

ARC Peer Reviewed Journal Article Reprint List

1989

- 1) Cremer, M.C. & Mims, S.D. 1989. Effects of stocking size and density on winter trout culture in cages in Kentucky. *Transactions of the Kentucky Academy of Science* 50(1-2):11-15.
- 2) Mims, S.D. & Tidwell, J.H. 1989. Winter feeding of fingerling channel catfish in Kentucky. *Transactions of the Kentucky Academy of Science* 50(3-4):174-176.
- 3) Mims, S.D., Cremer, M.C. & Tidwell, J.H. 1989. Method for the production of channel catfish fingerlings in Kentucky. *The Progressive Fish-Culturist* 51(3):171-173.

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- 4) Tidwell, J.H. & Mims, S.D. 1990. A comparison of second-year growth of blue catfish and channel catfish in Kentucky. *The Progressive Fish-Culturist* 52(3):203-204.
- 5) Tidwell, J.H. & Mims, S.D. 1990. Survival of paddlefish fingerlings stocked with large channel catfish. *The Progressive Fish-Culturist* 52(4):273-274.
- 6) Tidwell, J.H. & Mims, S.D. 1990. Winter polyculture of rainbow trout and fingerling channel catfish. *The Progressive Fish-Culturist* 52(2):105-108.
- 7) Tidwell, J.H. & Robinette, H.R. 1990. Changes in proximate and fatty acid composition of fillets from channel catfish during a two-year growth period. *Transactions of the American Fisheries Society* 119(1):31-40.
- 8) Tidwell, J.H., Webster, C.D. & Yancey, D.H. 1990. Evaluation of distillers' grains with solubles in prepared channel catfish diets. *Transactions of the Kentucky Academy of Science* 51(3-4):135-138.
- 9) Webster, C.D. & Lovell, R.T. 1990. Quality evaluation of four sources of brine shrimp *Artemia* spp. *Journal of the World Aquaculture Society* 21(3):180-185.
- 10) Webster, C.D. & Lovell, R.T. 1990. Response of striped bass larvae fed brine shrimp from different sources containing different fatty acid compositions. *Aquaculture* 90(1):49-61.

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- 11) Decker, E.A., Crum, A.D., Mims, S.D. & Tidwell, J.H. 1991. Processing yields and composition of paddlefish (*Polyodon spathula*), a potential aquaculture species. *Journal of Agricultural and Food Chemistry* 39(4):686-688.
- 12) Durborow, R.M., Taylor, P.W. Crosby, M.D. & Santucci, T.D. 1991. Fish mortality in the Mississippi catfish farming industry in 1988: Causes and treatments. *Journal of Wildlife Diseases* 27(1):144-147.
- 13) Mims, S.D. & Clark, J.A. 1991. Overwintering paddlefish in monoculture and in polyculture with channel catfish and rainbow trout. *Journal of Applied Aquaculture* 1(1):95-101.
- 14) Mims, S.D. 1991. Evaluation of activator solutions, motility duration, and short-term storage of paddlefish spermatozoa. *Journal of the World Aquaculture Society* 22(4):224-229.

- 15) Mims, S.D., Clark, J.A. & Tidwell, J.H. 1991. Evaluation of three organic fertilizers for paddlefish, *Polyodon spathula*, production in nursery ponds. *Aquaculture* 99(1-2):69-82.
- 16) Mims, S.D., Webster, C.D., Tidwell, J.H. & Yancey, D.H. 1991. Fatty acid composition of *Daphnia pulex* cultured by two different methods. *Journal of the World Aquaculture Society* 22(2):153-156.
- 17) Tidwell, J.H. & Mims, S.D. 1991. Effects of density and feeding regimen on the overwintering of channel catfish. *Journal of Applied Aquaculture* 1(1):103-111.
- 18) Tidwell, J.H., Mims, S.D. & Webster, C.D. 1991. Transport and growth of three developmental stages of channel catfish (*Ictalurus punctatus*) in Kentucky. *Transactions of the Kentucky Academy of Science* 52(1-2):13-16.
- 19) Tidwell, J.H., Webster, C.D. & Knaub, R.S. 1991. Seasonal production of rainbow trout, *Oncorhynchus mykiss* (Walbaum), in ponds using different feeding practices. *Aquaculture and Fisheries Management* 22(3):335-342.
- 20) Tidwell, J.H., Webster, C.D. & Mims, S.D. 1991. Growth and yield of paddlefish, *Polyodon spathula*, reared at two densities in earthen ponds in Kentucky. *Transactions of the Kentucky Academy of Science* 52(3-4):105-108.
- 21) Webster, C.D. & Lovell, R.T. 1991. Lipid composition of three geographical sources of brine shrimp nauplii (*Artemia* sp.). *Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology* 100(3):555-559.
- 22) Webster, C.D., Mims, S.D., Tidwell, J.H. & Yancey, D.H. 1991. Comparison of live food organisms and prepared diets as first food for paddlefish, *Polyodon spathula* (Walbaum), fry. *Aquaculture Fisheries Management* 22(2):155-163.
- 23) Webster, C.D., Tidwell, J.H. & Yancey, D.H. 1991. Evaluation of distillers' grains with solubles as a protein source in diets for channel catfish. *Aquaculture* 96(2):179-190.

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- 24) Bly, J.E., Lawson, L.A., Dale, D.J., Szalai, A.J., Durborow, R.M. & Clem, L.W. 1992. Winter saprolegniosis in channel catfish. *Diseases of Aquatic Organisms* 13(3):155-164.
- 25) Jack, S.W., Taylor, P.W., Crosby, M.D., Freund, J., MacMillan, J.R. & Durborow, R.M. 1992. Summary of bacterial isolates from farm reared channel catfish (1979-1988). *Journal of Veterinary Diagnostic Investigations* 4:193-195.
- 26) Rouse, D.B., Webster, C.D. & Radwin, I.A. 1992. Enhancement of the fatty acid composition of the nematode *Panagrellus redivius* using three different media. *Journal of the World Aquaculture Society* 23(1):89-95.
- 27) Tidwell, J.H., Webster, C.D. & Clark, J.A. 1992. Effects of feeding, starvation, and refeeding on the fatty acid composition of channel catfish, *Ictalurus punctatus*, tissues. *Comparative Biochemistry and Physiology Part A: Physiology* 103(2):365-368.
- 28) Tidwell, J.H., Webster, C.D. & Clark, J.A. 1992. Growth, feed conversion, and protein utilization of female green sunfish x male bluegill hybrids fed isocaloric diets with different protein levels. *The Progressive Fish-Culturist* 54(4):234-239.
- 29) Tidwell, J.H., Webster, C.D., Clark, J.A. & Yancey, D.H. 1992. Effects of *Yucca shidigera* extract on water quality and fish growth in recirculating-water aquaculture systems. *The Progressive Fish-Culturist* 54(3):196-201.

- 30) Webster, C.D., Tidwell, J.H. & Yancey, D.H. 1992. Effect of protein level and feeding frequency on growth and body composition of cage-reared channel catfish. *The Progressive Fish-Culturist* 54(2):92-96.
- 31) Webster, C.D., Tidwell, J.H., Clark, J.A. & Yancey, D.H. 1992. Effects of feeding diets containing 34 or 38% protein at two feeding frequencies on growth and body composition of channel catfish. *Journal of Applied Aquaculture* 1(3):67-80.
- 32) Webster, C.D., Tidwell, J.H., Goodgame, L.S., Clark, J.A. & Yancey, D.H. 1992. Effects of protein level on growth and body composition of hybrid sunfish (*Lepomis cyanellus* x *L. macrochirus*) reared in ponds. *Transactions of the Kentucky Academy of Science* 53(3-4):97-100.
- 33) Webster, C.D., Tidwell, J.H., Goodgame, L.S., Clark, J.A. & Yancey, D.H. 1992. Winter feeding and growth of channel catfish fed diets containing varying percentages of distiller's grains with solubles as a total replacement of fish meal. *Journal of Applied Aquaculture* 1(4):1-14.
- 34) Webster, C.D., Tidwell, J.H., Goodgame, L.S., Yancey, D.H. & Mackey, L. 1992. Use of soybean meal and distillers grains with solubles as partial or total replacement of fish meal in diets for channel catfish, *Ictalurus punctatus*. *Aquaculture* 106(3-4):301-309.
- 35) Webster, C.D., Yancey, D.H. & Tidwell, J.H. 1992. Effect of partially or totally replacing fish meal with soybean meal in growth of blue catfish (*Ictalurus furcatus*). *Aquaculture* 103(2):141-152.

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- 36) Mims, S.D. & Knaub, R.S. 1993. Condition factors and length-weight relationships of pond-cultured paddlefish *Polyodon spathula* with reference to other morphogenetic relationships. *Journal of the World Aquaculture Society* 24(3):429-433.
- 37) Mims, S.D., Clark, J.A., Williams, J.C. & Rouse, D.B. 1993. Comparisons of two by-products and a prepared diet as organic fertilizers on growth and survival of larval paddlefish, *Polyodon spathula*, in earthen ponds. *Journal of Applied Aquaculture* 2(3-4):171-188.
- 38) Tidwell, J.H. & Webster, C.D. 1993. Effects of stocking density and dietary protein on green sunfish (*Lepomis cyanellus*) x bluegill hybrids (*L. macrochirus*) overwintered in ponds. *Aquaculture* 113(1-2):83-89.
- 39) Tidwell, J.H., Webster, C.D., Clark, J.A. & D'Abramo, L.R. 1993. Evaluation of distillers dried grains with solubles as an ingredient in diets for pond culture of the freshwater prawn *Macrobrachium rosenbergii*. *Journal of the World Aquaculture Society* 24(1):66-70.
- 40) Tidwell, J.H., Webster, C.D., Yancey, D.H. & D'Abramo, L.R. 1993. Partial and total replacement of fish meal with soybean meal and distillers' by-products in diets for pond culture of the freshwater prawn (*Macrobrachium rosenbergii*). *Aquaculture* 118(1-2):119-130.
- 41) Webster, C.D., Tidwell, J.H. & Goodgame, L.S. 1993. Growth, body composition and organoleptic evaluation of channel catfish fed diets containing different percentages of distillers' grains with solubles. *The Progressive Fish-Culturist* 55(2):95-100.
- 42) Webster, C.D., Tidwell, J.H., Goodgame, L.S., Clark, J.A. & Yancey, D.H. 1993. Effects of protein level and feeding frequency on growth and on body composition of third-year channel catfish cultured in ponds. *Journal of Applied Aquaculture* 2(2):27-37.

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- 43) Goodgame-Tiu, L.S., Webster, C.D., Tidwell, J.H. & Reed, E.B. 1994. Overwintering channel catfish, *Ictalurus punctatus*, and blue catfish, *Ictalurus furcatus*, in cages. *Transactions of the Kentucky Academy of Science* 55(3-4):127-130.
- 44) Nguyen, M.T., Mommsen, T.P., Mims, S.D. & Conlin, J.M. 1994. Characteristics of insulin and proglucagon-derived peptides from a phylogenetically ancient fish, the paddlefish. *Biochemical Journal* 300:339-345.
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- 50) Webster, C.D., Lovell, R.T. & Clawson, J.A. 1995. Ratio of 20:3(n-9) to 20:5(n-3) in phospholipids as an indicator of dietary essential fatty acid sufficiency in striped bass, *Morone saxatilis*, and palmetto bass, *M. saxatilis* x *M. chrysops*. *Journal of Applied Aquaculture* 4(4):75-90.
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- 54) Brown, G.G. & Mims, S.D. 1995. Storage, transportation, and fertility of undiluted and diluted paddlefish milt. *The Progressive Fish-Culturist* 57(1):64-69.
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- 60) Tidwell, J.H., Webster, C.D. & Mims, S.D. 1995. Effects of two dietary protein levels on body weight composition of juvenile blue and channel catfish during the winter. *Journal of Applied Aquaculture* 5(4):45-54.
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- 63) Waugh, D., Youson, J., Mims, S.D., Sower, S. & Conlon, J.M. 1995. Urotensin II from the river lamprey (*Lampetra fluviatilis*), the sea lamprey (*Petromyzon marinus*), and the paddlefish (*Polyodon spathula*). *General and Comparative Endocrinology* 99(3):323-332.
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- 78) Tidwell, J.H., Schulmeister, G., Mahl, C. & Coyle, S.D. 1997. Growth, survival, and biochemical composition of freshwater prawns *Macrobrachium rosenbergii* fed natural food organisms under controlled conditions. *Journal of the World Aquaculture Society* 28(2):123-132.
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- 92) Perschbacher, P.W. & Wurts, W.A. 1999. Effects of calcium and magnesium hardness on acute copper toxicity to juvenile channel catfish, *Ictalurus punctatus*. *Aquaculture* 172(3-4):275-280.
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