nebraska - Lincoln

Title	URL	
The Probe, Issue 213 – November/December 2000	http://digitalcommons.unl.edu/icwdmprobe/72	11002
The Constitutions of the Free-Masons (1734). An Online Electronic Edition.	http://digitalcommons.unl.edu/libraryscience/25	4695
Arthur Paul Afghanistan Collection Bibliography - Volume II: English and European Languages (2000)	http://digitalcommons.unl.edu/afghanenglish/13	4663
Online Dictionary of Invertebrate Zoology: Complete Work	http://digitalcommons.unl.edu/onlinedictinvertebratezoology/2	3287
EFFECTS OF OFFSHORE OIL AND GAS DEVELOPMENT: A CURRENT AWARENESS BIBLIOGRAPHY	http://digitalcommons.unl.edu/libraryscience/114	2857
A Description of New England (1616): An Online Electronic Text Edition	http://digitalcommons.unl.edu/etas/4	2685
Electronic Rodent Repellent Devices: A Review of Efficacy Test Protocols and Regulatory Actions	http://digitalcommons.unl.edu/nwrcrepellants/34	2296
La presencia del dolor en la obra poética de Garcilaso de la Vega, Diego Hurtado de Mendoza, Gutierre de Cetina, Lope de	http://digitalcommons.unl.edu/modlangdiss/2	2204
Work Motivation, Job Satisfaction, and Organisational Commitment of Library Personnel in Academic and Research Librari	http://digitalcommons.unl.edu/libphilprac/118	2138
IMMIGRATION, THE AMERICAN WEST, AND THE TWENTIETH CENTURY: GERMAN FROM RUSSIA, OMAHA INDIAN, AND VIE	http://digitalcommons.unl.edu/historydiss/1	2107
Long-Term Consequences of Childhood Physical Abuse	http://digitalcommons.unl.edu/psychfacpub/99	2051
POÉTICA DE LO SOEZ: Luis Rafael Sánchez: IDENTIDAD Y CULTURA EN AMÉRICA LATINA Y EN EL CARIBE	http://digitalcommons.unl.edu/modlangdiss/1	2037
The Wonders of the Invisible World. Observations as Well Historical as Theological, upon the Nature, the Number, and the	http://digitalcommons.unl.edu/etas/19	2031
A Brief and True Report of the New Found Land of Virginia (1588)	http://digitalcommons.unl.edu/etas/20	1576
Coyote and Wolf Habitat Use in Northwestern Montana	http://digitalcommons.unl.edu/icwdm_usdanwrc/71	1569
PRODUCTION OF ETHERS OF GLYCEROL FROM CRUDE GLYCEROL - THE BY-PRODUCT OF BIODIESEL PRODUCTION	http://digitalcommons.unl.edu/chemeng_biomaterials/18	1421
PIGEON ASSOCIATED PEOPLE DISEASES	http://digitalcommons.unl.edu/icwdmbirdcontrol/21	1371
EN BUSCA DE UNA TIPOLOGÍA MATERNAL: (RE)CONSIDERANDO LA MUJER-MADRE EN LA ESPAÑA DE LOS SIGLOS XIX Y XX	http://digitalcommons.unl.edu/modlangdiss/3	1319
Bach-Busoni Chaconne: A Piano Transcription Analysis	http://digitalcommons.unl.edu/musicstudent/3	1315
VOLE CONTROL IN THE EASTERN UNITED STATES	http://digitalcommons.unl.edu/ewdcc2/37	1308
A Continuous Process for the Conversion of Vegetable Oils into Methyl Esters of Fatty Acids	http://digitalcommons.unl.edu/chemeng_biomaterials/12	1268
Justice According to Law	http://digitalcommons.unl.edu/midwestqtrly/6	1244
RODENTS AS A FOOD SOURCE	http://digitalcommons.unl.edu/vpc14/30	1235
NATIVE AMERICAN HISTORY, COMPARATIVE GENOCIDE AND THE HOLOCAUST: HISTORIOGRAPHY, DEBATE AND CRITICAL	http://digitalcommons.unl.edu/historydiss/2	1202
HIGH FREQUENCY SOUND DEVICES LACK EFFICACY IN REPELLING BIRDS	http://digitalcommons.unl.edu/vpc15/26	1189
Bibliography of literature published on scarab beetles since 1 January 2001 (worldwide coverage)	http://digitalcommons.unl.edu/entomologypapers/1	1177
The Place of Archery in Greek Warfare	http://digitalcommons.unl.edu/classicsfacpub/9	1153
A Brief History of the Warr with the Indians in New-England (1676): An Online Electronic Text Edition	http://digitalcommons.unl.edu/libraryscience/31	1127
Literary Symbolism	http://digitalcommons.unl.edu/modlangfrench/28	1110
Forensic interviewing in child sexual abuse cases: Current techniques and future directions	http://digitalcommons.unl.edu/psychfacpub/6	1061
CONTROL OF NUISANCE PESTS IN SUBURBIA	http://digitalcommons.unl.edu/vpc3/17	1033
Manejo del Riesgo por Fauna Silvestre en Aeropuertos	http://digitalcommons.unl.edu/birdstrikeother/5	1003
Improved conversion of plant oils and animal fats into biodiesel and co-product	http://digitalcommons.unl.edu/chemeng_biomaterials/20	992
Fermentation Strategies for Recombinant Protein Expression in the Methylophilic Yeast Pichia pastoris	http://digitalcommons.unl.edu/chemengbiochemeng/11	983
Advertising Brochure: Farmall A, B & C	http://digitalcommons.unl.edu/tractormuseumlit/450	955
LA EVOLUCIÓN DE LA VOZ FEMENINA EN EL CUENTO ESPAÑOL ENTRE LOS GRUPOS GENERACIONALES DE "LAS HIJAS DE L	http://digitalcommons.unl.edu/modlangdiss/5	913

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Title	URL	
SCARECROWS AND PREDATOR MODELS FOR FRIGHTENING BIRDS FROM SPECIFIC AREAS	http://digitalcommons.unl.edu/vpc15/49	913
De Bestiis Marinis, or, The Beasts of the Sea (1751)	http://digitalcommons.unl.edu/libraryscience/17	891
POISONOUS SNAKES AND SNAKEBITE IN NEBRASKA	http://digitalcommons.unl.edu/icwdmother/23	870
Sharing Grief/Initiating Consolation:Voltaire's Letters of Condolence	http://digitalcommons.unl.edu/modlangfrench/16	862
VITAMIN Kt TREATMENT OF BRODIFACOUM POISONING IN DOGS	http://digitalcommons.unl.edu/vpcthirteen/18	856
Advertising Brochure: Ford Diesel Tractors	http://digitalcommons.unl.edu/tractormuseumlit/463	855
African American Racial Identity Development in Predominantly White Institutions: Challenges for Student Development P	http://digitalcommons.unl.edu/pocpwi2/19	854
Online Dictionary of Invertebrate Zoology: C	http://digitalcommons.unl.edu/onlinedictinvertebratezoology/18	850
Manuel Gutiérrez Nájera 1859–1895	http://digitalcommons.unl.edu/modlangspanish/4	849
Identity and Authenticity: Explorations in Native American and Irish Literature and Culture	http://digitalcommons.unl.edu/englishdiss/3	817
INTRODUCED ANIMALS IN HAWAII'S NATURAL AREAS	http://digitalcommons.unl.edu/vpcthirteen/28	817
Music at the Fair! The Trans- Mississippi and International Exposition. An Interactive Website	http://digitalcommons.unl.edu/musicstudent/4	815
Milk for Babes. Drawn Out of the Breasts of Both Testaments. Chiefly, for the Spirituall Nourishment of <i>Boston</i> Bab	http://digitalcommons.unl.edu/etas/18	815
NEW-WORLD ANALOGUES OF THE ENGLISH AND SCOTTISH POPULAR BALLADS	http://digitalcommons.unl.edu/midwestqtrly/3	808
David Cusick's Sketches of Ancient History of the Six Nations (1828)	http://digitalcommons.unl.edu/libraryscience/24	784
The Discovery, Settlement and Present State of Kentucke (1784) : An Online Electronic Text Edition	http://digitalcommons.unl.edu/etas/3	783
ZAMI: A PORTRAIT OF AN ARTIST AS A BLACK LESBIAN	http://digitalcommons.unl.edu/englishfacpubs/28	779
MASSACHUSETTS: or The first Planters of <i>New-England, </i> The <i>End</i> and <i>Manner</i> of their coming thither	http://digitalcommons.unl.edu/scottow/7	775
Allusive Mechanics in Modern and Postmodern Fiction As Suggested by James Joyce in His Novel Dubliners	http://digitalcommons.unl.edu/englishdiss/2	770
Visions Fugitives: Insights into Prokofiev's Compositional Vision	http://digitalcommons.unl.edu/musicstudent/9	770
CONFERENCE PARTICIPANTS	http://digitalcommons.unl.edu/vpc10/9	767
Using the Project Approach with Toddlers	http://digitalcommons.unl.edu/famconfacpub/11	766
FACTORS INFLUENCING OFF-FLAVOR IN BEEF	http://digitalcommons.unl.edu/animalscidiss/1	758
Nebraska Place-Names	http://digitalcommons.unl.edu/englishunllc/1	757
Thermodynamic Analysis Of Separation Systems	http://digitalcommons.unl.edu/chemengthermalmech/2	750
Process for producing biodiesel fuel with reduced viscosity and a cloud point below thirty-two (32) degrees fahrenheit	http://digitalcommons.unl.edu/chemeng_biomaterials/1	748
Writing and Circulating Modern America: Journalism and the American Novelist, 1872-1938	http://digitalcommons.unl.edu/englishdiss/5	738
Brochure: John Deere Waterloo Works	http://digitalcommons.unl.edu/tractormuseumlit/454	732
PEST CONTROL: RODENTS	http://digitalcommons.unl.edu/icwdm_usdanwrc/67	730
Field Manual for the Identification of Selected North American Freshwater Fish by Fillets and Scales	http://digitalcommons.unl.edu/icwdmother/13	727
Parental Ethnotheories of Child Development: Looking Beyond Independence and Individualism in American Belief System	http://digitalcommons.unl.edu/famconfacpub/10	721
In.Form: The Journal of Architecture, Design, and Material Culture, Volume 7 (2007)	http://digitalcommons.unl.edu/archinform/1	718
Online Dictionary of Invertebrate Zoology: P	http://digitalcommons.unl.edu/onlinedictinvertebratezoology/9	717
CONTROL METHODS FOR SNAKES	http://digitalcommons.unl.edu/vpcone/4	716
Miniature Cattle: For Real, for Pets, for Production	http://digitalcommons.unl.edu/libraryscience/146	708
WHAT YOU WANTED TO KNOW ABOUT ALL YOU EVER HEARD CONCERNING SNAKE REPELLENTS	http://digitalcommons.unl.edu/ewdcc2/41	695

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FIELD EVALUATION OF THREE TYPES OF COYOTE TRAPS	http://digitalcommons.unl.edu/vpc15/61	694
EXCLUSIONARY METHODS AND MATERIALS TO PROTECT PLANTS FROM PEST MAMMALS--A REVIEW	http://digitalcommons.unl.edu/vpc14/59	689
The Kingdom, the Power, & the Glory: The Millennial Impulse in Early American Literature: General Introduction	http://digitalcommons.unl.edu/etas/27	687
Wildlife Hazard Management at Airports: A Manual for Airport Personnel	http://digitalcommons.unl.edu/icwdm_usdanwrc/133	679
Parent-Teen Communication About Sexual Topics	http://digitalcommons.unl.edu/psychfacpub/98	675
Core Competencies and the Learning Organization	http://digitalcommons.unl.edu/libraryscience/60	671
MANAGEMENT OF CONFLICTS BETWEEN URBAN COYOTES AND HUMANS IN SOUTHERN CALIFORNIA	http://digitalcommons.unl.edu/vpc18/1	666
The Eastmans and the Luhan: Interracial Marriage between White Women and Native American Men, 1875--1935	http://digitalcommons.unl.edu/historyfacpub/13	657
Why Study the Holocaust?	http://digitalcommons.unl.edu/library_talks/2	647
Thomas Pynchon: A Brief Chronology	http://digitalcommons.unl.edu/libraryscience/2	644
Advertising Brochure: 1965 Case Buyers Guide	http://digitalcommons.unl.edu/tractormuseumlit/445	643
IS THERE A GREEN CHEMISTRY APPROACH FOR LEACHING GOLD?	http://digitalcommons.unl.edu/chemengmining/2	642
ACTIVITY OF LM 2219 (DIFETHIALONE), A NEW ANTICOAGULANT RODENTICIDE, IN COMMENSAL RODENTS	http://digitalcommons.unl.edu/vpcthirteen/13	640
A Brief Recognition of New-Englands Errand into the Wilderness: An Online Electronic Text Edition	http://digitalcommons.unl.edu/libraryscience/35	639
A Brief History of the Pequot War (1736)	http://digitalcommons.unl.edu/etas/42	631
SNARES FOR PREDATOR CONTROL	http://digitalcommons.unl.edu/vpc10/4	630
CONFERENCE PARTICIPANTS: Thirteenth Vertebrate Pest Conference	http://digitalcommons.unl.edu/vpcthirteen/66	629
Arousal and Physiological Toughness: Implications for Mental and Physical Health	http://digitalcommons.unl.edu/psychfacpub/216	628
Online Dictionary of Invertebrate Zoology: S	http://digitalcommons.unl.edu/onlinedictinvertzoology/6	628
INTIMACY DEFICITS, FEAR OF INTIMACY, AND LONELINESS AMONG SEXUAL OFFENDERS	http://digitalcommons.unl.edu/psychfacpub/25	628
OREGON'S NUTRIA PROBLEM	http://digitalcommons.unl.edu/vpc6/27	624
The Confessions of Nat Turner (1831)	http://digitalcommons.unl.edu/etas/15	614
ROAMING, STRAY, AND FERAL DOMESTIC CATS AND DOGS AS WILDLIFE PROBLEMS	http://digitalcommons.unl.edu/vpc14/78	614
EFFICACY TEST PROTOCOLS FOR EVALUATION OF ULTRASONIC RODENT REPELLENT DEVICES	http://digitalcommons.unl.edu/vpc11/37	607
USE OF DONKEYS TO GUARD SHEEP AND GOATS IN TEXAS	http://digitalcommons.unl.edu/ewdcc4/43	605
Myers-Briggs Type Indicator Profile and the Organization	http://digitalcommons.unl.edu/libraryscience/89	604
Nebraska Folk Cures	http://digitalcommons.unl.edu/englishunslc/4	604
Ramón López Velarde 1888--1921	http://digitalcommons.unl.edu/modlangspanish/5	602
"Fine Designs" from Italy: Montessori Education and the Reggio Approach	http://digitalcommons.unl.edu/famconfacpub/20	602
Comparison of Commercial Deer Repellents	http://digitalcommons.unl.edu/icwdm_usdanwrc/572	602
CATULLUS PURIFIED: A BRIEF HISTORY OF CARMEN 16	http://digitalcommons.unl.edu/classicsfacpub/2	602
Montessori education and its scientific basis	http://digitalcommons.unl.edu/famconfacpub/33	601