

1999 TAFI Publications

- Bermudes, M. [F.M], Ritar, A.J.**, 1999. 'Effects of temperature on the embryonic development of the striped trumpeter (*Latris lineata* Bloch and Schneider, 1801)', *Aquaculture* (176) 245-255.
- Bermudes, M.F.M.**, 1999. 'Effect of photoperiod on survival, growth, feeding and cannibalism in early development stages of *Jasus edwardsii* phyllosoma larvae', *Proceedings of the 1999 Fisheries Research and Development Corporation Rock Lobster Propagation Workshop*, University of Tasmania, Hobart, 46-47.
- Blyth, PJ, Kadri, S, Valdimarsson, SK, Mitchell, DF, **Purser, G.J.**, 1999. 'Diurnal and seasonal variation in feeding patterns of Atlantic salmon, *Salmo salar* L., in sea cages', *Aquaculture Research*, **30** 539-544.
- Bransden, MP, **Carter, C.G.**, 1999. 'Effect of processing soybean meal on the apparent digestibility of practical diets for the greenback flounder *Rhombosolea tapirina* (Günther)', *Aquaculture Research*, **30** (Monthly) 719-723.
- Bransden, MP, **Carter, C.G.**, 1999. 'Phosphorus digestibility in Greenback flounder (*Rhombosolea tapirina*) fed soybean meal-supplemented diets', *Book of Abstracts*, Sydney, Australia, 100.
- Bransden, MP, **Carter, C.G., Nowak, B.F.**, 1999. 'Atlantic salmon (*Salmo salar*) as a surrogate species for the development of an artificial diet for the Southern bluefin tuna', *Book of Abstracts*, Sydney, Australia, 99.
- Burgers Watson, D, **Hart, P.R.**, Gallagher, J, O'Sullivan, D, 1999. 'Bali success with barramundi cod', *Austasia Aquaculture*, Turtle Press Pty Ltd, Rosny Tasmania, **13**, 3.
- Burke, C.M.**, 1999. 'Molecular diffusive fluxes of oxygen in sediments of Port Phillip Bay in south-eastern Australia', *Marine and Freshwater Research*, **50** 557-66.
- Buxton, C.**, Eayrs, S, 1999. 'Establishing meaningful targets for bycatch reduction in Australian fisheries', *Australian Society for Fish Biology Workshop*, Hobart, Tasmania, 194.
- Carter, C.G.**, Bransden, MP, van Barneveld, RJ, Clarke, SM, 1999. 'Alternative methods for nutrition research on the southern bluefin tuna, *Thunnus maccoyii*: in vitro digestibility', *Aquaculture*, **179** 57-70.
- Carter, C.G.**, Hauler, RC, Bransden, MP, 1999. 'Measurement of protein synthesis in the study of aquaculture nutrition', *Book of Abstracts*, Sydney, Australia, 133.
- Cawthorn, A.J.**, 1999. 'Rock lobster tagging news 1', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 1.

Cawthorn, A.J., 1999. 'Rock lobster tagging news 2', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 2.

Cawthorn, A.J., 1999. 'Rock lobster tagging news 3', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 3.

Chen, WM, **Purser, G.J.**, 1999. 'Effect of Meal Frequency and Time on Growth and Proximate Body Composition in Tank-reared Greenback Flounder', *Book of Abstracts*, Sydney, Australia, 153.

Chen, WM, **Purser, G.J.**, Blyth, P, 1999. 'Diel feeding rhythms of greenback flounder *Rhombosolea tapirina* (Günther 1862): the role of light-dark cycles and food deprivation', *Aquaculture Research*, **30** 529-537.

Clark, A, **Nowak, B.F.**, 1999. 'Field investigations of amoebic gill disease in Atlantic salmon, *Salmo salar* L., in Tasmania', *Journal of Fish Diseases*, **22** 433-443.

Crawford, C., Mitchell, I., *Physical and chemical parameters of several oyster growing areas in Tasmania*, University of Tasmania, Hobart, 67.

Crear, B.J., Thomas, C.W., Hart, P.R., 1999. 'An evaluation of the suitability of artificial prawn feeds as diets for the southern rock lobster, *Jasus edwardsii*', *The Annual International Conference and Exposition of the World Aquaculture Society*, Sydney, 183.

Crosbie, PBB, **Munday, B.L.**, 1999. 'Environmental factors and chemical agents affecting the growth of the pathogenic marine ciliate *Uronema nigricans*', *Diseases of Aquatic Organisms*, **36** 213-219.

Edgar, GJ, 1999. 'Experimental Analysis of Structural versus Trophic Importance of Seagrass Beds. I. Effects of Macrofaunal and Meiofaunal Invertebrates', *Vie et Milieu*, **49** (4) 239-248.

Edgar, GJ, 1999. 'Experimental Analysis of Structural Versus Trophic Importance of Seagrass Beds. II. Effects on fishes, decapods and cephalopods', *Vie et Milieu*, **49** (4) 249-260.

Edgar, GJ, 1999. 'Tasmania', *Under Southern Seas - The ecology of Australia's rocky reefs*, University of New South Wales Press Ltd, Neil Andrew (ed), Sydney, 30-37.

Edgar, GJ, **Barrett, N.S.**, 1999. 'Effects of the declaration of marine reserves on Tasmanian reef fishes, invertebrates and plants', *Journal of Experimental Marine Biology and Ecology* (242) 107-144.

Edgar, GJ, **Barrett, N.S.**, 1999. 'Effects of the declaration of marine reserves on Tasmanian reef fishes, invertebrates and plants', *Journal of Experimental Marine Biology and Ecology*, **242** 107-144.

Edgar, GJ, **Barrett, N.S.**, Graddon, DJ, *A classification of Tasmanian estuaries and assessment of their conservation significance using ecological and physical attributes, population and land use*, University of Tasmania, Hobart, 205.

Edgar, GJ, **Barrett, N.S.**, Graddon, DJ, *A classification of Tasmanian estuaries and assessment of their conservation significance using ecological and physical attributes, population and land use*, University of Tasmania, Hobart, 205.

Edgar, GJ, **Barrett, N.S.**, Last, PR, 1999. 'The distribution of macroinvertebrates and fishes in Tasmanian estuaries', *Journal of Biogeography* (26) 1169-1189.

Edgar, GJ, **Barrett, N.S.**, Last, PR, 1999. 'The distribution of macroinvertebrates and fishes in Tasmanian estuaries', *Journal of Biogeography*, **26** 1169-1189.

Engin, K, **Carter, C.G.**, 1999. 'The growth, feed utilisation and ammonia excretion rates of the Australian short-finned eel *Anguilla australis* (Richardson) fed at varying dietary protein: energy levels', *Book of Abstracts*, Sydney, Australia, 243.

Farhangi, M, **Carter, C.G.**, 1999. 'Assessment of Australian grain legumes as fish meal replacements in diets for rainbow trout (*Oncorhynchus mykiss*)', *Book of Abstracts*, Sydney, Australia, 252.

Flynn, AJ, **Ritz, D.A.**, 1999. 'Effect of habitat complexity and predatory style on the capture success of fish feeding on aggregated prey', *Journal of the Marine Biological Association of the United Kingdom*, **79** 487-494.

Frusher, S.D., 1999. 'Rock lobster research in the Crayfish Point Reserve at Tarooma', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 2.

Frusher, S.D., **Gardner, C.**, 1999. 'Tasmanian Rock Lobster Fishery 1998', *Fishery Assessment Report*, University of Tasmania, Hobart, Tasmania, **1**, 1.

Frusher, S.D., Gibson, ID, 1999. 'Bycatch in the Tasmanian rock lobster fishery', *Establishing meaningful targets for bycatch reduction in Australian fisheries*, Hobart, Tasmania, 73-81.

Frusher, S.D., Prescott, J, Edmunds, M, 1999. 'Southern Rock Lobsters', *Under Southern Seas: The ecology of Australia's rocky reefs*, University of New South Wales Press Ltd, Andrew, N. (ed), Sydney, 107-113.

Gardner, C., 1999. 'Finding the bottlenecks that restrict the genus *Jasus*', *R&D News*, Fisheries Research and Development Corporation, Deakin West, ACT, **7**, 4.

Gardner, C., 1999. 'Spider crab aggregation on Tasmania's northwest coast', *Invertebrata: Tasmania's Invertebrate Newsletter*, Queen Victoria Museum and Art Gallery, Launceston, Tasmania, **14**, 1.

Gardner, C., 1999. 'Summary of the Rock Lobster Stock Assessment Report', *Newsletter to Industry*, Tasmanian Rock Lobster Industry, University of Tasmania, Hobart, **1**, 1.

Gardner, C., 1999. 'Tasmanian Rock Lobster Fishery 1998-99', *Fishery Assessment Report*, University of Tasmania, Hobart, Tasmania, **1**, 1.

Gardner, C., 1999. 'The Larval and Reproductive Biology of the Giant Crab *Pseudocarcinus gigas*'.

Gardner, C., 1999. 'The Tasmanian Rock Lobster Stock Assessment Model Part 2 - Fitting to Data', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 4.

Gardner, C., 1999. 'The Tasmanian Rock Lobster Stock Assessment Model Part 3 - Predicting the future', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 5.

Gardner, C., 1999. 'The Tasmanian Rock Lobster Stock Assessment Model', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 3.

Gardner, D, **Carter, C.G.**, 1999. 'Evaluation of partial protein substitutes, lupin meal and soybean meal in artificial diets for juvenile silver trevally (*Pseudocaranx dentex*)', *Book of Abstracts*, Sydney, Australia, 282.

Gardner, D, **Carter, C.G.**, 1999. 'Feed intake and growth of juvenile silver trevally at the southern limit of their distribution', *Aquaculture International*, **7** 357-360.

Glencross, BD, van Barneveld, RJ, **Carter, C.G.**, Clarke, SM, 1999. 'Factors influencing feed intake and feed conversion in farmed Southern bluefin tuna (*Thunnus maccoyii*)', *Book of Abstracts*, Sydney, Australia, 287.

Glencross, BD, Van Barneveld, RJ, **Carter, C.G.**, Clarke, SM, 1999. 'On the path to a manufactured feed for farmed southern bluefin tuna', *World Aquaculture*, **30** (3) 42-46.

Goodsell, AH, 1999. 'Haematology of the Striped Trumpeter'.

Haddon, M., 1999. 'Discarding as unaccounted fishing mortality - when does bycatch mortality become significant?', *Establishing meaningful targets for bycatch reduction in Australian fisheries*, Hobart, Tasmania, 113-123.

Haddy, JA, **Pankhurst, N.W.**, 1999. 'Stress-induced changes in concentrations of plasma sex steroids in black bream', *Journal of Fish Biology*, **55** 1304-1316.

Hand, RE, Nell, JA, Reid, DD, Smith, IR, Maguire, GB, 1999. 'Studies on triploid oysters in Australia: effect of initial size on growth of diploid and triploid Sydney rock oysters, *Saccostrea commercialis* (Iredale & Roughley)', *Aquaculture Research*, **30** 35-42.

Harris, J.O., 1999. 'Chronic Effects of Adverse Water Quality on the Greenlip Abalone, *Haliotis laevis* Donovan'.

Harris, J.O., Maguire, GB, Edwards, SJ, Hindrum, SM, 1999. 'Effect of pH on growth rate, oxygen consumption rate and histopathology of gill and kidney tissue for juvenile greenlip abalone, *Haliotis laevis* Donovan and black lip abalone *Haliotis rubra* Leach', *Journal of Shellfish Research*, **18** 611-619.

Harris, J.O., Maguire, GB, Edwards, SJ, Johns, DR, 1999. 'Low dissolved oxygen reduces growth rate and oxygen consumption rate of juvenile greenlip abalone, *Haliotis laevis* Donovan', *Aquaculture*, **174** (3-4) 265-278.

Hart, P.R., van Barneveld, R, 1999. 'Technical Potential for Rock Lobster Propagation in Aquaculture Systems', *Proceedings of the 1999 Fisheries Research and Development Corporation Rock Lobster Workshop*, University of Tasmania, Hobart, 96.

Hauler, RC, **Carter, C.G.**, 1999. 'Phytase treatment of soybean meal increases appetite of Atlantic salmon (*Salmo salar* Parr)', *Book of Abstracts*, Sydney, Australia, 316.

Hodson, S.L., *Antifouling polymer compositions (International Patent No. WO99/01514)*.

Jenkins, MC, Ellis, JT, Liddell, S, Ryce, C, **Munday, B.L.**, Morrison, DA, Dubley, JP, 1999. 'The relationship of *Hammondia hammondi* and *Saracystis mucosa* to other heteroxenous cyst-forming coccidia as inferred by phylogenetic analysis of the 18S SSU ribosomal DNA sequence', *Parasitology*, **119** 135-142.

Johnson, D.J. , Clough, B, Xuan, TT, Tien, DV, 1999. 'Mixed Shrimp Farming - Mangrove Forestry in the Mekong Delta, Vietnam - Factors Limiting Shrimp Yields', *Book of Abstracts*, Sydney, Australia, 368.

Jordan, A.R., 1999. 'Assessment of inshore habitats around Tasmania for life-history stages of commercial finfish species', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 2.

Jordan, A.R., 1999. 'Seagrass as Fish Habitat', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 4.

Jordan, A.R., 1999. 'The biology and fishery for wrasse in Tasmania', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 6.

- Jordan, A.R.**, 1999. 'The Biology and Fishery of Sea Garfish in Tasmania', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 3.
- Kent, GN, Maguire, GB, Duthie, IJ, Pugh, R, 1999. 'Spawning, settlement, and growth of the New Zealand venerid *Ruditapes largillierti* (Philippi 1849) in culture', *New Zealand Journal of Marine and Freshwater Research*, **33** 55-62.
- Knuckey, I, MacDonald, CM, **Lyle, J.**, Smith, DC, 1999. 'Movement and exploitation rates of blue and spotted Warehou - A pilot tagging study', *FRDC Final Report*, University of Tasmania, Hobart, Tasmania, **1**, 1.
- Knuckey, RMP, 1999. 'Isolation of Australian Microalgae and Preparation of Microalgal Concentrates for use as Aquaculture Feeds'.
- Lyle, J.**, 1999. 'An assessment of recreational gillnetting in Tasmania', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 6.
- Lyle, J.**, 1999. 'Licensed recreational fishing and an evaluation of recall biases in the estimation of recreational catch and effort', *MRFC Final Report*, University of Tasmania, Hobart, Tasmania, **1**, 1.
- Lyle, J.**, Campbell, DA, 1999. 'Species and size composition of recreational catches with particular reference to licensed fishing methods', *MRFAC Final Report*, University of Tasmania, Hobart, Tasmania, **1**, 1.
- Lyle, J., Jordan, A.R.**, 1999. 'Tasmanian Scalefish fishery assessment - 1998', *Fishery Assessment Report*, University of Tasmania, Hobart, Tasmania, **1**, 1.
- Mackinnon, C.J.**, 1999. 'Better rock lobster assessment data with help from commercial fishers', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 5.
- Marshall, AJ, 1999. 'The influence of diet on the productivity of *Apocyclops dengizicus*', *Book of Abstracts*, Sydney, Australia, 495.
- Marshall, AJ, **Purser, G.J.**, 1999. 'The biology and culture parameters of a temperate harpacticoid copepod of the genus *Tisbe*', *Book of Abstracts*, Sydney, Australia, 494.
- Marshall, AJ, **Purser, G.J.**, 1999. 'The use of temperate harpacticoid copepod nauplii as a first feed for flounder larvae (*Rhombosolea tapirina*)', *Book of Abstracts*, Sydney, Australia, 493.
- Marshall, AJ, **Purser, G.J.**, Shelley, C, Schipp, G, Bosmans, J, 1999. 'The potential of three Australian copepods species as live feeds', *Book of Abstracts*, Sydney, Australia, 492.

McGlennon, D, **Lyle, J.**, 1999. 'Bycatch in Australian recreational fisheries: Is it an issue?', *Establishing meaningful targets for bycatch reduction in Australian fisheries*, Hobart, Tasmania, 82-86.

Mills, D., Ibbott, S.J., Willcox, S.T., Gardner, C., 1999. 'Lobsters that go 1999. 'ping': preliminary acoustic tracking of on-grown and wild juvenile southern rock lobster (*Jasus edwardsii*)', *Bendigo Gold 25th Annual Meeting: Australian Society for Fish Biology. 25th Conference Handbook*, Bendigo, 36.

Mitchell, I., 1999. 'Environmental assessment of the proposed marine farm zone at Long Reach, Tamar River', *Internal Report*, University of Tasmania, Hobart, Tasmania, **1**, 1.

Mitchell, I., Crawford, C., Brown, A., 1999. 'Environmental assessment of proposed marine farm zones in Blackman Bay', *Internal Report*, University of Tasmania, Hobart, Tasmania, **1**, 1.

Morehead, D.T., Hart, P.R., Goodchild, G.J., 1999. 'Closure of life-cycle for striped trumpeter', *Austasia Aquaculture*, Turtle Press Pty Ltd, Rosny Tasmania, **13**, 2.

Murphy, R.J., 1999. 'Impact of gillnet fishing on inshore temperate reef fishes, with particular reference to banded morwong', *Fishing Today*, Turtle Press, Rosny, Tasmania, **12**, 4.

Murphy, R.J., Lyle, J., *Impact of gillnet fishing on inshore temperate reef fishes, with particular reference to Banded Morwong*, Fisheries Research and Development Corporation, 95/145.

Nowak, B.F., 1999. 'Significance of Environmental Factors in Aetiology of Skin Diseases of Teleost Fish', *Bulletin of European Association of Fish Pathologists*, **19** (6) 290-292.

Nowak, B.F., Clark, A., 1999. 'Prevalence of epitheliocystis in Atlantic salmon, *Salmo salar* L., farmed in Tasmania, Australia', *Journal of Fish Diseases*, **22** 73-78.

Officer, R., 1999. 'Subdivision of abalone fishing blocks: Industry help is needed', *Fishing Today*, Turtle Press Pty Ltd, Rosny Tasmania, **12**, 2.

Officer, R., *Size limits for greenlip abalone in Tasmania*, University of Tasmania, Hobart, 48.

Pankhurst, N.W., 1999. 'Deep sea fisheries: managing the unmanageable?', *Environmental Biology of Fishes*, **55** 459-461.

Pankhurst, N.W., Hilder, P.I., Pankhurst, P.M., 1999. 'Reproductive Condition and Behavior in Relation to Plasma Levels of Gonadal Steroids in the Spiny Damsel fish *Acanthochromis polyacanthus*', *General and Comparative Endocrinology*, **115** 53-69.

Parsons, HJ, 1999. 'Freshwater bathing as a treatment for amoebic gill disease in Atlantic salmon *Salmo salar*, in Tasmania - efficiency, effects on osmoregulation and water quality'.

Perry, RI, **Thompson, P.A.**, Mackas, DL, Harrison, PJ, Yelland, DR, 1999. 'Stable carbon isotopes as pelagic food web tracers in adjacent shelf and slope regions off British Columbia, Canada', *Canadian Journal of Fisheries and Aquatic Sciences*, **56** (12) 2477-2486.

Poortenaar, CW, **Pankhurst, N.W.**, 1999. 'Reproductive biology and endocrinology of greenback flounder *Rhombosolea tapirina* (Günther 1862)', *Marine and Freshwater Research*, **50** 35-42.

Powell, M.D., Perry, SF, 1999. 'Cardio-respiratory effects of chloramine-T exposure in rainbow trout', *Experimental Biology Online*, **4** EJ.

Purser, G.J., Chen, WM, 1999. 'The effect of ration size and feeding duration of the pattern of feeding-entrained locomotor activity in Greenback flounder (*Rhombosolea tapirina*)', *Book of Abstracts*, Sydney, Australia, 616.

Ritar, A.J., 1999. 'Artificial insemination with cryopreserved semen from striped trumpeter (*Latris Lineata*)', *Aquaculture* (180) 177-187.

Ritar, A.J., 1999. 'Larval culture of southern rock lobster *Jasus edwardsii*', *The Annual International Conference and Exposition of the World Aquaculture Society*, Sydney, 183.

Ritar, A.J., 1999. 'Propagation of the southern rock lobster (*Jasus edwardsii*) in Tasmania', *Proceedings of the 1999 Fisheries Research and Development Corporation Rock Lobster Propagation Workshop*, University of Tasmania, Hobart, 42-45.

Ritar, A.J., 1999. 'Recent research on the propagation of southern rock lobster (*Jasus edwardsii*) in Tasmania: Part 2', *Austasia Aquaculture*, Turtle Press Pty Ltd, Rosny Tasmania, **13**, 6.

Ritar, A.J., 1999. 'Recent research on the propagation of southern rock lobster in Tasmania: Part 1', *Austasia Aquaculture*, Turtle Press Pty Ltd, Rosny Tasmania, **13**, 5.

Rungruangsak-Torrissen, K, **Carter, C.G.**, Sundby, A, Berg, A, Houlihan, DF, 1999. 'Maintenance ration, protein synthesis capacity, plasma insulin and growth of Atlantic salmon (*Salmo salar* L.) with genetically different trypsin isozymes', *Fish Physiology and Biochemistry*, **21** 223-233.

Salindeho, IRN, 1999. 'Mouthpart morphology and alimentary tract structure of the rock crab (*Nectocarcinus tuberculatus*)'.

Schipp, GR, Bosmans, MP, Marshall, AJ, 1999. 'A method for the hatchery culture of a tropical species of the calanoid copepod genus *Acartia*', *Book of Abstracts*, Sydney, Australia, 89.

Stewart, NJ, **Munday, B.L.**, Hawkesford, TM, 1999. 'Isolation of *Mucor circinelloides* from a case of ulcerative mycosis of platypus (*Ornithorhynchus anatinus*), and a comparison of the response of *Mucor circinelloides* and *Mucor amphibiorum* to different culture temperatures', *Medical Mycology*, **37** 201-206.

Suplicy, FM, 1999. 'Carrying capacity on shellfish culture', *Panorama da Aquicultura*, **10** (57) 21-24.

Tarbath, D., 1999. 'Abalone Tagging Study at the Actaeons', *Fishing Today*, Turtle Press Pty Ltd, Rosny Tasmania, **12**, 4.

Tarbath, D., *A population assessment of blacklip abalone (Haliotis rubra) in the Hogan and Kent groups, Bass Strait*, University of Tasmania, Hobart, 39.

Tarbath, D., *Estimates of growth and natural mortality of the blacklip abalone (Haliotis rubra) in Tasmania*, University of Tasmania, Hobart, 41.

Thomas, PM, 1999. 'The effect of pre-harvest stress on post-mortem muscle biochemistry in culture Atlantic salmon (*Salmo salar*) and rainbow trout (*Oncorhynchus mykiss*)'.

Thomas, PM, **Pankhurst, N.W.**, Bremer, HA, 1999. 'The effect of stress and exercise on post-mortem biochemistry of Atlantic salmon and rainbow trout', *Journal of Fish Biology*, **54** 1177-1196.

Thompson, P.A., 1999. 'The response of growth and biochemical composition to variations in daylength, temperature, and irradiance in the marine diatom *Thalassiosira Pseudonana* (Bacillariophyceae)', *Journal of Phycology*, **35** 1215-1223.

Tumbol, RA, 1999. 'Pathophysiology of *Ichthyophthirius multifiliis* in Goldfish (*Carassius auratus*)'.

van Barneveld, RJ, Glencross, BD, **Carter, C.G.**, Clarke, SM, Smart, AR, 1999. 'Diet development for pelagic fish: the southern bluefin tuna (*Thunnus maccoyii*) model', *Book of Abstracts*, Sydney, Australia, 787.

Verbeeten, BE, **Carter, C.G.**, **Purser, G.J.**, 1999. 'The combined effect of feeding time and ration on growth performance and nitrogen metabolism of greenback flounder', *Journal of Fish Biology*, **55** 1328-1343.

Vergurg-van Kemenade, BML, **Nowak, B.F.**, Engelsma, MY, Weyts, FAA, 1999. 'Differential effects of cortisol on apoptosis and proliferation of carp B-lymphocytes from head kidney, spleen and blood', *Fish & Shellfish Immunology*, **9** 405-415.

Walmsley-Hart, SA, Sauer, WHH, **Buxton, C.**, 1999. 'The biology of the skates *Raja wallacei* and *R.pullopunctata* (Batoidea: Rajidae) on the Agulhas Bank, South Africa', *South African Journal of Marine Science*, **21** 165-179.

Ward, H, Quinn, K, Lucas, A, Dyer, A, Degger, B, Richardson, N, **Carter, C.G.**, Carragher, J, Soole, K, Upton, Z, 1999. 'Applications of insulin-like growth factors in aquaculture', *Book of Abstracts*, Sydney, Australia, 801.

Wells, RMG, **Pankhurst, N.W.**, 1999. 'Evaluation of Simple Instruments for the Measurement of Blood Glucose and Lactate, and Plasma Protein as Stress Indicators in Fish', *Journal of the World Aquaculture Society*, **30** (2) 276-284.

Zilberg, D, **Nowak, B.F.**, **Carson, J.**, Wagner, T, 1999. 'Simple gill Smear Staining for Diagnosis of Amoebic Gill Disease', *Bulletin of European Association of Fish Pathologists*, **19** (5) 186-189.