

VIII. LITERATURA CITADA.

- Acosta-Nassar, M.V., J.M. Morell y J.E. Corredor. 1994. The nitrogen budget of a tropical semi-intensive freshwater fish culture pond. *J. World Aquacult. Soc*, 25: 261–270.
- Anon. 1993. Shrimp farms ravage the environment and people in Bangladesh. *World Shrimp Farming* 18:(5), 8-9.
- Association of Official Analytical Chemists. 1984. Official methods of analysis. Association of Analytical Chemists, Arlington, VA, USA.
- Bray, W.A., A.L. Lawrence y J.R. Leung-Trujillo. 1994. The effect of salinity on growth and survival of *Penaeus vannamei*, With observations on the interaction of IHHN virus and salinity. *Aquaculture*, 122: 133-146.
- Burford a,*, M.A., P.J. Thompson a., R.P. McIntosh b., R.H Bauman b y D.C. Pearson c. 2003. Nutrient and microbial dynamics in high-intensity, zero-exchange shrimp ponds in Belize. *Aquaculture*, 219: 393-411.
- Burford a,b,*, M.A., N.P. Preston a,b., P.M. Glibert b,c y W.C. Dannison b,d. 2002. Tracing the fate of ¹⁵N-enriched feed in an intensive shrimp system. *Aquaculture*, 206: 199-216.
- Castell, J.D. 1979. Review of lipid requirements of finfish. En: J. Halver y E. Tiews (eds), *Proceeding of the world Symposium of Finfish Nutrition and Fishfeed Technology*, Hamburg, Germany, VI. Heenemann, Berlin. p: 59-84.
- Clinch, J.R., P.J. Worsfold y F.W. Sweeting. 1988. An automated spectrophotometric field monitor for water quality parameters: determinaton of amonnia. *Analytical Cheem. Act*, 214: 401-407.
- Cruz, P.S. 1991. *Shrimp Feeding Management: Principles and Practices*, 1st ed. Kabukiran Enterprises Inc. Davao City, Philippines.
- Cruz-Suárez, L.E., J.S. Antimo-Pérez., N. Luna-Mendoza., M. Tapia-Salazar., C. Guajardo-Barboza y D. Ricque-Marie. 2000. Relaciones proteína/energía y proteína vegetal/animal optimas en alimentos de engorda para *Litopenaeus vannamei* y *L. stylirostris*. En: L.E. Cruz-Suárez, D. Ricque-Marie, M. Tapia-Salazar, M.A. Olvera-Novoa y R. Civera-Cerecedo (eds.), *Avances en nutrición Acuícola V. Memorias del V simposium Internacional de Nutrición Acuícola*. Mérida, Yucatán. México. 19-22 de Noviembre de 2000. p: 141-160.
- Chamberlain, G. 2003. World shrimp farming, progress and trends. En: B. Rosenberry,. (ed.), *World Shrimp Farming 2003*. p: 5.

- Cho, C.Y., J.D. Hynes., K.R. Wood y H.K. Yoshida. 1994. Development of high-nutrient-dense, low-pollution diets and prediction of aquaculture wastes using biological approaches. *Aquaculture*, 124: 293-305.
- Daniels, H.V y C.E. Boyd. 1988. Pond bottom degradation. *Coastal Aquaculture*, 5: 2-5.
- Daniels, H.V y C.E. Boyd. 1989. Chemical budgets for polyethylene-lined, brackish water ponds. *Journal of the World Aquaculture Society*, 20: 53-60.
- Davis, D.A., I.P. Saoud., W.J. McGraw y D.B. Rouse. 2002. Considerations for *Litopenaeus vannamei* reared in low salinity water. En: L.E. Cruz-Suárez, D. Riecque-Marine, M. Tapia-Salazar, M.G. Gaxiola-Cortés y N Simoes (eds.), *Avances en Nutrición Acuícola VI. Memorias del VI Simposium Internacional de Nutrición Acuícola*. Cancún, Quintana Roo. México del 3 al 6 de Septiembre del 2002. p: 74-90.
- De la Lanza-Espino, G y S. Hernández-Pulido. 1998. p: 27. Nutrientes y productividad primaria en sistemas acuícolas. En: L.R Martínez Córdova (ed), *Ecología de los sistemas acuícolas*. México, D. F. p: 27.
- Decamp, O., J. Cody., L. Conquest., G. Delanoy y A.G. Tacon. 2003. Effect of salinity on natural community and production of *Litopenaeus vannamei* (Boone 1931), within experimental zero-water exchange culture systems. *Aquaculture Research*, 34: 345-355.
- Gómez-Jiménez, S., R.F. Uglow y J. Hernández-López. 1999. The effects of hipo and hyperosmotic media on ammonia efflux rates and haemolymph constituent levels in the spiny lobster *Panulirus interruptus*. p: 889-902. En: F.R. Schram y J.C. Von Vaupel Klein (eds), *Crustacean and the Biodiversity crisis*. Leiden Brill Academic Publishers. p: 889-902.
- Gómez-Jiménez, S., A.A. Urías-Reyes., F. Vázquez-Ortiz y G. Hernández-Watanabe. 2004. Ammonia efflux rates and free amino acid levels in *Litopenaeus vannamei* postlarvae during sudden salinity changes. *Aquaculture*, en prensa.
- Hunter, D.A y R.F. Uglow. 1993. Technique for the measurement of total ammonia in small volumes of sea water and hemolymph. *Ophelia*, 37 (1): 31-40.
- Jackson, C., N. Preston., P.J. Thompson y M. Burford. 2003. Nitrogen Budget and effluent nitrogen components at an intensive shrimp farm. *Aquaculture*, 218: 397-411.
- Jirsa, D.O., D.A. Davis y C.R. Arnold. 1997. Effects of dietary nutrient density on water quality and growth of red drum (*S. ocellatus*) in closed systems. *World Aquaculture Society*, 28: 68-78.
- Kormanik, G.A y J.N. Cameron. 1981. Ammonia excretion in animals that breath water: A review. *Marine Biology Letters*, 2:11-23.

- Kureshy, N y D.A. Davis. 2000. Metabolic requirement for protein by pacific white shrimp, *Litopenaeus vannamei*. En: L.E. Cruz-Suárez, D. Ricque-Marie, M. Tapia-Salazar, M.A. Olvera-Novoa y R. Civera-Cerecedo (eds.), Avances en nutrición Acuícola V. Memorias del V simposium Internacional de Nutrición Acuícola. Mérida, Yucatán. México. 19-22 de Noviembre del 2000. p: 161-180.
- Kureshy, N y D.A. Davis. 2002. Protein requirement for maintenance and maximum weight gain for the Pacific white shrimp, *Litopenaeus vannamei*. Aquaculture, 204: 125-143.
- Lignot, J.H., J.C. Cochard., C. Soyeux., P. Lamarire y G. Charmantier. 1999. Osmoregulatory capacity according to nutritional status, molt stage and body weight in *Penaeus stylirostris*. Aquaculture, 170: 79-92.
- Lin, H.P., P. Thuët., J.P. Trilles., R. Mounet-Guillaume y G. Charmantier. 1993. Effects of ammonia on survival and osmoregulation of various development stages of the shrimp *Penaeus japonicus*. Marine Biology, 117: 591-598.
- Lin, Y.C y J.C. Chen. 2003. Acute toxicity of nitrite on *Litopenaeus vannamei* (Boone) juveniles at different salinity levels. Aquaculture, 224: 193-201.
- Lockwood, A.P.M., C.B.E. Inman y T.H. Courtenay. 1973. The influence of environmental salinity on the water fluxes of the amphipod crustacean *Gammarus duebeni*. Journal of Experimental Biology, 58: 137-148.
- Martínez-Córdova, L.R. 2002. Camaronicultura. Avances y Tendencias. D.F. México. 167 p.
- Martínez-Córdova, L.R., M.A. Porchas-Cornejo., H. Villareal-Colmenares., J.A. Calderón-Pérez y J. Naranjo-Parano. 1998. Evaluation of three feeding strategies on the culture of white shrimp *Penaeus vannamei* Boone 1931 in low water exchange ponds. Aquaculture Research, 17: 21-28.
- McGraw, W.J., D.A. Davis., D. Teichert-Coddington y D.B. Rouse. 2002. Acclimation of *Litopenaeus vannamei* post larvae to low salinity: influence of age, salinity endpoint, and rate of salinity reduction. Journal of the World Aquaculture Society, 33 (1):78-84.
- McIntosh, D y K. Fitzsimmons. 2003. Characterization of effluent from an inland, low-salinity shrimp: what contribution could this water make if used for irrigation. Aquacultural Engineering, 27: 147-156.
- McIntosh, D., T.M. Samocha., E.R. Jones., A.L. Lawrence., S. Horowitz y A. Horowitz. 2001. Effects of two commercially available low-protein diets (21% and 31%) on water and sediment quality, and on the production of *Litopenaeus vannamei* in an outdoor tank system with limited water discharge. Aquaculture Engineering, 25: 69-82.

- Needham, A.E. 1957. Factors affecting nitrogen excretion in *Carcinus maenas*. *Oceanología*, 4: 209-239.
- Páez-Osuna, F. 2001. Camaronicultura y medio ambiente. Instituto de ciencias del Mar y Limnología. D.F. México. p:451
- Racotta, I.S y R. Hernández-Herrera. 2000. Metabolic responses of the white shrimp, *Penaeus vannamei*, to ambient ammonia. *Comparative Biochemistry and Physiology*, 125: 437-443.
- Regnault, M. 1984. Salinity induced changes in ammonia excretion rate of shrimp *Crangon crangon* over a winter tidal cycle. *Marine Ecology Progress Series*, 20: 119-125.
- Regnault, M. 1987. Nitrogen excretion in marine and fresh water Crustacea. *Biological Review*, 62: 1-24.
- Rosenberry, B. 2000. World Shrimp Farming. Number 12. Shrimp News International. San Diego, CA.
- Samocha, T.M., A.D. Davis., A.L. Lawrence., C.R. Collins y P. Van Wyk. 2001. Intensive and super-intensive production of the Pacific white *Litopenaeus vannamei* in greenhouse-enclosed raceway systems. Book of Abstracts, Aquaculture 2001. Lake Buena Vista, Florida. p:573.
- Saoud, I.P., D.A. Davis y D.B. Rouse. 2003. Suitability studies of inland well waters for *Litopenaeus vannamei* culture. *Aquaculture*, 217: 373-383.
- Schuur, A.M. 2003. Evaluation of biosecurity applications for intensive shrimp farming. *Aquacultural Engineering*, 28: 3-19.
- Smith, L.L y A.L. Lawrence. 1990. Feasibility of penaeid shrimp culture in inland saline groundwater-fed ponds. *The Texas Journal of Science*, 42: 3-12.
- Solarzano, L. 1969. Determination of ammonia in natural waters by the phenolhypochlorite method. *Limnology and Oceanography*, 14: 799-801.
- Solarzano, L y Sharp. 1980. Determination of total dissolved organic nitrogen. *Limnology and Oceanography*, 25: 751-754.
- Spaargaren, D.H y P.A.Jr. Haefner. 1987. The effect of environmental osmotic conditions on blood and tissue glucose levels in the brown shrimp, *Crangon crangon* (L.). *Comparative Biochemistry and Physiology*, 87A: 1045-1050.

- Spaargaren, D.H., P. Richard y H.J. Ceccaldi. 1982. Excretion of nitrogenous products by bates in relation to environmental osmotic conditions. *Comparative Biochemistry and Physiology*, 72(A): 673-678.
- Spotte, S. 1979. *Fish and invertebrate culture: water management in closed systems*. 2nd ed. Wiley, New York, USA. pp: 179
- Spotte, S. 1979. *Seawater aquariums: the captive environment*. Wiley, New York, pp: 413.
- Strickland, J.D.H y T.R. Parsons. 1972. *A practical handbook of seawater Analysis*. Bulletin 167, 2nd Edition. Fisheries Research Board of Canada, Ottawa. 310p.
- Tacon, A.G.J., J.J. Cody., L.D. Conquest., S. Divakaran., L.P. Forster y O.E. Decamp. 2002. Effect of culture system on the nutrition and growth performance of Pacific white shrimp *Litopenaeus vannamei* (Boone) fed different diets. *Aquaculture Nutrition*, 8: 121-137.
- Thakur, D.P y Lin, C.K. 2003. Water quality and nutrient budget in closed shrimp (*Penaeus monodon*) culture systems. *Aquacultural Engineering*, 27: 159-176.
- Thoman, E.S., E.D. Ingall., D.A. Davis y C.R. Arnold. 2001. A nitrogen budget for a closed, recirculating mariculture system. *Aquacultural Engineering*, 24: 195-211.
- Trujillo-Villalva, D.A. 2004. Efecto de Diferentes Niveles de Proteína en la Dieta Sobre Crecimiento, Supervivencia y Tasa de Excreción de Amonia en *Litopenaeus vannamei* en un Sistema con Cero Intercambio de agua. Tesis de Licenciatura. Universidad de Sonora. División de Ciencias Biológicas y de la Salud. Departamento de Ciencias Químico-Biológicas. Hermosillo Sonora, México. 83 p.
- Usha-Rani, G., T. Chandra Redi y K. Ravindranath. 1993. Economics of brackish water prawn farming in Nellore District of Andhara Pradesh State, India. *Aquaculture Tropics*, 8: (2) 221-230.
- Velasco, M., A.L. Lawrence., F.L. Castille y L.G. Obaldo. 2000. Dietary protein requirement for *Litopenaeus vannamei*. En: L.E. Cruz-Suárez, D. Ricque-Marie, M. Tapia-Salazar, M. Olvera-Novoa y R. Civera-Cerecedo (eds.), *Avances en Nutrición Acuicola V. Memorias del V Simposium Internacional de Nutrición Acuicola*. Mérida, Yucatán. México. 19-22 de Noviembre del 2000. p: 181-192
- Willson, S.W y K.S. Johnson. 1986. A rapid, highly sensitive technique for the determination of ammonia in sea water. *Marine Biology*, 91: 285-290.
- Wurts, W.A. 2003. Daily pH cycle and ammonia toxicity. *World Aquaculture*, 34: 20-21.

Zendejas-Hernández, J. 1994. La camaronicultura en México. En: J. Zendejas-Hernández (ed.), Proceedings of the International Seminar on shrimp Mariculture. Mazatlan, Sinaloa. Mexico, p: 23-27.