

- Arruda, J.A., M.S. Cringan, W.G. Layher, G. Kersh, and C. Bever. 1988. Pesticides in fish tissue and water from Tuttle Creek Lake, Kansas. *Bulletin of Environmental Contamination and Toxicology* 41:617-624.
- Avise, J.C., and M.J. van den Avyle. 1984. Genetic analysis of reproduction of hybrid white bass x striped bass in the Savannah River. *Transactions of the American Fisheries Society* 113:563-570.
- Bacon, J.R., C.K. Halbrendth, and F.F. Wirth. 1990. Mid-Atlantic seafood buyer preferences toward farm-raised hybrid striped bass. *Journal of Food Distribution Research* 21:151-152.
- Bakal, R.S., C.A. Harms, L.H. Khoo, and M.K. Stoskopf. 1999. Sinus venosus catheterization for repeated vascular access in the hybrid striped bass. *Journal of Aquatic Animal Health* 11:187-191.
- Bakal, R.S., S.A. Bai, and M.K. Stoskopf. 2004. Pharmacokinetics of sulfadimethoxine and ormetoprim in a 5:1 ratio following intraperitoneal and oral administration, in the hybrid striped bass (*Morone chrysops* x *Morone saxatilis*). *Journal of Veterinary Pharmacology and Therapeutics* 27:1-6.
- Barkoh, A., D.G. Smith, J.W. Schlechte, and J.M. Paret. 2004. Ammonia tolerance by sunshine bass fry: implications for use of ammonium sulfate to control *Prymnesium parvum*. *North American Journal of Aquaculture* 66:305-311.
- Bartley, D.M., K. Rana, and A.J. Immink. 2000. The role of hybridization in the distribution, conservation and management of aquatic species. *Reviews in Fish Biology and Fisheries* 10:325-337.

- Bayless, J.D. 1968. Striped bass hatching and hybridization experiments. Proceedings of the Annual Conference Southeastern Association of Game and Fish Commissioners 21:233-244.
- Bayless, J.D., 1972. Artificial propagation and hybridization of striped bass, *Morone saxatilis* (Walbaum). South Carolina Wildlife and Marine resources Department, Columbia.
- Berlinsky, D.L., L.F. Jackson, T.I.J. Smith, and C.V. Sullivan. 1995. The annual reproductive cycle of the white bass, *Morone chrysops*. Journal of the World Aquaculture Society 124:252-260.
- Bett, K.L., P.B. Johnsen, C.D. Webster, L.G. Tiu, Y.L. Xiong, E.A. Decker. 1998. Sensory and chemical evaluation of sunshine bass (*Morone chrysops* x *M. saxatilis*) fillets during frozen storage. Journal of Applied Aquaculture 8:53-67.
- Bharadwaj, A.S., W.R. Brignon, N.L. Gould, P.B. Brown, and Y.V. Wu. 2002. Evaluation of meat and bone meal in practical diets fed to juvenile hybrid striped bass *Morone chrysops* x *M. saxatilis*. Journal of the World Aquaculture Society 33:448-457.
- Bishop, R.D., 1968. Evaluation of the striped bass (*Roccus saxatilis*) and white bass (*R. chrysops*) hybrids after two years. Proceedings of the Annual Conference Southeastern Association of Game and Fish Commissioners, 21:245-254.
- Bishop, R.D. 1975. The use of circular tanks for spawning striped bass (*Morone saxatilis*). Proceedings Annual Conference Southeastern Association of Game and Fish Commissioners 28:35-44.

- Blythe, B., L.A. Helfrich, W.E. Beal, B. Bosworth, and G.S. Libey. 1994. Determination of sex and maturational status of striped bass (*Morone saxatilis*) using ultrasonic imaging. *Aquaculture* 125:175-184.
- Bonn, E.W., W.M. Bailey, J.D. Bayless, K. E. Erickson, and R.E. Stevens, editors, 1976. Guidelines for striped bass culture. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Borkowski, W.K., and L.E. Snyder. 1982. Evaluation of white bass x striped bass hybrids in a hypereutrophic Florida lake. *Proceedings Annual Conference Southeastern Association Fish and Wildlife Agencies* 35:311-316.
- Bosworth, B.G., G.S. Libey, and D.R. Notter. 1997. Egg, larval, and fingerling traits of crosses among striped bass (*Morone saxatilis*), white bass (*M. chrysops*), and their F1 hybrids. *Aquaculture* 154:201-217.
- Bosworth, B.G., G.S. Libey, and D.R. Notter. 1998. Relationships among total weight, body shape, visceral components, and fillet traits in palmetto bass (striped bass female *Morone saxatilis* x white bass male *M. chrysops*) and paradise bass (striped bass female *M. saxatilis* x yellow bass male *M. mississippiensis*). *Journal of the World Aquaculture Society* 29:40-50.
- Bowser, P.R., G.A. Wooster, C.Y. Chen, and R.S. Mo. 2004. Polymicrobial infection of hybrid striped bass (*Morone chrysops* x *Morone saxatilis*) with three bacterial pathogens: a case report. *Journal of Fish Diseases* 27:123-127.
- Boyd, L.C., D.P. Gree, and L.A. LePros. 1992. Quality changes of pond-raised hybrid striped bass during chillpack and refrigerated storage. *Journal of Food Science* 57: 59-62.

- Brewer, D.L., and R.A. Rees. 1990. Pond culture of phase-I striped bass fingerlings. Pages 99-120 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. Culture and propagation of striped bass and its hybrids. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Brougher, D.S., L.W. Douglass, and J.H. Soares, Jr. 2004. A comparative study of the dietary lysine requirement of juvenile striped bass (*Morone saxatilis*) and sunshine bass (*M. chrysops* x *M. saxatilis*). Journal of the World Aquaculture Society 35:143-158.
- Brown, B. 1990. U.S. aquaculture ready for expansion. Feedstuffs 62:11, 22.
- Brown, J.W. 1990. An analysis of the economic potential for hybrid striped bass culture. Thesis, North Carolina State University.
- Brown, J.W., J.E. Easley, Jr., and R.G. Hodson. 1988. Investment and production costs for the hybrid striped bass x white bass in North Carolina. University of North Carolina Sea Grant Publication UNC-SG-WP-88-2, Raleigh.
- Brown, M.L., and B.R. Murphy. 1991. Standard weight (*Ws*) development for striped bass, white bass, and hybrid striped bass. North American Journal of Fisheries Management 11:451-467.
- Brown, M.L., G.R. Nematipour, and D.M. Gatlin, III. 1992. Dietary protein requirement of juvenile sunshine bass at different salinities. The Progressive Fish-Culturist 54: 148-156.
- Brown, M.L., F. Jaramillo, Jr., and D.M. Gatlin, III. 1993. Dietary phosphorous requirement of hybrid striped bass, *Morone chrysops* x *M. saxatilis*. Aquaculture 113:355-363.

- Brown, M.L., D.M. Gatlini, and B.R. Murphy. 1993. Non-destructive measurement of sunshine bass, *Morone chrysops* (Rafinesque) x *M. saxatilis* (Walbaum), body composition using electrical conductivity. *Aquaculture and Fisheries Management* 24:585-592.
- Brown, P.B. 1995. Using whole-body amino acid patterns and quantitative requirements to rapidly develop diets for new species such as hybrid striped bass (*Morone saxatilis* x *M. chrysops*). *Journal of Applied Ichthyology* 11:342-346.
- Brown, P.B., M.E. Griffin, and M.R. White. 1993. Experimental and practical diet evaluations with juvenile hybrid striped bass. *Journal of the World Aquaculture Society* 24:80-89.
- Brown, P.B., R. Twibell, Y. Jonker, and K.A. Wilson. 1997. Evaluation of three soybean products in diets fed to juvenile hybrid striped bass *Morone saxatilis* x *M. chrysops*). *Journal of the World Aquaculture Society* 28:215-223.
- Buddington, R.K, K.K Buddington, and D.F. Deng. 2002. A high retinol dietary intake increases its apical absorption by the proximal small intestine of juvenile sunshine bass (*Morone chrysops* x *M. saxatilis*). *Journal of Nutrition* 132:2713-2716.
- Buurma, B.J., A. Barkoh, and G.A. Alexander. 1996. Effects of cottonseed and alfalfa meals as fertilizers on production of palmetto bass (*Morone saxatilis* x *M. chrysops*) fingerlings in plastic-lined ponds. *Journal of Applied Aquaculture* 58:1363-1368.
- Callahan, H.A., and E.J. Noga. 2002. Tricaine dramatically reduces the ability to diagnose protozoan ectoparasite (*Ichthyobodo necator*) infections. *Journal of Fish Diseases* 25:433-437.

- Callahan, H.A., R.W. Litaker, and E.J. Noga. 2002. Molecular taxonomy of the suborder Bodonina (order Kinetoplastida), including the important fish parasite, *Ichthyobodo necator*. *Journal of Eukaryotic Microbiology* 49:119-128.
- Carlberg, J.M. 1997. Hybrid striped bass production statistics. *Aquaculture Magazine* 23:6-7.
- Carlberg, J.M., J.C. Van Olst, M.J. Massengil, and T.A. Hovanec. 1984. Intensive culture of striped bass: a review of recent technological developments. Pages 89-127 in J.P. McCraren, editor. *The aquaculture of striped bass: a proceedings*. Maryland Sea Grant Publication UM-SG-MAP-84-01. University of Maryland, College Park.
- Carlberg, J.M., and J.C. van Olst. 1987. Processing and marketing. Pages 73-82 in R.G. Hodson et al., editors. *Hybrid striped bass culture: status and perspective*. University of North Carolina, Sea Grant College Publication, UNC-SG-87-03, Raleigh.
- Carlberg, J.M., J.C. van Olst, and M.J. Massingill. 2000. Hybrid striped bass: an important fish in US aquaculture. *Aquaculture Magazine* 26:26-38.
- Carlson, R.E., E.P. Baker, and R.E. Fuller. 1995. Immunological assessment of hybrid striped bass at three culture temperatures. *Fish and Shellfish Immunology* 5:359-373.
- Chadwick, H.D., C.E. von Geldern, Jr., and M.L. Johnson. 1966. White bass. Pages 412-422 in A. Calhoun, editor. *Inland fisheries management*. California Department of Fish and Game, Sacramento.

- Chinchar, V.G., L. Bryan, U. Silphadaung, E. Noga, D. Wade, and L. Rollins-Smith. 2004. Inactivation of viruses infecting ectothermic animals by amphibian and piscine antimicrobial peptides. *Virology* 323:268-275.
- Clawson, J.A., and R.T. Lovell. 1992. Improvement of nutritional value of *Artemia* for hybrid striped bass/white bass (*Morone saxatilis* x *Morone chrysops*) larvae by n-3 HUFA enrichment of nauplii with menhaden oil. *Aquaculture* 108:125-134.
- Coale, C.W., J.P. Anthony, G.J. Flick, G.S. Libey, G.P. Hong, G.D. Spittle, and N.A. Valley. 1993. Marketing aquaculture products: a retail market case study for sunshine bass. *Virginia Aquaculture Experimental Station Bulletin* 93-3. 56 p.
- Collins, C. 1991. Fish Farming in Arkansas. *Aquaculture Magazine* 17:69-71.
- Core, J. 2004. Improving sunshine bass production. *Agricultural Research* 52:14-17.
- Curtis, T.A., F.W. Sessions, D. Bury, M. Resk, and R.A. Dunham. 1988. Induction of polyploidy with hydrostatic pressure in striped bass, white bass, and their hybrids. *Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies* 41:63-69
- D'Abramo, L.R., C.L. Ohs, and J.B. Taylor. 2000. Effects of reduced levels of dietary protein and menhaden meal on production, dressout, and biochemical composition of phase III sunshine bass *Morone chrysops* female x *M. saxatilis* male cultured in earthen ponds. *Journal of the World Aquaculture Society* 31:316-325.
- D'Abramo, L.R., C.L. Ohs, T.R. Hanson, and J.B. Taylor. 2002. Production and economic analysis of two-phase and three-phase culture of sunshine bass in earthen ponds. *North American Journal of Aquaculture* 64:85-89.

- D'Abramo, L.R., C.L. Ohs, and T.R. Hanson. 2004. Effect of stocking weight and stocking density on production of hybrid striped bass (sunshine) in earthen ponds in the second phase of a 2-phase system. *Journal of the World Aquaculture Society* 35:33-45.
- Darwish, A.M, and A.A. Ismaiel. 2003. Laboratory efficacy of amoxicillin for the control of *Streptococcus iniae* infection in sunshine bass. *Journal of Aquatic Animal Health*. 15:209-213.
- Davis, K.B., and B.R. Griffin. 2004. Physiological responses of hybrid striped bass under sedation by several anesthetics. *Aquaculture* 233:531-548.
- Davis, K.B., and G.M. Ludwig. 2004. Hormonal effects on sex differentiation and growth in sunshine bass *Morone chrysops* x *M. saxatilis*. *Aquaculture* 231:587-596.
- Davis, K.B., N.C. Parker, and M.A. Suttle. 1982. Plasma corticosteroids and chlorides in striped bass exposed to tricaine methanesulfonate, quinaldine, etomidate, and salt. *The Progressive Fish-Culturist* 44:205-207.
- Davis, K.B., D.W. Freeman, and G.S. Snyder. 2004. Comparison of the stress response to seining between hybrid sunshine (*Morone chrysops* x *M. saxatilis*) and palmetto (*M. saxatilis* x *M. chrysops*) bass. *Journal of the World Aquaculture Society* 35: 109-112.
- Deeds, J.R., D.E. Terlizzi, J.E. Adolf, D.K. Stoecker, A.R. Place. 2002. Toxic activity from cultures of *Karlodinium micrum* (= *Gyrodinium galatheanum*) (Dinophyceae): a dinoflagellate associated with fish mortalities in an estuarine aquaculture facility. *Harmful Algae* 1:169-189.

- Dellenbarger, L., A. Schupp, J. Liuzzo, and L. Andrews. 1993. A sensory panel evaluation of selected species of finfish. *Journal of Food Products Marketing* 1:37-44.
- Deng, D.H., G.I. Hemre, and R.P. Wilson. 2002. Juvenile sunshine bass (*Morone chrysops* female x *M. saxatilis* male) do not require dietary myo-inositol. *Aquaculture* 213:387-393.
- Deng, D.H., and R.P. Wilson. 2003. Dietary riboflavin of juvenile sunshine bass (*Morone chrysops* female x *M. saxatilis* male). *Aquaculture* 218:695-701.
- Denson, M.R., and T.I.J. Smith. 1997. Tank culture of larval sunshine bass. *Progressive Fish Culturist* 59:59-63.
- Douglas, S.E., J.W. Gallant, R.S. Liebscher, A. Dacanay, and S.C.M. Tsoi. 2003. Identification and expression analysis of hepcidin-like antimicrobial peptides in bony fish. *Developmental and Comparative Immunology* 27:589-601.
- Ehtisham, A., J.J. Brown, and D. Conover. 1994. Evidence for countergradient variation in growth rate of larval and juvenile striped bass, or why striped bass growers might want to select broodstock fish from New York and not South Carolina. *Aquaculture '94 World Aquaculture Society, New Orleans, LA, Abstract*.
- Eifert, J.D. 1991. Quality changes of aquacultured hybrid striped bass fillet meat resulting from reduction of post-harvest metabolism. M.S. thesis. Virginia Polytechnic Institute and State University, Blacksburg.
- Eifert, J.D., C.R. Hackney, G.S. Libey, and G.J. Flick, Jr. 1992. Aquacultured hybrid striped bass fillet quality resulting from post-harvest cooling or CO₂ treatments. *Journal of Food Science* 57:1099-1102.

- Elkamel, A.A., J.P. Hawke, W.G. Henk, and R.L. Thune. 2003. *Photobacterium damsela* subsp. *piscicida* is capable of replicating in hybrid striped bass macrophages. *Journal of Aquatic Health* 15:175-183.
- Ellestad, L.E., R. Angel, and J.H. Soares, Jr. 2003. Intestinal phytase I: Detection and preliminary characterization of activity in the intestinal brush border membrane of hybrid striped bass *Morone saxatilis* x *M. chrysops*. *Fish Physiology and Biochemistry* 26:259-273.
- Ellestad, L.E., G. Dahl, R. Angel, J.H. Soares, Jr. 2003. The effect of exogenously administered recombinant bovine somatotropin on intestinal phytase activity in vivo phytate hydrolysis in hybrid striped bass *Morone chrysops* x *M. saxatilis*. *Aquaculture Nutrition* 9:327-336.
- Erickson, M.C. 1992. Lipid and tocopherol composition of farm-raised striped and hybrid striped bass. *Comparative Biochemistry and Physiology A* 101:171-176.
- Erickson, M.C. 1993. Ability of chemical measurements to differentiate oxidative stabilities of frozen minced muscle tissue from farm-raised striped bass and hybrid striped bass. *Food Chemistry* 48:381-385.
- Eshel, A., P. Lindner, P. Smirnoff, S. Newton, and S. Harpaz. 1993. Comparative study of proteolytic enzymes in the digestive tracts of the European sea bass and hybrid striped bass reared in freshwater. *Comparative Biochemistry and Physiology A*, 106:627-634.
- Evans, J.J., C.A. Shoemaker, and P.H. Klesius. 2000. Experimental *Streptococcus iniae* infection of hybrid striped bass (*Morone chrysops* x *M. saxatilis*) and tilapia (*Oreochromis niloticus*) by nares inoculation. *Aquaculture* 189:197-210.

- Evans, J.J., C.A. Shoemaker, and P.H. Klesius. 2001. Distribution of *Streptococcus iniae* in hybrid striped bass (*Morone chrysops* x *M. saxatilis*) following nare inoculation. *Aquaculture* 194:233-243.
- Fair, P.H., W.P. Williams, and T.I.J. Smith. 1993. Effect of dietary menhaden oil on growth and muscle fatty acid composition of hybrid striped bass, *Morone chrysops* x *M. saxatilis*. *Aquaculture* 116:171-189.
- Farmanfarmaian, I., and L.Z. Sun. 1999. Growth hormone effects on essential amino acid absorption, muscle amino acid profile, N-retention and nutritional requirements of striped bass hybrids. *Genetic Analysis Biomolecular Engineering* 15:107-113.
- Forshage, A.A., W.D. Harvey, K.E. Kulzer, and L.T. Fries. 1988. Natural reproduction of white bass x striped bass hybrids in a Texas reservoir. *Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies* 40:9-14.
- Fowler, K.P., C. Karahadian, N.J. Greenberg, and R.M. Harrell. 1994. Composition and quality of aquacultured hybrid striped bass fillets as affected by dietary fatty acids. *Journal of Food Science* 59:70-75, 90.
- Fruchtman, S., B. Gift, B. Howes, and R. Borski. 2001. Insulin-like growth factor-I augments prolactin and inhibits growth hormone release through distinct as well as overlapping cellular signaling pathways. *Comparative Biochemical Physiology, Part B, Biochemistry and Molecular Biology* 129:237-242.
- Fruchtman, S., D.C. McVey, and R.J. Borski. 2002. Characterization of pituitary IGF-I receptors: modulation of prolactin and growth hormone. *American Journal of Physiology* 283:R468-R476.

- Fuller, M., M. Keenum, and R. Kelly. 1990. Consumer acceptance of hybrid striped bass in a Mississippi Gulf coast restaurant. Agricultural Economics Research Report no. 187, Department of Agricultural Economics, Mississippi State University, Mississippi State.
- Gallagher, M. 1987. Nutritional requirements of striped bass and hybrids. Pages 53-60 in R. Hodson, T. Smith, J. McVey, R. Harrell, and N. Davies, editors. Hybrid striped bass culture: status and perspective. University of North Carolina Sea Grant Publication, UNC-5-87-03, North Carolina State University, Raleigh.
- Gallagher, M.L. 1992. Poultry meals as replacements for fishmeal in diets for hybrid striped bass (*Morone* sp.). Aquaculture '92, Orlando, FL, p. 99, Abstract.
- Gallagher, M.L. 1992. Soybean replacement of fishmeal in diets for hybrid striped bass (*Morone* sp.). Aquaculture '92, Orlando, FL, p. 99, Abstract.
- Gallagher, M.L. 1994. The use of soybean meal as a replacement for fish meal in diets for hybrid striped bass (*Morone saxatilis* x *M. chrysops*). Aquaculture 126:119-127.
- Gallagher, M.L. 1995. Interactions of carbohydrate and lipid in diets for hybrid striped bass (*Morone chrysops* x *M. saxatilis*). Journal of Applied Aquaculture 5:53-60.
- Gallagher, M.L. 1996. Growth responses and liver changes in juvenile sunshine bass (*Morone chrysops* x *M. saxatilis*) associated with dietary protein and lipid level. Journal of Applied Aquaculture 6:75-85.
- Gallagher, M.L. 1997. Apparent digestibility coefficients for some carbohydrates in diets for hybrid striped bass *Morone saxatilis* x *M. chrysops*. Journal of the World Aquaculture Society 28:429-431.

- Gallagher, M.L. 1999. Growth responses, tissue composition, and liver enzyme changes in juvenile sunshine bass, *Morone chrysops* x *M. saxatilis*, associated with dietary protein and lipid level. *Journal of Applied Aquaculture* 9:41-51.
- Gallagher, M.L., and M. LaDouceur. 1995. The use of blood meal and poultry products as partial replacements for fish meal in diets for juvenile palmetto bass (*Morone saxatilis* x *M. chrysops*). *Journal of Applied Aquaculture* 5:57-65.
- Gatlin, III, D.M. 1997. Nutrition and feeding of striped bass and hybrid striped bass. Pages 235-251 in R.M. Harrell, editor. *Striped bass and other Morone culture*. Elsevier, Amsterdam.
- Gaylord, T.G., and D.M. Gatlin III. 2000. Dietary lipid level but not L-carnitine affects growth performance of hybrid striped bass (*Morone chrysops* ♀ x *M. saxatilis* ♂). *Aquaculture* 190:237-246.
- Gaylord, T.G., and D.M. Gatlin III. 2000. Effects of dietary carnitine and lipid growth and body composition of hybrid striped bass (*Morone chrysops* ♀ x *M. saxatilis* ♂). *Fish Physiology and Biochemistry* 22:297-302.
- Geiger, J.G. 1983. Zooplankton production and manipulation in striped bass rearing ponds. *Aquaculture* 35:331-351.
- Geiger, J.G. 1983. A review of pond zooplankton production and fertilization for the culture of larval and fingerling striped bass. *Aquaculture* 35:353-369.
- Geiger, J.G. 1990. Pond fertilization and zooplankton management techniques for production of fingerling striped bass and hybrid striped bass. Pages 79-98 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. *Culture and propagation of*

- striped bass and its hybrids. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Gempesaw, II, C.M., F.F. Wirth, II, and J.R. Bacon. 1992. A financial analysis of integration in aquaculture production the case of hybrid striped bass. *Aquaculture* 104:193-215.
- Gempesaw, II, C.M., J.R. Bacon, and F.F. Wirth. 1992. Economies of pond size for hybrid striped bass growout. *Journal of the World Aquaculture Society* 23:38-48.
- Gempesaw, II, C.M., D. Lipton, V. Varma, and J.R. Bacon. 1992. A comparative analysis of hybrid striped bass production in ponds and tanks. *Proceedings of the National Extension Aquaculture Workshop*. Ferndale, AR, p. 31-42.
- Gempesaw, II, C.M., F.F. Wirth, J.R. Bacon, and L. Munasinghe. 1993. Economics of vertical integration in hybrid striped bass aquaculture. Pages 91-105 *in* U. Hatch and H. Kinnucan, editors. *Aquaculture: models and economics*. Westview Press, Boulder, CO.
- Gempesaw, II, C.M., J.R. Bacon, C.R. Wessells, and A. Manalo. 1995. Consumer perceptions of aquaculture products. *Proceedings from the annual meeting of the American Agricultural Economics Association* 77:1306-1312.
- Germann, J.F. 1982. Food habits of *Morone* hybrid bass in Clarks Hill Reservoir, Georgia. *Proceeding Annual Conference Southeastern Association Fish and Wildlife Agencies* 35:311-316.
- Gilbert, P.M., and D.E. Terlizzi. 1999. Cooccurrence of elevated urea levels and dinoflagellate blooms in temperate estuarine aquaculture ponds. *Applied and Environmental Microbiology* 65:5594-5596.

- Greenberg, N.J. 1992. Essential fatty acid requirements of juvenile sunshine bass (*Morone chrysops* x *M. saxatilis*). University of Maryland Center for Environmental and Estuarine Sciences, College Park.
- Greenberg, N.J., and R.M. Harrell. 1998. Effects of dietary lipid supplements on subadult sunshine bass. *Progressive Fish Culturist* 60:95-100.
- Griffin, M.E., P.B. Brown, and A.L. Grant. 1992. The dietary lysine requirement of juvenile hybrid striped bass. *Journal of Nutrition*. 122:1332-1337.
- Griffin, M.E., M.R. White, and P.B. Brown. 1994. Total sulfur amino acid requirement and cysteine replacement value for juvenile hybrid striped bass (*Morone saxatilis* x *M. chrysops*). *Comparative Biochemistry and Physiology A*, 108:423-429.
- Griffin, M.E., K.A. Wilson, and P.B. Brown. 1994. Dietary arginine requirement of juvenile hybrid striped bass. *Journal of Nutrition* 124:888-893.
- Griffin, M.E., K.A. Wilson, and P.B. Brown. 1994. Dietary choline requirement of juvenile hybrid striped bass. *Journal of Nutrition* 124:1685-1689.
- Grizzle, J.M., A.C. Mauldin, II, D. Young, and E. Henderson. 1985. Survival of juvenile striped bass (*Morone saxatilis*) and *Morone* hybrid bass (*Morone chrysops* x *Morone saxatilis*) increased by addition of calcium to soft water. *Aquaculture* 46: 167-171.
- Grizzle, J.M., and A.C. Mauldin, II. 1999. Increased postharvest survival of young white bass and sunshine bass by addition of calcium and sodium chloride to soft water. *North American Journal of Aquaculture* 61:146-149.
- Groman, D. B. 1982. Histology of the striped bass. American Fisheries Society Monograph 3. Bethesda, Maryland.

- Gummadi, R.C. and R.C. Reigh. 2003. Growth performance and body composition of palmetto bass fed five levels of dietary protein at two energy-to-protein ratios. *North American Journal of Aquaculture* 65:278-288.
- Halbrendth, C.K., F.F. Wirth, and G.F. Vaughn. 1991. Conjoint analysis of the mid-Atlantic food-fish market for farm-raised hybrid striped bass. *Southern Journal of Agricultural Economics* 23:155-163.
- Halbrendth, C.K., J.R. Bacon, and F.F. Wirth. 1991. Preferences of mid-Atlantic seafood buyers toward farm-raised hybrid striped bass. *Journal of Food Distribution Research* 22:35-48.
- Halbrendt, C., J.R. Bacon, and J. Pesek. 1992. Weighted least squares analysis for conjoint studies: the case of the hybrid striped bass. *Agribusiness* 8:187-198.
- Halbrendt, C.K., R. Aull-Hyde, and D.A. Dunkers. 1994. Expert opinions on critical production factors for sustained growth of the hybrid striped bass industry. *Transactions of the American Fisheries Society* 123:94-100.
- Hallerman, E.M. 1994. Toward coordination and funding of long-term genetic improvement programs for striped and hybrid bass *Morone* sp. *Journal of the World Aquaculture Society* 25:360-365.
- Handumrongkul, C., J.L. Silva. 1994. Aerobic counts, color adenine nucleotide changes in CO₂ packed refrigerated striped bass strips. *Journal of Food Science* 59:67-69.
- Harcke, J.E., and H.V. Daniels. 1999. Acute toxicity of ammonia and nitrite to reciprocal cross hybrid striped bass *Morone chrysops* x *M. saxatilis* eggs and larvae. *Journal of the World Aquaculture Society* 30:496-500.

- Harel, M., and A.R. Place. 2003. Tissue essential fatty acid composition and competitive response to dietary manipulations in white bass (*Morone chrysops*), striped bass (*M. saxatilis*) and hybrid striped bass (*M. chrysops* x *M. saxatilis*). *Comparative Biochemistry and Physiology. Part B Biochemistry and Molecular Biology* 135B: 83-94.
- Hargreaves, J.A., and S. Kucuk. 2001. Effects of diel un-ionized ammonia fluctuation on juvenile hybrid striped bass, channel catfish, and blue tilapia. *Aquaculture* 195:163-181.
- Harms, C.A., S. Kennedy-Stoskopf, W.A. Horne, F.J. Fuller, and W.A.F. Tompkins. 2000. Cloning and sequencing hybrid striped bass (*Morone saxatilis* x *M. chrysops*) transforming growth factor-beta (TGF-beta), and development of a reverse transcription quantitative competitive polymerase chain reaction (RT-qPCR) assay to measure TGF-beta mRNA of teleost fish. *Fish and Shellfish Immunology* 10:61-85.
- Harms, C.A., C.A. Ottinger, and S. Kennedy-Stoskopf. 2000. Correlation of transforming growth factor-beta messenger RNA (TGF-beta mRNA) expression with cellular immunoassays in triamcinolone-treated captive hybrid striped bass. *Journal of Aquatic Animal Health* 12:9-17.
- Harpaz, S., and Z. Uni. 1999. Activity of intestinal mucosal brush border membrane enzymes in relation to the feeding habits of three aquaculture fish species. *Comparative Biochemistry and Physiology, Part A. Molecular and Integrative Physiology* 124A:155-160.

Harrell, R.M. 1984. Tank spawning of first generation striped bass x white bass hybrids. *The Progressive Fish-Culturist* 46:75-78.

Harrell, R.M. 1997. Striped bass and other *Morone* culture. Elsevier, Amsterdam.

Harrell, R.M. 1997. Hybridization and genetics. Pages 217-234 in R.M. Harrell, editor, *Striped bass and other Morone culture*. Elsevier, Amsterdam.

Harrell, R.M., and J.M. Dean. 1987. Pterygiophore interdigitation patterns and morphometry of larval hybrids of the *Morone* species. *Transactions of the American Fisheries Society* 116:719-727.

Harrell, R.M., and J.M. Dean. 1988. Identification of juvenile hybrids of *Morone* based on meristics and morphometrics. *Transactions of the American Fisheries Society* 117:529-535.

Harrell, R.M., D.W. Meritt, J.N. Hochheimer, D.W. Webster, and W.D. Miller. 1988. Overwintering success of striped bass and hybrid striped bass held in cages in Maryland. *The Progressive Fish-Culturist* 50:120-121.

Harrell, R.M., J.H. Kerby, and R.V. Minton, editors. 1990. Culture and propagation of striped bass and its hybrids. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.

Harrell, R.M., J.H. Kerby, T.I.J. Smith, and R.E. Stevens. 1990. Striped bass and striped bass hybrid culture: the next twenty-five years. Pages 253-261 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. *Culture and propagation of striped bass and its hybrids*. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.

- Harrell, R.M., X.L. Xu, and B. Ely. 1993. Evidence of introgressive hybridization in Chesapeake Bay *Morone*. *Molecular Marine Biology and Biotechnology* 2(5): 291-299.
- Harrell, R.M., J.A. Geiger, J.H. Kerby, and H.A. Kincaid. 1996. Genetic manipulation in striped bass, *Morone saxatilis*. *Aquaculture America '96*. Annual meeting of the U.S. Chapter of the World Aquaculture Society, Abstract.
- Harvey, P., J. Kirkley, L. Richardson, and J. Sanko. 1990. Hybrid striped bass aquaculture survey and market potential. Virginia Department of Agriculture and Consumer Services, Division of Marketing, Richmond, VA.
- Hawke, J.P., R.L. Thune, R.K. Cooper, E. Judice, and M. Kelly-Smith. 2003. Molecular and phenotypic characterization of strains of *Photobacterium damsela* subsp. *Piscicida* isolated from hybrid striped bass cultured in Louisiana, USA. *Journal of Aquatic Animal Health* 15:189-201.
- Hemre, G.I., and R.P. Wilson. 2002. A high retinol dietary intake increases its apical absorption by the proximal small intestine of juvenile sunshine bass (*Morone chrysops* x *M. saxatilis*). *Journal of Nutrition* 132:2713-2716.
- Hemre, G.I., D.F. Deng, R.P. Wilson, and M.H.G. Berntssen. 2004. Vitamin A metabolism and early biological responses in juvenile sunshine bass (*Morone chrysops* x *M. saxatilis*) fed graded levels of vitamin A. *Aquaculture* 235:645-658.
- Henderson-Arzapalo, A., and R.L. Colura. 1987. Laboratory maturation and induced spawning of striped bass. *The Progressive Fish-Culturist* 49:60-62.

- Heyward, L.M., T.I.J. Smith, and W.E. Jenkins. 1995. Performance of striped bass (*Morone saxatilis*), palmetto bass and backcross hybrids (sunshine bass *Morone chrysops* ♀ x *M. saxatilis* ♂) reared in a tank culture system. *Aquaculture* 95, Annual Meeting of the World Aquaculture Society, Abstract.
- Hochheimer, J.N., and F.W. Wheaton. 1997. Intensive culture of striped bass. Pages 127-168 in R.M. Harrell, editor. *Striped bass and other Morone culture*. Elsevier, Amsterdam.
- Hodson, R.G. 1989. Hybrid striped bass biology and life history. Southern Regional Aquaculture Center Publication 300. Stoneville, Mississippi.
- Hodson, R.G. 1995. Farming a new fish: hybrid striped bass. North Carolina Sea Grant Pub UNC-SG-95-10, Raleigh.
- Hodson, R., T.. Smith, J. McVey, R. Harrell, and N. Davis. 1987. Hybrid striped bass culture: status and perspective. University of North Carolina Sea Grant College Publication UNC-SG-87-03, Raleigh.
- Hodson, R.G., and T.I.J. Smith. 1988. Farming hybrid striped bass. *Oceanus* 31:70-74.
- Hodson, R.G., and M. Hayes. 1989. Hybrid striped bass: pond production of fingerlings. Southern Regional Aquaculture Center Publication 302. Ada, Oklahoma.
- Hodson, R.G., and M. Hayes. 1989. Hybrid striped bass: hatchery phase. Southern Regional Aquaculture Center Publication 300. Ada, Oklahoma.
- Houde, E.D., and L. Lubbers, III. 1986. Survival and growth of striped bass, *Morone saxatilis*, and *Morone* hybrid larvae: laboratory and pond enclosure experiments. *Fishery Bulletin* 84:905-914.

- Hrubec, T.C., J.L. Robertson, S.A. Smith, and M.K. Tinker. 1996. The effect of temperature and water quality on antibody response to *Aeromonas salmonicida* in sunshine bass (*Morone chrysops* x *M. saxatilis*). *Veterinary Immunology and Immunopathology* 50:157-166.
- Hrubec, T.C., S.A. Smith, J.L. Robertson, B. Feldman, H.P. Veit, G. Libey, and M.K. Tinker. 1996. Blood biochemical reference intervals for sunshine bass (*Morone chrysops* x *M. saxatilis*) in three culture systems. *American Journal of Veterinary Research* 57:624-627.
- Hrubec, T.C., S.A. Smith, J.L. Robertson, B. Feldman, H.P. Veit, G. Libey, and M.K. Tinker. 1996. Comparison of hematologic reference intervals between culture system and type of hybrid striped bass. *American Journal of Veterinary Research* 57:618-623.
- Hrubec, T.C., J.L. Robertson, and S.A. Smith. 1997. Effects of temperature on hematologic and serum biochemical profiles of hybrid striped bass (*Morone chrysops* x *Morone saxatilis*). *American Journal of Veterinary Research* 58:126-130.
- Hrubec, T.C., J.L. Robertson, and S.A. Smith. 1997. Effect of ammonia and nitrate concentration on hematologic and serum biochemical profiles of hybrid striped bass (*Morone chrysops* x *Morone saxatilis*). *American Journal of Veterinary Research* 58:131-135.
- Hrubec, T.C., and S.A. Smith. 1999. Differences between plasma and serum samples for the evaluation of blood chemistry values in rainbow trout, channel catfish, hybrid tilapias, and hybrid striped bass. *Journal of Aquatic Animal Health* 11:116-122.

- Hrubec, T.C., S.A. Smith, and J.L. Robertson. 2001. Age-related changes in hematology and plasma chemistry values of hybrid striped bass (*Morone chrysops* x *Morone saxatilis*). *Veterinary Clinical Pathology* 30:8-15.
- Hrubec, T.C., D. Ward, S.A. Smith, and J.L. Robertson. 2004. Age related changes in humoral immune response of hybrid striped bass (*Morone chrysops* x *Morone saxatilis*). *Veterinary Immunology and Immunopathology* 101: 103-108.
- Huang, H.T., C. Tu, S.H. Chuang, S.S. Hung, J.F. Su, and S.Y. Lin. 2001. Pasteurellosis in reared hybrid striped bass (*Morone saxatilis* x *Morone chrysops*). *Fish Pathology* 36:35-37.
- Hughes, J.S., T.L. Wellborn, and A.J. Mitchell. 1990. Parasites and diseases of striped bass and hybrids. Pages 217-238 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. Culture and propagation of striped bass and its hybrids. Striped Bass Committee, Southern Division American Fisheries Society, Bethesda, MD.
- Hutchins, C.G., S.D. Rawles, and D.M. Gatlin III. 1998. Effects of dietary carbohydrate kind and level on growth, body composition and glycemic response of juvenile sunshine bass (*Morone chrysops* ♀ x *M. saxatilis* ♂). *Aquaculture* 161:187-199.
- Hyde, C.K. 1991. Hybrid striped bass promising for Alabama aquaculture. *Highlights of Agricultural Research at the Alabama Experimental Station* 38:9.
- Isley, J.J., S.P. Young, T.A. Jones, and J.J. Schaffler. 2002. Effects of antenna placement and antibiotic treatment on loss of simulated transmitters and mortality in hybrid striped bass. *North American Journal of Fisheries Management* 22:204-207.

- Jackson, L.E., P. Swanson, C. Duan, S. Fruchtman, and C.V. Sullivan. 2000. Purification, characterization, and bioassay of prolactin and growth hormone from temperate basses, genus *Morone*. *General and Comparative Endocrinology* 117:138-150.
- Jacobs, J.M., S. Lindell, W. van Heukelem, E.M. Hallerman, and R. M. Harrell. 1999. Strain evaluation of striped bass (*Morone saxatilis*) under controlled conditions. *Aquaculture* 173:171-177.
- Jahn, L.A., D.R. Douglas, M.J. Terhaar, and G.W. Kruse. 1987. Effects of stocking hybrid striped bass in Spring Lake, Illinois. *North American Journal of Fisheries Management* 7:522-530.
- Jaramillo Jr., F., and D.M. Gatlin. 2004. Comparison of purified and practical diets supplemented with or without β -glucan and selenium on resistance of hybrid striped bass *Morone chrysops* ♀ x *M. saxatilis* ♂ to *Streptococcus iniae*. *Journal of the World Aquaculture Society* 35:245-252.
- Jenkins, W.E., T.I.J. Smith, A.D. Stokes, and R.A. Smiley. 1989. Effect of stocking density on production of advanced juvenile hybrid striped bass. *Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies* 42:56-65.
- Jenkins, W.E., L.D. Heyward, Sr., and T.I.J. Smith. 1998. Performance of domesticated striped bass *Morone saxatilis*, palmetto bass and backcross hybrid striped bass (sunshine bass female x striped bass male) raised in a tank culture system. *Journal of the World Aquaculture Society* 29:505-509.

- Jenkins, W.E., and T.I.J. Smith. 1998. Aquashade fails to control avian predators of pond-cultured juvenile sunshine bass (*Morone chrysops* x *M. saxatilis*). *Journal of Applied Aquaculture* 8:63-69.
- Kahl, K.H. 1995. Results of the hybrid striped bass producer and state aquaculture coordinator survey. South Carolina Department of Agriculture Report. Columbia.
- Kahl, K.H., and M. Shim. 1997. Factors that affect the probability that a food retailer sells a specialty food product, hybrid striped bass. *Journal of Food Production and Marketing* 4:39-54.
- Karahadian, C., R.G. Brannan, and J.L. Heath. 1997. Electron beam irradiation, oxygen, and temperature effects on nucleotide degradation in stored aquaculture hybrid striped bass fillets. *Journal of Food Quality* 20:157-169.
- Keembiyehetty, C.N. 1995. Amino acid nutrition of sunshine bass (*Morone chrysops* x *M. saxatilis*). Ph.D. Dissertation, Texas A&M University, College Station, Texas, 84 pp.
- Keembiyehetty, C.N., and D.M. Gatlin, III. 1992. Dietary lysine requirement of juvenile hybrid striped bass (*Morone chrysops* x *M. saxatilis*). *Aquaculture* 104:271-277.
- Keembiyehetty, C.N., and D.M. Gatlin, III. 1993. Total sulfur amino acid requirement of juvenile hybrid striped bass, *Morone chrysops* x *M. saxatilis*. *Aquaculture* 110: 331-339.
- Keembiyehetty, C.N., and D.M. Gatlin, III. 1994. Dietary threonine requirement of sunshine bass, *Morone chrysops* ♀ x *M. saxatilis* ♂. *World Aquaculture '94*, New Orleans, LA, p.61. Abstract.

- Keembiyehetty, C.N., and D.M. Gatlin, III. 1995. Evaluation of different sulfur compounds in the diet of juvenile sunshine bass (*Morone chrysops* (female) x *M. saxatilis* (male)). *Comparative Physiology A* 112:155-159.
- Keembiyehetty, C.N., and D.M. Gatlin, III. 1997. Dietary threonine requirement of juvenile hybrid striped bass (*Morone chrysops* female x *M. saxatilis* male). *Aquaculture Nutrition* 3:217-221.
- Keembiyehetty, C.N., and D.M. Gatlin, III. 1997. Performance of sunshine bass fed soybean-meal-based diets supplemented with different methionine compounds. *Progressive Fish-Culturist* 59:25-30.
- Keembiyehetty, C.N., and R.P. Wilson. 1998. Effect of water temperature on growth and nutrient utilization of sunshine bass (*Morone chrysops* female x *Morone saxatilis* male) fed diets containing different energy/protein ratios. *Aquaculture* 166:151-162.
- Kelly, A.M., and C.C. Kohler. 1996. Sunshine bass performance in ponds, cages, and indoor tanks. *The Progressive Fish-Culturist* 58:55-58.
- Kelly, A.M., and C.C. Kohler. 1999. Cold tolerance and fatty acid composition of striped bass, white bass, and their hybrids. *North American Journal of Aquaculture* 61:278-285.
- Kemeh, S., and P.B. Brown. 2001. Evaluation of different stocking densities for hybrid striped bass in small-scale recirculating systems. *North American Journal of Aquaculture* 63:234-237.
- Kerby, J.H. 1972. Feasibility of artificial propagation and introduction of hybrids of the *Morone* complex into estuarine environments, with a meristic and morphometric

- description of the hybrids. Ph.D. Dissertation. University of Virginia, Charlottesville.
- Kerby, J.H. 1979. Morphometric characters of two *Morone* hybrids female striped bass (*Morone saxatilis*) x male white bass (*Morone chrysops*) and female striped bass x male white perch (*Morone americana*). Proceedings Annual Conference Southeastern Association of Fish and Wildlife Agencies p. 344-352.
- Kerby, J.H. 1983. Cryogenic preservation of sperm from striped bass. Transactions of the American Fisheries Society 112:86-94.
- Kerby, J.H. 1984. Cryopreservation of striped bass spermatozoa: problems and progress. Pages 205-213 in J.P. McCraren, editor. The aquaculture of striped bass: a proceedings. Maryland Sea Grant Publication UM-SG-MAP-84-01. University of Maryland, College Park.
- Kerby, J.H. 1986. Striped bass and striped bass hybrids. Pages 127-147 in R.R. Stickney, editor. Culture of nonsalmonid freshwater fishes. CRC Press, Boca Raton, Florida.
- Kerby, J.H. 1987. Genetic manipulation in *Morone*. Pages 61-71 in R. Hodson, T. Smith, J. McVey, R. Harrel (sic), and N. Davis, editors. Hybrid striped bass culture: status and perspective. University of North Carolina Sea Grant Publication. UNC-5-87-03. North Carolina State University, Raleigh.
- Kerby, J.H. 1988. Induction of triploidy in hybrid striped bass using hydrostatic pressure. Journal of the World Aquaculture Society 19:41A. Abstract.

- Kerby, J.H. 1993. Striped bass and its hybrids. Pages 251-306 *in* R.R. Stickey, editor. Culture of nonsalmonid freshwater fishes, 2nd edition, CRC Press, Boca Raton, FL.
- Kerby, J.H., L.C. Woods, III, and M.T. Huish. 1983. Culture of the striped bass and its hybrids: a review of methods, advances and problems. Pages 23-54 *in* R.R. Stickey and S.P. Meyers, editors. Proceedings of the warmwater fish culture workshop. World Mariculture Society Special Publication 3. Louisiana State University, Baton Rouge.
- Kerby, J.H., L.C. Woods, III, and M.T. Huish. 1983. Pond culture of striped bass x white bass hybrids. *Journal of the World Mariculture Society* 14:613-623.
- Kerby, J.H., J.M. Hinshaw, and M.T. Huish. 1987. Increased growth and production of striped bass x white bass hybrids in earthen ponds. *Journal of the World Aquaculture Society* 18:35-43.
- Kerby, J.H., M.T. Huish, G.T. Klar, and N.C. Parker. 1987. Comparative growth and survival of two striped bass hybrids, a backcross, and striped bass in earthen ponds. *Journal of the World Aquaculture Society* 20:47A. Abstract.
- Kerby, J.H., J.M. Hinshaw, and M.T. Huish. 1989. Induction of triploidy in hybrid striped bass using thermal shock and comparative growth between diploid and triploid offspring. *Journal of the World Aquaculture Society* 20:47A. Abstract.
- Kerby, J.H., and R.M. Harrell. 1990. Hybridization, genetic manipulation, and gene pool conservation of striped bass. Pages 159-190 *in* R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. Culture and propagation of striped bass and its hybrids. Striped

- Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Kerby, J.H., J.M. Everson, R.M. Harrell, J.G. Geiger, C.C. Starling, and H. Revels. 2002. Performance comparisons between diploid and triploid sunshine bass in freshwater ponds. *Aquaculture* 211:91-108
- King, W.V., P. Thomas, R.M. Harrell, R.G. Hodson, and C.V. Sullivan. 1994. Plasma levels of gonadal steroids during final oocyte maturation of striped bass, *Morone saxatilis*. *General and Comparative Endocrinology* 95:178-191.
- King, W.V., P. Thomas, and C.V. Sullivan. 1994. Hormonal regulation of final maturation of striped bass oocytes *in vitro*. *General and Comparative Endocrinology* 96:223-233.
- King, W.V., D.L. Berlinsky, and C.V. Sullivan. 1995. Involvement of gonadal steroids in final oocyte maturation of white perch (*Morone americana*) and white bass (*Morone chrysops*): *in vivo* and *in vitro* studies. *Fish Physiology and Biochemistry* 14:489-500.
- Klenke, U., and Y. Zohar. 2003. Gonadal regulation of gonadotropin subunit expression and pituitary Lh protein content in female hybrid striped bass. *Fish Physiology and Biochemistry* 28:25-27.
- Kocabas, A. M., and D.M. Gatlin III. 1999. Dietary vitamin E requirement of hybrid striped bass (*Morone chrysops* ♀ x *M. saxatilis* ♂). *Aquaculture Nutrition* 5:3-7.
- Kohler, C.C. 1997. White bass production and broodstock development. Pages 169-184 *in* R.M. Harrell, editor, *Striped bass and other Morone culture*. Elsevier, Amsterdam.

- Kohler, C.C. 2000. Striped bass and hybrid striped bass culture. Pages 898-907 in R.R. Stickney, editor. Encyclopedia of Aquaculture. Wiley, New York.
- Kohler, C.C., R.J. Sheehan, C. Habicht, J.A. Madison, and T.B. Kayes. 1994. Habituation to captivity and controlled spawning of white bass. Transactions of the American Fisheries Society 123:964-974.
- Kohler, C.C., R.J. Sheehan, V. Sanchez, and A. Suresh. 1994. Evaluation of various doses of hCG to induce final oocyte maturation and ovulation in white bass. Aquaculture '94 World Aquaculture Society, New Orleans, LA. Abstract.
- Kohler, C.C., R.J. Sheehan, J.J. Myers, J.B. Rudacille, M.L. Allyn, and A.V. Suresh. 2001. Performance comparison of geographic strains of white bass (*Morone chrysops*) to produce sunshine bass. Aquaculture 202:351-357.
- Lauth, X., H. Shike, J.C. Burns, M.E. Westerman, V.E. Ostland, J.M. Carlberg, J.C. van Olst, V. Nizet, S.W. Taylor, C. Shimizu, and P. Bulet. 2002. Discovery and characterization of two isoforms of moronecidin, a novel antimicrobial peptide from hybrid striped bass. The Journal of Biological Chemistry 277:5030-5039.
- Leclerc, G., B. Ely, X.L. Xu, and R.M. Harrell. 1996. Gynogen production in hybrid striped bass. Journal of the World Aquaculture Society 27:119-125.
- Lewis, R.M., and R.R. Bonner, Jr. 1966. Fecundity of the striped bass, *Roccus saxatilis* (Walbaum). Transactions of the American Fisheries Society 95:328-331.
- Lewis, W.M., R.C. Heidinger, and B.L. Tetzlaff. 1981. Tank culture of striped bass production manual. Fisheries Research Laboratory, Southern Illinois University, Carbondale.

- Li, P., and D.M. Gatlin, III. 2003. Evaluation of brewers yeast (*Saccharomyces cerevisiae*) as a feed supplement for hybrid striped bass (*Morone chrysops* x *M. saxatilis*). *Aquaculture* 219:681-692.
- Li, P., and D.M. Gatlin, III. 2004. Dietary brewers yeast and the prebiotic Grobiotic AE influence growth performance, immune responses and resistance of hybrid striped bass (*Morone chrysops* x *M. saxatilis*) to *Streptococcus iniae* infection. *Aquaculture* 231:445-456.
- Li, P., D.H. Lewis, and D.M. Gatlin, III. 2004. Dietary oligonucleotides from yeast RNA influence immune responses and resistance of hybrid striped bass (*Morone chrysops* x *Morone saxatilis*) to *Streptococcus iniae* infection. *Fish and Shellfish Immunology* 16:561-569.
- Liao, I.C. 1996. Larviculture of finfish and shellfish in Taiwan. *Journal of the Fisheries Society of Taiwan* 23:349-369.
- Liu, F.G., S.C. Cheng, and H.C. Chen. 1998. Induced spawning and larval rearing of domestic hybrid striped bass (*Morone saxatilis* x *M. chrysops*) in Taiwan. *Israeli Journal of Aquaculture* 50:111-127.
- Liu, F.G., S.D. Yang, and H.C. Chen. 1998. Effect of temperature on feed response, growth performance, and muscle proximate composition in juvenile hybrid striped bass (*Morone saxatilis* x *M. chrysops*). *Israeli Journal of Aquaculture* 50:184-194.
- Liu, F.G., and I.C. Liao. 1999. Effect of feeding regimen on the food consumption, growth, and body composition in hybrid striped bass *Morone saxatilis* x *M. chrysops*. *Fisheries Science* 65:513-519.

- Liu, F.G., S.D. Yang, and H.C. Chen. 1999. Effects of stocking density on growth, gross composition, and plasma hepatic metabolite levels in palmetto bass, *Morone saxatilis* x *M. chrysops*. California Fish and Game 85:11-20.
- Liu, F.G., T.S. Lin, D.U. Huang, M.L. Perng, and I.C. Liao. 2000. An automated system for egg collection, hatching, and transfer of larvae in a freshwater finfish hatchery. Aquaculture 182:137-148.
- Lochmann, S.E., and G.M. Ludwig. 2003. Relative triacylglycerol and morphometric measures of condition in sunshine bass fry. North American Journal of Aquaculture 65:191-202.
- Logan, H.J. 1968. Comparison of growth and survival rates of striped bass and striped bass x white bass hybrids under controlled environments. Proceedings of the Annual Conference Southeastern Association of Game and Fish Commissioners 21:260-263.
- Losordo, T.M., J.E. Easley, and P.W. Westerman. 1989. The preliminary results of a feasibility study of fish production in recirculating aquaculture systems. American Society of Agricultural Engineers 18 pp.
- Lu, C., and D.G. McMahon. 1996. Gap junction channel gating at bass retinal electrical synapses. Visual Neuroscience 13:1049-1057.
- Lu, C., and D.G. McMahon. 1997. Modulation of hybrid bass retinal gap junctional channel gating by nitric oxide. Journal of Physiology 499:689-699.
- Ludwig, G.M. 1993. Effects of trichlorfon, fenthion, and diflubenzuron on the zooplankton community and on production of reciprocal-cross hybrid striped bass fry in culture ponds. Aquaculture 110:301-319.

- Ludwig, G.M. 1994. Tank culture of sunshine bass *Morone chrysops* x *M. saxatilis* fry with freshwater rotifers *Brachionus calyciflorus* and salmon starter meals as first food sources. *Journal of the World Aquaculture Society* 25:337-341.
- Ludwig, G.M. 2000. Effect of environmental factors on development of rotifer and copepod nauplii populations in sunshine bass (*Morone chrysops* x *M. saxatilis*) nursery ponds without fish. *Journal of the World Aquaculture Society* 31:1-13.
- Ludwig, G.M. 2002. The effects of increasing organic and inorganic fertilizer on water quality, primary production, zooplankton, and sunshine bass, *Morone chrysops* x *M. saxatilis*, fingerling production. *Journal of Applied Aquaculture* 12:1-29.
- Ludwig, G.M. 2003. Tank culture of larval sunshine bass, *Morone chrysops* (Rafinesque) x *M. saxatilis* (Walbaum), at three feeding levels. *Aquaculture Research* 34:1277-1285.
- Ludwig, G.M. 2004. The effect of continual, nocturnal, or no aeration on water chemistry and plankton standing crops in highly-fertilized sunshine bass, *Morone chrysops* x *M. saxatilis*, fingerling production ponds without fish. *Journal of Applied Aquaculture* 14:23-41.
- Ludwig, G.M., and D.L. Tackett. 1991. Effects of using rice bran and cotton seed meal as organic fertilizers on water quality, plankton, and growth and yield of striped bass, *Morone saxatilis*, fingerlings in ponds. *Journal of Applied Aquaculture* 1:79-94.
- Ludwig, G.M. and S. Lochmann. 2000. Culture of sunshine bass, *Morone chrysops* x *M. saxatilis*, fry in tanks with zooplankton cropped from ponds with a drum filter. *Journal of Applied Aquaculture* 10:11-26.

- Luzzana, U, M. Scolari, B.C. Dall'Orto, F.A. Vaini, N. Nargaye, and F. Valfre. 2002. Fillet yield and chemical composition of farm-raised sunshine bass (*Morone chrysops* female x *M. saxatilis* male) fed high-energy diets. *Journal of Applied Ichthyology* 18:65-69.
- Ma, R. 2002. Experiment on the larval rearing of the hybrid striped bass (*Morone saxatilis*). *Qilu Yuye* 19:16-18.
- Mananos, E.L., P. Swanson, J. Stubblefield, and Y. Zohar. 1997. Purification of gonadotropin II from a teleost fish, the hybrid striped bass, and development of a specific enzyme-linked immunosorbent assay. *General and Comparative Endocrinology* 108:209-222.
- Massingill, M.J., T.A. Hovanec, J.C. van Olst, and J.M. Carlberg. 1983. Commercial and recreational potential of the striped bass x white bass hybrid (*Morone saxatilis*, *Morone chrysops*). *California and Nevada Wildlife Transactions* 1983:183-187.
- Mauldin, A.C., T. Barrett, and J.M. Grizzle. 2002. Use of a sodium chloride refuge to improve survival of larval *Morone* species during transfer to rearing ponds. *North American Journal of Aquaculture* 64:85-89.
- McArdle, M, A. Elskus, A. McElroy, B. Larsen, W. Benson, and D. Schlenk. 2000. Estrogenic and CYP1A response of mummichogs and sunshine bass to sewage effluent. *Marine-Environmental Research* 50:175-179.
- McMillan, J.D., F.W. Wheaton, J.N. Hochheimer, and J. Soares. 2003. Pumping effect on particle sizes in a recirculating aquaculture system. *Aquaculture Engineering* 27:53-59.

- McNulty, S.T., P.H. Klesius, C.A. Shoemaker, and J.J. Evans. 2003. *Streptococcus iniae* infection and tissue distribution in hybrid striped bass (*Morone chrysops* x *Morone saxatilis*) following inoculation of the gills. *Aquaculture* 14:165-173.
- McVey, E. 1991. Culture of striped and hybrid striped bass—January 1979-October 1991. Quick Bibliography Service US Department of Agriculture National Agriculture Library of the US, Beltsville, MD.
- McVey, J.P. 1996. Highlights of aquaculture research in the National Sea Grant Program. *Bulletin of the National Research Institute of Aquaculture* 0(SUPPL.2):89-93.
- Meinertz, J.R., G.R. Stehly, S.L. Greseth, M.P. Gaikowski, and W.H. Gingerich. 2004. Depletion of the chloramine-T marker residue, para-toluenesulfonamide, from skin-on fillet tissue of hybrid striped bass, rainbow trout, and yellow perch. *Aquaculture* 235:65-75.
- Melamed, O., B. Timan, R.R. Avtalion, and E.J. Noga. 1999. Design of a stress model in the hybrid bass (*Morone saxatilis* x *Morone chrysops*). *Israeli Journal of Aquaculture* 51:10-16.
- Minton, R.V., and R.M. Harrell. 1990. The culture of striped bass and hybrids in brackish water. Pages 243-251 in R.M. Harrell, J.H. Kerby and R.V. Minton, editors. *Culture and propagation of striped bass and its hybrids*. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Mitchell, A.J. 1995. Importance of treatment duration for praziquantel used against larval digenetic trematodes in sunshine bass. *Journal of Aquatic Animal Health* 7:327-330.

- Mitchell, A.J., A.E. Goodwin, M.J. Salmon, and T.M. Brandt. 2002. Experimental infection of an exotic heterophyid trematode, *Centrocestus formosanus*, in four aquaculture fishes. *North American Journal of Aquaculture* 64:55-59.
- Moczygemba, J.H., B.T. Hysmith, and W.E. Whitworth. Impacts of increasing hybrid striped bass stocking rate and frequency. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 45:437-443.
- Morris, J.E. 1989. Supplemental feeding of hybrid striped bass fry. *Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies* 43:96-105.
- Morris, J.E., L.R. D'Abramo, and R.C. Muncy. 1990. An inexpensive marking technique to assess ingestion of formulated feeds by larval fish. *Progressive Fish Culturist* 52:120-121.
- Mullis, A.W., and J.M. Smith. 1990. Design considerations for striped bass and striped bass hybrid hatching facilities. Pages 7-27 in R.M. Harrell, J.H. Kerby and R.V. Minton, editors. *Culture and propagation of striped bass and its hybrids*. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Myers, J.J., and C.C. Kohler. 2000. Acute responses to salinity for sunshine bass and palmetto bass. *North American Journal of Aquaculture* 62:195-202.
- Mylonas, C.C., Y. Magnus, A. Gissis, Y. Klebonov, and Y. Zohar. 1996. Application of controlled-release mGnRH α -delivery systems in commercial production of white bass x striped bass hybrids (sunshine bass) using captive broodstock. *Aquaculture* 140:265-280.

- Nadelstein, B., R. Bakal, and G.A. Lewbart. 1997. Orbital exenteration and placement of a prosthesis in fish. *Journal of the American Veterinary Medical Association* 211:603-606.
- Neal, W.J., J.A. Rice, and R.L. Noble. 1999. Evaluation of two sizes of hybrid striped bass for introduction into small ponds. *North American Journal of Aquaculture* 61:74-78.
- Nedoluha, P.C., and D. Westhoff. 1993. Microbiological flora of aquacultured hybrid striped bass. *Journal of Food Production* 56:1054-1600.
- Nedoluha, P.C., and D. Westhoff. 1995. Microbiological analysis of striped bass (*Morone saxatilis*) grown in flow-through tanks. *Journal of Food Protection* 58:1363-1368.
- Nedoluha, P.C., and D. Westhoff. 1997. Microbiology of striped bass grown in three aquaculture systems. *Food Microbiology* 14:255-264.
- Nedoluha, P.C., S. Owens, C.E. Russek, and D.C. Westhoff. 2001. Effect of sampling method on the representative recovery of microorganisms from the surfaces of aquacultured finfish. *Journal of Food Protection* 64:1515-1520.
- Nematipour, G.R., M.L. Brown, and D.M. Gatlin, III. 1992. Effects of dietary carbohydrate:lipid ratio on growth and body composition of hybrid striped bass. *Journal of the World Aquaculture Society* 23:128-132.
- Nematipour, G.R., M.L. Brown, and D.M. Gatlin, III. 1992. Effects of dietary energy:protein ratio on growth characteristics and body composition of hybrid striped bass, *Morone chrysops* x *M. saxatilis*. *Aquaculture* 107:359-368.

- Nematipour, G.R., and D.M. Gatlin, III. 1993. Effects of different kinds of dietary lipid on growth and fatty acid composition of juvenile hybrid striped bass, *Morone chrysops* x *M. saxatilis*. *Aquaculture* 114:141-154.
- Nematipour, G.R., and D.M. Gatlin, III. 1993. Requirement of hybrid striped bass, for dietary (*n*-3) highly unsaturated fatty acids. *Journal of Nutrition* 127:744-753.
- Nicholson, L.C., L.C. Woods, III, and J.G. Woiwode. 1990. Intensive culture techniques for the striped bass and its hybrids. Pages 141-158 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. *Culture and propagation of striped bass and its hybrids*, Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Noga, E.J., S.A. Smith, and J.H. Landsberg. 1991. Amyloodiniosis in cultured hybrid striped bass *Morone saxatilis* x *Morone chrysops* in North Carolina. *Journal of Aquatic Animal Health* 3:294-297.
- Noga, E.J., J.H. Kerby, W. King, D.P. Aucoin, and F. Giesbrecht. 1994. Quantitative comparison of the stress response of striped bass (*Morone saxatilis*) and hybrid striped bass (*Morone saxatilis* x *Morone chrysops* and *Morone saxatilis* x *Morone americana*). *American Journal of Veterinary Research* 55:405-409.
- Noga, E.J., C. Wang, C.B. Grindem, and R. Avtalion. 1999. Comparative clinicopathological responses of striped bass and palmetto bass to acute stress. *Transactions of the American Fishery Society* 128:680-686.
- Noga, E.J., Z. Fan, and U. Siphaduang. 2002. Host site of activity and cytological effects of histone-like proteins on the parasitic dinoflagellate *Amyloodinium ocellatum*. *Diseases of Aquatic Organisms* 52:207-215.

- Noga, E.J., P. Udomkusonsri. 2002. Fluorescein: a rapid, sensitive, nonlethal method for detecting skin ulceration in fish. *Veterinary Pathology* 39:726-731.
- Odom, E.W., M.S. Quesenberry, and G.R. Vasta. 1997. A novel acute phase protein isolated from the hybrid striped bass (*Morone saxatilis* x *Morone chrysops*) liver. *Developmental and Comparative Immunology* 21:168.
- Oppenborn, J.B., and C.A. Goudie. 1993. Acute and sublethal effects of ammonia on striped bass and hybrid striped bass. *Journal of the World Aquaculture Society* 24:90-101.
- Parker, N.C., and J.G. Geiger. 1984. Production methods for striped bass. Pages 106-118 in H.K. Dupree and J.V. Huner, editors. Third report to the fish farmers: the status of warm-water fish farming and progress in fish farming research. U.S. Fish and Wildlife Service, Washington, D.C.
- Parker, N.C., G.T. Klar, T.I.J. Smith, and J.H. Kerby. 1990. Special considerations in the culture of striped bass and striped bass hybrids. Pages 191-215 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. Culture and propagation of striped bass and its hybrids. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Pfeiffer, C.J., B.J. Smith, and S.A. Smith. 1999. Ultrastructural morphology of the gill of the hybrid striped bass (*Morone saxatilis* x *M. chrysops*). *Anatomia Histologia Embryologia* 28:337-344.
- Pitman, V.M., and S. Gutreuter. 1993. Initial poststocking survival of hatchery-reared fishes. *North American Journal of Fisheries Management* 13:151-159.

- Plumb, J.A. 1991. Major diseases of striped bass and redfish. *Veterinary and Human Toxicology* 33, Supplement 1:34-39.
- Plumb, J.A. 1997. Infectious diseases of striped bass. Pages 271-313 in R.M. Harrell, editor. *Striped bass and other Morone culture*. Elsevier, Amsterdam.
- Polonio, R.E., R.E. Wolke, S.A. MacLean, J.F. Sperry. 2000. An in vitro assay to measure phagocytosis in striped bass hybrids (*Morone saxatilis* x *Morone chrysops*). *Fish and Shellfish Immunology* 10:405-418.
- Postel, R.T., M. La Douceur, D. Holbert, and M.L. Gallagher. 1996. Texture and flavor of hybrid striped bass fed soybean meal diets. *Journal of Aquatic Food Production and Technology* 5:83-91.
- Pullela, S., C.F. Fernandes, G.J. Flick, G.S. Libey, S.A. Smith, and C.W. Coale. 1998. Indicative and pathogenic microbiological quality of aquacultured finfish grown in different production systems. *Journal of Food Protection* 61:205-210.
- Raney, E.C. 1952. The life history of the striped bass, *Roccus saxatilis* (Walbaum). *Bulletin of the Bingham Oceanographic Collection, Yale University* 14:5-97.
- Rawles, S.D., and D.M. Gatlin III. 1998. Carbohydrate utilization in striped bass (*Morone saxatilis*) and sunshine bass (*Morone chrysops* ♀ x *M. saxatilis* ♂). *Aquaculture* 161:201-212.
- Rawles, S.D., and D.M. Gatlin, III. 2000. Nutrient digestibility of common feedstuffs in extruded diets for sunshine bass *Morone chrysops* ♀ x *M. saxatilis* ♂). *Journal of the World Aquaculture Society* 31:570-579.
- Rawles, S.D., and R. Lochmann. 2003. Effects of amylopectin/amylose starch ratio on growth, body composition, and glycemic response of sunshine bass *Morone*

- chrysops* female x *M. saxatilis* male. Journal of the World Aquaculture Society 34:278-288.
- Rebach, S. 1999. Acute toxicity of permethrin/piperonyl butoxide on hybrid striped bass. Bulletin of Environmental Contamination and Toxicology 62:448-454.
- Rees, R.A., and S.F. Cook. 1985. Effect of sunlight intensity on survival of striped bass x white bass fry. Proceedings of the Annual conference southeastern Association of Fish and Wildlife Agencies 36:83-94.
- Rees, R.A., and R.M. Harrell. 1990. Artificial spawning and fry production of striped bass and hybrids. Pages 43-72 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. Culture and propagation of striped bass and its hybrids. Striped Bass committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Regan, D.M., T.L. Wellborn, and R.G. Bowker. 1968. Striped bass, *Morone saxatilis* (Walbaum): development of essential requirements for production. U.S. Fish and Wildlife Service, Atlanta, GA.
- Reubush, K.J., and A.G. Heath. 1997. Effects of recovery water salinity on secondary stress responses of hybrid striped bass fingerlings. Progressive Fish Culturist 59:188-197.
- Reubush, K.J., and A.G. Heath. 1997. Secondary stress responses to acute handling in striped bass (*Morone saxatilis*) and hybrid striped bass (*Morone chrysops* x *Morone saxatilis*). American Journal of Veterinary Research 58:1451-1456.
- Rhodes, R.J., and B. Sheehan. 1991. Estimated annual production of commercial hybrid striped bass growers in the United States, 1990-1992. Striped Bass Growers Association Report, South Carolina Department of Agriculture, Columbia.

- Robinette, H.R. 1990. Production of phase I and phase II hybrid striped bass in Mississippi. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 44:45-52.
- Robinette, H.R., J.B. Taylor, D.M. Gatlin, III, and S. Craig. 1997. Effects of Dietary catfish and menhaden oils on hybrid striped bass production. Progressive Fish-Culturist 59:261-265.
- Rogers, B.A., D.T. Westin, and S.B. Saila. 1978. Development of techniques and methodology for the laboratory culture of striped bass, *Morone saxatilis* (Walbaum). U.S.. Environmental Protection Agency, Narragansett, RI.
- Rogers, W.A., and D. Xu. 1992. Protective immunity induced by a commercial vibrio vaccine in hybrid striped bass. Journal of Aquatic Animal Health 4:303-305.
- Rottmann, R.W. J.V. Shireman, C.C. Starling, and W.H. Revels. 1988. Eliminating adhesiveness of white bass eggs for the hatchery production of hybrid striped bass. The Progressive Fish-Culturist 50:55-57.
- Rudacille, J.B., and C.C. Kohler. 1996. Relative performance of white bass, sunshine bass, and palmetto bass fed a commercial diet. Aquaculture America 1996, Annual Meeting of the U.S. Chapter of the World Aquaculture Society 1996:130 Abstract.
- Rudacille, J.B., and C.C. Kohler. 2000. Aquaculture performance of sunshine bass, palmetto bass, and white bass. North American Journal of Aquaculture 62:114-124.

- Sahdev, S., J. Ebeling, F. Wheaton, and S. Singh. 1999. Water quality trials in four recirculating aquacultural system configurations. *Aquacultural Engineering* 20:75-84.
- Sarig, S. 1995. The fish culture industry in Israel in 1994. *Israeli Journal of Aquaculture* 47:84-91.
- Seaborn, G.T., M.L. Jahncke, and T.I.J. Smith. 2001. Differentiation between cultured hybrid striped bass and wild striped bass and hybrid bass using fatty acid profiles. *North American Journal of Fisheries Management* 20:618-626.
- Seafood Leader. 1995. Striped bass update. *Seafood Leader* 15:140.
- Sealey, W.M., and D.M. Gatlin III. 1999. Dietary vitamin C requirement of hybrid striped bass (*Morone chrysops* x *M. saxatilis*). *Journal of the World Aquaculture Society* 30:297-301.
- Sealey, W.M., S.R. Craig, and D.M. Gatlin, III. 2001. Dietary cholesterol and lecithin have limited effects on growth and body composition of hybrid striped bass (*Morone chrysops* x *M. saxatilis*). *Aquaculture Nutrition* 7:25-31.
- Sealey, W.M., and D.M. Gatlin III. 2002. Dietary supplementation of vitamin C and/or E before or after experimental infection with *Streptococcus iniae* has limited effects on survival of hybrid striped bass. *Journal of Aquatic Animal Health* 14:165-175.
- Seals, C, C. Kempton, J. Tomasso, and T. Smith. 1994. Environmental calcium does not affect production or selected blood characteristics of sunshine bass reared under normal culture conditions. *The Progressive Fish-Culturist* 56:269-272.

- Sealey, W.M., S.R. Craig, and D.M. Gatlin, III. 2001. Dietary cholesterol and lecithin have limited effects on growth and body composition of hybrid striped bass (*Morone chrysops* x *M. saxatilis*). *Aquaculture Nutrition* 7:25-31.
- Sealey, W.M., and D.M. Gatlin, III. 2002. In vitro manipulation of vitamin C and vitamin E concentrations alter intracellular O₂-production of hybrid striped bass (*Morone chrysops* x *Morone saxatilis*) head-kidney cells. *Fish and Shellfish Immunology* 12:131-140.
- Sealey, W.M., and D.M. Gatlin, III. 2002. Dietary vitamin C and vitamin E interact to influence growth and tissue composition of juvenile hybrid striped bass (*Morone chrysops* female x *M. saxatilis* male) but have limited effects on immune responses. *Journal of Nutrition* 132:748-755.
- Seo, C.W., C.H. Chiu, and R. Hodson. 1994. Dietary effect on ω -3 fatty acid contents in hybrid striped bass. *Journal of the American Oil Chemists' Society* 71:661-663.
- Shelby, R.A., J.J. Evans, and P.H. Klesius. 2002. Isolation, purification, and molecular weight determination of serum immunoglobulin from gulf menhaden: development of an enzyme-linked immunosorbent assay to assess serum immunoglobulin concentrations from Atlantic menhaden. *Journal of Aquatic Animal Health* 14:254-262.
- Shelby, R.A., C. A. Shoemaker, and P.H. Klesius. 2003. Development of an immunoassay to measure the humoral immune response of hybrid striped bass (*Morone chrysops* x *M. saxatilis*). *Veterinary Immunology and Immunopathology* 91:217-225.

- Shelby, R.A., C.A. Shoemaker, and P.H. Klesius. 2004. Development of an ELISA to measure the humoral immune response of hybrid striped bass *Morone chrysops* x *M. saxatilis* to *Streptococcus iniae*. *Aquaculture Research* 35:997-1001.
- Shike, H., X. Lauth, M.E. Westerman, V.E. Ostland, J.M. Carlberg, J.C. van Olst, C. Shimizu, P. Bulet, and J.C. Burns. 2002. Bass hepcidin is a novel antimicrobial peptide induced by bacterial challenge. *European Journal of Biochemistry* 269:2232-2237.
- Shoemaker, C. A., P.H. Klesius, and J.J. Evans. 2001. Prevalence of *Streptococcus iniae* in tilapia, hybrid striped bass, and channel catfish on commercial fish farms in the United States. *American Journal of Veterinary Research* 62:174-177.
- Silphaduang, U., and E.J. Noga. 2001. Peptide antibiotics in mast cells of fish. *Nature* 414:268-269.
- Singh, S., E. James, F. Wheaton. 1999. Water quality trials in four recirculating aquacultural system configurations. *Aquacultural Engineering* 20:75-84.
- Smith, J.M., and D.K. Whitehurst. 1990. Tank spawning methodology for the production of striped bass. Pages 73-77 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. *Culture and propagation of striped bass and its hybrids*. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Smith, S.A. 1994. Maintenance of hybrid striped bass/striped bass in the laboratory. *Fish Immunology Technical Communications* 3:A11
- Smith, S.A., M.G. Levy, and E.J. Noga. 1994. Detection of anti-*Amyloodinium ocellatum* antibody from cultured hybrid striped bass (*Morone saxatilis* x *M. chrysops*)

- during and epizootic of amyloodiniosis. *Journal of Aquatic Animal Health* 6:79-81.
- Smith, T.I.J. 1987. Hatchery. Pages 17-22 in R. Hodson, T. Smith, J. McVey, R. Harrel (sic), and N. Davis, editors. Hybrid striped bass culture: status and perspective. University of North Carolina Sea Grant Publication, UNC-5-87-03. North Carolina State University, Raleigh.
- Smith, T.I.J. 1988. Aquaculture of striped bass and its hybrids in North America. *Aquaculture Magazine* 14:4-49.
- Smith, T.I.J. 1989. The culture potential of striped bass and its hybrids. *World Aquaculture* 20:32-38.
- Smith, T.I.J. 1990. Aquaculture of striped bass, *Morone saxatilis*, and its hybrids in North America. Pages 53-61 in R.S. Svrjcek, editor. Genetics in aquaculture: proceedings of the sixteenth U.S.-Japan meeting on aquaculture. NOAA Technical Report NMFS 92, Washington, D.C.
- Smith, T.I.J., and W.E. Jenkins. 1984. Controlled spawning of F₁ hybrid striped bass (*Morone saxatilis* x *Morone chrysops*) and rearing of F₂ progeny. *Journal of the World Mariculture Society* 15:147-161.
- Smith, T.I.J., W.E. Jenkins, and J.F. Snevel. 1985. Production characteristics of striped bass (*Morone saxatilis*) and F₁, F₂, hybrids (*M. saxatilis* and *M. chrysops*) reared in intensive tank systems. *Journal of the World Mariculture Society* 16:57-70.
- Smith, T.I.J., and W.E. Jenkins. 1987. Status of aquaculture of striped bass (*Morone saxatilis*) and its white bass (*M. chrysops*) hybrids, and current research in South

- Carolina. Pages 553-582 in Proceedings of the second international conference on warm water aquaculture fin fish. Brigham Young University, Laie, Hawaii.
- Smith, T.I.J., and W.E. Jenkins. 1987. Aquaculture research with striped bass (*Morone saxatilis*) and its hybrids in South Carolina. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 39:217-227.
- Smith, T.I.J., and W.E. Jenkins. 1987. Broodstock development and spawning of striped bass, *Morone saxatilis*, and white bass, *M. chrysops*. Journal of the World Aquaculture Society 19:65A Abstract.
- Smith, T.I.J., and W.E. Jenkins. 1988. Culture and controlled spawning of striped bass (*Morone saxatilis*) to produce striped bass and white bass (*M. chrysops*) hybrids. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 40:152-162.
- Smith, T.I.J., W.E. Jenkins, and R.W. Haggerty. 1988. Growth and survival of juvenile striped bass (*Morone saxatilis*) x white bass (*M. chrysops*) hybrids reared at different temperatures. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 40:143-151.
- Smith, T.I.J., W.E. Jenkins, A.D. Stokes, and R.A. Smiley. 1989. Semi-intensive pond production of market-size striped bass (*Morone saxatilis*) x white bass (*M. chrysops*) hybrids. World Aquaculture 20(1):81-83.
- Smith, T.I.J., W.E. Jenkins, and R.V. Minton. 1990. Production of advanced fingerling and subadult striped bass and striped bass hybrids in earthen ponds. Pages 121-139 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. Culture and

- propagation of striped bass and its hybrids. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Smith, T.I.J., W.E. Jenkins, and L.D. Heyward. 1996. Production and extended spawning of white bass broodstock. *Progressive Fish-Culturist* 58:85-91.
- Stevens, R.E. 1966. Hormone-induced spawning of striped bass for reservoir stocking. *The Progressive Fish-Culturist* 28:19-28.
- Stevens, R.E. 1967. A final report on the use of hormones to ovulate striped bass, *Roccus saxatilis* (Walbaum). Proceedings of the Annual Conference Southeastern Association of Game and Fish Commissioners 18:525-538.
- Stevens, R.E. 1984. Historical overview of striped bass culture and management. Pages 1-15 in J.P. McCraren, editor. The aquaculture of striped bass: a proceedings. Maryland Sea Grant Publication UM-SG-MAP-84-01. University of Maryland, College Park.
- Stevens, R.E., O.D. May, Jr., and H.J. Logan. 1965. An interim report on the use of hormones to ovulate striped bass (*Roccus saxatilis*). Proceedings of the Annual Conference Southeastern Association of Game and Fish Commissioners 17:226-237.
- Stoffregen, D.A., S.C. Backman, R.E. Perham, R.P. Bowser, and J.G. Babish. 1996. Initial disease report of *Streptococcus iniae* infection in hybrid striped (sunshine) bass and successful therapeutic intervention with the fluoroquinolone antibacterial enrofloxacin. *Journal of the World Aquaculture Society* 27:420-434.

- Storey, K.W., J.W. Warren, and L.T. Fries. 2000. Field identification accuracy for white bass and hybrid striped bass. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 54:97-106.
- Strauss, D.L. 2004. Comparison of the acute toxicity of potassium permanganate to hybrid striped bass in well water and diluted well water. Journal of the World Aquaculture Society 35:55-60.
- Sullivan, J.A., and R.C. Reigh. 1995. Apparent digestibility of selected feedstuffs in diets for hybrid striped bass (*Morone saxatilis* ♀ x *M. chrysops* ♂). Aquaculture 138:313-322.
- Sullivan, C.V., D.L. Berlinsky, and R.G. Hodson. 1997. Reproduction. Pages 11-73 in R.M. Harrell, editor. Striped bass and other *Morone* culture. Elsevier, Amsterdam.
- Suresh, A.V., J.B. Rudacille, M.L. Allyn, V. Sheehan, R.J. Sheehan, and C.C. Kohler. 2000. Single injections of hCG or mGnRH α at low dosages induce ovulation in white bass. North American Journal of Aquaculture 62:87-94.
- Swartz, D. 1984. Marketing striped bass. Pages 233-254 in J.P. McCraren, editor. The aquaculture of striped bass. University of Maryland Sea Grant College UM-SG-MAP-84-01, College Park.
- Tate, A.E. and L.A. Helfrich. 1998. Off-season spawning of sunshine bass (*Morone chrysops* x *M. saxatilis*) exposed to 6- or 9-month phase-shifted photothermal cycles. Aquaculture 167:67-83.
- Tave, D., and R.O. Anderson. 1993. Strategies and tactics for management of fertilized hatchery ponds. Journal of Applied Aquaculture 2:1-256.

- Thiyagarajah, A., J.R. MacMillan, and A.D. Munson. 2001. Neoplasms in cultured sunshine bass. *Journal of Fish Diseases* 24:551-556.
- Thompson, K.R., C.D. Webster, A.M. Morgan, E.J. Grisby. 2000. Effects of different feeding frequencies on growth, body composition, and fillet composition of juvenile sunshine bass, *Morone chrysops* x *M. saxatilis*, grown indoors. *Journal of Applied Aquaculture* 10(2):55-65.
- Thune, R.L., D.H. Hernandez, J.P. Hawke, and R. Miller. 2003. Construction of a safe, stable, efficacious vaccine against *Photobacterium damsela* ssp. *Piscicida*. *Diseases of Aquatic Organisms* 57:51-58.
- Tocidowski, M.E., and M.K. Stoskopf. 1997. Comparison of sodium polyanetholesulfonate with EDTA and heparin anticoagulants by assessing packed cell volume and blood smear quality of blood from hybrid white bass x striped bass. *Journal of Aquatic Animal Health* 9:151-155.
- Todorov, J.R., A.A. Elskus, D. Schlenk, P.L. Ferguson, B.J. Brownawell, and A.E. McElroy. 2002. Estrogenic responses of larval sunshine bass (*Morone saxatilis* x *M. chrysops*) exposed to New York City sewage effluent. *Marine Environmental Research* 54:691-695.
- Tomasso, J.R., K.B. Davis, and N.C. Parker. 1980. Plasma corticosteroid and electrolyte dynamics of hybrid striped bass (white bass x striped bass) during netting and hauling. *Proceedings of the World Mariculture Society* 11:303-310.
- Tomasso, J.R., C.J. Kempton, A. Gallman, and T.I.J. Smith. 1999. Comparative production characteristics of sunshine bass and sunshine bass x striped bass in recirculating-water systems. *North American Journal of Aquaculture* 61: 79-81.

- Tucker, Jr., J.W., R.M. Baptiste, F.A. Prahl, and M.S. Clark. 1993. Growth of sunshine bass on dry feeds. *Progressive Fish Culturist* 55:199-203.
- Tuncer, H., R.M. Harrell, and E.D. Houde. 1990. Acceptance and consumption of food by striped bass and hybrid larvae. *Journal of the World Aquaculture Society* 21:225-234.
- Tuncer, H., R.M. Harrell, and E.D. Houde. 1990. Comparative energetics of striped bass (*Morone saxatilis*) and hybrid (*M. saxatilis* x *M. chrysops*) juveniles. *Aquaculture* 86:387-400.
- Tuncer, H., and R.M. Harrell. 1992. Essential fatty acid nutrition of larval striped bass (*Morone saxatilis*) and palmetto bass (*M. saxatilis* x *M. chrysops*). *Aquaculture* 110:105-121.
- Tuncer, H., R.M. Harrell, and T.-J. Chai. 1993. Beneficial effects of n-3 HUFA enriched *Artemia* as food for larval palmetto bass (*Morone saxatilis* x *M. chrysops*). *Aquaculture* 110:341-359.
- Twibell, R.G., and P.B. Brown. 2000. Effects of dietary carnitine on growth rates and body composition of hybrid striped bass (*Morone saxatilis* male x *M. chrysops* female). *Aquaculture* 187:153-161.
- Twibell, R.G., B.A. Watkins, L. Rogers, and P.B. Brown. 2000. Effects of dietary conjugated linoleic acids on hepatic and muscle lipids in hybrid striped bass. *Lipids* 35:155-161.
- Twibell, R.G., M.E. Griffin, B. Martin, J. Price, and P.B. Brown. 2003. Predicting dietary essential amino acid requirements for hybrid striped bass. *Aquaculture Nutrition* 9:373-381.

- UNC Sea Grant College Publication. 1987. Hybrid striped bass culture: status and perspective. North Carolina State University, Raleigh, North Carolina.
- Valderrama, D, S.E. Lochmann, and M. Jackson. 2000. Predation of cyclopoid copepods on sunshine bass fry. *North American Journal of Aquaculture* 62:144-148.
- van Olst, J.C., and J.M. Carlberg. 1990. Commercial culture of hybrid striped bass: status and potential. *Aquaculture Magazine* 16:49-59.
- Volkman, E. T., C. C. Kohler, and S. T. Kohler. 2004. Assessment of floating vertical raceways for the culture of phase-II hybrid striped bass. *North American Journal of Aquaculture* 66:125-132.
- Walker, H.D., G.I. Coates, and S. Wilhelm. 2000. Impacts of increased tempering lengths on twenty-four hour survival of hybrid striped bass fry. *North American Journal of Aquaculture* 62:316-318.
- Wang, C., E.J. Noga, R. Avtalion, M.G. Levy. 1997. Whole blood assay for examining lymphocyte blastogenesis of percichthyid bass (*Morone*) mrr01. *Veterinary Immunology and Immunopathology* 58:355-362.
- Wang, C., W.V. King, and L.C. Woods, III. 2004. Physiological indicators of divergent stress responsiveness in male striped bass broodstock. *Aquaculture* 232:665-678.
- Wang, J., S. Grisle, D. Schlenk. 2001. Effects of salinity on aldicarb toxicity in juvenile rainbow trout (*Oncorhynchus mykiss*) and striped bass (*Morone saxatilis* x *chrysops*). *Toxicological Sciences* 64:200-207.
- Warren, H.J., R.M. Harrell, J.G. Geiger, and R.A. Rees. 1990. Design of rearing facilities for striped bass and hybrid striped bass. Pages 17-27 in R.M. Harrell, J.H. Kerby and R.V. Minton, editors. *Culture and propagation of striped bass and its hybrids*.

Striped Bass Committee, Southern Division, American Fisheries Society,
Bethesda, Maryland.

- Wattendorf, R.J., and P.L. Shaffland. 1982. Observations on salinity tolerance of striped bass x white bass hybrids in aquaria. *The Progressive Fish-Culturist* 44: 148-149.
- Webster, C.D. 2003. Hybrid striped bass. Pages 327-343. *in* C.D. Webster and C. Lim, editors. *Nutrient requirements and feeding of finfish for aquaculture*. CABI Publishing, Wallingford, UK.
- Webster, C.D., R.T. Lovell, and J.A. Clawson. 1994. 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* 4:75-90.
- Webster, C.D., L.G. Tiu, J.H. Tidwell, P. Van Wyk, and R.D. Howerton. 1995. Effects of dietary protein and lipid levels on growth and body composition of sunshine bass (*Morone chrysops* x *M. saxatilis*) reared in cages. *Aquaculture* 131:291-301.
- Webster, C.D., L.G. Tiu, and J.H. Tidwell. 1997. Effects of replacing fish meal in diets on growth and body composition of palmetto bass (*Morone saxatilis* x *M. chrysops*) raised in cages. *Journal of Applied Aquaculture* 7:53-67.
- Webster, C.D., L.G. Tiu, and A.M. Morgan. 1999. Effect of partial and total replacement of fish meal on growth and body composition of sunshine bass, *Morone chrysops* x *M. saxatilis* fed practical diets. *Journal of the World Aquaculture Society* 30:443-453.
- Webster, C.D., K.R. Thompson, A.M. Morgan, E.J. Grisby, and A.L. Gannam. 2000. Use of hempseed meal, poultry by-product meal, and canola meal in practical diets

- without fish meal for sunshine bass (*Morone chrysops* x *M. saxatilis*).
Aquaculture 188:299-309
- Webster, C.D., K.R. Thompson, A.M. Morgan, E.J. Grisby, and S. Dasgupta. 2001.
Feeding frequency affects growth, not fillet composition of juvenile sunshine
bass, *Morone chrysops* x *M. saxatilis* grown in cages. Journal of the World
Aquaculture Society 32:79-88.
- Weirich, C.R., J.R. Tomasso, and T.I.J. Smith. 1992. Confinement and transport-induced
stress in white bass (*Morone chrysops*) x striped bass (*M. saxatilis*) hybrids: effect
of calcium and salinity. Journal of the World Aquaculture Society 23:49-57.
- Weirich, C.R., J.R. Tomasso, and T.I.J. Smith. 1993. Toxicity of ammonia and nitrite to
sunshine bass in selected environments. Journal of Aquatic Animal Health 5:64-
72.
- Wesley, N.J., J.A. Rice, R.L. Noble. 1999. Evaluation of two sizes of hybrid striped bass
for introduction into small ponds. North American Journal of Aquaculture 61:74-
78.
- Williams, H.M. 1971. Preliminary studies of certain aspects of the life history of the
hybrid (striped bass x white bass) in two South Carolina reservoirs. Proceedings
of the Annual Conference Southeastern Association of Game and Fish
Commissioners 24:424-431.
- Williams, H.M. 1976. Characteristics for distinguishing white bass, striped bass, and their
hybrid (striped bass x white bass). Proceedings of Annual conference of the
Southeastern Fish and Wildlife Agencies 29:168-172.

- Williams, J.E., P.A. Sandifer, and J.M Lindberg. 1981. Net-pen culture of striped bass x white bass hybrids in estuarine waters of South Carolina: a pilot study. *Journal of the World Mariculture Society* 12 (2):98-110.
- Wirth, F., C. Halbrendt, and G. Vaughn. 1990. Conjoint analysis of the mid-Atlantic food fish market for farm-raised hybrid striped bass. Agriculture Experiment Station Bulletin no. 488, Department of Food and Resource Economics, University of Delaware, Newark.
- Woiwode, J.G. 1989. The effects of temperature, photoperiod and ration size on the growth and thermal resistance of the hybrid striped x white bass. Ph.D. Dissertation, University of Minnesota, Saint Paul.
- Woiwode, J.G. and I.R. Adelman. 1984. Growth, food conversion efficiency, and survival of the hybrid white x striped bass as a function of temperature. Pages 143-150 *in* the Aquaculture of striped bass: a proceedings, J.P. McCraren, editor. University of Maryland Sea Grant Publication, UM-SG-MAP-84-01, College Park.
- Woiwode, J.G. and I.R. Adelman. 1991. Effects of temperature, photoperiod, and ration size on growth of hybrid striped bass x white bass. *Transactions of the American Fisheries Society* 120:217-229.
- Wolters, W.R., and R. DeMay. 1996. Production characteristics of striped bass x white bass and striped bass x yellow bass hybrids. *Journal of the World Aquaculture Society* 27:202-207.

- Wonnacott, E.J., R.L. Lane, and C.C. Kohler. 2004. Influence of dietary replacement of menhaden oil with canola oil on fatty acid composition of sunshine bass. *North American Journal of Aquaculture* 66:243-250.
- Woods, III, L.C., J.C. Lockwood, J.H. Kerby, and M.T. Huish. 1985. Feeding ecology of hybrid striped bass (*Morone saxatilis* x *M. chrysops*) in culture ponds. *Journal of the World Mariculture Society* 16:71-81.
- Woods, III, L.C., J.G. Woiwode, M.A. McCarthy, D.D. Theisen, and R.O. Bennett. 1990. Noninduced spawning of captive striped bass in tanks. *The Progressive Fish-Culturist* 52:201-202.
- Woods, III, L.C., and C.V. Sullivan. 1993. Reproduction of striped bass (*Morone saxatilis*) broodstock: monitoring maturation and hormonal induction of spawning. *Aquaculture and Fisheries Management* 24:213-224.
- Woods, III, L.C., C.C. Kohler, R.J. Sheehan, and C.V. Sullivan. 1995. Volitional tank spawning of female striped bass with male white bass produces hybrid offspring. *Transactions of the American Fisheries Society* 124:628-632.
- Worth, S.G. 1884. Report on the propagation of striped bass at Weldon, N.C., in the spring of 1884. *Bulletin of the United States Fish Commission* 4:225-230.
- Xiong, Y.L., E.A. Decker, S.P. Blanchard, A.D. Crum, N.C. Shantha, C.D. Webster, L.G. Tiu, and J.H. Tidwell. 1996. Dietary protein level has minimal effect on flesh quality of frozen stored sunshine bass, *Morone chrysops* x *M. saxatilis*. *Journal of Applied Aquaculture* 6:47-63.
- Xu, D., and W.A. Rogers. 1993. Oxytetracycline residue in hybrid striped bass muscle. *Journal of the World Aquaculture Society* 24:466-472.

- Yeager, D.M. 1987. Survival of phase 1 and phase 2 hybrid striped bass in the Escambia River, Florida. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 41:41-47.
- Yeager, D.M., J.E. Van Tassel, and C.M. Wooley. 1990. Collection, transportation, and handling of striped bass broodstock. Pages 29-42 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. Culture and propagation of striped bass and its hybrids. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Yellayi, R.R., and R.V. Kilambi. 1970. Observations on early development of white bass, *Roccus chrysops* (Rafinesque). Proceedings Annual conference of the Southeastern Association of Game and Fish Commissioners 23:261-265.
- Zeigler, T.R., L.C. Woods, and J. Gabaudan. 1984. Striped bass feeds and feeding. Pages 151-176 in R.M. Harrell, J.H. Kerby, and R.V. Minton, editors. Culture and propagation of striped bass and its hybrids. Striped Bass Committee, Southern Division, American Fisheries Society, Bethesda, Maryland.
- Zhang, Q., R.C. Reigh, and W.R. Wolters. 1994. Growth and body composition of pond-raised hybrid striped bass, *Morone saxatilis* x *M. chrysops* and *M. saxatilis* x *M. mississippiensis*, fed low and moderate levels of dietary lipid. Aquaculture 125:119-129.