Students and postdocs from my lab are in bold.

- 266. **Pidd AM**, Schoeman DS, <u>Richardson AJ</u>, Scales KL (in press, 8/9/2025) Climate refugia could disappear from Australia's marine protected areas by 2040. *Earth's Future*
- 265. **Neubert S**, McGowan J, Metcalfe K, Hanson JO, **Buenafe KCV**, **Dabalà A**, Dunn DC, **Everett JD**, Possingham H, Stelzenmüller V, Ervin J, <u>Richardson AJ</u> (in press, 5/9/2025) Multiple-use spatial planning for sustainable development and conservation. *Trends in Ecology and Evolution*
- 264. **Blanluet A**, Game ET, **Neubert S**, **Everett JD**, Pollock K, Wolf NH, <u>Richardson AJ</u> (2025) Drifting fish aggregation devices as a tool to study oceanic marine protected areas. *Fisheries Research* 289 (107474). 9 pp. https://doi.org/10.1016/j.fishres.2025.107474
- 263. Grigoratou M, Menden-Deuer S, McQuatters-Gollop A, Arhonditsis G, Artigas LF, Ayata S-D, Bedikoğlu D, Beisner BE, Chen B, Davies C, Diarra L, Elegbeleye OW, Everett JD, Garcia TM, Gentleman WC, Gonçalves RJ, Guy-Haim T, Halfter S, Hinners J, Horaeb RR, Huggett JA, Johnson CL, Kavanaugh MT, Lara-Lopez A, Lindemann C, López-Abbate C, Messié M, Möller KO, Montes E, Muller-Karger F, Neeley A, Olaleye Y, Palacz AP, Poulton AJ, Frederike Prowe AE, Ratnarajah L, Rodríguez L, Rodríguez-Flórez CN, Rodriquez-Santiago A, Rousseaux CS, Saad JF, Santi I, Soccodato A, Stern R, Våge S, Varkitzi I, Richardson A (2025) The immeasurable value of plankton to humanity. BioScience 75(9): 706-721. https://doi.org/10.1093/biosci/biaf049
- 262. Batten S, Chiba S, Pitois S, **Richardson AJ**, Sastri A, Swadling K (in press, 18/6/2025) The need for sustained and enhanced international research efforts on zooplankton production. The 7th International Zooplankton Production Symposium. *ICES Journal of Marine Science* 82(7). 4 pp. https://doi.org/10.1093/icesjms/fsaf108
- 261. **Rohner CA**, <u>Richardson AJ</u>, García-Rodriguez E, Charles R, Batlle Morera A, Bortoluzzi J, Mouton TL, Notarbartolo di Sciara G, <u>Armstrong A</u>, <u>Everett JD</u>, Bakiu R, Barash A, Bariche M, Başusta N, Bousquet C, Ćetković I, Giovos I, Guallart J, Milazzo M, Morey G, Naasan R, Spyridopoulou A, Niedermuller S, Serena F, Shakman E, Soldo A, Jabado RW (2025) Important Shark and Ray Areas can inform conservation planning in the Mediterranean and Black Seas. *iScience* 28(8): 113192.17 pp. https://doi.org/10.1016/j.isci.2025.113192
- 260. **Buenafe KCV**, **Neubert S**, Scales KL, Dunn DC, **Everett JD**, Flower J, Suthers IM, Granados-Dieseldorff P, **Dabalà A**, **Esturas KJT**, Mercer J, <u>Richardson AJ</u> (2025) Near-global spawning strategies of large pelagic fish. *Nature Communications* 16(8146). 16 pp. https://doi.org/10.1038/s41467-025-63106-w
- 259. Sequeira AMM et al. + 376 authors including <u>Richardson AJ</u> (2025) Global tracking of marine megafauna space use reveals how to achieve conservation targets. *Science* 388(6751): 1086-1097. https://doi.org/10.1126/science.adl0239
- 258. **Buenafe KCV**, Dunn DC, Metaxas A, **Everett, JD**, Schoeman DS, **Pidd A**, **Brito-Morales I**, Hanson JO, Kim SW, Scales KL, <u>Richardson AJ</u> (2025) Current approaches and future opportunities in designing climate-smart protected areas. *Nature Reviews Biodiversity* https://doi.org/10.1038/s44358-025-00041-0
- 257. Dornelas et al. (486 authors including **Richardson AJ**) (2025) BioTIME 2.0: expanding and improving a database of biodiversity time series. *Global Ecology and Biogeography*. 34:e70003: 1-18. https://doi.org/10.1111/geb.70003
- 256. Eddy TD, **Heneghan RF**, Bryndum-Buchholz A, Fulton EA, Harrison CS, Tittensor DP, Lotze HK, Ortega-Cisneros K, Novaglio C, Bianchi D, Büchner M, Bulman C, Cheung WWL, Christensen V, Coll M, **Everett JD**, Fierro-Arcos D, Galbraith ED, Gascuel D, Guiet J, Mackinson S, Maury O, Niiranen S, Oliveros-Ramos R, Palacios-Abrantes J, Piroddi C, du Pontavice H, Reum J, **Richardson AJ**, Schewe J, Shannon L, Shin Y-J, Steenbeek J, Volkholz J, Walker ND, Woodworth-Jefcoats P, Blanchard JL (2025) Global and regional marine ecosystem models reveal key uncertainties in climate change projections. *Earth's Future* 13: e2024EF005537. 23 pp. http://dx.doi.org/10.1029/2024EF005537
- 255. **Murphy K**, Fierro-Arcos D, Rohr T, Green D, Novaglio C, Baker K, Ortega-Cisneros K, Eddy TD, Harrison C S, Hill S L, Keith P, Cataldo-Mendez C, Petrik C M, Pinkerton M, Spence P, Stollberg I, Subramaniam R C, Trebilco R, Tulloch V, Abrantes JP, Bestley S, Bianchi D, Boyd P, Buchanan PJ, Bryndum-Buchholz A, Coll M, Corney S, Datta S, **Everett JD**, Forestier R, Fulton E A, Guibourd de Luzinais V, Heneghan R, Mason J G, Maury O, McMahon CR, Murphy E, <u>Richardson AJ</u>, Tittensor DP, Spillias S, Steenbeek J, Veytia D, and Blanchard J (2025) Addressing key uncertainties to develop a climate-ready Southern Ocean Marine

- Ecosystem Model Ensemble (SOMEME). *Earth's Future* 13: e2024EF004849. 25 pp. https://doi.org/10.1029/2024EF004849
- 254. Pigot AL, Dee L, <u>Richardson AJ</u>, Alexander J, Cooper D, Eisenhauer N, Gregory RD, Lewis S, Macgregor CJ, Massimino D, Maynard D, Phillips HRP, Rillo M, Loreaur M, Haegeman B (2025) Macroecological rules predict how biomass scales with species richness in nature. *Science* 387 (6740): 1272-1276. https://doi.org/10.1126/science.adq3278
- 253. <u>Richardson AJ</u>, Buenafe KCV (2025) A deep dive into climate connectivity. News & Views. *Nature Climate Change*. 2 pp. https://doi.org/10.1038/s41558-025-02253-w

- 252. Giakoumi S, <u>Richardson AJ</u>, Doxa A, Moro S, Andrello M, Hanson JO, Hermoso V, <u>Mazor T</u>, McGowan J, Kujala H, Law E, Álvarez-Romero JG, Magris RA, Gissi E, Arafeh-Dalmau N, Metaxas A, Virtanen E, Ban NC, Runya RM, Dunn DC, Fraschetti S, Galsparsoro I, Smith RJ, Bastardie F, Stelzenmüller V, Possingham HP, Katsenevakis S (2024) Advances in systematic conservation planning concepts, tools and methods. *Trends in Ecology and Evolution*. 16 pp. https://doi.org/10.1016/j.tree.2024.12.002
- 251. Sequeira AMM et al. with ~300 authors including <u>Richardson AJ</u> (in press, 22/10/2024) Vulnerability of marine megafauna to global at-sea anthropogenic threats. *Conservation Biology*
- 250. Reynolds SD, Franklin CE, Norman BM, <u>Richardson AJ</u>, Everett J, Schoeman DS, White CR, <u>Lawson C</u>, Pierce SJ, <u>Rohner CA</u>, Bach SS, Comezzi FG, Diamant S, Jaidah MY, Robinson DP, Dwyer RG (2024) Effects of climate warming on energetics and habitat of the world's largest marine ectotherm. *Science of the Total Environment*. https://doi.org/10.1016/j.scitotenv.2024.175832
- 249. **Fleury AG**, O'Hara CC, Butt N, **Restrepo J**, Halpern BS, Klein CJ, Wenger A, Kuempel CD, Gaynor KM, Bentley LK, <u>Richardson AJ</u>, Dunn DC (in press, 13/6/2024) Spatial and life history variation in a trait-based vulnerability and impact model. *PLoS One* 19(6). e0305950. 16 pp. https://doi.org/10.1371/journal.pone.0305950
- 248. Holden MH, Plaganyi E, Fulton EA, Campbell A, Janes R, Lovett RA, Wickens M, Adams MP, Botelho LL, Dichmont CM, Erm P, Hemstedt KJ, **Heneghan RF**, Mendiolar M, <u>Richardson AJ</u>, Rogers JGD, Saunders K, Timms L (2024) Cost—benefit analysis of ecosystem modeling to supportfisheries management. *ICES Journal of Marine Science*. 2024: 1-8. http://doi.org/10.1111/jfb.15741
- 247. Rohr T, <u>Richardson AJ</u>, Lenton A, Chamberlain M, Shadwick E (2024) The Global Distribution and Drivers of Grazing Dynamics Estimated from Inverse Modelling. *Geophysical Research Letters*. 12 pp. 51, e2023GL107732. https://doi.org/10.1029/2023GL107732
- 246. **Fourchault L**, Dahdouh-Guebas F, Dunn DC, **Everett JD**, Hanson JO, **Buenafe KCV**, **Neubert S**, **Dabalà A**, Yapa KKAS, Cannicci S, <u>Richardson AJ</u> (2024) Generating affordable protection of high seas biodiversity through cross-sectoral spatial planning. *One Earth* 7: 253-264. https://doi.org/10.1016/j.oneear.2023.12.006
- 245. **Blanluet A**, Game E, Dunn DC, **Everett JD**, Lombard AT, <u>Richardson AJ</u> (2024). Evaluating ecological benefits of oceanic protected areas. *Trends in Ecology and Evolution* 39(2): 175-187. https://doi.org/10.1016/j.tree.2023.09.003
- 244. Dalpadado P, Koll Roxy MK, Arrigo KR, van Dijken GL, Chierici M, Ostrowski M, Skern-Mauritzen R, Bakke G, <u>Richardson AJ</u>, Sperfeld E (2024) Rapid climate change alters the environment and biological production of the Indian Ocean. *Science of the total Environment* 906: 167242. 15 pp. https://doi.org/10.1016/j.scitotenv.2023.167342

- 243. **Murphy KJ**, Pecl GT, **Everett JD**, **Heneghan RF**, Richards SA, <u>Richardson AJ</u>, Semmens JM, Blanchard JL (2023) Improving the biological realism of predator—prey size relationships in food web models alters ecosystem dynamics. *Biology Letters* 19: 20230142. 6 pp. https://doi.org/10.1098/rsbl.2023.01422
- 242. **Dabalà A**, Dahdouh-Guebas F, Dunn DC, **Everett JD**, Lovelock CE, Hanson JO, **Buenafe KCV**, **Neubert S**, **Richardson AJ** (2023) Priority areas to protect mangroves and maximise ecosystem benefits. *Nature Communications*. 14: 5863. 14 pp. https://doi.org/10.1038/s41467-023-41333-3
- 241. Lilly L, **Everett JD**, Suthers IM, <u>Richardson AJ</u> (2023) A global review of pyrosomes: Shedding light on the ocean's elusive "fire-bodies". *Limnology and Oceanography Letters* 8: 812-829. https://doi.org/10.1002/lol2.10350

- 240. Grutter AS, **Nishikawa N**, Uribe-Palomino J, **Richardson AJ** (2023) Corrigendum: Cleaner fish *Labroides dimidiatus* presence does not indirectly affect demersal zooplankton. *Frontiers in Marine Science*. 2 pp https://doi.org/10.3389/fmars.2023.1227211
- 239. Rohr T, **Richardson AJ**, Lenton A, Shadwick E, Chamberlain M (2023) Zooplankton grazing is the largest source of uncertainty in marine carbon cycling in CMIP6 IPCC. *Communications Earth & Environment* 4(212). 22 pp. https://doi.org/10.1038/s43247-023-00871-w
- 238. Jaspers C, **Everett JD**, Hopcroft RR, Lombard F, López-Urrutia A, Kiørboe T, <u>Richardson AJ</u> (2023) Gelatinous larvacean zooplankton can enhance trophic transfer and carbon sequestration. *Trends in Ecology and Evolution* 38(10): 980-993. https://doi.org/10.1016/j.tree.2023.05.005
- 237. Schoeman DS, Sen-Gupta A, Harrison CS, **Everett JD**, **Brito-Morales I**, Hannah L, Bopp L, Roehrdanz P, **Richardson AJ** (2023). Demystifying global climate models for use in the life sciences. *Trends in Ecology and Evolution* 38(9): 843-858. https://doi.org/10.1016/j.tree.2023.04.005
- 236. **Berry TE**, **Coghlan ML**, Saunders BJ, Jarman S, Power M, <u>Richardson AJ</u>, Davies C, Berry O, Bunce M (2023) A 3-year plankton DNA metabarcoding survey reveals marine biodiversity patterns in Australian coastal waters. *Diversity and Distributions* 29: 862-878. https://doi.org/10.1111/ddi.13699
- 235. **Buenafe KCV**, Dunn DC, **Everett JD**, **Brito-Morales I**, Schoeman DS, Hanson JO, **Dabalà A**, **Neubert S**, Cannicci S, <u>Richardson AJ</u> (2023) A metric-based framework for climate-smart conservation planning. *Ecological Applications*. e2852, 29 pp. https://doi.org/10.1002/eap.2852
- 234. **Heneghan RF, Everett JD**, Blanchard JL, **Sykes P**, <u>Richardson AJ</u> (2023) Climate-driven zooplankton shifts cause large-scale declines in food quality for fish. *Nature Climate Change* 13: 470-477. https://doi.org/10.1038/s41558-023-01630-7
- 233. Doni L, Oliveri C, Lasa A, di Cesare A, Losaaso C, Martinez-Urtaza J, Coman F, <u>Richardson AJ</u>, Vezzulli L (2023) Large-scale impact of the 2016 Marine Heatwave on the plankton-associated microbial communities of the Great Barrier Reef (Australia). *Marine Pollution Bulletin* 188: 1-10. https://doi.org/10.1016/j.marpolbul.2023.114685
- 232. **Menesch J**, Godde C, Venables W, Renard D, <u>Richardson AJ</u>, Cobelli O, Waha K (2023) Agricultural diversification for crop yield stability: a smallholder adaptation strategy to climate variability in Ethiopia. *Regional Environmental Change* 23:34. 1-15. https://doi.org/10.1007/s10113-022-02021-y
- 231. Ratnarajah L, Abu-Alhaija R, Atkinson A, Batten S, Bax NJ, Bernard K, Canonico G, Cornils A, **Everett JD**, Grigoratou M, Ishak NHA, Johns D, Lombard F, Muxagata E, Ostle C, Pitois S, <u>Richardson AJ</u>, Schmidt K, Stemmann L, Swadling KM, Yang G, Yebra L (2023) Monitoring and modelling marine zooplankton in a changing climate. *Nature Communications* 14(564): 1-17. https://doi.org/10.1038/s41467-023-36241-5
- 230. Halpern BS et al. and 116 co-authors including <u>Richardson AJ</u> (2023) Priorities for synthesis research in ecology and environmental science. *Ecosphere* 14(1): e4342. https://doi.org/10.1002/ecs2.4342
- 229. **Li X-Y**, Yu R-C, <u>Richardson AJ</u>, Sun C, Eriksen R, Kong F-Z, Zhou Z-X, Geng H-X, Zhang Q-C, Zhou M-J (2023) Marked shifts of harmful algal blooms in the Bohai Sea linked with combined impacts of environmental changes. *Harmful Algae* 121(102370). 11 pp. https://doi.org/10.1016/j.hal.2022.102370

- 228. Sun C, Hobday AJ, Condie SA, Baird M, Eveson JP, Hartog JR, Richardson AJ, Steven ADL, Wild-Allen K, Yang D, Yu R, Babcock RC, Mongin M (2022) Ecological forecasting and operational information systems to support sustainable ocean development. *Ecological Applications* 4: 1051-1079. https://doi.org/10.3390/forecast4040057
- 227. Leslie RW, <u>Richardson AJ</u>, Lipinski MR (2022) Description and morphological assessment of *Sepia typica* (Steenstrup, 1875) `(Cephalopoda: Sepiidae). *Diversity* 14(1073). 31 pp. https://doi.org/10.3390/d14121073
- 226. Petrik CM, Luo JY, **Heneghan RF**, **Everett JD**, Harrison CS, <u>Richardson AJ</u> (2022) Assessment and constraint of mesozooplankton in CMIP6 Earth system models. *Global Biogeochemical Cycles 36*, e2022GB007367. 25 pp. https://doi.org/10.1029/2022GB007367
- 225. Rohr T, <u>Richardson AJ</u>, Lenton A, Shadwick E, Chamberlain M (2022) Recommendations for the formulation of grazing in marine biogeochemical and ecosystem models. *Progress in Oceanography* 208(102878). 27 pp. https://doi.org/10.1016/j.pocean.2022.102878

- 224. **Buenafe KCV**, **Everett JD**, Dunn DC, Mercer J, Suthers IM, Schilling HT, **Dabalà A**, <u>Richardson AJ</u> (2022) A global, historical database of tuna, billfish, and saury larval distributions. *Scientific Data* 9: 423, 9 pp. https://doi.org/10.1038/s41597-022-01528-7
- 223. Davies CH, Beckley LE, <u>Richardson AJ</u> (2022) Copepods and mixotrophic Rhizaria dominate zooplankton abundances in the oligotrophic Indian Ocean. *Deep Sea Research Part II* 202: 105136. 11 pp. https://doi.org/10.1016/j.dsr2.2022.105136
- 222. Boss E, Waite A, Kartensen J, Trull T, Muller-Karger F, Sosik HM, Uitz J, Acinas SG, Fennel K, Berman-Frank I, Thomalla S, Yamazaki H, Batten S, Gregori G, <u>Richardson AJ</u>, Wanninkhof R (2022) Recommendations for plankton measurements on OceanSITES moorings with relevance to other observing sites. *Frontiers in Marine Science* 9: 929436. 1-16. https://doi.org/10.3389/fmars.2022.929436
- 221. Andrzejaczek S et al. with 171 other authors including <u>Richardson AJ</u> (2022) Diving into the vertical dimension of elasmobranch movement ecology. *Science Advances* 8: 1-19. https://doi.org/10.1126/sciadv.abo1754
- 220. Grutter AS, **Nishikawa N**, Uribe Palomino J, <u>Richardson AJ</u> (2022) Cleaner fish *Labroides dimidiatus* presence does not indirectly affect demersal zooplankton. *Frontiers in Marine Science* 9: 812989. p. 1-17. https://doi.org/10.3389/fmars.2022.812989
- 219. Herbert-Read JE, Thornton A, Amon DJ, Birchenough SNR, Côté IM, Dias MP, Godley BJ, Keith SA, McKinley E, Peck LS, Calado R, Defeo O, Degraer S, Johnston EL, Kaartokallio H, Macreadie P, Metaxas A, Muthumbi AWN, Obura DO, Paterson DM, Piola AR, Richardson AJ, Schloss IR, Snelgrove PVR, Stewart BD, Thompson PM, Watson GJ, Worthington TA, Yasuhara M, Sutherland WJ (2022) A Horizon Scan of issues of global concern for marine and coastal biodiversity conservation. Nature Ecology and Evolution 6: 1262-1270. https://doi.org/10.1038/s41559-022-01812-0
- 218. Cooley S, Schoeman D, Bopp L, Boyd P, Donner S, Ito S-i, Kiessling W, Martinetto P, Ojea E, Racault M-F, Rost B, Skern-Mauritzen M, Yemane Ghebrehiwet D, Bell J, Blanchard J, Bolin J, Cheung W, Cisneros-Montemayor A, Dupont S, Dutkiewicz S, Frölicher T, Gaitán-Espitia JD, García Molinos J, Gurney-Smith H, Henson S, Hidalgo M, Holland E, Kopp R, Kordas R, Kwiatkowski L, Le Bris N, Lluch-Cota S, Logan C, Mark F, Mgaya Y, Moloney C, Muñoz Sevilla N, Randin G, Raja N, Rajkaran A, Richardson AJ, Roe S, Ruiz Diaz R, Salili D, Sallée J-B, Scales K, Scobie M, Simmons C, Torres O, Yool A (2022) Oceans and Coastal Ecosystems and their Services. In: Climate Change 2022: Impacts, Adaptation, and Vulnerability. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [H.-O. Pörtner, D.C. Roberts, M. Tignor, E.S. Poloczanska, K. Mintenbeck, A. Alegría, M. Craig, S. Langsdorf, S. Löschke, V. Möller, A. Okem, B. Rama (eds.)]. Cambridge University Press. https://doi.org/10.1017/9781009325844.005
- 217. Womersley FC, Humphries NE, Queiroz N, Vedor M, da Costa I, Furtado M, Abrantes K, Araujo G, Bach SS, Barnett A, Berumen ML, Bessudo Lion S, Braun CD, Clingham E, Cochran JEM, de la Parra R, Diamant S, Dove ADM, Dudgeon CL, Erdmann MV, Espinoza E, Fitzpatrick R, González Cano J, Green JR, Guzman HM, Hardenstine R, Hasan A, Hazin FHV, Hearn AR, Hueter RE, Jaidah MY, Labaja J, Macena BCL, Morris Jr. JJ, Norman BM, Peñaherrera-Palma C, Pierce SJ, Ramírez-Macías D, Reynolds SD, Richardson AJ, Robinson DP, Rohner CA, Rowat DRL, Sheaves M, Shivji MS, Sianipar AB, Skomal GB, Syakurachman I, Thorrold SR, Tyminski JP, Webb DH, Wetherbee BM, White TD, Clavelle T, Thums M, Meekan MG, Arrowsmith L, Lester EK, Meyers MM, Peel LR, Sequeira AMM, Eguiluz VM, Duarte CM, Sousa LL, Sims DW (2022) Tracking global collision-risk hotspots of marine traffic and the world's largest fish. Proceedings of the National Academy of Science 119(20): 1-10. https://doi.org/10.1073/pnas.2117440119
- 216. **Brito-Morales I**, Schoeman DS, Klein C, **Everett J**, Dunn D, Garcia Molinos JM, **Buenafe KCV**, **Dominguez R**, Possingham H, <u>Richardson AJ</u> (2022) Towards climate-smart, three-dimensional protected areas for biodiversity conservation in the high seas. *Nature Climate Change* 12: 402-407. https://doi.org/10.1038/s41558-022-01323-7
- 215. **Lawson CL**, **Dudgeon CL**, **Richardson AJ**, Broadhurst MK, Bennett MB (2022) Flexibility for fuelling reproduction in a pelagic ray (*Mobula eregoodoo*) suggested by bioenergetic modelling. *Journal of Fish Biology* 100: 783-792. https://doi.org/10.1111/jfb.14995
- 214. Grigoratou M, Muller-Karger F, Montes E, <u>Richardson AJ</u>, <u>Everett JD</u>, Acevedo-Trejos E, Anderson C, Chen B, Guy-Haim T, Hinners J, Lindemann C, Martins Garcia T, Ove Möller K, Meline Monteiro F, Neeley AR, O'Brien TD, Palacz AP, Poulton AJ, Prowe AEF, Rodríguez-Santiago AE, Rousseaux CS, Runge J, Saad JF, Santi I, Stern R, Soccodato A, Vage S, Vogt M, Zervoudaki S (2022) The MBON plankton workshops:

- Plankton ecosystem function, biodiversity, and forecasting research requirements and applications. Limnology and Oceanography Bulletin 31(1): 22-26. https://doi.org/10.1002/lob.10479
- 213. Stern R, Schroeder D, Highfield A, Al-Kari M, Vezzulli L, <u>Richardson AJ</u> (2022) Chapter 2. Uses of molecular taxonomy in identifying phytoplankton communities from the Continuous Plankton Recorder Survey. In *Advances in Phytoplankton Ecology*. Editors: Clementson L, Anusuya W, Eriksen R, Elsevier. pp. 47-79. https://doi.org/10.1016/B978-0-12-822861-6.00009-1
- 212. Reynolds SD, Norman BM, Franklin CE, Bach SS, Comezzi FG, Diamant S, Jaidah MY, Pierce SJ, <u>Richardson AJ</u>, Robinson DP, Rohner CA, Dwyer RG (2022) Regional variation in anthropogenic threats to Indian Ocean whale sharks. *Global Ecology and Conservation* 33: e01961. pp. 1-14. https://doi.org/10.1016/j.gecco.2021.e01961
- 211. Suthers IM, White Z, Hinchliffe C, Falster DS, <u>Richardson AJ</u>, Everett JD (2022) The Mortality/Growth ratio of larval fish, and the slope of the zooplankton size spectrum. *Fish and Fisheries* 23: 750-757. https://doi.org/10.1111/faf.12633

- 210. <u>Richardson AJ</u>, Eriksen R, Hallegraeff GM, Rochester W, Pitcher G, Burford M (2021) Chapter 2. Observing changes in harmful algal blooms over time: long-term observations for studying impacts from climate change. pp. 13-35. *GlobalHAB Scientific Committee (2021). Guidelines for the Study of Climate Change Effects on HABs*. Paris, UNESCO-IOC/SCOR. (IOC Manuals and Guides no 88). Editors: Wells ML, Burford M, Kremp A, Montresor M and Pitcher GC. https://doi.org/10.25607/OBP-1692
- 209. Zingone A, Escalera L, Bresnan E, Enevoldsen H, Provoost P, <u>Richardson AJ</u>, Hallegraeff G (2021) Chapter 5: Datasets for the study of harmful algae, their global distribution and trends. pp. 79-103. *GlobalHAB Scientific Committee (2021)*. *Guidelines for the Study of Climate Change Effects on HABs*. Paris, UNESCO-IOC/SCOR. (IOC Manuals and Guides no 88). Editors: Wells ML, Burford M, Kremp A, Montresor M and Pitcher GC. https://doi.org/10.25607/OBP-1692
- 208. Tittensor DP, Novaglio C, Harrison CS, Heneghan RF, Barrier N, Bianchi D, Bopp L, Bryndum-Bucholz A, Britten GL, Büchner M, Cheung WWL, Christensen V, Coll M, Dunne JP, Eddy TD, Everett JD, Fernandes-Salvador JA, Fulton EA, Galbraith ED, Gascuel D, Guiet J, John JG, Link JS, Lotze HK, Maury O, Ortega-Cisneros K, Palacios-Abrantes J, Petrik CM, du Pontavice H, Rault J, Richardson AJ, Shannon L, Shin Y-J, Steenbeek J, Stock CA, Blanchard JL (2021) Next-generation ensemble projections reveal higher climate risks for marine ecosystems. Nature Climate Change 11: 973-981. https://doi.org/10.1038/s41558-021-01173-9
- 207. **Heneghan RF**, Galbraith E, Blanchard JL, Harrison C, Barrier N, Bulman C, Cheung W, Coll M, Eddy TD, Erauskin-Extramiana M, **Everett JD**, Fernandes-Salvador JA, Gascuel D, Guiet J, Maury O, Palacios-Abrantes J, Petrik CM, du Pontavice H, **Richardson AJ**, Steenbeek J, Tai TC, Volkholz J, Woodworth-Jefcoats PA, Tittensor DP (2021) Disentangling diverse responses to climate change among global marine ecosystem models. *Progress in Oceanography* 198(102659): 16 pp. https://doi.org/10.1016/j.pocean.2021.102659
- 206. **Armstrong AO**, Stevens GMW, Townsend KA, Murray A, Bennett MB, **Armstrong AJ**, Uribe-Palomino J, Hosegood P, **Dudgeon CL**, <u>Richardson AJ</u> (2021) Reef manta rays forage on tidally driven, high density zooplankton patches in Hanifaru Bay, Maldives. *PeerJ* 9:e11992 http://doi.org/10.7717/peerj.11992
- 205. Arafeh Dalmau N, **Brito-Morales I**, Schoeman DS, Klein CJ, **Richardson AJ**, Possingham H (2021) Incorporating climate velocity in marine spatial prioritization. *Methods in Ecology and Evolution* 12: 1969-1983. https://doi.org/10.1111/2041-210X.13675
- 204. Campbell MD, Schoeman DS, Venables W, Abu-Alhaija R, Batten SD, Chiba S, Coman F, Davies CH, Edwards M, Eriksen R, Everett JD, Fukai Y, Fukuchi M, Garrote OE, Hosie G, Huggett J, Johns DG, Kitchener JA, Koubbi P, McEnnulty F, Muxagata E, Ostle C, Robinson KV, Slotwinski A, Swadling K, Takahashi KT, Tonks M, Uribe-Palomino J, Verheye HM, Wilson W, Worship M, Yamaguchi A, Zhang W, Richardson AJ (2021) Testing Bergmann's Rule in marine copepods. Ecography 44: 1283-1295. https://doi.org/10.1111/ecog.05545
- 203. **Rohner CA**, Bealey R, Fulanda BM, <u>Richardson AJ</u>, Everett JD, Pierce SJ (2021) Movement ecology of black marlin *Istiompax indica* in the Western Indian Ocean. *Journal of Fish Biology* 99: 1044-1059. https://doi.org/10.1111/jfb.14809
- 202. Hallegraeff GM, Anderson DM, Belin B, Bottein M-Y, Bresnan E, Chinain M, Enevoldsen H, Iwataki M, McKenzie C, Sunesen I, Pitcher GC, Provoost P, <u>Richardson AJ</u>, Schweibold L, Tester PA, Trainer VL, Yñiguez

- AT, Zingone A (2021) Perceived global increase in algal blooms is attributable to intensified monitoring and emerging bloom impacts. *Communications Earth & Environment* 2(117): 1-10. https://doi.org/10.1038/s43247-021-00178-8
- 201. Costa MDP, Wilson KA, **Dyer PJ**, Muelbert JH, <u>Richardson AJ</u> (2021) Potential climate-induced shifts in marine fish larvae and harvested species communities in the Southwestern Atlantic Ocean. *Climatic change* 165(66): 1-21. https://doi.org/10.1007/s10584-021-03097-x
- 200. Chaudhary C, <u>Richardson AJ</u>, Schoeman DS, Costello MJ (2021) Global warming is causing a more pronounced dip in marine species richness around the equator. *Proceedings of the National Academy of Science* 118(15): 1-6. https://doi.org/10.1073/pnas.2015094118
- 199. Armstrong AO, Armstrong AJ, Bennett MB, Richardson AJ, Townsend KA, Everett J, Hays GC, Pederson H, Dudgeon CL (2021) Mutualism promotes site selection in marine megafauna. *Ecology and Evolution* 11(10): 5606-5623. https://doi.org/10.1002/ece3.7464
- 198. Uribe-Palomino J, Gastineau R, <u>Richardson AJ</u>, Wade NM, Whittock L, Hallegraeff GM (2021) New observations on the large hemidiscoid diatom *Palmerina ostenfeldii* and its symbiotic ciliate *Vaginicola collariforma* sp. nov. from subtropical Australian waters. *Diatom Research* 36(2): 75-91. https://doi.org/10.1080/0269249X.2021.1914737
- 197. Hinchliffe C, Smith JA, **Everett JD**, Falster DS, Lara-Lopez A, Miskiewicz AG, <u>Richardson AJ</u>, Schilling HT, Suthers IM (2021) Modelling the distribution of larval fish in a western boundary current using a multi-voyage database. *Reviews in Fish Biology and Fisheries* 31: 399-415. https://doi.org/10.1007/s11160-021-09647-x
- 196. Clementson LA, <u>Richardson AJ</u>, Rochester WA, Oubelkheir K, Liu B, D'Sa EJ, **Gusmão LFM**, Ajani P, Schroeder T, Ford PW, Burford M, Saeck E, Steven ADL (2021) Effect of a once in 100-year flood on a coastal phytoplankton community. *Frontiers in Marine Science* 8(580516): 1-20. https://doi.org/10.3389/fmars.2021.580516

- 195. Ajani PA, Davies CH, Eriksen RS, <u>Richardson AJ</u> (2020) Global warming impacts phytoplankton at a long-term Pacific Ocean coastal station. *Frontiers in Marine Science* 7(576011): 1-11. https://doi.org/10.3389/fmars.2020.576011
- 194. **Heneghan RF**, **Everett JD**, Blanchard J, **Sykes P**, Batten SD, Edwards M, Takahashi K, Suthers IM, Blanchard JL, <u>Richardson AJ</u> (2020) A global size-spectrum model that resolves zooplankton community composition. *Ecological Modelling* 435(109265): 1-18. https://doi.org/10.1016/j.ecolmodel.2020.109265
- 193. **Armstrong AJ**, **Armstrong AO**, McGregor F, <u>Richardson AJ</u>, Bennett MB, Townsend KA, Hays G, van Keulen M, Smith J, **Dudgeon CL** (2020) Photographic identification and satellite tagging reveals connectivity between two UNESCO World Heritage Areas for mobile marine megafauna. *Frontiers in Marine Science* 7(725): 1-18. https://doi.org/10.1111/jfb.14256
- 192. McEnnulty FR, Davies CH, **Armstrong AO**, Atkins N, Coman F, Clementson L, Edgar S, Eriksen RS, **Everett**JD, Koslow JA, Lønborg C, McKinnon AD, Miller M, O'Brien T, **Pausina S**, Uribe-Palomino J, Rochester W,
 Rothlisberg PC, Slotwinski A, Strzelecki J, Suthers IM, Swadling KM, Tonks ML, van Ruth P, Young JW,

 <u>Richardson AJ</u> (2020) A database of total zooplankton biomass in Australian marine waters. *Scientific Data*7(217): 1-9. https://doi.org/10.1038/s41597-020-00625-9
- 191. **Brito-Morales I**, Schoeman DS, García Molinos J, Burrows MT, Klein CJ, Arafeh-Dalmau N, Kaschner K, Carilao C, Kesner-Reyes K, <u>Richardson AJ</u> (2020) Climate velocity reveals increasing exposure of deepocean biodiversity to future warming. *Nature Climate Change* 10: 576-581. https://doi.org/10.1038/s41558-020-0773-5
- 190. Hallegraeff G, Eriksen R, Davies C, Slotwinski A, McEnnulty F, Coman F, Uribe-Palomino J, Tonks M, <u>Richardson AJ</u> (2020) The marine planktonic dinoflagellate *Tripos*: 60 years of species-level distributions in Australian waters. *Australian Systematic Botany* 33: 392-411. https://doi.org/10.1071/SB19043
- 189. Robson BJ, Skerratt J, Baird ME, Davies C, Herzfeld M, Jones EM, Mongin M, <u>Richardson AJ</u>, Rizwi F, Wild-Allen K, Steven A (2020) Enhanced assessment of the eReefs marine models for the Great Barrier Reef using a four-level model evaluation framework. *Environmental Modelling and Software* 129: 104707. 15 pp. https://doi.org/10.1016/j.envsoft.2020.104707
- 188. **Armstrong AJ**, **Armstrong AO**, Bennett MB, McGregor F, Abrantes K, Barnett A, **Richardson AJ**, Townsend KA, **Dudgeon CL** (2020) The geographic distribution of reef and oceanic manta rays (*Mobula alfredi* and

- *Mobula birostris*) in Australian coastal waters. *Journal of Fish Biology* 96: 835-840. https://doi.org/10.1111/jfb.14256
- 187. Wolfe K, Anthony K, Babcock RC, Bay L, Bourne DG, Burrows D, Byrne M, Deaker DJ, Diaz-Pulido G, Frade PR, Gonzalez-Rivero M, Hoey A, Hoogenboom M, McCormick M, Ortiz J-C, Razak T, <u>Richardson AJ</u>, Roff G, Sheppard-Brennand H, Stella J, Thompson A, Watson S-A, Webster N, Audas D, Beeden R, Carver J, Cowlishaw M, Dyer M, Groves P, Horne D, Thiault L, Vains J, Wachenfeld D, Weekers D, Williams G, Mumby PJ (2020) Priority species to support the functional integrity of coral reefs. *Oceanography and Marine Biology: An Annual Review* 58: 179-318. https://library.oapen.org/handle/20.500.12657/43148

- 186. McGregor F, <u>Richardson AJ</u>, <u>Armstrong AJ</u>, <u>Armstrong AO</u>, <u>Dudgeon CL</u> (2019) Rapid wound healing in a reef manta ray masks the extent of vessel strike. *PLOS One. 11 pp*. <u>https://doi.org/10.1371/journal.pone.0225681</u>
- 185. **Armstrong AO**, **Armstrong AJ**, Bennett MB, Townsend KA, <u>Richardson AJ</u>, **Dudgeon CL** (2019) Photographic identification and citizen science combine to reveal long distance movements of individual reef manta rays *Mobula alfredi* along Australia's east coast. *Marine Biodiversity Records* 12:14. 6 pp. https://doi.org/10.1186/s41200-019-0173-6
- 184. Lawson CL, Halsey LG, Hays GC, Dudgeon CL, Payne NL, Bennett MB, White CR, <u>Richardson AJ</u> (2019) Powering ocean giants: the energetics of shark and ray megafauna. *Trends in Ecology and Evolution* 34(11): 1009-1021. https://doi.org/10.1016/j.tree.2019.07.001
- 183. Batten SD, Abu-Alhaija R, Chiba S., Edwards M, Graham G, Jyothibabu R, Kitchener JA, Koubbi P, McQuatters-Gollop A, Muxagata E, Ostle C, <u>Richardson AJ</u>, Robinson KV, Takahashi KT, Verheye HM, Wilson W (2019) A Global Plankton Diversity Monitoring Program. *Frontiers in Marine Science*. June 2019, Vol. 6, Article 321: 14 pp. https://doi.org/10.3389/fmars.2019.00321
- 182. Babcock RC, Bustamante RH, Fulton EA, Fulton DJ, Haywood, MDE, Hobday AJ, Kenyon R, Matear RJ, Plagányi EE, <u>Richardson AJ</u>, Vanderklift MA (2019) Severe Continental-Scale Impacts of Climate Change Are Happening Now: Extreme Climate Events Impact Marine Habitat Forming Communities Along 45% of Australia's Coast. *Frontiers in Marine Science* 6: 411. 14 pp. https://doi.org/10.3389/fmars.2019.00411
- 181. **Richardson AJ**, Schoeman DS (2019) Sea animals are more vulnerable to warming than are land ones. *Nature. News & Views* 569: 50-51. https://doi.org/10.1038/d41586-019-01193-8
- 180. Eriksen RS, Bonham P, Davies CH, Coman F, Edgar S, McEnnulty FR, McLeod D, Miller MJ, Rochester W, Slotwinski A, Tonks ML, Uribe-Palomino J, <u>Richardson AJ</u> (2019) Australia's Long-term Plankton Observations: The Integrated Marine Observing System National Reference Station Network. *Frontiers in Marine Science* 6: 161. 17 pp. https://doi.org/10.3389/fmars.2019.00161
- 179. **Pausina S**, Greenwood J, Pitt K, Rissik D, Rochester W, Skerratt J, Uribe-Palomino J, <u>Richardson AJ</u> (2019) Zooplankton of Moreton Bay. In: Tibbetts IR, Rothlisberg PC, Neil DT, Homburg TA, Brewer DT, Arthington AH (Eds) Moreton Bay Quandamooka & Catchment: Past, present and future. The Moreton Bay Foundation. Brisbane, Australia. pp. 335-360. https://moretonbayfoundation.org/wp-content/uploads/2019/10/Moreton-Bay-Quandamooka-and-Catchment-book-edition-1-Aug-2019.pdf
- 178. **Dudgeon CL**, Bansemar C, **Armstrong A**, **Armstrong A**, Bennett MB, Bowden D, <u>Richardson AJ</u>, Townsend KA, Hawkins E (2019) The role of citizen science photographic identification in understanding marine megafauna populations in Moreton Bay. In: Tibbetts IR, Rothlisberg PC, Neil DT, Homburg TA, Brewer DT, Arthington AH (Eds) Moreton Bay Quandamooka & Catchment: Past, present and future. The Moreton Bay Foundation. Brisbane, Australia. pp. 475-490. https://moretonbayfoundation.org/wp-content/uploads/2019/10/Moreton-Bay-Quandamooka-and-Catchment-book-edition-1-Aug-2019.pdf
- 177. **Tulloch VJD**, Éva E. Plagányi E, **Brown C**, <u>Richardson AJ</u>, Matear R (2019) Future recovery of baleen whales is imperiled by climate change. *Global Change Biology*. 2019: 1-19. https://doi.org/10.1111/gcb.14573
- 176. **Berry E**, Saunders B, **Coghlan M**, Stat M, Jarman S, <u>Richardson AJ</u>, Davies C, Berry O, Harvey ES, Bunce M (2019) Marine environmental DNA biomonitoring reveals seasonal patterns in biodiversity and identifies ecosystem responses to anomalous events. *PLOS Genetics* 15(2): e1007943. 19 pp. https://doi.org/10.1371/journal.pgen.1007943
- 175. <u>Richardson AJ</u>, Uribe-Palomino J, Slotwinski A, Coman F, Miskiewicz AG, Rothlisberg PC, Young JW, Suthers IM (2019) Chapter 8. Coastal and marine zooplankton: identification, biology and ecology. In

- *Plankton: A Guide to Their Ecology and Monitoring for Water Quality.* Edited by Suthers I, Rissik D, Richardson AJ. 2nd edition. CSIRO Publishing. pp. 141-208. ISBN: 978-0-367-03016-2
- 174. Rissik D, Ajani P, Bowling L, Gibbs M, Kobayashi T, Pitt K, <u>Richardson AJ</u>, Suthers I (2019) Chapter 3. Use of plankton for management. In *Plankton: A Guide to Their Ecology and Monitoring for Water Quality*. Edited by Suthers I, Rissik D, Richardson AJ. 2nd edition. CSIRO Publishing. pp. 37-61. ISBN: 978-0-367-03016-2
- 173. Roe T, <u>Richardson AJ</u>, Suthers I (2019) Chapter 9. Educating with Plankton. In *Plankton: A Guide to Their Ecology and Monitoring for Water Quality*. Edited by Suthers I, Rissik D, Richardson AJ. 2nd edition. CSIRO Publishing. pp. 209-222. ISBN: 978-0-367-03016-2
- 172. Suthers I, <u>Richardson AJ</u>, Rissik D. (2019) Chapter 1. The importance of plankton. In *Plankton: A Guide to Their Ecology and Monitoring for Water Quality*. Edited by Suthers I, Rissik D, Richardson AJ. 2nd edition. CSIRO Publishing. pp. 1-19. ISBN: 978-0-367-03016-2
- 171. Suthers I, Rissik D, <u>Richardson AJ</u> (2019). Editors of *Plankton: A Guide to Their Ecology and Monitoring for Water Quality*. Edited by Suthers I, Rissik D, Richardson AJ. 2nd edition. CSIRO Publishing. 230 pp. ISBN: 78-0-12-374473-9. ISBN: 978-0-367-03016-2
- 170. Bessey C, Jarman S, Stat M, **Rohner C**, Bunce M, Koziol A, Power M, Rambahiniarison J, Ponzo A, **Richardson AJ**, Berry O (2019) DNA metabarcoding assays reveal a diverse prey assemblage for *Mobula* rays in the Bohol Sea, Philippines. *Ecology and Evolution* 2019: 1-16. https://doi.org/10.1002/ece3.4858
- 169. Skerratt JH, Mongin M, Wild-Allen KA, Baird ME, Robson BJ, Schaffelke B, Soja-Wozniak M, Margvelashvili N, Davies CH, <u>Richardson AJ</u>, Steven ADL (2019) Simulated nutrient and plankton dynamics in the Great Barrier Reef (2011-2016). *Journal of Marine Systems* 192: 51-74. https://doi.org/10.1016/j.jmarsys.2018.12.006

- 168. Costa DPM, <u>Richardson AJ</u>, Muelbert JH, Mills M, Possingham HP, Wilson KA (2018). RE: Brazil to create marine reserves. *Science* 359(6381): 1196-1198. https://doi.org/10.1126/science.359.6381.1196
- 167. Roura A, Strugnell JM, Guerra A, González AF, <u>Richardson AJ</u> (2018). Small copepods could channel missing carbon through metazoan predation. *Ecology and Evolution* 2018: 1-11. https://doi.org/10.1002/ece3.4546
- 166. Stewart JD, Jaine FRA, Armstrong AJ, Armstrong AO, Bennett MB, Burgess KB, Couturier LIE, Croll DA, Cronin MR, Deakos M, Dudgeon CL, Fernando D, Froman N, Germanov ES, Hall MA, Hinojosa-Alvarez S, Hosegood JE, Kashiwagi T, Laglbauer BJL, Lezama-Ochoa N, Marshall AD, McGregor F, Notarbartolo di Sciara G, Palacios MD, Peel LR, Richardson AJ, Rubin RD, Townsend KA, Venables SK, Stevens GMW (2018) Research priorities to support effective manta and devil ray conservation. Frontiers in Marine Science 5(314): 27 pp. https://doi.org/10.3389/fmars.2018.00314
- 165. Smith JA, Miskiewicz AG, Beckley LE, **Everett JD**, Garcia V, Gray CA, Holliday D, Jordan AR, Keane J, Lara-Lopez A, Leis JM, Matis PA, Muhling BA, Neira FJ, <u>Richardson AJ</u>, Smith KA, Swadling KM, Syahailatua A, Taylor MD, van Ruth PD, Ward TM, Suthers IM (2018) A database of marine larval fish assemblages in Australian temperate and subtropical waters. *Scientific Data* 5:180207. https://doi.org/10.1038/sdata.2018.207
- 164. **Couturier LIE**, Newman P, **Jaine FRA**, Bennett MB, Venables WN, Cagua E, Townsend KA, Weeks SJ, **Richardson AJ** (2018) Variation in occupancy and habitat use of *Manta alfredi* at a major aggregation site. *Marine Ecology Progress Series* 599: 125-145. https://doi.org/10.3354/meps12610
- 163. Brown MV, van de Kamp J, Ostrowski M, Seymour JR, Ingleton T, Messer LF, Jeffries T, Siboni N, Laverock B, Bibiloni-Isaksson J, Nelson TM, Coman F, Davies CH, Frampton D, Rayner M, Goossen K, Rober S, Homes B, Abell GCJ, Craw P, Kahlke T, Li San Sow S, McAllister K, Windsor J, Skuza M, Crossing R, Patten N, Malthouse P, van Ruth PD, Paulsen I, Fuhrman JA, Richardson A, Koval J, Bissett A, Fitzgerald A, Moltmann T, Bodrossy L (2018) Systematic, continental scale temporal monitoring of marine pelagic microbiota by the Australian Marine Microbial Biodiversity Initiative. *Nature Scientific Data* 5: 180130. 16 pp. https://doi.org/10.1038/sdata.2018.130
- 162. Boss E, Waite A, Muller-Karger F, Yamazaki H, Wanninkhof R; Sosik H, Sloyan B, Richardson A, Miloslavich P, Karstensen J, Gregori G, Fennel K, Claustre H, Cornejo M, Berman-Frank I, Batten S, Acinas S (2018) Beyond chlorophyll fluorescence: The time is right to expand biological measurements in ocean observing programs. Limnology and Oceanography Bulletin August 27(3): 89-90. https://doi.org/10.1002/lob.10243

17/09/2025 23

- 161. Costa DPM, Mills M, <u>Richardson AJ</u>, Fuller RA, Muelbert H, Possingham HP (2018) Efficiently enforcing artisanal fisheries to protect estuarine biodiversity. *Ecological Applications* 28(6): 1450-1458. https://doi.org/10.1002/eap.1744
- 160. **Brito-Morales I**, Molinos JG, Schoeman DS, Burrows MT, Poloczanska ES, **Brown CJ**, Ferrier S, Harwood TD, Klein CJ, McDonald-Madden E, Moore PJ, Pandolfi JM, Watson JE, Wenger AS, <u>Richardson AJ</u> (2018) Climate velocity can inform conservation in a warming world. *Trends in Ecology and Evolution* 33(6): 441-457. https://doi.org/10.1016/j.tree.2018.03.009
- 159. Davies C, Ajani P, Armbrecht L, Atkins N, Baird M, Beard J, Bonham P, Burford M, Clementson L, Coad P, Crawford C, Dela-Cruz J, Doblin M, Edgar S, Eriksen R, **Everett JD**, Furnas M, Harrison DP, Hassler C, Henschke N, Hoenner X, Ingleton T, Jameson I, Keesing J, Leterme SC, McLaughlin JM, Miller M, Moffatt D, Moss A, Nayar S, Patten NL, Patten R, **Pausina SA**, Proctor R, Raes E, Robb M, Rothlisberg P, Saeck EA, Scanes P, Suthers IM, Swadling KM, Talbot S, Thompson P, Thomson PG, Uribe-Palomino J, van Ruth P, Waite AM, Wright S, **Richardson AJ** (2018) A database of chlorophyll a in Australian waters. *Scientific Data* 5: 180018. https://doi.org/10.1038/sdata.2018.18
- 158. Uribe-Palomino J, Lopez R, Gibbons M, **Gusmao F**, **Richardson AJ** (2018) Siphonophores of the Surface Waters of the Colombian Pacific Ocean. *Journal of the Marine Biological Association UK* 1-14. https://doi.org/10.1017/S0025315417002065
- 157. Dornelas et al., including <u>Richardson AJ</u> (2018) BioTIME: a database of biodiversity time series for the Anthropocene. *Global Ecology and Biogeography* 27: 760-786. https://doi.org/10.1111/geb.12729
- 156. **Burgess KB**, Guerrero M, Marshall AD, <u>Richardson AJ</u>, Bennett MB, <u>Couturier LIE</u> (2018) Novel signature fatty acid profile of the giant manta ray suggests reliance on an uncharacterised mesopelagic food source low in polyunsaturated fatty acids. *PLoS One* 13(1): e0186464. https://doi.org/10.1371/journal.pone.0186464
- 155. **Rohner CA**, <u>Richardson AJ</u>, Jaine FRA, Bennett, MB, Weeks SJ, Cliff G, Robinson D, Pierce SJ (2018) Satellite tagging highlights the importance of productive Mozambican coastal waters to the ecology and conservation of whale sharks. *PeerJ*. 24 pp. https://doi.org/10.7717/peerj.4161
- 154. **Tulloch VJD**, Plagányi EE, Matear R, **Brown C**, <u>Richardson AJ</u> (2018) Ecosystem modelling to quantify the impact of historical whaling on Southern Hemisphere baleen whales. *Fish and Fisheries* 19: 117-137. https://doi.org/10.1111/faf.12241

- 153. Ripple WJ, Wolf C, Newsome TM, Galeti M, Alamgir M, Crist E, Mahmoud MI, Laurnace WF, and 15,364 scientists including <u>Richardson AJ</u> (2017) World Scientists' Warning to Humanity: A Second Notice. *BioScience* 67(12): 1026-1028
- 152. **Burgess KB**, Marshall AD, **Richardson AJ**, Bennett MB (2017) Use of epidermal mucus in elasmobranch stable isotope studies: a pilot study using the giant manta ray (*Manta birostris*). *Marine and Freshwater Research*. https://doi.org/10.1071/MF16355. 7 pp.
- 151. **Berry T**, Osterrieder S, Murray D, Coghlan M, <u>Richardson AJ</u>, Grealy A, Bejder L, Stat M, Bunce M (2017) DNA metabarcoding for diet analysis and biodiversity: a case study using the endangered Australian sea lion (*Neophoca cinerea*). *Ecology and Evolution* 7: 4535-5453. https://doi.org/10.1002/ece3.3123
- 150. **Rohner CA**, **Burgess KB**, Rambahiniarison JM, Steward JD, Ponzo A, <u>Richardson AJ</u> (2017) Mobulid rays feed on euphausiids in the Bohol Sea. *Royal Society Open Science* 4: 161060. https://dx.doi.org/10.1098/rsos.161060
- 149. **Everett JD**, Baird ME, Blanchard J, Buchanan P, Bulman C, Davies C, Downie R, Griffiths C, **Heneghan R**, Laiolo L, Lopez AL, Lozano-Montes H, Matear R, McEnnulty F, Robson B, Rochester W, Skerratt J, Smith JA, Strzelecki J, Suthers IM, Swadling K, van Ruth P, **Richardson AJ** (2017) Modeling what we sample and sampling what we model: challenges for zooplankton model assessment. *Frontiers in Marine Science* 4: 19 pp. https://doi.org/10.3389/fmars.2017.00077
- 148. Blanchard J, **Heneghan R**, **Everett J**, Treblico R, <u>Richardson AJ</u> (2017) From bacteria to whales: using functional size spectra to model marine ecosystems. *Trends in Ecology and Evolution* 32(3): 174-186. http://dx.doi.org/10.1016/j.tree.2016.12.003

- 147. **Burgess KB**, **Couturier LIE**, Marshall AD, <u>Richardson AJ</u>, Weeks SJ, Bennett MB (2016) *Manta birostris*, predator of the deep? Insight into the diet of the giant manta ray using stable isotope analysis. *Proceedings of the Royal Society B*. 3: 160717. http://dx.doi.org/10.1098/rsos.160717
- 146. <u>Richardson AJ</u> (2016) How climate change makes me feel. Systemic crises of global climate change: intersections of race, class and gender. Edited by Godfrey P, Torres D, Abingdon, Oxon, UK: Routledge. P. 327. https://doi.org/10.4324/9781315737454
- 145. **Heneghan RF, Everett JD**, Blanchard JL, <u>Richardson AJ</u> (2016) Zooplankton are not fish: improving zooplankton realism in size-based models mediates energy transfer in food webs. *Frontiers in Marine Science*. https://doi.org/10.3389/fmars.2016.00201
- 144. Henschke N, **Everett JD**, **Richardson AJ**, Suthers IM (2016) Rethinking the role of salps in the ocean. *Trends in Ecology and Evolution* 31(9): 720-733. http://dx.doi.org/10.1016/j.tree.2016.06.007
- 143. Davies CH, **Coughlan A**, Hallegraeff G, Ajani P, Armbrecht L, Atkins N, Bonham P, Brett S, Brinkman R, Burford M, Clementson L, Coad P, Coman F, Davies D, Dela-cruz J, Devlin M, Edgar S, Eriksen R, Furnas M, Hassler C, Hill D, Holmes M, Ingleton T, Jameson I, Leterme SC, Lønborg C, McLaughlin J, McEnnulty F, McKinnon AD, Miller M, Murray S, Nayar S, Patten R, Pritchard T, Proctor R, Purcell-Meyerink D, Raes E, Rissik D, Rubio A, Ruszczyk J, Slotwinski A, Tattersall K, Thompson P, Thompson P, Tonks M, Trull TW, Uribe-Palomino J, Swadling K, Waite A, Yauwenas R, Zammit A, <u>Richardson AJ</u> (2016) A database of marine phytoplankton abundance, biomass and species composition in Australian waters. *Scientific Data* 3: 160043. https://doi.org/10.1038/sdata.2016.43
- 142. Bennett MB, Coman F, Townsend KT, **Couturier LIE**, **Jaine FRA**, **Richardson AJ** (2016) A historical and contemporary consideration of the diet of the reef manta ray, *Manta alfredi*, from the Great Barrier Reef, Australia. *Marine and Freshwater Research* 68: 993-997. http://dx.doi.org/10.1071/MF16046
- 141. Hallegraeff GM, **Richardson AJ**, **Coughlan A** (2016) Chapter 3. Marine phytoplankton bioregions in Australian seas. pp. 47-57. In Handbook of Australasian Biogeography by M Ebach (Ed). CRC/Taylor and Francis Press, 600 pp. ISBN 9781482236361
- 140. **Dufois F**, Hardman-Mountford NJ, Greenwood J, <u>Richardson AJ</u>, Feng M, Matear R (2016) Anticyclonic eddies are more productive than cyclonic eddies in subtropical gyres because of winter mixing. *Science Advances* 2, e1600282. 6 pp. https://doi.org/10.1126/sciadv.1600282
- 139. Poloczanska ES, Burrows MT, **Brown CJ**, Molinos JG, Halpern B, Hoegh-Guldberg O, Kappel C, Moore P, Parmesan C, <u>Richardson AJ</u>, Schoeman DS, Sydeman B (2016) Responses of marine organisms to climate change across oceans. *Frontiers of Marine Science* 3: 62, 21 pp. https://doi.org/10.3389/fmars.2016.00062
- 138. **Armstrong AO**, **Armstrong AJ**, **Jaine FRA**, **Couturier LIE**, Fiora K, Uribe-Palomina J, Weeks SJ, Townsend KA, Bennett MB, <u>Richardson AJ</u> (2016) Prey Density Threshold and Tidal Influence on Reef Manta Ray Foraging at an Aggregation Site on the Great Barrier Reef. *PLoS One*., 18 pp. https://doi.org/10.1371/journal.pone.0153393
- 137. Hayashi A, Crombie A, Lacy E, <u>Richardson AJ</u>, Vuong D, Piggott AM, Hallegraeff G (2016) *Aspergillus sydowii* marine fungal bloom in Australian coastal waters, its metabolites and potential impact on *Symbiodinium* dinoflagellates. *Marine Drugs* 2016, 14, 59, 14 pp. https://doi.org/10.3390/md14030059
- 136. **Brown CJ**, O'Connor MI, Poloczanska ES, Schoeman DS, Buckley L, Burrows MI, Duarte CM, Halpern BA, Pandolfi J, Parmesan C, <u>Richardson AJ</u> (2016) Ecological and methodological drivers of species' distribution and phenology responses to climate change. *Global Change Biology* 22: 1548–1560. https://doi.org/10.1111/gcb.13184
- 135. Ajani P, Hallegraeff GM, Allen D, **Coughlan A**, <u>Richardson AJ</u>, Armand LK, Ingelton T, Murray SA (2016) Establishing baselines: a review of eighty years of phytoplankton diversity and biomass in south-eastern Australia. *Oceanography and Marine Biology: An Annual Review* 54: 387-412. https://doi.org/10.1201/9781315368597
- 134. Mokany K, Ferrier S, Connolly SR, Dunstan PK, Fulton EA, Harfoot MB, Harwood TD, <u>Richardson AJ</u>, Roxburgh SH, Scharlemann JPW, Tittensor DP, Westcott DA, Wintle BA (2016) Integrating modelling of biodiversity composition and ecosystem function. *Oikos* 125: 10–19. https://doi.org/10.1111/oik.02792
- 133. Molinos G, Halpern BS, Schoeman DS, **Brown CJ**, Kiessling W, Moore PJ, Pandolfi JM, Poloczanska ES, <u>Richardson AJ</u>, Burrows MT (2016) Climate velocity and the future global redistribution of marine biodiversity. *Nature Climate Change* 6: 83-90. https://doi.org/10.1038/NCLIMATE2769

- 132. Thompson PA, <u>Richardson AJ</u>, Bonham P, Thomson P, Rochester W, Doblin MA, Waite AM, Rousseaux C (2015) Climate variability drives plankton community composition changes: an El Niño to La Niña transition around Australia. *Journal of Plankton Research* 37(5): 966-984. https://doi.org/10.1093/plankt/fbv069
- 131. Weeks SJ, Magno-Canto MM, **Jaine FRA**, Brodie J, <u>Richardson AJ</u> (2015) Unique sequence of events triggers manta ray feeding frenzy in the southern Great Barrier Reef, Australia. *Remote Sensing* 7: 3138-3152. https://doi.org/10.3390/rs70303138
- 130. **Rohner CA**, <u>Richardson AJ</u>, Prebble CE, Marshall AD, Bennett MB, Weeks SJ, Cliff G, Winter SP, Pierce SJ (2015) Laser photogrammetry improves size and demographic estimates for whale sharks. *PeerJ*, 20 pp. https://doi.org/10.7717/peerj.886
- 129. Fu C, Large S, Knight B, Shin Y-J, Coll M, Reygondeau G, Boldt, J, Bundy A, <u>Richardson AJ</u>, van der Meeren GI, Torres MA, Sobrino I, Auber A, Travers-Trolet M, Piroddi C, Diallo I, Jouffre D, Lynam C, Shannon LJ (2015) Relationships among fisheries exploitation, environmental conditions, and ecological indicators across a series of marine ecosystems. *Journal of Marine Systems* 148: 101-111. http://dx.doi.org/10.1016/j.jmarsys.2015.01.004
- 128 **Rohner CA**, **Armstrong AJ**, Pierce SJ, Prebble C, Cagua EF, Cochran JEM, Berumen ML, <u>Richardson AJ</u> (2015) Whale sharks target dense prey patches of sergestid shrimp off Tanzania. *Journal of Plankton Research* 37(2): 352-362. https://doi.org/10.1093/plankt/fbv010
- 127 Ooi M, Townsend KA, Bennett MB, <u>Richardson AJ</u>, Fernando D, Villa C, Gaus C (2015) Levels of arsenic, cadmium, lead and mercury in the branchial plate and muscle tissue of mobulid rays. *Marine Pollution Bulletin* 94: 251-259. http://dx.doi.org/10.1016/j.marpolbul.2015.02.005
- 126 **Robinson LM**, Hobday AJ, Possingham HP, <u>Richardson AJ</u> (2015) Trailing edges projected to move faster than leading edges for large pelagic fish habitats under climate change. *Deep-Sea Research II* 113: 225-234. http://dx.doi.org/10.1016/j.dsr2.2014.04.007

- 125 **Dufois F**, Hardman-Mountford N, Greenwood J, <u>Richardson AJ</u>, Feng M, Herbette S, Matear R (2014) Impact of eddies on surface chlorophyll in the South Indian Ocean. *Journal of Geophysical Research Oceans* 119: 8061–8077, https://doi.org/10.1002/2014JC010164
- 124 Lynch TP, Morello EB, Evans K, <u>Richardson AJ</u>, Steinberg CR, Roughan M, Thompson P, Middleton JF, Feng M, Sherrington R, Brando V, Tilbrook B, Ridgway K, Allen S, Doherty P, Hill K, Moltmann TC (2014) IMOS National Reference Stations: a continental-wide physical, chemical and biological coastal observing system. *PLoS ONE*. 28 pp. https://doi.org/10.1371/journal.pone.0113652
- 123 Davies C, **Armstrong A**, Baird M, Coman F, Gaughan D, Greenwood J, **Gusmao F**, Henschke N, Koslow T, Leterme SC, McKinnon AD, **Pausina S**, Uribe Palomino J, Roennfeldt R-L, Rothlisberg P, Slotwinski A, Strzelecki J, Suthers I, Swadling K, Talbot S, Tonks M, Tranter D, Young J, <u>Richardson AJ</u> (2014) Over 75 years of zooplankton data in Australia. *Ecology* 95: 3229. 7 pp. http://dx.doi.org/10.1890/14-0697.1
- 122 Jaine FRA, Rohner CA, <u>Richardson AJ</u>, Couturier LIE, Weeks SJ, Bennett MB, Townsend KA, Canto M (2014) Movements and habitat use of reef manta rays off eastern Australia: offshore excursions, deep diving and eddy affinity revealed by satellite telemetry. *Marine Ecology Progress Series* 510: 73-86. https://doi.org/10.3354/meps10910
- 121 O'Connor MI, Holding J, Kappel CV, Duarte CM, Brander K, **Brown CJ**, Bruno JF, Buckley L, Burrows MT, Halpern BS, Kiessling W, Moore P, Pandolfi JM, Parmesan C, Poloczanska ES, Schoeman DS, Sydeman WJ, <u>Richardson AJ</u> (2014). Strengthening confidence in climate impacts science. *Global Ecology and Biogeography* 24(1): 64-76. https://doi.org/10.1111/geb.12218
- 120 Hirst AG, Keister JE, <u>Richardson AJ</u>, Ward P, Escribano RV (2014) Re-assessing copepod growth using the Moult Rate Method. *Journal of Plankton Research* 36(5): 1224-1232. https://doi.org/10.1093/plankt/fbu045
- 119 Gershwin L, Condie S, Mansbridge JV, <u>Richardson AJ</u> (2014) Dangerous jellyfish blooms are predictable. Journal of the Royal Society Interface 11(96): 20131168. 5 pp. http://dx.doi.org/10.1098/rsif.2013.1168
- 118 Hallegraeff G, Coman F, Davies C, Hayashi A, McLeod D, Slotwinski A, Whittock L, <u>Richardson AJ</u> (2014) Australian dust storm associated with extensive *Aspergillus sydowii* fungal "bloom" in coastal waters. *Applied and Environmental Microbiology* 80(11): 3315-3320. https://doi.org/10.1128/AEM.04118-13

- 117 **Couturier LIE**, **Dudgeon CL**, Pollock KH, **Jaine FRA**, Bennett MB, Townsend KA, Weeks SJ, <u>Richardson AJ</u> (2014) Population dynamics of the reef manta ray *Manta alfredi* in eastern Australia. *Coral Reefs* 33(2): 329-342. https://doi.org/10.1007/s00338-014-1126-5
- 116 Burrows MT, Schoeman DS, <u>Richardson AJ</u>, Molinos JG, Hoffman A, Buckley LB, Moore P, **Brown CJ**, Bruno JF, Duarte CM, Halpern BS, Hoegh Guldberg O, Kappel CV, Kiessling W, O'Connor MI, Pandolfi JM, Parmesan C, Sydeman WJ, Ferrier S, Williams KJ, Poloczanska ES (2014) Geographical limits to speciesrange shifts are suggested by climate velocity. *Nature* 507: 492-495. https://doi.org/10.1038/nature12976
- 115 **Brown CJ**, Saunders MI, Possingham HP, <u>Richardson AJ</u> (2014) Interactions between global and local stressors of ecosystems determine management effectiveness in cumulative impact mapping. *Diversity and Distributions* 20: 538-546. https://doi.org/10.1111/ddi.12159
- 114 Raitsos DE, Pradhan Y, Lavender SJ, Hoteit I, McQuatters-Gollop A, Reid PC, <u>Richardson AJ</u> (2014) From silk to satellite: half a century of ocean colour changes in the Northeast Atlantic. *Global Change Biology* 20: 2117-2123. https://doi.org/10.1111/gcb.12457
- 113 Henschke N, **Everett JD**, Doblin MA, Pitt KA, <u>Richardson AJ</u>, Suthers IM (2014) Demography and interannual variability of salp swarms (*Thalia democratica*). *Marine Biology* 161: 149-163. https://doi.org/10.1007/s00227-013-2325-2
- 112* Hoegh-Guldberg O, Cai R, Poloczanska ES, Brewer PG, Sundby S, Hilmi K, Fabry VJ, Jung S, and 21 Contributing authors including Richardson AJ (2014) Chapter 30: The Ocean. In: Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part B: Regional Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Barros VR, Field CB, Dokken DJ, Mastrandrea MD, Mach KJ, Bilir TE, Chatterjee M, Ebi KL, Estrada YO, Genova RC, Girma B, Kissel ES, Levy AN, MacCracken S, Mastrandrea PR, White LL (Eds)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp. 1655-1731. https://www.ipcc.ch/report/ar5/wg2/
- 111 McKinnon DA, Williams A, Young J, Ceccarelli D, Dunstan P, Brewin RJW, Watson R, Brinkman R, Cappo M, Duggan S, Kelley R, Ridgway K, Lindsay D, Gledhill D, Hutton T, <u>Richardson AJ</u> (2014) Tropical Marginal Seas: Priority Regions For Managing Marine Biodiversity And Ecosystem Function. *Annual Reviews in Marine Science* 6: 17.1-17.23. https://doi.org/10.1146/annurev-marine-010213-135042

- 110 Couturier LIE, Rohner CA, <u>Richardson AJ</u>, Marshall AD, Jaine FRA, Bennett MB, Townsend KA, Weeks SJ, Nichols PD (2013) Stable isotope and signature fatty acid analyses suggest reef manta rays feed on demersal zooplankton. *PLoS One* 8(10): e77152. 15 pp. https://doi.org/10.1371/journal.pone.0077152
- 109 Gershwin L-A, <u>Richardson AJ</u>, Winkel KD, Fenner PJ, Lippmann J, Hore R, Avila-Soria G, Brewer D, Kloser R, Steven A, Condie S (2013) Biology and ecology of Irukandji jellyfish (Cnidaria: Cubozoa). *Advances in Marine Biology* 66: 1-86. http://dx.doi.org/10.1016/B978-0-12-408096-6.00001-8
- 108 Ceccarelli D, McKinnon DA, Adrefouet S, Alain V, Young J, Gledhill D, Flynn A, Bax N, Beaman R, Borsa P, Brinkman R, Bustamante R, Campbell R, Cappo M, Cravatte S, D'Agata S, Dichmont C, Dunstan PK, Dupouy C, Edgar G, Farman R, Furnas M, Garrigue C, Hutton T, Kulbick M, Letourneur Y, Lindsay D, Menkes C, Mouillot D, Parravicini V, Payri C, Pelletier B, Richer de Forges B, Ridgway K, Rodier M, Samadi S, Schoeman D, Skewes T, Swearer S, Vigliola L, Wantiez L, Williams A, Richardson AJ (2013) The Coral Sea: Physical environment, ecosystem status and biodiversity assets. Advances in Marine Biology 66: 211-287. http://dx.doi.org/10.1016/B978-0-12-408096-6.00004-3
- 107 **Gusmão LFM**, McKinnon AD, <u>Richardson AJ</u> (2013) Female-biased sex ratios in marine pelagic copepods: Response to Hirst et al. (2013) *Marine Ecology Progress Series* 489: 299–301. https://doi.org/10.3354/meps10523
- 106 **Couturier LIE**, **Rohner CA**, <u>Richardson AJ</u>, Pierce SJ, Marshall AD, **Jaine FRA**, Townsend KA, Bennett MB, Weeks SJ, Nichols PD (2013) Unusually high levels of omega-6 polyunsaturated fatty acids in whale sharks and manta rays. *Lipids* 48(10): 1029-1034. 6 pp. https://doi.org/10.1007/s11745-013-3829-8
- 105 **Rohner CA**, **Couturier LIE**, <u>Richardson AJ</u>, Pierce SJ, Prebble C, Gibbons MJ, Nichols PD (2013) Diet of whale sharks *Rhincodon typus* inferred from stomach content and signature fatty acid analyses. *Marine Ecology Progress Series* 493: 219-235. https://doi.org/10.3354/meps10500
- 104 Poloczanska ES, **Brown CJ**, Sydeman WJ, Kiessling W, Moore PJ, Brander K, Bruno JF, Buckley L, Burrows MT, Duarte CM, Halpern BS, Holding J, Kappel CV, O'Connor MI, Pandolfi JM, Parmesan C, Schoeman DS,

- Schwing F, Thompson SA, <u>Richardson AJ</u> (2013) Global imprint of climate change on marine life. *Nature Climate Change* 3: 919-925. *DOI 10.1038/NCLIMATE1958*. 7 pp. https://doi.org/10.1038/NCLIMATE1958
- 103 **Couturier LIE**, Bennett MB, <u>Richardson AJ</u> (2013) Mystery of giant rays off the Gaza strip solved. *Oryx* 47(4): 480. https://doi.org/10.1017/S0030605313000793
- 102 Gibbons MJ, <u>Richardson AJ</u> (2013) Beyond the jellyfish joyride and global oscillations: advancing jellyfish research. *Journal of Plankton Research* 35(5): 929-938. https://doi.org/10.1093/plankt/fbt063
- 101 Parmesan C, Burrows MT, Duarte CM, Poloczanska ES, <u>Richardson AJ</u>, Schoeman DS, Singer MC (2013) Beyond climate change attribution in conservation and ecological research. *Ecology Letters* 16: 58-71. doi: 10.1111/ele.12098
- 100 **Rohner CA**, Pierce SJ, Marshall AD, Weeks SJ, Bennett MB, <u>Richardson AJ</u> (2013) Trends in sightings and environmental influences on a coastal aggregation of manta rays and whale sharks. *Marine Ecology Progress Series* 482: 153-168. doi: 10.3354/meps10290
- 99 **Gusmão LFM**, McKinnon AD, <u>Richardson AJ</u> (2013) No evidence of predation causing female-biased sex ratios in marine pelagic copepods *Marine Ecology Progress Series*. 482: 279-298. doi: 10.3354/meps10265
- 98 **Brown CJ**, Saunders MI, Possingham HP, <u>Richardson AJ</u> (2013) Managing for interactions between local and global stressors of ecosystems. *PLoS One*. June 2013, Vol 8(6): 1-10. e65765
- 97 **Mazor T**, Levin N, Possingham HP, Levy Y, Rocchini D, <u>Richardson AJ</u>, Kark S (2013) Can satellite-based night lights be used for conservation? The case of nesting sea turtles in the Mediterranean. *Biological Conservation* 159: 63-72
- 96 Hoegh-Guldberg O, Poloczanska E, <u>Richardson A</u> (2013) Chapter 5. Australia's marine resources in a warm, acid ocean. *In* Four Degrees of Global Warming: Australia in a Hot World. Peter Christoff (Editor). Routledge Taylor and Francis Group. pp. 84-100

- 95 Brewer DT, Morello EB, Griffiths S, Fry G, Heales D, Apte SC, Venables WN, Rothlisberg PC, Moeseneder C, Lansdell M, Pendrey R, Coman F, Strzelecki J, Jarolimek CV, Jung RF, <u>Richardson AJ</u> (2012) Impacts of gold mine waste disposal on a tropical pelagic ecosystem. *Marine Pollution Bulletin* 64(12): 2790-2806. 10.1016/j.marpolbul.2012.09.009
- 94 Jaine FRA, Couturier LIE, Weeks SJ, Townsend KA, Bennett MB, Fiora K, <u>Richardson AJ</u> (2012) When giants turn up: sightings trends, environmental influences and habitat use of the manta ray *Manta alfredi* at a coral reef. *PLOS ONE* 7(10): e46170. 10 pp
- 93 Richardson AJ, Brown CJ, Brander K, Bruno JF, Buckley L, Burrows MT, Duarte CM, Halpern BS, Hoegh-Guldberg, Holding J, Kappel CV, Kiessling W, Moore P, O'Connor MI, Pandolfi JM, Parmesan C, Schoeman DS, Schwing F, Sydeman WJ, Poloczanska ES (2012) Climate change and marine life. *Biology Letters* 8: 907-909. doi:10.1098/rsbl.2012.0530
- 92 **Griffith G**, Fulton B, Gorton B, <u>Richardson AJ</u> (2012) Predicting Interactions among Fishing, Ocean Warming, and Ocean Acidification in a Marine System with Whole-Ecosystem Models. *Conservation Biology* 26 (6): 1145–1152
- 91 Young JW, McKinnon AD, Ceccarelli D, Brinkman R, Bustamante R, Cappo M, Dichmont C, Doherty P, Furnas M, Gledhill D, Griffiths S, Hutton T, Ridgway K, Smith D, Skewes T, Williams A, <u>Richardson AJ</u> (2012) Workshop on the ecosystem and fisheries of the Coral Sea: an Australian perspective on research and management. *Reviews in Fish Biology and Fisheries* 22:827-834. DOI 10.1007/s11160-011-9251-5
- 90 <u>Richardson AJ</u>, Pauly D, Gibbons MJ (2012) Degraded ecosystems: Keep jellyfish numbers in check. *Nature* 483: 158
- 89 Shin, Y-J, Bundy A, Shannon LJ, Blanchard J, Chuenpagdee R, Coll M, Knight B, Lynam C, Piet J, <u>Richardson AJ</u>, The IndiSeas Group (2012) Global in scope and regionally rich: an IndiSeas workshop helps shape the future of marine ecosystem indicators. *Reviews in Fish Biology and Fisheries*. DOI 10.1007/s11160-012-9252-z
- 88 McLeod DJ, Hallegraeff GM, Hosie GW, <u>Richardson AJ</u> (2012) Climate-driven range expansion of the redtide dinoflagellate *Noctiluca scintillans* into the Southern Ocean. *Journal of Plankton Research* 34: 332-337
- 87 Flynn BA, <u>Richardson AJ</u>, Brierley AS, Boyer DC, Axelsen BE, Scott L, Moroff NE, Kainge P, **Tjizoo BM**, Gibbons MJ (2012). Temporal and spatial patterns in the abundance of jellyfish in the northern Benguela upwelling ecosystem and their link to thwarted pelagic fishery recovery. *African Journal Marine Science* 34: 131-146

- 86 Mackas DL, Greve W, Edwards M, Chiba S, Tadokoro K, Eloire D, Mazzocchi MG, Batten S, <u>Richardson AJ</u>, Johnson C, Head E, Converssi A, Peluso T (2012) Changing zooplankton seasonality in a changing ocean: Comparing time series of zooplankton phenology. *Progress in Oceanography* 97-100: 31-62
- 85 **Couturier L**, Bennett MB, **Jaine FRA**, Kashiwagi T, Marshall A, Pierce SJ, <u>Richardson AJ</u>, Townsend K, Weeks S (2012) Biology, ecology and conservation of the *Mobulidae* (Gill, 1893). *Journal of Fish Biology* 80: 1075-1119
- 84 **Brown CJ**, Fulton BA, Possingham HP, <u>Richardson AJ</u> (2012) How long can fisheries managers afford to delay action on ecosystem and climate change? *Ecological Applications* 22: 298-310
- 83 Burrows MT, Schoeman DS, Duarte CM, O'Connor MI, Buckley LB, Kappel CV, Parmesan C, Halpern BS, **Brown C**, Brander KM, Bruno JF, Pandolfi JM, Sydeman WJ, **Richardson AJ**, Poloczanska ES (2012) Invasive species unchecked by climate Response. *Science* 335: 538
- 82 **Roger LM**, McKinnon AD, Knott B, Matear R, Scadding C, <u>Richardson AJ</u> (2012) Comparison of the shell structure of two tropical thecosomata (*Creseis acria* and *Diacavolinia longirostris*) from 1963-2009: potential implications of declining aragonite saturation state. *ICES Journal of Marine Science* 69: 465-474

- 81 Burrows MT, Schoeman DS, Buckley LB, Moore P, Poloczanska ES, Brander KM, **Brown C**, Bruno JF, Duarte CM, Halpern BS, Holding J, Kappel CV, Kiessling W, O'Connor MI, Pandolfi JM, Parmesan C, Schwing FB, Sydeman WJ, <u>Richardson AJ</u> (2011) The pace of shifting climate in marine and terrestrial systems. *Science* 334: 652-655
- 80 Brown CJ, Schoeman D, Sydeman W, Poloczanska ES, Moore P, Venables W, Burrows M, Pandolfi J, Buckley L, Duarte CM, Brander K, <u>Richardson AJ</u> (2011) Quantitative approaches in climate change ecology. *Global Change Biology* 17: 3697-3713
- 79 **Griffith GP**, Fulton EA, <u>Richardson AJ</u> (2011) Effects of fishing and acidification-related benthic mortality on the southeast Australian marine ecosystem. *Global Change Biology* 17, 3058–3074
- 78 Parmesan C, Duarte CM, Poloczanska ES, <u>Richardson AJ</u>, Singer MC (2011) Overstretching Attribution. *Nature Climate Change* 1: 2-4
- 77 Poloczanska ES, **Smith S**, **Fauconnet L**, Healy J, Tibbetts I, Burrows MT, <u>Richardson AJ</u> (2011) Little change in distribution of rocky shore faunal communities on the Australian east coast after 50 years of warming. *Journal of Experimental Marine Biology and Ecology* 400: 145-154
- 76 Johnson CR, Banks SC, Barrett NS, Cazzasus F, Dunstan PK, Edgar GJ, Frusher SD, Gardner C, Helidoniotis F, Hill KL, Holbrook NJ, Hosie GW, Last PR, Ling SC, Melbourne-Thomas J, Miller K, Pecl GT, <u>Richardson AJ</u>, Ridgway KR, Rintoul SR, Ritz DA, Ross DJ, Sanderson JC, Shepherd S, Slotwinski A, Swadling KM, Taw N (2011) Climate change cascades: shifts in oceanography, species' ranges and marine community dynamics in eastern Tasmania. *Journal of Experimental Marine Biology and Ecology* 400: 17-32
- 75 **Couturier L, Jaine FRA**, Townsend K, Weeks S, <u>Richardson AJ</u>, Bennett MB (2011) Distribution, site affinity and regional movements of the manta ray, *Manta alfredi*, along the east coast of Australia. *Marine and Freshwater Research* 62: 628-637
- 74 **Rohner CA**, <u>Richardson AJ</u>, Marshall AD, Weeks SJ, Pierce SJ (2011) How large is the world's largest fish? Measuring whale sharks with laser photogrammetry. *Journal of Fish Biology* 78: 378-385
- 73 **Robinson L**, Hobday AJ, Pearson RG, Elith J, Kendall BE, Possingham HP, <u>Richardson AJ</u> (2011) Pushing the limits in marine-based species distribution modelling: lessons from the land present challenges and opportunities. *Global Ecology and Biogeography* 20(6): 789-802. DOI: 10.1111/j.1466-8238.2010.00636.x
- 72 Grantham HS, Game ET, Lombard AT, Hobday AJ, <u>Richardson AJ</u>, Beckley LE, Pressey RL, Huggett JA, Coetzee JC, van der Lingen CD, Petersen SL, Merkle D, Possingham HP (2011) Accommodating Dynamic Oceanographic Processes and Pelagic Biodiversity in Marine Conservation Planning. *PLoS One* 6(2): e16552. 16 pp
- 71* Heckbert S, Costanza R, Poloczanska ES, <u>Richardson AJ</u> (2011) Chapter 12.10 Climate Regulation as a Service from Estuarine and Coastal Ecosystems. In Volume 12: *Ecological Economics of Estuaries and Coasts*, (eds, M. van den Belt and R. Costanza) in the *Treatise on Estuarine and Coastal Science* (Series eds., E. Wolanski, and D. McLusky), Elsevier, Amsterdam, Publication date: 30/4/2012. ISBN: 9780123747112. pp. 199-216

- 70* Grantham HS, McLeod E, Brooks A, Jupiter SD, Hardcastle J, Richardson AJ, Poloczanska ES, Hills T, Mieszkowska N, Klein CJ, Watson JEM (2011) Ecosystem-based adaptation in marine ecosystems of tropical Oceania in response to climate change. *Pacific Conservation Biology* 17: 241-258
- 69* Le Borgne R, Allain V, Griffiths SP, Matear RJ, McKinnon AD, <u>Richardson AJ</u>, Young JW (2011) Chapter 4. Vulnerability of open ocean food webs in the tropical Pacific to climate change. In *Vulnerability of Tropical Pacific Fisheries and Aquaculture to Climate Change* (eds, J. Bell, J. Johnson, A. Hobday), pp. 189-249. ISBN: 9789820004719
- 68* Hobday AJ, Game ET, Grantham HS, <u>Richardson AJ</u> (2011) Chapter 14. Missing dimension Conserving the largest habitat on earth: Protected areas in the Pelagic ocean. In *Marine Protected Areas: A multidisciplinary approach*. Ed. Joachim Claudet. Cambridge University Press Ecology, Biodiversity and Conservation Series. pp. 347-372

- 67 Edwards M, Beaugrand G, Hays GC, Koslow JA, <u>Richardson AJ</u> (2010) Multi-decadal oceanic ecological datasets and their application in marine policy and management. *Trends in Ecology and Evolution* 25: 602-610
- 66 Mokany K, <u>Richardson AJ</u>, Poloczanska ES, Ferrier S, Elith J, Robinson L, Reside A, Harwood TD, Dunstan PK, Williams KJ, Hilbert DW, Austin MP, Smith F, Booth TH, Ellis N, Barry S (2010) Uniting marine and terrestrial modelling of biodiversity under climate change. *Trends in Ecology and Evolution* 25: 550-551
- 65 Gibbs M, <u>Richardson AJ</u>, Bustamante R (2010) Adaptive strategy recommended for US ocean planning. *Nature* 465: 685
- 64 Zhou S, Smith ADM, Punt AE, <u>Richardson AJ</u>, Gibbs M, Fulton EA, Pascoe S, Bulman C, Bayliss P, Sainsbury K (2010) Ecosystem-based fisheries management requires a change to the selective fishing philosophy. Proceedings of the National Academy of Science 107: 9485-9489
- 63 Game ET, Grantham HS, Hobday AJ, Pressey RL, Lombard AT, Beckley LE, Gjerde K, Bustamante R, Possingham HP, <u>Richardson AJ</u> (2010) Response to Kaplan et al.: Pelagic MPAs: the devil you know. *Trends in Ecology and Evolution* 25: 63-64
- 62 **Brown CJ**, Fulton EA, Hobday AJ, Matear R, Possingham HP, Bulman C, Christensen V, Forrest RE, Gehrke PC, Gribble NA, Griffiths SP, Lozano-Montes H, Martin JM, Metcalf S, Okey TA, Watson R, <u>Richardson AJ</u> (2010) Effects of climate-driven primary production change on marine food webs: implications for fisheries and conservation. *Global Change Biology* 16: 1194-1212

2009

- 61 <u>Richardson AJ</u>, Bakun A, Hays GC, Gibbons MJ (2009) The Jellyfish Joyride: causes, consequences and management actions. *Trends in Ecology and Evolution* 24: 312-322
- 60 Game ET, Grantham HS, Hobday AJ, Pressey RL, Lombard AT, Beckley LE, Gjerde K, Bustamante R, Possingham HP, <u>Richardson AJ</u> (2009) Pelagic protected areas: the missing dimension in ocean conservation. *Trends in Ecology and Evolution* 24: 360-369
- 59 **Nieblas A-E**, Sloyan BM, Hobday AJ, Coleman R, <u>Richardson AJ</u> (2009) Variability of biological production in low wind-forced regional upwelling systems: a case study off southeastern Australia. *Limnology and Oceanography* 54: 1548-1558
- 58 Gibbons MJ, <u>Richardson AJ</u> (2009) Patterns of jellyfish abundance in the North Atlantic. *Hydrobiologia* 616: 51-65
- 57 Beardall J, Allen D, Bragg J, Finkel ZV, Flynn KJ, Quigg A, Rees TAV, <u>Richardson A</u>, Raven JA (2009) Tansley Review: Allometry and stoichiometry of unicellular, colonial and multicellular phytoplankton. *New Phytologist* 181: 295-309
- 56* <u>Richardson AJ</u> (2009) Plankton and Climate Change. In *Encyclopedia of Ocean Sciences* (2nd Edition) JH Steele, KK Turekian, SA Thorpe (Eds) Elsevier Press ISBN: 978-0-12-374473-9. Pages 4257-4266

- 55 Poloczanska ES, Richardson AJ (2008) Listening to the Ocean's heartbeat. Science 322: 1188
- 54 Poloczanska ES, Hobday AJ, <u>Richardson AJ</u> (2008) Global database is needed to support adaptation science. *Nature* 453: 720

- 53 <u>Richardson AJ</u>, Poloczanska ES (2008) Ocean Science: Under-resourced, under threat. *Science* 320: 1294-1295
- 52 **Richardson AJ**, Gibbons MJ (2008) Are jellyfish increasing in response to ocean acidification? *Limnology and Oceanography* 53: 2040-2045
- 51 <u>Richardson AJ</u> (2008) In hot water: zooplankton and climate change. *ICES Journal of Marine Science* 65: 279-295. https://doi.org/10.1093/icesjms/fsn028
- 50 Hobson VJ, McMahon CR, <u>Richardson AJ</u>, Hays GC (2008) Ocean surface warming: The North Atlantic remains within the envelope of previous recorded conditions. *Deep Sea Research Part I* 55: 155-162
- 49 Raitsos DE, Lavender SJ, Maravelias CD, Haralambous J, <u>Richardson AJ</u>, Reid PC (2008) Identifying four phytoplankton functional groups from space: an ecological approach. *Limnology and Oceanography* 53: 605-613
- 48 Demarcq H, <u>Richardson AJ</u>, Field, JG (2008) Generalised model of primary production in the Southern Benguela upwelling system. *Marine Ecology Progress Series* 354: 59-74
- 47 Lynch TP, Roughan M, McLaughlan D, Hughes D, Cherry D, Critchley G, Allen S, Pender L, Thompson P, Richardson AJ, Coman F, Steinberg C, Terhell D, Seuront L, McLean C, Brinkman G, Meyers G (2008) A National Reference Station infrastructure for Australia using telemetry and central processing to report multi-disciplinary data streams for monitoring marine ecosystem response to climate change. In: OCEANS 2008 MTS/IEEE KOBE-TECHNO-OCEAN '08 (OTO'08), 15-18 September 2008. Oceans 2008: 367-374

- 46 Huggett JA, <u>Richardson AJ</u>, Field JG (2007) Comparative ecology of the copepods *Calanoides carinatus* and *Calanus agulhensis* the influence of temperature and food. *African Journal of Marine Science* 29: 473-490
- 45 Poloczanska ES, Babcock RC, Butler A, Hobday AJ, Hoegh-Guldberg O, Kunz TJ, Matear R, Milton D, Okey TA, <u>Richardson AJ</u> (2007) Climate Change and Australian Marine Life. *Oceanography and Marine Biology Annual Review* 45: 407-478
- 44 Kirby RR, Beaugrand G, Lindley JA, <u>Richardson AJ</u>, Edwards M, Reid PC (2007) Climate effects and benthicpelagic coupling in the North Sea. *Marine Ecology Progress Series* 330: 31-38
- 43* McKinnon AD, <u>Richardson AJ</u>, Burford MA, Furnas MJ (2007). Chapter 6. Vulnerability of Great Barrier Reef plankton to climate change. In Climate Change and the Great Barrier Reef. Great Barrier Reef Marine Park Authority and Australian Greenhouse Office, Australia. pp. 121-152

2006

- 42 Lewis K, Allen JI, <u>Richardson AJ</u>, Holt JT (2006) Error quantification of a high resolution coupled hydrodynamic-ecosystem coastal-ocean model: Part 3, validation with Continuous Plankton Recorder data. *Journal of Marine Systems* 63: 209-224
- 41 Frederiksen M, Edwards M, <u>Richardson AJ</u>, Halliday NC, Wanless S (2006) From plankton to top predators: bottom-up control of a marine food web across four trophic levels. *Journal of Animal Ecology* 75: 1259-1268
- 40 Sims DW, Witt MJ, Richardson AJ, Southall EJ, Metcalfe JD (2006) Encounter success of free-ranging predator movements across a dynamic prey landscape. *Proceedings Royal Society* B 273: 1195-1201
- 39 Edwards M, Johns DG, Leterme SC, Svendsen E, <u>Richardson AJ</u> (2006) Regional climate change and Harmful Algal Blooms in the north-east Atlantic. *Limnology and Oceanography* 51: 820-829
- 38 Stevens D, <u>Richardson AJ</u>, Reid PC (2006) Continuous Plankton Recorder Database: history, current uses and future directions. *Marine Ecology Progress Series* 316: 247-255
- 37 <u>Richardson AJ</u>, Walne AW, John AWG, Jonas TD, Lindley JA, Sims DW, **Witt M** (2006) Using Continuous Plankton Recorder Data. *Progress in Oceanography* 68: 27-74

- 36 Hays GC, <u>Richardson AJ</u>, Robinson C (2005) Climate change and marine plankton. *Trends in Ecology and Evolution* 20: 337-344. https://doi.org/10.1016/j.tree.2005.03.004
- 35 Raitsos DE, Reid PC, Lavender SJ, Edwards M, <u>Richardson AJ</u> (2005) Extending the SeaWiFS chlorophyll dataset back 50 years in the North-east Atlantic. *Geophysical Research Letters* 32, L06603, doi: 10.1029

- 34 Schroeder DC, Biggi GF, Hall M, Davy J, <u>Richardson AJ</u>, Malin G, Wilson WH (2005) A genetic marker to separate *Emiliania huxleyi* (prymnesiophyceae) morphotypes. *Journal of Phycology* 41: 874-879
- 33 Bonnet D, <u>Richardson AJ</u>, Harris R, Hirst A, Beaugrand G, Edwards M, Ceballos S, Diekman R, Lopez-Urrutia A, Valdes L, Carlotti F, Molinero JC, Weikert H, Greve W, Lucic D, Albaina A, Yahia ND, Umani SF, Miranda A, dos Santos A, Cook K, Robinson S, Fernandez de Puelles ML (2005) An overview of *Calanus helgolandicus* ecology in European waters. *Progress in Oceanography* 65: 1-53
- 32 Gibbons MJ, <u>Richardson AJ</u>, Angel MV, Buecher E, Esnal G, Fernadez Alamo MA, Gibson R, Itoh H, Pugh P, Boetger-Schnack R, Thuesen E (2005) What determines the likelihood of species discovery in marine holozooplankton: is size, range or depth important? *Oikos* 109: 567-576
- 31 Southward AJ, Langmead O, Hardman-Mountford NJ, Aiken J, Boalch GT, Dando PR, Genner MJ, Joint I, Kendall M, Halliday NC, Harris RP, Leaper R, Mieszkowska N, Pingree RD, <u>Richardson AJ</u>, Sims DW, Smith T, Walne AW, Hawkins SJ (2005) Long-term oceanographic and ecological research in the western English Channel. *Advances in Marine Biology* 47: 1-105

- 30 <u>Richardson AJ</u>, Schoeman DS (2004) Climate impact on plankton ecosystems in the Northeast Atlantic. Science 305: 1609-1612. https://doi.org/10.1126/science.1100958
- 29 Edwards M, <u>Richardson AJ</u> (2004) Impact of climate change on marine pelagic phenology and trophic mismatch. *Nature* 430: 881-884. https://doi.org/10.1038/nature02808
- 28 <u>Richardson AJ</u>, John E, Irigoien X, Harris RP, Hays GC (2004) How well does the Continuous Plankton Recorder (CPR) sample zooplankton? A comparison with the Longhurst Hardy Plankton Recorder (LHPR) in the northeast Atlantic. *Deep-Sea Research I* 51: 1283-1294
- 27 Barnard R, Batten SD, Beaugrand G, Buckland C, Conway DVP, Edwards M, Finlayson J, Gregory LW, Halliday NC, John AWG, Johns DG, Johnson AD, Jonas TD, Lindley JA, Nyman J, Pritchard P, Reid PC, Richardson AJ, Saxby RE, Sidey J, Smith MA, Stevens DP, Taylor CM, Tranter PRG, Walne AW, Wootton M, Wotton COM, Wright JC (2004) Continuous Plankton Records: Plankton Atlas of the North Atlantic Ocean (1958-1999). II. Biogeographical Charts. Marine Ecology Progress Series Supplement: 11-75
- 26 <u>Richardson AJ</u>, Risien C, Shillington FA (2003) Using self-organizing maps to identify patterns in satellite imagery. *Progress in Oceanography* 59: 223-239

- 25 <u>Richardson AJ</u>, Silulwane NF, Mitchell-Innes BA, Shillington FA (2003) A dynamic quantitative approach for predicting the shape of phytoplankton profiles in the ocean. *Progress in Oceanography* 59: 301-319
- 24 Hardman-Mountford NJ, <u>Richardson AJ</u>, Agenbag JJ, Hagen E, Nykjaer L, Shillington FA, Villacastin C (2003) Ocean climate of the South East Atlantic observed from satellite data and wind models. *Progress in Oceanography* 59: 181-221
- 23 Agenbag JJ, <u>Richardson AJ</u>, Demarcq H, Fréon P, Weeks S, Shillington FA (2003) Estimating environmental preferences of South African pelagic fish species using catch size- and remote sensing data. *Progress in Oceanography* 59: 275-300
- 22 Hardman-Mountford NJ, <u>Richardson AJ</u>, Boyer D, Kreiner A, Boyer H, Bartholomae C (2003) Relating sardine recruitment in the Northern Benguela to processes inferred from satellite-derived sea surface height using a novel pattern recognition approach. *Progress in Oceanography* 59: 241-255
- 21 Johns DG, Edwards M, **Richardson A**, Spicer JI (2003) Increased blooms of a dinoflagellate in the NW Atlantic. *Marine Ecology Progress Series* 265: 283-287
- 20 <u>Richardson AJ</u>, Mitchell-Innes BA, Verheye HM, Fowler JL, Field JG (2003) Seasonal and event-scale variation in growth of *Calanus agulhensis* (Copepoda) in the Benguela upwelling system and implications for spawning of sardine *Sardinops sagax*. *Marine Ecology Progress Series* 254: 239-251
- 19 Sims DW, Southall EJ, <u>Richardson AJ</u>, Reid PC, Metcalf JD (2003) Seasonal movements and behaviour of basking sharks from archival tagging: no evidence of winter hibernation. *Marine Ecology Progress Series* 248: 187-196
- 18 Reid PC, Colebrook JM, Matthews JBL, Aiken J, Barnard R, Batten SD, Beaugrand G, Buckland C, Edwards M, Finlayson J, Gregory L, Halliday N, John AWG, Johns DG, Johnson AD, Jonas TD, Lindley JA, Nyman J, Pritchard P, Richardson AJ, Saxby RE, Sidey J, Smith MA, Stevens DP, Tranter P, Walne A, Wootton M,

Wotton COM, Wright JC (2003) The Continuous Plankton Recorder: Concepts and history, from Plankton Indicator to undulating recorders. *Progress in Oceanography* 57: 117-173

2002

- 17 <u>Richardson AJ</u>, Pfaff MC, Field JG, Silulwane NF, Shillington FA (2002) Identifying characteristic chlorophyll a profiles in the coastal domain using an artificial neural network. *Journal of Plankton Research* 24: 1289-1303
- 16 Schoeman DS, <u>Richardson AJ</u> (2002) Investigating biotic and abiotic factors affecting recruitment of an intertidal clam on an exposed sandy beach using a generalized additive model. *Journal of Experimental Marine Biology and Ecology* 276: 67-81

2001

- 15 **Silulwane SF**, <u>Richardson AJ</u>, Mitchell-Innes BA, Shillington FA (2001) Identification and classification of vertical chlorophyll patterns in the Benguela upwelling system and Angola-Benguela Front using an artificial neural network, In A Decade of Namibian Fisheries Science. Eds Payne AIL, Pillar SC, Crawford RJM. *South African Journal of marine Science* 23: 37-51
- 14 <u>Richardson AJ</u>, Verheye HM, Herbert V, Rogers C, Arendse LM (2001) Egg production, somatic growth and productivity of copepods in the Benguela system and Angola-Benguela Front. *South African Journal of Science* 97: 251-257

2000

- 13 Huggett JA, <u>Richardson AJ</u> (2000) A Review of the Biology of *Calanus agulhensis* off South Africa. *ICES Journal of Marine Science* 57: 1834-1849
- 12 <u>Richardson AJ</u>, Lamberts C, Isaacs G, Moloney CL, Gibbons MJ (2000) Length-weight regressions for some important forage crustaceans from South Africa. *NAGA* 23: 29-33
- 11 <u>Richardson AJ</u>, Maharaj G, Compagno LJV, Leslie RW, Ebert DA, Gibbons MJ (2000) Abundance, distribution, morphometrics, reproductive aspects and diet of the catshark *Holohalaelurus regani*. *Journal of Fish Biology* 56: 552-576

1999

- 10 <u>Richardson AJ</u>, Verheye HM (1999) Growth rates of copepods in the southern Benguela upwelling system: the interplay between body size and food. *Limnology and Oceanography* 44: 382-392
- 9 Mitchell-Innes BA, <u>Richardson AJ</u>, Painting SJ (1999) Seasonal changes in phytoplankton dynamics on the western Agulhas Bank, South Africa. *South African Journal of marine Science* 21: 217-233

- 8 **Richardson AJ**, Verheye HM (1998) The relative importance of food and temperature to copepod egg production and somatic growth in the southern Benguela upwelling system. *Journal of Plankton Research* 20: 2379-2399. https://doi.org/10.1093/plankt/20.12.2379
- Richardson AJ, Mitchell-Innes BA, Fowler JL, Bloomer SF, Field JG, Verheye HM, Hutchings L, Painting SJ (1998) The effect of sea temperature and food availability on the spawning success of the Cape anchovy Engraulis capensis in the southern Benguela. In Benguela Dynamics. Impacts of Variability on Shelf-Sea Environments and their Living Resources. Pillar SC, Moloney CL, Payne AIL, Shillington FA (Eds) South African Journal of marine Science 19: 275-290. https://doi.org/10.2989/025776198784126755
- 6 Hutchings L, Barange M, Bloomer SF, Boyd AJ, Crawford RJM, Huggett JA, Kerstan M, Korrûbel JL, de Oliviera JAA, Painting SJ, <u>Richardson AJ</u>, Shannon LJ, Schülein FH, van der Lingen CD, Verheye HM (1998) Multiple factors affecting South African anchovy recruitment in the spawning, transport and nursery areas. In Benguela Dynamics. Impacts of Variability on Shelf-Sea Environments and their Living Resources. Pillar SC, Moloney CL, Payne AIL, Shillington FA (Eds) *South African Journal of marine Science* 19: 211-225. https://doi.org/10.2989/025776198784126908
- Painting SJ, Hutchings L, Huggett JA, Korrûbel JL, <u>Richardson AJ</u>, Verheye HM (1998) Environmental and biological monitoring for forecasting anchovy recruitment in the southern Benguela upwelling region. Fisheries Oceanography 7: 364-374. https://doi.org/10.1046/j.1365-2419.1998.00086.x

- 4 Verheye HM, <u>Richardson AJ</u> (1998) Long-term increase in crustacean zooplankton abundance in the southern Benguela upwelling region (1951-1996): bottom-up or top-down control? *ICES Journal of Marine Science* 55: 803-807. https://doi.org/10.1006/jmsc.1998.0387
- 3 Verheye HM, <u>Richardson AJ</u>, Hutchings L, Marska G, Gianakouras D (1998) Long-term trends in the abundance and community structure of coastal zooplankton in the southern Benguela system, 1951-1996. In Benguela Dynamics. Impacts of Variability on Shelf-Sea Environments and their Living Resources. Pillar SC, Moloney CL, Payne AIL, Shillington FA (Eds). South African Journal of marine Science 19: 317-332. https://doi.org/10.2989/025776198784126728

2 <u>Richardson AJ</u>, Verheye HM, Field JG, Payne SM, Wright E (1997) Assessment of the food available to Cape anchovy during their spawning season. *South African Journal of marine Science* 18: 113-117. https://doi.org/10.2989/025776197784161180

1996

1 Pitcher GC, <u>Richardson AJ</u>, Korrûbel JL (1996) The use of sea temperature in characterizing the mesoscale heterogeneity of phytoplankton in an embayment of the southern Benguela upwelling system. *Journal of Plankton Research* 18: 643-657. https://doi.org/10.1093/plankt/18.5.643