This document lists the scientific output of the Fisheries Management Branch for 2017, arranged by output category. Figures in brackets represent the output for 2016, and are included for comparison. In the category ‘peer-reviewed publications’ there were 35 (39) papers, a slight decrease compared with the previous year. There were 3 (0) documents in the category ‘theses/dissertations/tertiary projects’, only one of which was DAFF-authored but all of which were DAFF-supervised. There were 7 (2) documents in the category ‘book chapters, published reports and popular articles’, three of which were reports published in the ICCAT series Collective Volume of Scientific Papers. There were 80 (48) ‘contributions to symposia and conferences, and public presentations’, a substantial increase compared with 2016. This increase is explained largely by contributions to two local symposia, the 16th Southern African Marine Science Symposium (SAMSS), held from 4–7 July 2017 in Port Elizabeth (31 presentations), and the Annual International Conference and Exposition of the World Aquaculture Society, held from 26–30 June 2017 in Cape Town (22 presentations). There were 30 (26) ‘contributions to workshops and management and scientific bodies, and unpublished technical reports’. Finally, there were 51 (83) unpublished working group documents. This last category represents the output of the research component of the Branch in terms of its line function to provide scientific advice for resource management.


**Theses/Dissertations/Tertiary Projects**


Coetzee V. 2017. First Remotely Operated Vehicle survey of deep ichthyofaunal communities in the Amathole region of South Africa. BSc (Hons) thesis. University of Cape Town, South Africa. Supervisors: Kerwath SE, Parker D

Ntiyatya D. 2017. Factors influencing infection indices of west coast redeye *Etrumeus whiteheadi* by a digenetic “tetracotyle” type metacercarial parasite in South Africa. BTech, Cape University of Technology, Cape Town, South Africa. Supervisors: Shabangu FW, van der Lingen CD

**Book Chapters, Published Reports and Popular Articles**


**Contributions to Symposia and Conferences, and Public Presentations**


Davids A, Leslie RW, Gibbons MJ. 2017. Distributional overlap between two squaloid sharks, *Squalus acutipinnis* and *Squalus mitsukurii*, caught as bycatch off the coast of South Africa. 16th *Southern African Marine Science Symposium (SAMSS)*, 4–7 July 2017, Port Elizabeth, South Africa. (oral presentation)

Davids A, Smale MJ, Leslie RW, Gibbons MJ. 2017. The dietary habits of sympatric dogfish *Squalus acutipinnis* and *Squalus mitsukurii* caught as bycatch off the coast of South Africa. 4th *South African Sharks and Rays Symposium*, 10–13 September 2017, Hermanus, South Africa. (oral presentation)


Dyer A, Götz A, Bernard A, Kerwath SE. 2017. Disentangling the influence of spatial and environmental processes in
structuring warm-temperate reef fish communities. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (oral presentation)

Emanuel MP, Pillay D, van der Merwe M, Auerswald L. 2017. Warming effects on high shore soft sediment ecosytems: the interactive role of autogenic engineering and grazing. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (oral presentation)


Fleischman MJ, Bolton JJ, Rothman MD. Cultivating Macrocystis pyrifera (Laminariales) ‘angustifolia’ ecomorph for abalone feed, through holdfast fragmentation and vegetative propagation. 30th Congress of the Phycological Society of Southern Africa, 12–16 January 2017, De Hoop, South Africa. (oral presentation)

Foord CJ, Coyne VE, Pitcher GC, Macey BM. Accumulation of Paralytic Shellfish Poisoning Toxin in the abalone Haliotis midae and potential vectors. The Annual International Conference and Exposition of the World Aquaculture Society, 26–30 June 2017, Cape Town, South Africa. (oral presentation)


Geja Y, van der Lingen C[D], van der Westhuizen J[J], Fairweather TP[I]. 2017. Spatio-temporal distribution of redeye roundherring (Etrumeus whiteheadi) catches by the small pelagic fishery off South Africa’s coast. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (poster presentation)


Hendricks J, Reed C[C], van der Lingen C[D]. 2017. Parasites infecting Scomber japonicus (chub mackerel) in South Africa. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (poster presentation)


Mackintosh A, Reed C[C], van der Lingen C[D]. 2017. Parasites of the South African angelfish, Brama brama
Mackintosh A, Reed C[1], van der Lingen C[2]. 2017. Preliminary investigation into the parasites infecting two species of gunnards off South Africa. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (poster presentation)


Nunkoo I, Weston M[1], Reed C[1], van der Lingen C[2], Kerwath S[1]. 2017. First investigation of parasites of oilfish Ruvettus pretiosus Cocco, 1829 (Perifromes: Gemphyidae) in South Africa. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (poster presentation)


Shabangu FW. 2017. Factors influencing acoustic attenuation at 38 kHz by wind-induced air bubbles: a model-
ling approach. Underwater Acoustics Conference and Exhibition (UACE), 3–8 September 2017, Skiathos, Greece. (oral presentation)


van der Lingen CD[D], Coetzee J, Yemane D. 2017. Abundance, distribution and environmental drivers of sardine and anchovy off South Africa. Special session on tracking marine top predators for the identification of ecologically important areas. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (oral presentation)

van der Lingen CD[D], Miller T. 2017. Interspecific, ontogenetic, spatial and temporal variability in nitrogen and carbon stable isotope ratios of small pelagic fish off South Africa. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (oral presentation)

Vaughan DB, Christison KW. 2017. The first African record for Anoplognathidae (Monogenea), and a new Anoplognathus species from Australia. 3rd International Congress on Parasites of Wildlife, 24–27 September 2017, Kruger National Park, Skukuza, South Africa. (poster presentation)


Weston MJ[J], Reed CJ[C], van der Lingen CD[D]. 2017. Investigating trophic interactions between parasites and their hosts. 16th Southern African Marine Science Symposium (SAMSS), 4–7 July 2017, Port Elizabeth, South Africa. (oral presentation)


Contributions to Workshops and Management and Scientific Bodies; Unpublished Technical Reports


Githaiga-Mwicigi JM. 2017. Incorporating fisheries into the Climate Change Adaptation and Mitigation Plan for DAFF.


Pitcher GC. 2017. Coastal observations for aquaculture. G7 Future of the Seas and Oceans Action 4: co-design a cost-effective, sustainable system for coastal ocean observing in developing countries, June 2017, Trieste, Italy.


Unpublished Working Group Documents


Fairweather TP. 2017. Updated commercial catch at length (CAL) for hake from samples collected at processing facilities 2005–2016 (with associated MS Excel file containing the required data). FISHERIES/2017/SEP/SWG-DEM/38. Department of Agriculture, Forestry and Fisheries, Cape Town.


Githaiga-Mwicigi JM. 2017. Climate change adaptation options and prioritization for the squid resource. FISHERIES/2017/MAY/OFF/SW/DEMR/06. Department of Agriculture, Forestry and Fisheries, Cape Town.


Githaiga-Mwicigi JM, Lambeth SJ, van der Lingen C[D], Pitcher GC, Pretorius M. 2017. Updating the adaptation options and priorities for all inshore fisheries, including marine aquaculture FISHERIES/2017/MAY/FCCT/06. Department of Agriculture, Forestry and Fisheries, Cape Town.


Glazer JP. 2017. South Coast rock lobster standardized CPUE indices per area. FISHERIES/2017/AUG/SWG-SCHR/01. Department of Agriculture, Forestry and Fisheries, Cape Town.


in the demersal and line fisheries. FISHERIES/2017/OCT/SWG-DEM/45. Department of Agriculture, Forestry and Fisheries, Cape Town.


van der Lingen CD, McGrath A. 2017. Incorporating seasonality in sardine spawning into estimations of the transport success of eggs spawned on the South Coast to the West Coast nursery area. FISHERIES/FEB/2017/SWG-PEL/08. Department of Agriculture, Forestry and Fisheries, Cape Town.


