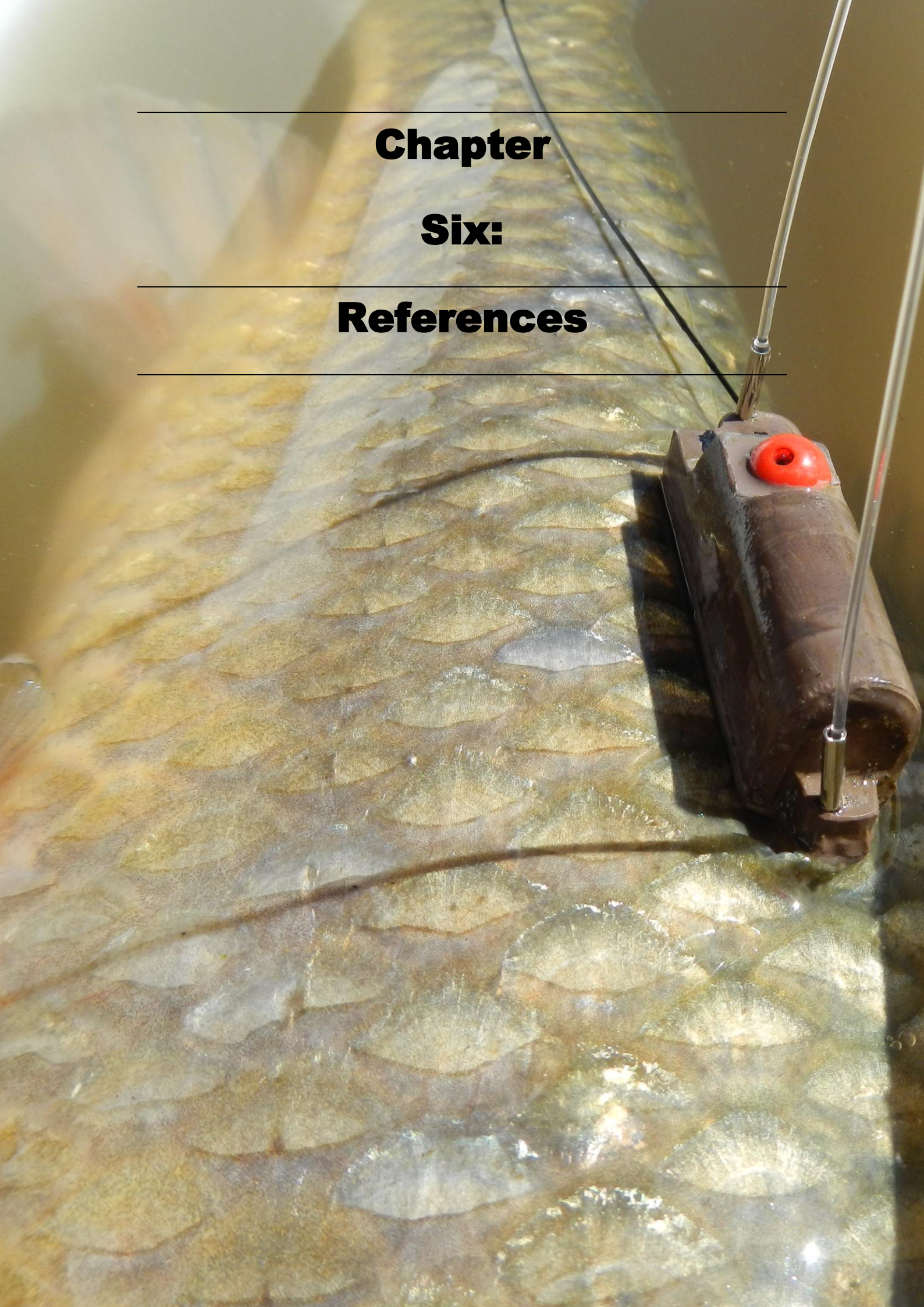

Chapter

Six:

References



6 All references cited in each chapter

ABRAMOVITZ, J. 1996. Imperiled waters, impoverished future: The decline of freshwater ecosystems. World Watch Paper No. 128, Worldwatch Institute, Washington DC, USA.

AKHTAR, N. 2002. Studies on Resource Base, Ecological Diversity and Threats to Game Fish Mahseer in Himalayan-Foothill Rivers. Pakistan Agricultural Research Council (PARC), Islamabad. WWF Final Report.

ASHTON, G.V. 2007. Distribution and Dispersal of the Nonnative Caprellid Amphipod, *Caprella mutica* Schurin 1935. Ph.D. Thesis, Scottish Association for Marine Science. Aberdeen University, Aberdeen, Scotland. pp. 175.

BARLOW, G.W. 1993. Fish behavioural ecology: pros, cons and opportunities. In: Huntingford FA, Torricelli P, editors. Behavioural ecology of fishes, Reading: Harwood Academic Publishers. pp. 1-5.

BERTASSO, A. 2004. Ecological Parameters of Selective Helminth Species in *Labeobarbus aeneus* and *Labeobarbus kimberleyensis* in the Vaal Dam, and an Evaluation of their Influence on Indicators of Environmental Health. M.Sc. Short Dissertation. Rand Afrikaans University, Johannesburg, South Africa.

BLOOMER, P., BILLS, I.R., VAN DER BANK, F.H., VILLET, M., JONES, N. & WALSH, G. 2007. Multidisciplinary Investigation of Differentiation and Potential Hybridisation between Two Yellowfish Species *Labeobarbus kimberleyensis* and *L. aeneus* from the Orange-Vaal System. Yellowfish Working Group Report. Orange-Vaal yellowfish: Follow-up study report. AngloGold Ashanti Limited.

BRANDT, F.D.E. 1975. 'n Ondersoek na die Visbevolkingsamestelling van Geselekteerde Hengelwaters in Transvaal met Spesiale Verwysing na die Probleem van Oormatige Waterplantegroei en Doeltreffende Visserybestuur. M.Sc. Thesis, Rand Afrikaanse Universiteit, Johannesburg, South Africa.

BRAUN, E. & ROGERS, K.H. 1987. The Vaal River Catchment: Problems and Research Needs. Pretoria: South African National Scientific Programmes Report No. 143.

BRAY, R.N. 1981. Influence of water currents and zooplankton densities on daily foraging movements of blacksmiths, *Chromis punctipinnis*, a planktivorous reef fish. *Fishery Bulletin* 78: 829-138.

BRETT, J.R. & GROVES, T.D.D. 1979. Physiological energetic , in: W.S Hoar, D.J Randall, J.R Brett (Eds.), *Fish Physiology, Bioenergetics and Growth*, vol. 8, Academic Press, NY. pp. 279-352.

BRIDGER, C.J. & BOOTH, R.K. 2003. The effects of biotelemetry transmitter presence and attachment procedures on fish physiology and behavior. *Reviews in Fisheries Science* 11(1): 13-34.

BRUTON, M.N. 1985. The effects of suspensoids on fish. *Hydrobiologia* 125: 221-241.

BURNHAM, K.P. & ANDERSON, D.R. 1998. Model selection and inference: A practical information-theoretic approach, 1st ed. New York: Springer-Verlag.

CERRI, R.D. 1983. The effect of light intensity on predator and prey behaviour in cyprinid fish: factors that influence prey risk. *Animal Behaviour* 31: 736-742.

CHAMIE, J. 2004. *Statement to the Commission on Population and Development (Thirty-seventh session)*. Population Division, Department of Economic and Social Affairs, United Nations.

CLOUGH, S., GARNER, P., DEANS, D. & LADLE, M. 1998. Post spawning movements and habitat selection of dace in the River Frome, Dorset, Southern England. *Journal of Fish Biology* 53: 1060-1070.

COOKE, S.J., HINCH, S.G., WIKELSKI, M., ANDREWS, R.D., KUCHEL, L.J., WOLCOTT, T.G. & BUTLER, P.J. 2004a. Biotelemetry: a mechanistic approach to ecology. *Trends in Ecology and Evolution* 19(6): 334-343.

COOKE, S.J. & SCHREER, J.F. 2003. Environmental monitoring using physiological telemetry- a case study examining common carp responses to thermal pollution in a coal fired generating station effluent. *Water, Air and Soil Pollution* 142: 113-136.

COOKE, S.J., THORSTAD, E.B. & HINCH, S.G. 2004b. Activity and energetic for free swimming fish: insights from electromyogram telemetry. Blackwell Science Ltd. *Fish and Fisheries* 5: 21-25.

CROOK, D.A. 2004. Movements associated with home-range establishment by two species of lowland river fish. *Canadian Journal of Fisheries Aquatic Science* 61: 2183-2193.

DAVIES, B.R. & DAY, J. 1998. Vanishing Waters. University of Cape Town Press. University of Cape Town, Cape Town, South Africa.

DE MOOR, I.J. & BRUTON, M.N. 1998. Atlas of alien and translocated indigenous aquatic animals in southern Africa. A report of the Committee for Nature Conservation Research National Programme for Ecosystem Research, Port Elizabeth, South Africa. South African Scientific Programmes Report No. 144. pp. 310.

DE VILLIERS, P. & ELLENDER, B. 2007. Status of the Orange-Vaal Largemouth Yellowfish, *Labeobarbus kimberleyensis* (Gilchrist & Thompson, 1913). Technical Report on the State of Yellowfishes in South Africa. WRC Report No. KV 212/08, Water Research Commission, Pretoria, South Africa. pp. 198.

DE VILLIERS, P. & ELLENDER, B. 2008a. Status of the Orange-Vaal smallmouth yellowfish, *Labeobarbus aeneus* (Burchell, 1822). In: Impson ND, Bills IR, Wolhuter L. Technical Report on the State of Yellowfishes in South Africa. WRC Technical Report No. KV 212/08. Water Research Commission, Pretoria, South Africa. ISBN: 978-1-77005-719-7. pp. 76-91.

DE VILLIERS, P. & ELLENDER, B. 2008b. Status of the Orange-Vaal largemouth yellowfish, *Labeobarbus kimberleyensis* (Gilchrist & Thompson, 1913). In: Impson ND, Bills IR, Wolhuter L. Technical Report on the State of Yellowfishes in South Africa. WRC Technical Report No. KV 212/08. Water Research Commission. Pretoria. ISBN: 978-1-77005-719-7. pp. 92-102.

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOURISM (DEAT). 2005. Inland Water – Factors Affecting Availability and Water Quality. DEAT, Pretoria, South Africa.

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOURISM (DEAT). 2007. South Africa Environment Outlook. A report on the state of the environment. Available at: <http://www.deat.gov.za>

DEPARTMENT OF WATER AFFAIRS (DWA) 2010. River Health Assessment on the Vaal River: Downstream of the Rietspruit and Vaal River confluence to the Erina Spa Bridge and Vaal River Crossing. DWA Project WP9672. Carried out by Jeffares and Green (Pty) Ltd. and the University of Johannesburg on behalf of the Department of Water Affairs, Sasol and Rand Water.

DEPARTMENT OF WATER AFFAIRS AND FORESTRY (DWAF). 2007. Guidelines for the Development of Catchment Management Strategies: Towards Equity, Efficiency and Sustainability in Water Resources Management. (1st edn.) By SR Pollard, D du Toit, J Reddy and T Tlou. Department of Water Affairs and Forestry, Pretoria, South Africa. Available from www.dwaf.gov.za/documents/other: catchment management.

DEPARTMENT OF WATER AFFAIRS AND FORESTRY (DWAF). 2009. Water for Growth & Development Framework (Version 7). DWAF, Republic of South Africa.

DILL, L.M., FRASER, A.H.G. 1984. Risk of predation and the feeding behavior of juvenile coho salmon (*Oncorhynchus kisutch*). *Behavioural Ecology Socio-biology*. 16: 65-71.

DÖRGELOH, W.G. 1994. Diet and food selection of *Barbus aeneus*, *Clarias gariepinus* and *Oncorhynchus mykiss* in a clear man-made lake, South Africa. *Water SA* 20: 91-98.

DÖRGELOH, W.G. 1996. Food overlap between the alien *Oncorhynchus mykiss* and the indigenous fish species *Barbus aeneus* and *Clarias gariepinus* in a man-made lake, South Africa. *Water SA* 22: 79-83.

DUBEY, G.P. 1985. Conservation of dying King mahseer the mighty game fish and its future role in reservoir fisheries. *Punjab Fisheries Bulletin* 9: 26-32.

DUNN, J.E. & GIPSON, E.P.S. 1977. Analysis of radio telemetry data in studies of home range. *Biometrics* 33: 85-101.

ECCLES, D.H. 1985. The effect of temperature and mass on the routine oxygen consumption in South African cyprinid fish *Barbus aeneus* Burchell. *Journal of Fish Biology* 27: 155-165.

EKLÖV, P. & DIEHL, S. 1994. Piscivore efficiency and refuge prey: the importance of predator search mode. *Oecologia* 98: 344-353.

ELLENDER, B.R., WEYL, O.L.F. & WINKER, H. 2012. Age and growth and maturity of southern Africa's largest cyprinid fish, the largemouth yellowfish *Labeobarbus kimberleyensis*. *Journal of Fish Biology*. doi:10.1111/j.1095-8649.2012.03395.x. Available online at: wileyonlinelibrary.com.

ELLIOTT, M., WHITFIELD, A.K., POTTER, I.C., BLABER, S.J.M., CYRUS, D.P., NORDLIE, F.G. & HARRISON, T.D. 2007. The guild approach to categorizing estuarine fish assemblages: a global review. *Fish and Fisheries* 8: 241-268.

FAO (Food and Agriculture Organisation). 2003. Review of the state of world fishery resources: inland fisheries. *FAO Fisheries Circular* No. 942, Rev. 1, Rome, Italy. pp. 60.

GAIGHER, I.G. & FOURIE, P. 1984. Food habits of smallmouth yellowfish, *Barbus holubi*, in Wuras Dam, a shallow turbid impoundment. *Journal Limnological Society of South Africa* 10: 1-4.

GERBER, R.J.L. 2010. Physiological response of tigerfish and smallmouth yellowfish to angling: impact of angling duration fish size, fish age, sexual maturity, body condition and temperature. M.Sc. Thesis, University of Johannesburg, Johannesburg, South Africa.

GERBER, R.J.L., SMIT, N. & O'BRIEN, G. 2011. Physiological response of smallmouth yellowfish to angling: Impact of angling duration, fish size, fish age, sexual maturity, and temperature. WRC Report No. KV 285/1.

GLEICK, P.H. 2006. *The World's Water 2006-2007*. Island Press. Washington DC, USA.

GODIN, J.G.J. 1990. Diet selection under risk of predation. In: Hughes, R.N. (ed.) *Behavioural Mechanisms of Food Selection*. NATO ASI Series Vol.G20, pp.739-770. Springer-Verlag, Berlin.

GODIN, J.G.J. 1997. Behavioural Ecology of Teloest Fishes. Department of Biology, Mount Allison University, Sackville, New Brunswick, Canada.

GUNN, J. & YOUNG, J. 2000. Environmental determinants of the movement and migration of juvenile SBT. In: Hancock, D.A., Smith, D.C. and Koehn J. D. (eds.) *Fish Movement and Migration. Australian Society for Fish Biology Workshop Proceedings*. September 1999, Bendigo, Victoria, Australia. *Australian Society for Fish Biology*, Sydney. pp. 123-128.

HAMMAN, K.C.D. 1981. Aspekte van die Bevolkingsdinamika van die Hendrik Verwoerddam met Verwysing na die Ontwikkeling van 'n Visserystuursplan. Ph.D. Thesis, Rand Afrikaans University, Johannesburg, South Africa.

HANCOCK, D.A. 1989. (ed.) *Tagging - Solution or Problem? Proceedings No. 5, Australian Society for Fish Biology Tagging Workshop*. 21-22 July 1988, Sydney, Australia. pp. 208.

HARRISON, T.D. & WHITFIELD, A.K. 2004. A multi-metric fish index to assess the environmental condition of estuaries. *Journal of Fish Biology* 65: 683-710.

HARRISON, T.D. & WHITFIELD, A.K. 2006. Application of a multimetric fish index to assess the environmental condition of estuaries. *Estuaries and Coasts* 29: 1108-1120.

HARRISON, T.D., COOPER, J.A.G. & RAMM, A.E.L. 2000. Geomorphology, Ichthyofauna, Water Quality and Aesthetics of South African Estuaries. Department of Environmental Affairs & Tourism, Pretoria, South Africa.

HART, P.J.B. & HAMRIN, S.F. 1988. Pike as a selective predator. Effects of prey size, availability, cover and pike jaw dimensions. *Oikos* 51: 220-226.

HART, P.J.B. 1996. Behavioural Ecology of Teleost Fishes. Department of Biology, Mount Allison University, Sackville, New Brunswick, Canada. pp. 104.

HARVEY, B.C. & STEWART, A.J. 1991. Fish size and habitat depth relationships in headwater streams. *Oecologia* 87: 336-342.

HIRSCHOWITZ, P.M., BIRKHEAD, A.L. & JAMES, C.S. 2007. Hydraulic Modelling for Ecological Studies for South African Rivers. WRC Report No. K5/105. Water Research Commission, Pretoria, South Africa.

HODDER, K.H., MASTERS, J.E.G., BEAUMONT, W.R.C., GOZLAN, R.E., PINDER, A.C., KNIGHT, C.M. & KENWARD, R.E. 2007. Techniques for evaluating the spatial behaviour of river fish. *Hydrobiologia*. 582: 257-269.

HOWARTH R.B. & FARBER, S. 2002. Accounting for the value of ecosystem services. *Ecological Economics* 41: 421-429.

HUGHES, N.F. & DILL, L.M. 1990. Position choice by driftfeeding salmonids: model and test for Arctic grayling (*Thymallus arcticus*) in subarctic mountain streams, interior Alaska. *Canadian Journal of Fisheries and Aquatic Sciences* 47: 2039-2048.

HUGHES, R.N. 1979. Optimal diets under the energy maximisation premise: the effects of recognition time and learning. *American Naturalist* 113: 209-221.

HUGHES, R.N. 1993. *Diet Selection: An Interdisciplinary Approach for Foraging Behaviour*. Blackwell Scientific Publ., Oxford, UK.

HUGIE, D.M. & DILL, L.M. 1994. Fish and game: a game theoretic approach to habitat selection by predators and prey. *Journal of Fish Biology* 45: 151-169.

IMPSON, N.D. 2007. Freshwater fishes. In: CapeNature (ed.), Western Cape Province state of biodiversity 2007. Stellenbosch. CapeNature Scientific Services. pp 19-36.

INGRAM, B.A. 1989. Use of binary-coded wire tags for marking juvenile fish. In: Hancock, D.A. (ed.) *Tagging – Solution or Problem? Proceedings No. 5, Australian Society for Fish Biology Tagging Workshop*, 21-22 July 1988, Sydney, Australia. pp. 58-59.

JOHNSON, N., REVENGA, C. & ECHEVERRIA, J. 2001. Managing water for people and nature. *Science* 292: 1071-1072.

JOUBERT, F. 1970. Die groot varswaterhengelboek. Perskor-Boekdrukkery, Doornfontein, Johannesburg. pp. 78-79.

JUBB, R.A. 1967. *Freshwater Fishes of Southern Africa*. A.A. Balkema, Cape Town.

KARR, J.R. & DUDLEY, D.R. 1981. Ecological perspectives on water quality goals. *Environmental Management* 5: 55-68.

KAUSHAL, D.K., PIROLKER, M.D. & RAO, Y.R. 1980. Observation on the food habits of *T. putitora*(Ham.) from Gobindasagar reservoir, Himanchal Pradesh. *Journal of the Inland Fisheries Society of India* 12(1): 121-124.

KEARNEY, R.E. 1989. Keynote address: tagging - solution or problem? In: Hancock, D.A. (ed.) *Tagging - Solution or Problem? Proceedings No. 5, Australian Society for Fish Biology Tagging Workshop*. 21-22 July 1988, Sydney, Australia. pp. 8-20.

KEENAN, C. & MACDONALD, C.M. 1989. Genetic tagging. In: Hancock, D.A. (ed.) *Tagging - Solution or Problem? Proceedings No. 5, Australian Society for Fish Biology Tagging Workshop*. 21-22 July 1988, Sydney, Australia. pp. 77-82.

KLEYNHANS, C.J. 1999. The development of a fish index to assess the biological integrity of South African rivers. *Water SA* 25: 265-278.

KLEYNHANS, C.J., LOUW, M.D., THIRION, C., ROSSOUW, N.J. & ROWNTREE, K. 2005. River EcoClassification: Manual for EcoStatus determination (Version 1). Joint

Water Research Commission and Department of Water Affairs and Forestry report. WRC Report No. KV 168/0.

KNIGHTS, B.C. & LASEE, B.A. 1996. Effects of implanted transmitters on adult bluegills at two temperatures. *Transactions of the American Fisheries Society* 125: 440.

KOCH, B.S. & SCHOONBEE, H.J. 1975. A fish mark-recapture study in Boskop Dam, Western Transvaal. *Water SA* Vol. 6 No. 3.

KOCH, B.S. 1975. 'n Visiekologiese Ondersoek van Boskopdam, Wes-Transvaal, met Spesiale Verwysings na die Bevolkingsdigtheid van *Labeo capensis* en *Labeo umbratus* in Verhouding tot die ander Vishengelsorte. M.Sc. dissertation. Rand Afrikaans University, Johannesburg, South Africa.

KOEHN, J.D. 2000. Why use radio tags to study freshwater fish? In: Hancock, D.A., Smith, D. and Koehn, J.D. (eds.) *Fish Movement and Migration. Australian Society for Fish Biology* : 24-33.

LANZA, G.R. 1997. Where have all the rivers gone? *BioScience* 47: 460-461.

LEIBOLD, M. 2008. Synopsis of the Economic Impact of Deep Sea Angling in South Africa in 2007. Recreational Angling Bigger than Rugby & Cricket. Available at: <http://ansaqld.com.au/media/contentnews/42/erapressreleasen03a.pdf>.

LITTELL, R.C., MILLIKEN, G.A., STROUP, W.W. & WOLFINGER, R.D. 1996. SAS system for mixed models. North Carolina: SAS Institute, Cary.

LUCAS, M.C. & BARAS, E. 2000. Methods for studying spatial behavior of freshwater fishes in the natural environment. Blackwell Science Ltd. *Fish and Fisheries* 1: 283-316.

MCCULLY, P. 1996. *Silenced Rivers: The Ecology and Politics of Large Dams*. Zed Books, London, UK.

MCDONALD, A.S.J. 1948. Circumventing the mahseer and other sporting fish in India and Burma. *Journal of the Bombay Natural History Society* 114(6): 306.

MILLENNIUM ECOSYSTEM ASSESSMENT (MEA). 2005. *Millennium Ecosystem Assessment Synthesis Report*. Island Press, Washington, DC, USA.

MITSON, R.B. 1978. A review of biotelemetry techniques using acoustic tags. In: Thorpe, J.E. (ed.) *Rhythmic Activities of Fishes*. Academic Press, New York, USA. pp. 269-283.

MULDER, P.F.S. 1973. Aspects on the ecology of *Barbus Kimberleyensis* and *Barbus holubi* in the Vaal River. *Zoologica Africana*, 8(1): 1-14.

NEL, J.L., ROUX, D.J., MAREE, G.A., KLEYNHANS, C.J., MOOLMAN, J., REYERS, B. & ROUGET, R.M. 2007. Cowling rivers in peril inside and outside protected areas: a systematic approach to conservation assessment of river ecosystems. *Diversity and Distributions* 13: 341-352.

O'BRIEN, G. & SMIT, N. & WEPENER, V. 2011. Regional Scale Risk Assessment of threats to the yellowfish (*Labeobarbus spp.*) and the ecosystem services they provide in the Vaal River, South Africa's hardest working river.

O'BRIEN, G.C., NEL, L., DE VILLIERS, P., JACOBS, F.J & HOFFMAN, A. 2010. Home ranges, habitat use, migrations and general behaviour. *Aspects of the biology and ecology of the Orange-Vaal largemouth and smallmouth yellowfishes in the Vaal River*. WRC Report No. TT 508/11. Water Research Commission, Pretoria, South Africa.

O'BRIEN, G.C., JACOBS, F.J., CRONJÉ, L., WEPENER, V. & SMIT, N.J. 2013. Habitat preference and movement of adult yellowfishes, *Labeobarbus kimberleyensis* (Gilchrist and Thompson, 1913) *Labeobarbus aeneus* (Burchell, 1822) in the Vaal River, South Africa. *South African Journal of Science* (In press).

O'KEEFFE, J.H. 1989. Conserving rivers in Southern Africa. *Biological Conservation* 49: 255-274.

ØKLAND F., THORSTAD, E.B., HAY, C.J., NÆSJE T.F., CHANDA, B. 2005. Patterns of movement and habitat use by tigerfish (*Hydrocynus vittatus*) in the Upper Zambezi River (Namibia). *Ecology of Freshwater Fish* 14: 76-86.

ØKLAND, F., HAY, C.J., NÆSJE, T.F.N., NICKANDOR, N. & THORSTAD, E.B. 2003. Learning from unsuccessful radio tagging of common carp in a Namibian reservoir. *Journal of Fish Biology* 62: 735-739.

ORASECOM. 2007. *Roadmap Towards Stakeholder Participation*, Centurion: ORASECOM.

PALMER, C.G., MULLER, W.J., JOOSTE, S., ROSSOUW, J.N., MALAN, H.L. & SCHERMAN, P.A. 2005. The development of water quality methods within ecological Reserve assessments, and links to environmental flows. *Water SA* 31: 161-170.

PAXTON, B.R. 2004. Catchment-wide movement patterns and habitat utilisation of freshwater fish in rivers: implications for dam location, design and operation, a review and methods development for South Africa. *WRC Report No. KV145/04*. Water Research Commission, Pretoria.

PENNE, C.R. & PIERCE, C.L. 2008. Seasonal distribution, aggregation, and habitat selection of common carp in a clear lake, Iowa. *Transactions of the American Fisheries Society* 137: 1050-1062.

POSTEL, S.L. 1995. *Where Have All the Rivers Gone?* Worldwatch Institute. Washington DC, USA.

POSTEL, S.L. 2000. Entering an era of water scarcity: the challenges ahead. *Ecological Applications* 10: 941-948.

PRIEDE, I.G. 1980. An analysis of objectives in telemetry studies of fish in the natural environment. In: Arnlaner, C.J. and MacDonald D.W. (eds.) *A Handbook on Biotelemetry and Radio Tracking. Proceedings of an International Conference on Telemetry and Radio Tracking in Biology and Medicine*. 20- 22 March 1979, Oxford, UK. Pergamon Press. pp. 105-118.

RAMSEY, F.L. & USNER, D. 2003. Persistence and heterogeneity in habitat selection studies using radio telemetry. *Biometrics*. 59(2): 332-340.

RAUBENHEIMER, A.J., MIDGELEY, D.C. & VERY, W.J.H. 1985. Report of the Committee of Inquiry on the Water Supply for the Vaal River Area (Afrikaans). Pretoria: Department of Water Affairs.

REVENGA, C., BRUNNER, J., HENNINGER, N., PAYNE, R. & KASSEM, K. 2000. *Pilot Analysis of Global Ecosystems: Freshwater Systems*. World Resources Institute, Washington DC, USA.

ROCHE, P. 1999. The Argos data collection and location system - preparing for the future. In: *Program and Abstracts. International Symposium on Biotelemetry*. 9-14 May 1999, Juneau, Alaska, USA. pp. 36.

ROGERS, K.B. & WHITE, G.C. 2007. Analysis of movement and habitat use from telemetry data. In Brown, M. & Guy, C. (eds.) *Analysis and Interpretation of Freshwater Fisheries Data*, Chapter 14. *American Fisheries Society*, Bethesda, Maryland. pp. 625-676.

ROUX, F. 2006. Reproduction strategy of the smallscale yellowfish (*Labeobarbus polylepis*) and breeding behaviour in the Blyde and Spekboom rivers. Unpublished Masters of Science dissertation. University of Johannesburg. Aucklandpark.

SCHLOSSER, I.J. 1988. Predation risk and habitat selection by two size classes of a stream cyprinid: experimental test of a hypothesis. *Oikos* 52: 36-40.

SCOTT, W.B. & CROSSMAN, E.J. 1973. *Freshwater Fishes of Canada*. Ottawa: Fisheries Resource Board Canada. pp. 966.

SHRESTHA, T.K. 1997. *The Mahseer in the Rivers of Nepal Distributed by Dams and Ranching Strategies*. RK Printers, Teku, Kathmandu, Nepal. pp. 259.

SIH, A. 1993. Effects of ecological interactions on forager diets: competition, predation risk, parasitism and prey behaviour. In: Hughes, R.N. (ed.) *Diet Selection: An Interdisciplinary Approach to Foraging Behaviour*. Blackwell Scientific Publ., Oxford, UK. pp.182-211.

SKELTON, P. & BILLS, R. 2007. An introduction to African yellowfish. Technical report on the state of yellowfishes in South Africa. WRC Report KV 212/08. Water Research Commission, Pretoria, South Africa.

SKELTON, P.H. 2001. *A Complete Guide to the Freshwater Fishes of Southern Africa*. Struik Publishers, Cape Town, South Africa.

STADTLANDER, T., WEYL, O.L.F. & BOOTH, A.J. 2011. New distribution record for the Asian tapeworm *Bothriocephalus acheilognathi* Yamaguti, 1934 in the Eastern Cape Province, South Africa. *African Journal of Aquatic Science* 36(3): 339-343.

STASKO, A.B. & PINCOCK, D.G. 1977. Review of underwater biotelemetry with emphasis on ultrasonic techniques. *Journal of the Fisheries Research Board of Canada* 34: 1261-1285.

STØWER, T.E. 2013. Norwegian Meteorological Institute and Norwegian Broadcasting Corporation. Weather statistics for Klerksdorp, North-West (South Africa). http://www.yr.no/place/South_Africa/North-West/Klerksdorp/statistics.html. Date of access 17 April 2013.

STUART, I.G. & JONES, M.J. 2006. Movement of common carp, *Cyprinus carpio*, in a regulated lowland Australian river: implications for management. *Fisheries Management and Ecology* 13: 213-219.

TAYLOR, M. H. 1984. Lunar synchronization of fish reproduction. *Transactions of the American Fisheries Society* 113(4): 484-493.

THORSTAD, E.B., HAY, C.J., NAESJE, T.F. & ØKLAND, F. 2001. Movements and habitat utilisation of three cichlid species in the Zambezi River, Namibia. *Ecology of Freshwater Fish* 10: 238-246.

THORSTAD, E.B., HAY, C.J., NAESJE, T.F., CHANDA, B. & ØKLAND, F. 2003. Space use and habitat utilisation of tigerfish and the two cichlid species nembwe and threespot tilapia in the Upper Zambezi River. Implications for fisheries management. – NINA Project Report 24. pp. 23.

TÓMASSON, T. 1983. The Biology and Management Considerations of Abundant Large Cyprinids in Lake Le Roux, Orange River, South Africa. Ph.D. thesis, Rhodes University, Grahamstown, South Africa. pp. 218.

TÓMASSON, T., CAMBRAY, J. A. & JACKSON, P. B. N. 1984. Reproductive biology of four large riverine fishes (Cyprinidae) in a man-made lake, Orange River, South Africa. *Hydrobiologica* 112(3): 179-195.

TREFETHEN, P.S. 1956. Sonic equipment for tracking individual fish. Special Scientific Report of the U.S. Washington DC, USA. *Fish and Wildlife Services* 179: 1-11.

VAN AARDT, W.J. & ERDMANN, R. 2004. Heavy metals (Cd, Pb, Cu, Zn) in mudfish and sediments from three hard-water dams of the Mooi River catchment. pp. 218. Available at: <http://www.ajol.info/index.php/wsa/article/viewFile/5066/12657> Accessed on 9 June 2011.

VAN AS, J.G. & COMBRINCK, C. 1979. Die Invloed van Omgewingsfaktore op die Vertikale Verspreiding van die Cladocera en Copepoda in Boskopdam, Transvaal. Wetenskaplike Bydrae van die Potchefstroom Universiteit vir Christelike Hoër Onderwys. *Natuur Wetenskap* 95: 1-30.

VAN WYK, F. 2001. An Integrated Manual for the Management, Control and Protection of the Vaal River Barrage Reservoir. Unpublished M.Sc. Thesis. Rand Afrikaans University, Auckland Park, Johannesburg, South Africa.

VENDITTI, D.A. & RONDORF, D.W. 1999. Use of miniature, temperature sensing radio transmitters to estimate the thermal exposure of emigrating Snake river fall Chinook salmon. *Proceedings 15th International Symposium on Biotelemetry*. Juneau, Alaska, USA. pp. 34.

VENTER, J.A., FOUCHÉ, P.S.O., VLOK, W., MOYO, N.A.G., THERON, S. and GROBLER, P. 2009. Background Report: Southern barred minnow (*Opsaridium peringueyi*). *WRC deliverable report*. Water Research Commission. Pretoria.

VÖRÖSMARTY, C.J., SHARMA, K.P., FEKETE, B.M., COPELAND, A.H., HOLDEN, J., MARBLE, J. & LOUGH, J.A. 1997. The storage and aging of continental runoff in large reservoir systems of the world. *Ambio* 26(4): 210-219.

WALTON, I. & COTTON, C. 1921. *The Compleat Angler or the Contemplative Man's Recreation*, with an introduction and bibliography by R. B. Marston. Oxford University Press, London.

WEBB, P.W. & SKADSEN, J.M. 1980. Strike tactics of *Esox*. *Canadian Journal Zoology* 58: 1462-1469.

WERNER, E.E., GILLIAM, J.F., HALL, D.J. & MITTLEBACH, G.G. 1983. An experimental test of the effects of predation risk on habitat use in fish. *Ecology* 64: 1540-1548.

WHITFIELD, A.K. & ELLIOTT, M. 2002. Fishes as indicators of environmental and ecological changes within estuaries: a review of progress and some suggestions for the future. *Journal of Fish Biology* 61: 229-250.

WINTER, J. 1996. Advances in underwater biotelemetry. In: Fisheries Techniques. (eds. BR Murphy and DW Willis), 2nd edition. American Fisheries Society, Bethesda, Maryland. pp. 555-590.

WMO (World Meteorological Organisation) (1997). *Comprehensive Assessment of the Freshwater Resources of the World*. World Meteorological Organization, Geneva, Switzerland.

WOOTTON, R.J. 1984. Introduction: tactics and strategies in fish reproduction. In: Potts, G.W. and Wootton, R.J. (eds.) *Fish Reproduction. Strategies and Tactics*. Academic Press, London, UK. pp. 1-12.

WRI (World Resources Institute). 2008. *Water Scarcity: Private Investment Opportunities in Agricultural Water Use Efficiency*. Rabobank International, F&A Research and Advisory, Meridian Institute.