

Preface

The primary purpose of this index was to provide fisheries professionals in the North Central Division (NCD) of the American Fisheries Society (AFS) with a listing of centrarchid management and research reports that are not readily available in the primary literature. A secondary function of the index was to promote the presence of the Centrarchid Technical Committee and to encourage member involvement.

The scope of this project was limited to management reports, research reports, and theses published since 1980; however, a few earlier dated publications were included. Individual state/province representatives and other active committee members were largely responsible for the collection of the information contained in this index.

The Centrarchid Technical Committee would like to thank those individuals who took the time and effort to send in citations.

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State / Province Representatives

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Illinois Centrarchid Grey Literature

Publications can be ordered from:

Illinois Department of Natural Resources
Lincoln Tower Plaza
524 South Second Street
Springfield, IL 62701-1787

Burkett, D.P., P.C. Mankin, G.W. Lewis, W.F. Childers, and D.P. Philipp. 1980. Differential hook-and-line vulnerability and multiple recapture in a largemouth bass population subjected to a 457 mm T.L. (18 inch) minimum length limit. Illinois Natural History Survey. 17 pp.

Keywords: **Largemouth bass**, regulations, size, mortality

Burkett, D.P., P.C. Mankin, and D.P. Philipp. 1980. Physiochemical factors affecting hook-and-line vulnerability of northern largemouth bass (*Micropterus salmoides salmoides*). Illinois Natural History Survey IL F-027-R. 31 pp.

Keywords: **Largemouth bass**, alkalinity, ammonia, catch, conductivity, oxygen, fishing success, rain, temperature, turbidity

Burkett, D.P., P.C. Mankin, G.W. Lewis, and D.P. Philipp. 1981. Catch and release largemouth bass research: evaluation of catch-and-release, hook-and-line vulnerability and heredity of a largemouth bass population. Illinois Dept. of Conserv. IL F-027-R/FIN.

Keywords: **largemouth bass**, bait fishing, fishing pressure, fishing success, mortality, regulations

Burkett, D.P., P.C. Mankin, G.W. Lewis, P.R. Beaty, W.F. Childers, and D.P. Philipp. 1981. Evaluation of catch-and-release largemouth bass fishing as a management practice. Illinois Natural History Survey IL F-027-R. 35 pp.

Keywords: **Largemouth bass**, stocking, population dynamics, harvests, spawning, standing crop, water level control

Mankin, P.C., D.P. Burkett, P.R. Beaty, W.F. Childers, and D.P. Philipp. 1981. Effects of population density and fishing pressure on hook-and-line vulnerability of largemouth bass. Illinois Natural History Survey IL F-027-R. 25 pp.

Keywords: **Largemouth bass**, population density, fishing pressure, catch

Fields, R., S.S. Lowe, C. Kaminski, G.S. Whitt, and D.P. Philipp. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 9: Acute and chronic thermal maxima of northern Florida and reciprocal F1 and F2 hybrid largemouth bass. Illinois Natural History Survey IL F-035-R/Job 03/ Study 104. 26 pp.

Keywords: **Largemouth bass**, temperature, tolerance, adaptation, juveniles, hybrids, strain

Koppelman, J.B., C. Kaminski, G.S. Whitt, and D.P. Philipp. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 10: Biochemical genetic analysis of largemouth bass populations in Illinois. Illinois Natural History Survey IL F-035-R/Job 01-01/Study 105. 29 pp.

Keywords: **Largemouth bass**, enzymes, genetics, strain

Koppelman, J.B., G.S. Whitt, and D.P. Philipp. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 8: Thermal preferenda of northern Florida and reciprocal F1 hybrid largemouth bass. Illinois Natural History Survey IL F-035-R/Job 02/Study 104. 35 pp.

Keywords: **Largemouth bass**, temperature, body chemistry, adaptation

Parker, H.R., G.S. Whitt, and D.P. Philipp. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 5: Biochemical genetic evaluation of patterns of gene expression during the embryonic development of northern Florida and reciprocal F1 hybrid largemouth bass. Illinois Natural History Survey IL F-035-R/Job 02/Study 103. 43 pp.

Keywords: **Largemouth bass**, embryonic development, genetics, growth, hybrids, enzymes, morphology, strain

Philipp, D.P., J.B. Koppelman, C. Kaminski, and G.S. Whitt. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 3: Reproductive success of northern Florida and Reciprocal F1 hybrid largemouth bass in central Illinois. Illinois Natural History Survey IL F-035-R/Job

03/Study 102. 21 pp.

Keywords: **Largemouth bass**, reproduction, breeding, hybrids, strain, productivity, introduction, growth

Philipp, D.P., C. Kaminski, and G.S. Whitt. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 1: Survival and growth of northern Florida and reciprocal F1 hybrid largemouth bass in central Illinois. Illinois Natural History Survey IL F-035-R/Job 01-02/Study 102. 26 pp.

Keywords: **Largemouth bass**, breeding, growth, hybrids, introduction, overwintering, strain, survival

Philipp, D.P., C. Kaminski, and G.S. Whitt. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 4: A comparison of the embryonic development of northern Florida and reciprocal F1 hybrid largemouth bass in different thermal environments. Illinois Natural History Survey IL F-035-R/Job 01/Study 103. 33 pp.

Keywords: **Largemouth bass**, temperature, embryonic development, hatching, growth, hybrids, strain

Philipp, D.P., G.S. Whitt, and J.L. Van Orman. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 1: An evaluation of meristic characters to identify populations of northern Florida and F1 hybrid largemouth bass. Illinois Natural History Survey IL F- 035-R/Job 1/Study 101. 41 pp.

Keywords: **Largemouth bass**, identification, temperature, physical characteristics, hybrids, scales

Philipp, D.P., H.R. Parker, and G.S. Whitt. 1984. The production and evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 6: Levels of transcription and translation during the embryonic development of northern Florida and reciprocal F1 hybrid largemouth bass. Illinois Natural History Survey IL F-035-R/Job 2/Study 103. 18 pp.

Keywords: **Largemouth bass**, embryonic development, genetics, hybrids, strains

Philipp, D.P., C. Kaminski, H.R. Parker, M. Pasdar, and G.S. Whitt. 1984. The production and

evaluation of different genetic stocks of largemouth bass, *Micropterus salmoides*, for different thermal environments. Chapter 7: Thermal effects on the metabolic biochemistry of northern Florida and reciprocal F1 hybrid largemouth bass. Illinois Natural History Survey IL F-035-R/Job 1/Study 104. 44 pp.

Keywords: **Largemouth bass**, temperature, metabolism, biochemistry, enzymes, adaptation, genetics, hybrids, strain

Heidinger, R.C. and B.L. Tetzlaff. 1985. Rend Lake Threadfin Shad Project: effects of threadfin shad on Rend Lake white crappie, black crappie, and largemouth bass. Illinois Dept. of Conserv. IL F-044-R/Job 101.1-3. 140 pp.

Keywords: interspecies relationships, threadfin shad, **white crappie**, **black crappie**, **largemouth bass**, growth, catch, size

Buck, D.H. and M. Hooe. 1986. The production and growth of F1 hybrid crappie. Illinois Natural History Survey IL F-042-R, Biological Notes No. 125. 8 pp.

Keywords: **Black crappie**, **white crappie**, hybrids, fish culture, production, growth, survival, artificial fertilization

Storck, T.W. and D.L. Newman. 1986. Evaluation of the introduction of tiger muskellunge into impoundments dominated by the bass-bluegill combination, evaluation of a partial creel, and size-specific survival of stocked channel catfish. Illinois Natural History Survey IL F040-R/Study 101-2. 76 pp.

Keywords: tiger muskellunge, **largemouth bass**, bluegill, channel catfish, stocking, survival, interspecies relationships, mortality, catch, food habits, creel census

Buck, D.H. and M.L. Hooe. 1987. Evaluation of induced white crappie x black crappie hybridization. Illinois Natural History Survey IL F-042-R, Aquatic Technical Report 87/7. 55 pp.

Keywords: **Black crappie**, **white crappie**, hybridization, fish culture, survival, stocking, growth

Heidinger, R.C. and S. Baker. 1989. Factors affecting crappie recruitment in Baldwin Cooling Pond. Illinois Dept. of Conserv. IL F-073-R/Jobs 101.1-6/Study 101. 105 pp.

Keywords: **white crappie**, **black crappie**, fecundity, food supply, spawning, stocking

survival, temperature, viability

Philipp, D.P. and G.S. Whitt. 1989. Northern versus southern stocks of Illinois largemouth bass/supplemental stocking procedure assessment of largemouth bass: production of genetically tagged stocks/reproductive success of lake trout on Julian's Reef, Lake Michigan. Illinois Dept. of Conservation IL F-035-R/Study 2,3, & 5. 38 pp.

Keywords: **largemouth bass**, genetics, chromosomes, identification, stocking

Tetzlaff, B.L. 1989. Illinois largemouth research: production and survival of hatchery-reared largemouth bass. Illinois Dept. of Conserv. IL F-058-R/Jobs 101.1-4. 36 pp.

Keywords: **largemouth bass**, production, survival, hatchery-reared, growth, stocking, artificial diet

Russell, K. 1990. Fish population and species growth indices for management evaluation of impoundment fisheries. Illinois Department of Natural Resources Fisheries Management Report RI031591. 14p.

Keywords: **bluegill**, **largemouth bass**, age and growth

Heidinger, R.C., B.L. Tetzlaff, and B. Woolard. 1991. Lower Ohio River Largemouth Bass Project: Fishing Mortality and Movement of Displaced Largemouth Bass in Smithland Pool. Illinois Dept. of Conserv. IL F-059-R/Jobs 101.1-3/Study 101. 154 pp.

Keywords: **largemouth bass**, populations distribution, mortality, movements

Heidinger, R.C., B. Tetzlaff, and J.H. Waddell. 1992. Illinois fish aging project: literature review/age and growth. Illinois Dept. of Conserv. IL F-104-R/Jobs 101.1-2/Study 101. 56 pp.

Keywords: age growth, age determination, **largemouth bass**, **smallmouth bass**, northern pike, walleye, sauger, yellow perch, catfish, carp

Hoe, M.L., D.H. Buck, and D.H. Wahl. 1992. Production of hybrid crappie and their evaluation as sport fish. Illinois Natural History Survey IL F-070-R/Jobs 1-12/, Aquatic Ecology Technical Report 92/10. 160 pp.

Keywords: **Black crappie**, **white crappie**, hybrids, growth, survival, production, stocking

Kohler, C.C., R.J. Sheehan, J. Ross, E. Sandberg, and J.J. Sweatman. 1993. Factors determining largemouth bass and crappie recruitment in reservoirs. Illinois Dept. of Conserv. IL F-082-R/Jobs 102.1-4. 170 pp.

Keywords: **largemouth bass**, **black crappie**, **white crappie**

Brecka, B.J., M.L. Hooe, and D.H. Wahl. 1994. Diet development and evaluation for selected coolwater fishes. Illinois Dept. of Conserv. IL F-111-R/Jobs 1-5/ Study 101. 124 pp.

Keywords: **largemouth bass**, artificial diet, growth, muskellunge, tiger muskellunge, nutrients, protein

Indiana Centrarchid Grey Literature

Publications can be ordered from:

Indiana Department of Natural Resources
Division of Fish and Wildlife
402 W. Washington, W273 IGC South
Indianapolis, IN 46204

Braun, E.R. 1983. Largemouth bass population size and mortality in two natural lakes. Indiana Dept. of Natural Resources, Indianapolis. 27 pp.

Keywords: **largemouth bass**, population size, mortality

Braun, E.R. 1985. Exploitation of largemouth bass and bluegill at Kunkel Lake, 1984. Indiana Dept. of Natural Resources, Indianapolis. 14 pp.

Keywords: **largemouth bass**, **bluegill**, exploitation

Ball, R.L. 1988. Largemouth population dynamics and management options for Patoka Lake. Indiana Dept. of Natural Resources, Section of Fisheries, Research Report, Avoca St. Fish Hatchery, P.O. Box 16, Avoca, IN 47420

Keywords: **largemouth bass**, 14-inch minimum size limit, creel surveys, mortality, population density, **bluegill**, slot limit

Braun, E.R. B. Robertson, T. Stefanavage, and J. Dexter. 1988. Evaluation of Eel River smallmouth bass stocking. Indiana Dept. of Natural Resources, Indianapolis. 33 pp.

Keywords: **smallmouth bass**, stocking

Walterhouse, M.B. 1988. Fish harvest, largemouth bass, and bluegill exploitation, and angler opinions of public access at Round Lake. Indiana Dept. of Natural Resources, Indianapolis. 26 pp.

Keywords: **largemouth bass**, **bluegill**, exploitation

Braun, E.R. 1989. The largemouth bass populations at two natural lakes, progress report, 1988. Indiana Dept. of Natural Resources. Indianapolis. 12 pp.

Keywords: **largemouth bass**, population size

Stefanavage, T.C. 1989. Evaluation of smallmouth bass populations and habitats at three northern Indiana rivers. Indiana Dept. of Natural Resource. Indianapolis. 17 pp.

Keywords: **smallmouth bass**, population size, habitat

Andrews, S.J. 1990. Evaluation of a largemouth bass slot size limit at Shakamak State Park in Indiana. Indiana Dept. of Natural Resources, Indianapolis. 58 pp

Keywords: **largemouth bass**, **bluegill**, slot limit

Ball, R.L. and B.M. Schoenung. 1995. Fishing pressure and harvest at Harden Reservoir, 1994. Indiana Dept. of Natural Resources, Section of Fisheries, Research Report, Avoca St. Fish Hatchery, P.O. Box 16, Avoca, IN 47420

Keywords: **largemouth bass**, 16-inch minimum size limit, creel survey

Ball, R.T. and B.M. Schoenung. 1996. Fishing pressure and harvest at Harden Reservoir, 1995. Indiana Dept. of Natural Resources, Section of Fisheries, Research Report, Avoca St. Fish Hatchery, P.O. Box 16, Avoca, IN 47420

Keywords: **largemouth bass**, 16-inch minimum size limit, creel survey

Ball, R.T. and J.N. Tousignant. 1996. The development of an objective rating system to assess bluegill fishing in lakes and ponds. Indiana Dept. of Natural Resources, Section of Fisheries, Research Report, Avoca St. Fish Hatchery, P.O. Box 16, Avoca, IN 47420

Keywords: **bluegill**, fishing quality, fishing quality ratings, angler opinion survey

Braun, E.R. 1996. An angler creel survey at Salamonie Reservoir, Project Completion Report, 1992. Indiana Dept. of Natural Resources, Indianapolis. 28 pp.

Keywords: **white crappie**, exploitation

Francis, J.T. 1997. Population characteristics of smallmouth bass in southern Lake Michigan, 1995-1996. Indiana Dept. of Natural Resources, Division of Fish and Wildlife, Michigan City, Indiana. 32 pp.

Keywords: **smallmouth bass**, Lake Michigan, population estimate

Andrews, S.J. 1997. Fishing pressure, fish harvest, and evaluation of a largemouth bass slot size limit at Dogwood Lake. Indiana Dept. of Natural Resources, Indianapolis. 15 pp

Keywords: **largemouth bass**, **bluegill**, slot limit

Ball, R.L. 1997. Evaluation of an advanced largemouth bass length limit to improve quality bass fishing opportunities at Harden Reservoir: 1996 Interim Research Report. Indiana Dept. of Natural Resources, Section of Fisheries, Research Report, Avoca St. Fish Hatchery, P.O. Box 16, Avoca, IN 47420.

Keywords: **largemouth bass**, 14-inch minimum size limit, 16-inch minimum size limit, population density

Ball, R.L. and B.M. Schoenung. 1997. Evaluation of a small lake intensively managed for quality catch-and-release bass fishing: Interim research report. Indiana Dept. of Natural Resources, Section of Fisheries, Research Report, Avoca St. Fish Hatchery, P.O. Box 16, Avoca, IN 47420

Keywords: largemouth bass, catch-and-release regulations, population dynamics, population modeling

Braun, E.R. 1997. An angler creel survey at Kokomo Reservoir, Howard City, 1996. Indiana Dept. of Natural Resources, Indianapolis. 33 pp.

Keywords: **largemouth bass**, **crappie**, hybrid walleye, catfish, harvest

Francis, J.T. 1997. Population characteristics of smallmouth bass in southern Lake Michigan, 1995-1996. Indiana Department of Natural Resources, Indianapolis. 32 pp.

Keywords: **smallmouth bass**, Lake Michigan

Ball, R. L. 1999. Evaluation of a small lake intensively managed for quality catch-and-release bass fishing. 1998 Interim Research Report. Indiana Department of Natural Resources, Indianapolis. 12 pp.

Keywords: **largemouth bass**, no-harvest regulation, angler surveys, mortality rates, modeling

Braun, E.R. 1998. Center Lake Kosciusko County Fish Management Report 1997. Indiana Department of Natural Resources, Indianapolis. 17 pp.

Keywords: **bluegill**, Eurasian watermilfoil, Sonar.

Braun, E.R. 1999. An angler creel survey at Blue Lake, Whitley County, 1998. Indiana Department of Natural Resources, Indianapolis. 24 pp.

Keywords: **largemouth bass**, size limit, bluegill, harvest.

Ball, R. L. 2002. Evaluation of a small lake intensively managed for quality catch-and-release bass fishing. Indiana Department of Natural Resources, Indianapolis. 18 pp.

Keywords: **largemouth bass**, no-harvest regulation, angler surveys, mortality rates, modeling

Kittaka, D.S. 2002. Center Lake Kosciusko County Fish Management Report, 2001. Indiana Department of Natural Resources, Indianapolis. 16 pp.

Keywords: **bluegill**, Eurasian watermilfoil, Sonar

Braun, E.R. 2004. Maintenance of a quality largemouth bass population at Robinson Lake, Completion Report, Project #95492. Indiana Department of Natural Resources, Indianapolis. 30 pp.

Keywords: **largemouth bass**, size limit, angler surveys, natural lake.

Iowa Centrarchid Grey Literature

Publications can be ordered from:
Iowa Department of Natural Resources
Chariton Research Station
24570 U.S. Hwy. 34
Chariton, IA 50049

Hill, K. 1980. Evaluation of the split stocking method in Iowa farm ponds. Proj. No. F-90-R-1. Completion Report. Small Reservoir Fisheries Investigations. Federal Aid to Fish Restoration.

Keywords: farm ponds, split stocking, **bluegill**, mortality rates, **largemouth bass**, PSD

Hill, K. 1980. Manipulation of bass-bluegill populations by summer drawdown. Proj. No. F-90-R. Study No. 407. 1. Completion Report. Federal Aid to Fish Restoration.

Keywords: summer drawdown, **largemouth bass**, **bluegill**

Mitzner, L. 1980. Inter-relationships of forage fish species and predator populations in Lake Rathbun abundance. distribution. and size structure of forage populations in Lake Rathbun. Proj. No. F-91-R. Completion Report. Federal Aid to Fish Restoration.

Keywords: Lake Rathbun, prey, gizzard shad, **crappie**, growth, population density

Paragamian, V. 1980. Population dynamics of smallmouth bass in the Maquoketa River and other Iowa streams. Proj. No. F-89-R. Study No. 602. Comp. Rpt. Federal Aid to Fish Restoration.

Keywords: **smallmouth bass**, population dynamics, Maquoketa River

Paragamian, V. 1981. Some habitat characteristics that affect abundance and winter survival of smallmouth bass in the Maquoketa River. Iowa. Pp. 45-53 in L. A. Krumholz. ed. Warmwater Streams Symposium. S. Div. Am. Fish. Soc. Lawrence. Kansas. 422 pp.

Keywords: habitat, abundance, **smallmouth bass**, winter survival, Maquoketa River

Bruce, J. and M. Konrad. 1983. Fishery evaluation: angling success and Largemouth Bass population dynamics. Fisheries management investigations 1983 Iowa Conservation Commission.

Keywords: Lake Wapello, **bluegill**, **crappie**, **largemouth bass**, creel, population estimates, age, growth, mortality, harvest

Konrad, M. and J. Bruce. 1983. Angling success and Largemouth Bass production. Fisheries management investigations 1983 Iowa Conservation Commission.

Keywords: **largemouth bass**, angler success, population dynamics, Hawthorn Lake, slot limit, creel, bullhead, **bluegill**, tiger musky, channel catfish, **black crappie**, **sunfish**, electrofishing, growth

Paragamian, V. 1983. Assessment of a 12-inch minimum length limit on smallmouth bass in the Maquoketa River. Proj. No. F-89-R. Study No. 603. Completion Report. Federal Aid to Fish Restoration.

Keywords: length limit, **smallmouth bass**, Maquoketa River

Hill, K. 1984. Classification of Iowa lakes and their fish standing stock. Proj. No. F-90-R. Completion Report. Federal Aid to Fish Restoration.

Keywords: standing stock, **largemouth bass**, **bluegill**, **crappie**, channel catfish, lake classification

Mitzner, L. 1984. Assessment and development of underwater structure to attract and concentrate fish. Proj. No. F-94-R-4. Completion Report. Reservoir Investigations. Federal Aid to Fish Restoration.

Keywords: habitat, underwater structure, **crappie**, fish attractors, stake beds, brush piles, floating reefs, earthen ridges, **bluegill**, **largemouth bass**, Hawthorn Lake, Lake Wapello

Herrig, D. and L. Miller. 1985. Comparison of Berkley fish hab and stakebeds in two small western Iowa impoundments. Fisheries management investigations 1985 Iowa Department of Natural Resources fisheries management section.

Keywords: Berkley fish hab, stake beds, Crawford Creek Lake, Moorehead Lake, **bluegill**, **crappie**, **largemouth bass**

Hill, K. 1985. Manipulation of bass-bluegill-channel catfish populations by summer aeration. Proj. No. F-90-R-8. Annual Performance Report. Federal aid to fish restoration.

Keywords: **largemouth bass**, **bluegill**, channel catfish, summer aeration

Kalishek, W. and J. Wahl. 1985. Habitat suitability for smallmouth bass in the Upper Shellrock River. Fisheries management investigations 1985 Iowa Department of Natural Resources fisheries management section.

Keywords: habitat suitability, **smallmouth bass**, Upper Shellrock River, water quality

Konrad, M. and J. Bruce. 1985. Angling success and Largemouth Bass population dynamics at Hawthorn Lake. Iowa. Fisheries management investigations 1985 Iowa Department of Natural Resources fisheries management section.

Keywords: slot length limit, **largemouth bass**, Hawthorn Lake, fishing success, harvest, pressure, bullhead, **bluegill**, **crappie**, channel catfish, tiger muskie

Kalishek, W. and J. Wahl. 1986. Evaluation suitability assessment for Smallmouth Bass in the Upper Shellrock River. Fisheries management investigations 1986 Iowa Department of Natural Resources fisheries management section.

Keywords: habitat suitability, **smallmouth bass**, Upper Shellrock River, water quality, substrate, dissolved oxygen

Konrad, M. and J. Bruce. 1987. Largemouth Bass population dynamics in a newly impounded reservoir after implementation of a 12-16 inch protected length limit. Fisheries management investigations 1987 Iowa department of Natural Resources fisheries management section.

Keywords: **largemouth bass**, population dynamics, reservoir, slot limit, **bluegill** growth, body condition, harvest, mortality

Mitzner, L. 1987. Classification of crappie spawning habitat in Rathbun Lake. Iowa with reference to temperature. turbidity. substrate and wind. Technical Bulletin No. 1. Iowa Conservation Commission.

Keywords: Lake Rathbun, **crappie**, spawning, larvae, shoreline, abundance, jetties, riprap

Schonhoff, B. and E. Kocal. 1987. Spawning site selection and seasonal habitat associations of Mississippi River largemouth bass. Fisheries Management Investigations 1989. Iowa Department of Natural Resources.

Keywords: **largemouth bass**

Miller, L., T. Putnam, and J. Wahl. 1988. Evaluation of lowhead riffle construction on riverine fish

populations. Fisheries management investigations 1988. Iowa Department of Natural Resources fish management section.

Keywords: lowhead riffles, **smallmouth bass**, plunge pool

Putnam, T., and R. McWilliams. 1990. Evaluation of Catch-and-Release Regulation on Smallmouth Bass. Fisheries Management Investigations 1990. Fish & Wildlife Division. Bureau of Fisheries. Iowa Department of Natural Resources.

Keywords: **smallmouth bass**

Hudson, J. 1990. Experimental Stocking of Predators To Control Bullheads in Prairie Rose Lake. Fisheries Management Investigations 1990. Fish & Wildlife Division. Bureau of Fisheries. Iowa Department of Natural Resources.

Keywords: **largemouth bass**

Hill, K. 1992. Evaluation of catch rates and harvest rates as goals for an intensively managed fishery. Proj. No. F-90-R Completion Report. Small Reservoir Investigations. Federal Aid to Fish Restoration.

Keywords: catch rates, harvest rates, Swan Lake, **largemouth bass**, length limit, angling pressure, creel survey, winter aeration

Hill, K. 1992. Use of thermal and chemical destratification to improve the fish community inhabiting Nine Eagles Lake. Proj. No. F-90-R. Completion Report. Small Reservoir Investigations. Federal Aid to Fish Restorations.

Keywords: destratification, **largemouth bass**, **bluegill**, **redeer sunfish**, **crappie**, channel catfish, Nine Eagles Lake, growth rate, length frequency, harvest, biomass

Hudson, J. 1992. Delayed Mortality of Tournament Caught Largemouth Bass in Two Southwest Iowa Lakes. Fisheries Management Investigations 1992 Annual Report. Fish and Wildlife Division. Bureau of Fisheries. Iowa Department of Natural Resources.

Keywords: **largemouth bass**

Kalishek, W. and M. Wade. 1992. Evaluation of a Catch-and-Release Regulation for Smallmouth Bass on the Maquoketa River. Delaware County. Iowa. Fisheries Management Section 1992 Annual Report Fish and Wildlife Division Bureau of

Fisheries. Iowa Department of Natural Resources.

Keywords: **smallmouth bass, largemouth bass**

Pilto, J. Jr. 1992. Mississippi River Investigations. Study 1; an evaluation of largemouth bass populations in the Upper Mississippi River. Completion Project No. F-109-R. Federal Aid to Fish Restoration.

Keywords: **largemouth bass**, age, growth, mortality, length frequency, weight-length regressions, relative weights, standing stocks, PSD, floy tag retention, voluntary tag return, harvest, exploitation rates, habitat selection, under ice movements

Sterner, V. 1993. Development of a largemouth bass-yellow perch fishery in a small impoundment. Fisheries Management Investigations 1993 Annual Report Fish and Wildlife Division. Bureau of Fisheries. Iowa Dept. of Natural Resources.

Keywords: **largemouth bass**

Schonhoff, B., and M. Cornish. 1994. Evaluation of Largemouth Bass Length Limits in Big Timber Area of the Mississippi River. Pool 17. Fisheries Management Investigations 1995 Annual Report. Fish & Wildlife Division. Bureau of Fisheries. Iowa Department of Natural Resources.

Keywords: **largemouth bass**

Mitzner, L. 1995. Effect of environmental factors and harvest restrictions upon the crappie (Pomoxis) sportfishery at Rathbun Lake. Technical Bulletin No. 5. Fish and Wildlife Division. Iowa Department of Natural Resources.

Keywords: Lake Rathbun, back-calculated length, **crappie**, condition factors, age distribution, abundance, harvest, creel, length limit

Gritter, S. 1996. Comparison of catch between large and small fyke nets in Mississippi River backwater lakes. Fisheries Management Investigations 1996 Annual investigations. Fish & Wildlife Division. Bureau of Fisheries. Iowa Department of Natural Resources.

Keywords: fyke nets, Mississippi River, **pumpkinseed, warmouth, orange-spotted sunfish, bluegill, largemouth bass, crappie**

Hudson, J. 1996. The use of relative weights to assess the effects of aeration on

Largemouth Bass and Bluegill. Fisheries Management Investigations 1996 Annual Report. Fish & Wildlife Division. Bureau of Fisheries. Iowa Department of Natural Resources.

Keywords: relative weight, **largemouth bass**, **bluegill**, aeration, Viking Lake, summer destratification, PSD, RSD

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Kansas Department of Wildlife and Parks
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Minnesota DNR
Division of Fish and Wildlife
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Keywords: **bluegill**, population characteristics

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Division of Wildlife		5430 Grosvenor Lane, Suite 110
1500 Dublin Rd		Bethesda, MD 20814-2142
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