THESES AND DISSERTATIONS ACCEPTED BY THE LOUISIANA STATE UNIVERSITY
SCHOOL OF RENEWABLE NATURAL RESOURCES
2002 - 2005
Revised February 15, 2006
by Paul Y. Burns, Professor Emeritus, Renewable Natural Resources

This information supplements Research Report No. 15, Theses and Dissertations Accepted by the Louisiana State University School of Forestry, Wildlife, and Fisheries 1927-1991, by Paul Y. Burns et al.; and an update for 1992-2001, written by Paul Y. Burns for publication on the School of RNR website.

Theses and dissertations are listed under the year the degree was granted in alphabetical order by the author's surname. Where the name in the library's list differed from the name in the Commencement bulletin (as with some of the Hispanic names), I used the library's version of the name.

A four-digit numbering system was used; the first two digits indicate the year the degree was awarded, and the last two digits show the number of that item within the year. The major professor who supervised each student is listed after the title and number of pages, followed by the code for the degree awarded.

From 1994 through 2002 the School awarded the M.S. degree in wildlife as both thesis and non-thesis. The other M.S. degrees have a thesis requirement. In order to have a complete listing of all degrees granted, the recipients of non-thesis degrees are listed alphabetically along with the thesis students, in their year class, with the notation Non-thesis.

The degree conferred and the major field are listed in code as described below.

Degree and Major

PhDfo  Ph.D. in forestry
PhDwfs  Ph.D. in wildlife and fisheries science
MSfi  Master of Science in fisheries
MSfo  Master of Science in forestry
MSwi  Master of Science in wildlife

Indices for 2002 - 2005, alphabetized by the student's and major professor's last name, are at the end of the listing.

Theses and dissertations may be read on the LSU Libraries Online Catalog web site. In the "Search" area, choose "author" and enter the surname first, followed by the first name. To read the entire thesis or dissertation, press the URL listing for the document.

LIST OF THESES AND DISSERTATIONS 2002-2005

2002

0201  Alvarez Alonzo, Jose.  Characteristic avifauna of white-sand forests in northern Peruvian Amazonia.  90 p.  Robert B. Hamilton.  MSwi

0202  Anteau, Michael Jason.  Nutrient reserves of Lesser Scaup during spring migration in the Mississippi Flyway: a test of the spring condition hypothesis.  44 p.  Alan D. Afton.  MSwi

0203  Bolduc, Francois.  Effects of structural marsh management and salinity on sediments, hydrology, invertebrates, and waterbirds in marsh ponds during winter on the Gulf Coast Chenier Plain.  148 p.  Alan D. Afton.  PhDwfs

Herbst, Eric Christopher. Induction of tetraploidy in zebrafish *Danio rerio* and Nile tilapia *Oreochromis niloticus*. 126 p. Terrence R. Tiersch. MSfi

Hoover, Andrea Kim. Patterns of female nest attendance in Northern Pintails and Mallards. 41 p. Frank C. Rohwer. MSwi

Kulivan, David Philip. Non-thesis. Vernon L. Wright. MSwi

Jerez Rico, Mauricio. Modeling canopy structure effects on loblolly pine growth. 78 p. Thomas J. Dean. PhDfo

Lee, Sunyoung. Fundamental properties of borate-modified oriented strandboard manufactured from Southern wood species. 145 p. Qinglin Wu PhDfo

Li, Wei. Technical feasibility of flakeboard production from recycled CCA-treated wood. 72 p. Todd F. Shupe. MSfo


Mason, Torrance Dean. The influence of hydrilla infestation and drawdown on the food habits and growth of age-0 largemouth bass in the Atchafalaya River Basin, Louisiana. 101 p. William E. Kelso. MSfi

Oetgen, Jesse Gordon. Effects of repeat sampling in the U.S. Waterfowl Parts Collection Survey. 20 p. Frank C. Rohwer. MSwi


Poleo, German Antonio. Intracytoplasmic sperm injection (ICSI) in fishes. 155 p. Terrence R. Tiersch PhDwfs


Riley, Kenneth Lee Pickrell. Refrigerated storage and cryopreservation of sperm for the production of red snapper and snapper hybrids. 191 p. Terrence R. Tiersch. MSfi

Talley, Scotland. Impacts of vertebrate herbivores and Hurricane Georges on densities of belowground plant material on shallow mudflats in the active Mississippi River delta. 56 p. Robert H. Chabreck. MSwi

Whaley, Christopher Brian. Hybridization of Lepomid sunfishes by use of cryopreservation. 128 p. Terrence R. Tiersch. MSfi


0302 Bauman, Tessa Annette. Interaction of fire and insects in the restoration and management of longleaf pine.  64 p.  Richard A. Goyer.  MSfo

0303 Bush, Christina Samantha. Nekton utilization of restored habitat in a Louisiana marsh.  57 p.  Megan K. G. LaPeyre.  MSwi


0306 Colón-Gaud, José-Checo. Macrornvertebrate abundance and distribution of Hydrilla and Ceratophyllum habitats in the Atchafalaya River Basin, Louisiana.  50 p.  William E. Kelso.  MSfi

0307 Crevello, Stacy Marie. Local land use on Borneo: applications of indigenous knowledge systems and natural resource utilization among the Benuaq Dayak of Kalimantan, Indonesia.  244 p.  Richard P. Vlosky.  PhDfo

0308 Davis, Kristopher Scott. Diet similarity of pen-raised versus native, Louisiana white-tailed deer in southeastern Louisiana.  55 p.  Mark K. Johnson.  MSwi


0311 Fernand, Vivian Ester. Initial characterization of crude extracts from Phyllanthus amarus Schum. and Thonn. and Quassia amara L. using normal phase thin layer chromatography.  69 p.  Cornelis F. de Hoop and Zhijun Liu  MSfo

0312 Gray, Erica Deshay. Establishment of callus culture and measurement of seasonal changes in secondary compound production in Eucommia ulmoides Oliver.  53 p.  Zhijun Liu.  MSfo

0313 Hightower, Dwayne Allen. Fine-scaled movements and habitat use of black bears in South Central Louisiana.  78 p.  Richard M. Pace, Ill.  MSwi

0314 Jones, Judy Diane James. Effects of selective herbicide application on vegetation and invertebrates for northern bobwhite, and small mammal communities within managed pine forests.  91 p.  Michael J. Chamberlain.  MSwi

0315 Kallioranta, Sanna Marie. Role of intermediaries in the United States paper supply chain.  113 p.  Richard P. Vlosky.  MSfo

0316 Kanouse, Sarai. Nekton use and growth in three brackish marsh pond microhabitats.  67 p.  Megan K.G. LaPeyre.  MSfi

0317 Liu, Bo. Toxicity of South Louisiana crude oil, Alaskan North Slope crude oil, and dispersant COREXIT 9500 to Gulf killifish, white shrimp, and eastern oyster.  107 p.  Robert P. Romaine.  MSfi

0319 McGowan, Joseph Michael. Habitat assessment and subspecies identification of Sandhill Cranes wintering in Louisiana. 30 p. Vernon Wright. MSwi

0320 Michalek, Alexander J. A mid-rotation bottomland red oak stand three years after thinning and fertilization. 66 p. Brian Roy Lockhart. MSfo

0321 Nugon, Robert W. Salinity tolerance of juveniles of four varieties of tilapia. 76 p. Charles G. Lutz. MSfi


0323 Poku, Kofi. Impact of corporate orientation on information technology adoption in the United States forest products industry. 113 p. Richard P. Vlosky. PhDfo

0324 Van Why, Kyle Ryan. Feasibility of restoring the Louisiana black bear (Ursus americanus luteolus) to portions of their former range. 90 p. Michael Chamberlain. MSwi


0326 Wagner, Robert Owen. Developing landscape-scaled habitat selection functions for forest wildlife from Landsat data: judging black bear habitat quality in Louisiana. 163 p. Richard M. Pace, III. PhDwfs


0328 Winslow, Christian Jesse. Estimation of waterfowl food abundance in coastal freshwater marshes of Louisiana and Texas. 58 p. John Andrew Nyman. MSwi

2004


0402 Birdsong, Timothy Wayne. Complexity and nekton use of marsh edge habitat in Barataria Bay, Louisiana. 50 p. Megan K. G. LaPeyre MSfi

0403 Dimov, Luben Dimtchev. Spatial analyses and growth of trees in selected bottomland hardwood stands. 125 p. Jim L. Chambers PhDfo

0404 Fortier, Barret Keith. Mortality of pen-raised white-tailed deer (Odocoileus virginianus) released on three areas in Louisiana. 45 p. J. Andrew Nyman MSwi

0405 Kinney, Sean David. Estimating the population of greater and lesser scaup during winter in offshore Louisiana. 41 p. Vernon L. Wright MSwi
Kitts, Charles Lynn. Individual and landscape-level effects of selective herbicides, mowing, and prescribed fire on habitat quality for northern bobwhite (*Colinus virginianus*). 57 p. Michael J. Chamberlain  MSwi


Li, Xiaobo. Physical, chemical, and mechanical properties of bamboo and its utilization potential for fiberboard manufacturing. 68 p. Todd L. Shupe  MSfo

Liu, Yaojian. Study on the termiticidal components of *Juniperus virginiana*, *Chamaecyparis nootkatensis* and *Chamaecyparis lawsoniana*. 61 p. Todd L. Shupe  MSfo

Pawiroredjo, Patrice Arnold. Temperature effects of spawning and fingerling production of channel catfish *Ictalurus punctatus*. 135 p. Terrence R. Tiersch  MSfi

Paz, Patricio Enrique (also Paz Castillo, Patricio Enrique). Evaluation of growth, production and cold tolerance of four varieties of tilapia. 86 p. Charles Gregory Lutz  MSfi

Szymanski, Michael Lester. Effects of spinning-wing decoys on flock behavior and hunting vulnerability of local and migrant mallards and other ducks in Minnesota. 88 p. Alan D. Afton  MSwi


Voitier, Matthew Daniel. Durability of pine strandboard modified with low molecular weight phenol formaldehyde. 52 p. W. Ramsay Smith  MSfo

Zhou, Yiqiang. Properties of borate-treated strandboard bonded with pMDI resin. 105 p. Qinglin Wu  MSfo

Baldwin, Heather Quebedeaux. Effects of fire on home range size, site fidelity and habitat associations of grassland birds overwintering in southeast Texas. 69 p. Frank C. Rohwer  MSwi

Baldwin, Michael John. Winter bird use of the Chinese tallow tree in Louisiana. 78 p. Frank C. Rohwer  MSwi


Bordelon, Seth Taylor. Effects of white-tailed deer herbivory on the growth and survival of seedlings in a coastal wetland forest. 61 p. John Andrew Nyman  MSwi

Dong, Qiaoxiang. Comparative studies of sperm cryopreservation of diploid and tetraploid Pacific oysters. 254 p. Terrence R. Tiersch  PhDwfs


0508 Jeong, Gi Young. Fracture behavior of wood plastic composite. 82 p. Qinglin Wu MSfo

0509 Jimenez, Fernando. Detection and evaluation of temperature effects on cell proliferation in somatic tissues of the eastern Oyster, Crassostrea virginica, by flow cytometry. 184 p. Jerome F. LaPeyre and Terrence R. Tiersch MSfi

0510 Jónsson, Jón Einar. Effects of body size on goose behavior: lesser snow goose and Ross’s goose. 223 p. Alan D. Afton PhDws


0513 LeGrand, Holly Grace. Associations of avian and herpetofauna communities with forest management at multiple spatial scales. 215 p. Michael J. Chamberlain. MSwi

0514 Lorenz, Nicole Frances. Environmental factors influencing incubation constancy and recess frequency in Gadwall (Anas strepera) in the Prairie Pothole Region of North Dakota. 36 p. Frank C. Rohwer MSwi

0515 Quintana, Roberto. Effect of estradiol-17B on the gonadal development of diploid and triploid female eastern oysters. 123 p. Terrence R. Tiersch. MSfi

0516 Schexnayder, Jamie Camille. Growth of a slash pine spacing study five years after thinning. 40 p. Thomas J. Dean MSfo

0517 Wilson, Walker Blake. Seasonal space use, habitat preference and survival of female wild turkeys in a Louisiana bottomland hardwood forest. 44 p. Michael J. Chamberlain MSwi

0518 Wu, Kangsheng. Long-term freshwater input and sediment load from three tributaries to Lake Ponchartrain, Louisiana. 138 p. Yi-Jun Xu PhDfo

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