

Thesis List

MSc Aquaculture 2006

Andreini, E. M. Modelling of growth and waste input of large yellow croaker (*Larimichthys crocea*) and Japanese sea bass (*Lateolabrax japonicus*) from fish farms in China

Bue, C – E. Evaluation of welfare and organoleptic criteria of Nile tilapia (*Oreochromis niloticus*) grown in Activated Suspension Technology systems

Cowan, M. The effect of spectral composition and light intensity on melatonin, stress and retinal damage in post-smolt Atlantic salmon, *Salmo salar*

Diem, T.N. Prevalence of zoonotic liver and intestinal metacercariae (Digenea) in cultured and wild fish collected in An Giang province, Vietnam

Fuentes, B.J. Oxygen utilisation and respiration in *Chirostoma estor estor*, Jordan 1879: Weight-specific metabolic rate, effect of salinity, and daily cycle

Hammond, J. Measurement of growth rate and nutrient waste output from yellow croaker (*Larimichthys crocea*) and Japanese sea bass (*Lateolabrax japonicus*) cage culture systems in Huangdung Bay, China

Nassif, N.A. Organic and Aquaculture: Status and trends

Needham, M.P. The influence of ploidy on salt water adaptation, acute stress response and immune function following sea water transfer in rainbow trout

Nikolaou, C. L. A GIS-based model for the dispersal of larval stages of the salmon louse *Lepeophtheirus salmonis* (Krøyer, 1837)

Nithyanandam, K.R.K. Production of recombinant polypeptide fragments of Atlantic salmon (*Salmo salar*) peroxisome proliferator-activated receptors

Rhody, N. Growth, yolk utilisation, and ontogeny of the digestive system during early larval development in the marine ornamental flame angelfish (*Centropyge lorichulus*): A morphological and histological study

Sagxaridou, K. Identification and confirmation of a bacterial disease, causing natural outbreaks in farmed tilapia *Oreochromis niloticus* (Linnaeus)

Simm, I. The effects of different types of current meters on hydrographic data collected at two fish farm sites on the west coast of Scotland, with implications for modelling of cage farm wastes

Stock, R.C. Current and future impacts of aquaculture certification programmes

Vincent, Y.R. Use of gill condition to assess welfare of tilapia raised in two intensive production systems

The following were unfortunately omitted from the last edition of Aquaculture News and are published here for a complete record:

MSc Aquatic Veterinary Studies 2005

Mettam, J. J. An investigation into the use of gill pathologies in Rainbow Trout

MSc Aquatic Pathobiology 2005

Paffrath, S. M. The genetic fingerprint of *Edwardsiella ictaluri* recovered from cultured *Pangasius hypophthalmus* suffering from natural outbreaks of bacillary necrosis of pangasius

PhD 2006

Frank-Lawale, A.S. Genetic Management of the Atlantic halibut (*Hippoglossus hippoglossus*)

Gheyes, A. A. Applications of microsatellite markers to genetic management of carps in aquaculture

Karim, M. The livelihood impacts of fishponds integrated within farming systems in Mymensingh district, Bangladesh

Satapornvanit, K. Feeding behaviour of the prawn *Macrobrachium rosenbergii* as an indicator of pesticide contamination in tropical freshwater

Van Brakel, M. L. GIS applications for poverty targeted aquaculture development in the lower Mekong basin

PhD 2005 (previously un-published titles)

Boonphakdee, C. Isolation, analysis and chromosomal mapping of genes related to sex determination in tilapia

Cross, S.F. Marine finfish and suspended shellfish aquaculture: Water quality interactions and the potential for integrated aquaculture

Madrigal, J.F. Fatty acid metabolism in isolated enterocytes from salmonid fish
McCarthy, U. *Piscirickettsia salmonis*:

Characterisation, infection and immune response in salmonid fish

McGurk, C. Culture of malacosporeans (Myxozoa) and development of control strategies for proliferative kidney disease

Pollock, L. J. Integration of aquaculture within irrigation systems: A poverty-focused approach

Reynolds, P. J. Investigation of the growth potential and ecosystem impact of intensively farmed Atlantic salmon fed on experimental diets

PhD 2004 (previously un-published titles)

Good, J. E. Replacement of dietary fish oil with vegetable oils: effects on fish health

Guerrero, D. A. The hormonal transduction of photoperiod information and its effects on growth and reproduction in fin fish

Hamilton, A. Studies on *Aeromonas* taxonomy

Holzer, A.S. Molecular studies on *Sphaerospora truttae* and other freshwater myxozoans

Ibrahim, F. S. Reproductive biology of wild goldlined seabream, *Rhabdo sarba*, captive breeding and larval development in the Sultanate of Oman

Karapanagiotidis, I. T. The polyunsaturated fatty acid content of wild and farmed tilapias in Thailand: Aquaculture practices and implications for human nutrition

Morgan, A. L. The effect of seasonality on the immune response of rainbow trout *Oncorhynchus mykiss*

Murray, F. J. Potential for aquaculture in community managed irrigation systems of the dry-zone, Sri Lanka: Impacts on livelihoods of the poor

Sheriff, N. Fisher livelihoods in southern Thailand: Sustainability and the role of grouper culture

Taylor, N. G. H. The epidemiology and population ecology of *Argulus* spp infections in UK still water trout fisheries

Taylor, J. F. The effects of photoperiod manipulation on growth and reproduction in rainbow trout

Vonhoegen, G. Potential effects of copper leaching from antifoulant coating used on sea cage nets

