

## Publications by Daniel Pauly

(November 1973 – March 2022)

**2022-ITEMS IN PEER-REVIEWED JOURNALS**

- Zhai, L. Z Li, Y. Hu, C. Huang, S. Tian, R. Wan and D. Pauly. Assessment of *Coilia mystus* and *C. nasus* in the Yangtze River Estuary, China, using a length-based approach. *Fishes* [in review]
- Keskin, Ç. and D. Pauly. Testing predictions of length at first maturity of teleostean fishes, given their maximum length. [submitted to *Cybiuim*]
- Pauly, D. and J.D. Holmes. Re-assessing growth and mortality estimates for the Ordovician trilobite *Triarthrus eatoni*. *Palaeobiology* [in review]
- Schijns, D. R. Froese and D. Pauly. Reply to Holm et al. “Comment on “Five centuries of cod catches in Eastern Canada”, by Schijns et al.” *ICES Journal of Marine Science* [in press]
- Hillis, D., I. McKechnie, R. Gustas, D. Pauly, W.W.L. Cheung and A.K. Salomon. A Paleothermometer of Ancient Indigenous Fisheries Reveals Increases in Mean Temperature of the Catch Over Five Millennia. *Environmental Biology of Fishes* [in press]
- Pauly, D., L. Matsushige, J. Malacane, A. Hay, E. Chu and M. Warren. 2022. Length-weight relationships and growth parameters of common and leafy seadragons (Syngnathidae) from a public aquarium. *Fishes* 2022, 7, x. doi.org/10.3390/dishes7020077
- Pauly, D., N. Smith and M. Butler. 2022. Growth and related traits of the wool sponge *Hippospongia lachne*: practical and theoretical considerations. *Fisheries Bulletin* 120:99–112, doi: 10.7755/FB.120.2.1
- Ulman, A., S. Kalogirou, D. Pauly. 2022. The dynamics of maximum lengths for the invasive silver-cheeked toadfish (*Lagocephalus sceleratus*) in which Eastern Mediterranean. *Journal of Marine Science and Engineering*, 10, 387, https://doi.org/10.3390/jmse10030387
- Jorgensen, S., F. Micheli, T.D. White, K. S. Van Houtan, J. Alfaro Shigueto, S. Andrzejczek, N. Arnoldi, J.K Baum, B. Block, G.L. Britten, C. Butner, S. Caballero, D. Cardeñosa, T. Chapple, S. Clarke, E. Cortes, N. Dulvy, S. Fowler, A. Gallagher, E.L. Gilman, B. Godley, R.T. Graham, N. Hammerschlag, A.V. Harry, M. Heithaus, M. Hutchinson, C. Huveneers, C.G. Lowe, L.O. Lucifora, T. MacKeracher, J. Mangel, A.P. Barbosa Martins, D.J. McCauley, L. McClenachan, C. Mull, L.J. Natanson, D. Pauly, D.A. Pazmiño, J.C.A. Pistevos, N. Queiroz, G. Roff, B.D. Shea, C. Simpfendorfer, D. Sims, C. Ward-Paige, B. Worm and F. Ferretti. 2022. Emergent research and priorities forelasmobranch conservation. *Endangered Species Research*, doi.org/10.3354/esr01169
- Pauly, D. and C. Liang. 2022. Temperature and the early maturation of fish: a simple sine-wave model for predicting spring spawning. *Environmental Biology of Fishes*, doi:10.1007/s10641-022-01212-0 [with 2 pages of online Supplementary Materials]

**2022 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN**

- Pauly, D., C. Liang and W. Xian (Editors). 2022. Status of Fisheries in East Asia [东亚地区渔业状况] Frontiers Media, Lausanne. [e-book]

**2022 – OTHER ITEMS**

- Pauly, D., W. Cheung, M. Auger-Méthé, V. Christensen, S. Donner, C. Harley, B. Hunt, D. Newell, E. Pakhomov, T. Pitcher, A. Reid, D. Rosen, R. Sumaila, A. Trites, A. Vincent and C. Walters. 2022. In Memoriam: Jeffrey Hutchings. <https://oceans.ubc.ca/2022/02/17/in-memoriam-jeffrey-hutchings/>

**2021-ITEMS IN PEER-REVIEWED JOURNALS**

- Chen, Z., J. Bigman, W. Xian, C. Liang, E. Chu and D. Pauly. 2021. The ratio of length at first maturity to maximum length in marine and freshwater fish. *Journal of Fish Biology*, doi: 10.1111/jfb.i4970
- Pauly, D., C. Liang and W. Xian. 2021. Editorial: Status of Fisheries in East Asia. *Frontiers in Marine Science*, doi: 10.3389/fmars.2021.787217
- Pauly, D. C. Liang, W. Xian, E. Chu and N. Bailly. 2021. The sizes, growth and reproduction of arrow worms (Chaetognatha) in light of the Gill-Oxygen Limitation Theory (GOLT). *Journal of Marine Science and Engineering*, 9, doi.org/10.3390/jmse9121397
- Sumaila, U.R., D. Skerrett, A. Schuhbauer, S. Villasante, A.M. Cisneros-Montemayor, H. Sinan, D. Burnside and 289 additional authors including D. Pauly. 2021. WTO must ban harmful fisheries subsidies. *Science*, doi: 10.1126/science.abm1680
- Pauly, D. C. Piroddi, L. Hood, N. Bailly, El. Chu, V. Lam, E. Pakhomov, L.K. Pshenichnov, V.I. Radchenko and M.L.D. Palomares. 2021. The biology of mesopelagic fishes and their catches (1950-2018) by commercial and experimental fisheries. *Journal of Marine Science and Engineering* 9, 1057; doi.org/10.3390/jmse9101057
- Pauly, D. 2021. Why do fish reach first maturity when they do? *Journal of Fish Biology*, doi: 10111/jfb.14902
- Ulman, A., T. Yildiz, N. Demirel, O. Canak, E. Yemişkend and D. Pauly. 2021. The biology and ecology of the invasive silver-cheeked toadfish (*Lagocephalus sceleratus*), with emphasis on the Eastern Mediterranean. *NeoBiota* 68: 145–175, doi: 10.3897/neobiota.68.71767
- Relano, V., M.L. D. Palomares and D. Pauly. 2021. Comparing the performance of four very large marine protected areas with different levels of protection. *Sustainability* 13, 9572, doi.org/10.3390/su13179572

- Schijns, R., R. Froese, J.A. Hutchings and D. Pauly. 2021. Five centuries of cod catches in Eastern Canada. *ICES Journal of Marine Science*, doi:10.1093/icesjms/fsab153
- Schijns, R., and D. Pauly. 2021. Management implications of shifting baselines in fish stock assessments. *Fisheries Management and Ecology*, doi.org/10.1111/fme.12511
- Kang, D., A. Bakun, L. Lin, and D. Pauly. 2021 The increase of a hypoxia-tolerant fish, the Bombay duck (*Harpadon nehereus*) as a result of ocean deoxygenation off southwestern China. *Environmental Biology of Fishes*, doi.org/10.1007/s10641-021-01130-7
- Zeller, D., G. Vianna, M. Ansell, A. Coulter, B. Derrick, K. Greer, S.-L. Noël, M.L.D. Palomares, A. Zhu and D. Pauly. 2021. Fishing effort and associated catch per unit effort for small-scale fisheries in the Mozambique Channel region: 1950-2016. *Frontiers in Marine Science*, doi: 10.3389/fmars.2021.707999
- Kangur, K., E. Tammiksaar and D. Pauly. 2021. A reflection of global warming in the long-term fisheries catch of a large north-temperate lake: Insights from the 'Mean Temperature of the Catch' concept. *Environmental Biology of Fishes*, doi: 10.1007/s10641-021-01114-7
- Amarasinghe, U.S. and D. Pauly. 2021 The relationship between size at maturity and maximum size in cichlid populations corroborates the Gill-Oxygen Limitation Theory (GOLT). *Asian Fisheries Science* 34: 14-22.
- Pauly, D. 2021. The Gill-Oxygen Limitation Theory (GOLT) and its critics. *Science Advances*, 7(2), <https://doi.org/10.1126/sciadv.abc6050>

### 2021 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Palomares, M.L.D., S. Baxter, N. Bailly, E. Chu, B. Derrick, M. Frias-Donaghey, S.-Luc Noël, E. Page, R. Schijns, J. Woroniak, L. Abucay, E. David, S. de Leo, M. Nevado, S. Ortiz, V.A. Parducho, P.S. Yap, M. Ansell, L. Hood, G. Vianna, R. White, D. Zeller and D. Pauly. 2021. *Estimating the biomass of commercially exploited fisheries stocks left in the ocean*. *Fisheries Centre Research Reports* 29 (3): 74 p.
- Pauly, D., C. Liang and W. Xian. 2021. Editorial: The Status of Fisheries in East Asia. *Frontiers in Marine Sciences*, 8:787217, doi: 10.3389/fmars.2021.787217 [in English and Chinese, serving as Introduction to a Research Topic and an e-book with 15 contributions covering fisheries in Mainland China, Taiwan, Japan and South Korea]
- Nesslage, N. and D. Pauly. Estuarine fisheries and aquaculture. Chapter 18 *In*: B.C. Crump, J.M. Testa and K.H. Dunton (eds). *Introduction to Estuarine Ecology*. Third Edition. Wiley [in press]
- Steadman, D., J.B. Thomas, V. Villanueva, F. Lewis, D. Pauly, M.L.D. Palomares, N. Bailly, M. Levine, J. Virdin, S. Rocliffe, T. Collinson. 2021. New perspectives on an old fishing practice: context, impacts, and solutions to bottom trawling. Report to Ocean Five, 43 p.
- Pauly, D. 2021. 喘息——氧气 温度与鳃呼吸动物的生长 [Gaspings Fish and Panting Squids: Oxygen, Temperature and the Growth of Water-Breathing Animals – 2<sup>nd</sup> Edition]. Translated and updated by Jianguo Du; China Ocean Press, Beijing.
- Dimarchopoulou, D., A. Tsikliras, R. Froese and D. Pauly. 2021. Fish Stocks *In*: S. Levin (ed.) *Encyclopedia of Biodiversity*. Academic Press/Elsevier. doi.org/101016/B978-0-12-822562-2.00001-3 [Updated and expanded version of Pauly and Froese's entries in the 1<sup>st</sup> (2001) and 2<sup>nd</sup> edition (2013)]
- Khalfallah, M. and D. Pauly. 2021. The marine and diadromous fisheries of Iraq. Chapter 62, p. 1301 – 1308 (vol. 2) *In*: L.A. Jawad (ed.). *Tigris and Euphrates Rivers: their Environment from Headwaters to Mouth*. Springer Publisher, Switzerland.
- Cury, P. and D. Pauly. 2021. *Obstinate Nature*. Odile Jacob, Paris [English version, with a foreword by Paul Ehrlich, of Cury, P. and D. Pauly. 2013. *Mange tes méduses ! Réconcilier les cycles de la vie et la flèche du temps*. Odile Jacob, Paris, 216 p.]
- Khalfallah, D. Zeller and D. Pauly. 2021. The Fisheries of the Arabian Sea Large Marine Ecosystem, p. 883-895 *In*: L.A. Jawad (ed.). *The Arabian Seas: Biodiversity, Environmental Challenges and Conservation Measures*. Springer Publisher, Switzerland.
- Pauly, D. and E. Chu (Editors). 2021. *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Report 29(1), University of British Columbia, Vancouver, 115 p. <http://hdl.handle.net/2429/77624>.
- Pauly, D. 2021. Jack Randall (1924 – 2020): a friend of FishBase, p. 5-8 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. 2021. Darwin was no Baconian, p. 9-10 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. 2021. From a Basement Office to the Imperial Palace, p. 10-15 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Reeves, A. and D. Pauly. 2021. Invasive vs. Vanishing Fish, p. 16-21 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. and I. Huvila. 2021. Sharing Science: an interview of Daniel Pauly by Isto Huvila, p. 22-34 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. 2021. The Oceans' Shifting Baselines: Comments on a TED Talk, p. 35-40 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Grémillet, D., B.D. Hardesty, H.K. Lotze, D. Obura, D. Pauly, Y.-J. Shin and U.R. Sumaila. 2021. The oceans and COVID-19: A ten-point agenda for action, p. 41-44 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Palomares, M.L.D., N. Bailly, E. Bato, E. Capuli, J.C. Espedido, R. Gallano, C. Hoornaert, S. Luna, R. Polido, K. Reyes, R.R. Valdestamon, P.M.S. Yap and D. Pauly. 2021. Some aspects of the marine biodiversity of French Polynesia, p. 45-56 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. and Chu. 2021. Key Traits of Amphioxus Species (Cephalochordata) and the GOLT. p. 57-66 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Report 29(1), University of British Columbia, Vancouver.
- Pauly, D. 2021. Pre-submission draft of 'The GOLT and its critics' p. 67-115 *In*: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Report 29(1), University of British Columbia, Vancouver.

Pauly, D. 2021. [Japanese version of ‘*Vanishing Fish: Shifting Baselines and the Future of Global Fisheries*’, as translated by Fumihito Muto]. Tokai University Press, Tokyo, 211 p.

### 2021 – OTHER ITEMS

- Pauly, D. 2021. Témoignage – Rétrospective du premier congrès franco-canadien sur les sciences aquatiques à St. Pierre et Miquelon. *OUTRE-MER, l’E-Mag Ultramarin de l’Environnement*, No. 7, p. 10. [Also : English version].
- Pauly, D. 2021. How can we bring fisheries back from the brink? *Oceana Magazine*, Winter 2021, p. 26-29.
- Schijns, R. and D. Pauly. 2021. The widespread practice of truncating time series data in fisheries. *Ocean Past News*, No. 21: 2-3.
- Pauly, D. 2021. What is sustainability? *Oceana Magazine*, Fall 2021, p. 32-33.
- Pauly, D. 2021. What Netflix’s *Seaspiracy* gets wrong about fishing, explained by a marine biologist. [www.vox.com/2021/4/13/22380637/seaspiracy-netflix-fact-check-fishing-ocean-plastic-veganism-vegetarianism](http://www.vox.com/2021/4/13/22380637/seaspiracy-netflix-fact-check-fishing-ocean-plastic-veganism-vegetarianism).
- Pauly D. 2021. Foreword, p. ix-x In: H. Bardi & I. Perissi. *The Empty Sea: The Future of the Blue Economy*. A report of the Club of Rome; Springer, Switzerland.
- Pauly, D. 2021. Assessing the status of exploited tropical fish populations: the challenges and their solutions, p. 1. In: Book of Abstracts, online conference on “Sustainable Marine Fisheries and Aquaculture: Policies, Packages and Perspectives in the Blue Economy Paradigm”. University of Kerala and Shastri Indo-Canadian Institute.
- Pauly D. 2021. Why is the creation of marine protected areas such as contentious issue? *Oceana Magazine*, Spring, p. 30-31.
- Palomares, M/L.D., N. Bailly, E. David, V.A. Parducho, R. Schijns, G. Vianna, R. Froese, D. Zeller and D. Pauly. 2021. Documenting and mapping the global expansion of industrial overfishing from 1950 to 2018. Presentation and abstract submitted to the World Fisheries Congress, Theme 2: Fish and Aquatic Ecosystems (Biodiversity, Conservation, Ecosystem Function, Integrated Management); Session 37: Juggling Biodiversity, Resource Management and Food Security, Adelaide, Australia [Abstracts also submitted: ‘Baseline of fisheries catches in African Large Marine Ecosystems’ by D. Zeller, L. Hood, M.L.D. Palomares and D. Pauly; ‘Always evolving: Recent advances in the CMSY stock assessment method and comparison with traditional assessments’ by G. Vianna, R. Froese, M.L.D. Palomares, D. Zeller and D. Pauly]
- Sumaila, U. R., A. Pierucci, M. Oyinlola, R. Cannas, R. Froese, S. Glasser, J. Jacquet, B. Kaiser, I. Issifu, F. Micheli, R. Naylor and D. Pauly. Aquaculture Over-Optimism. Preprint available at SSRN: <https://ssrn.com/abstract=3802024>.

### 2020-ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. and R. Froese. 2020. MSY needs no epitaph- but it was abused. *ICES Journal of marine Science*. doi:10.1093/icesjms/fsaa224
- Bellido, J.M., Sumaila, U.R., Sánchez-Lizaso J.L., Palomares M.L.D. and Pauly, D. 2020. Input versus output controls as instruments for fisheries management with a focus on Mediterranean fisheries. *Marine Policy* 118: 103786
- de la Puente, S. R. López de la Lama, S. Benavente, J.C. Sueiro and D. Pauly. 2020. Growing into poverty: reconstructing Peruvian small-scale fishing effort between 1950 and 2018. *Frontiers in Marine Science*, doi.org/10.3389/fmars.2020.00681
- Zhai, L. C. Liang and D. Pauly. 2020. Assessments of 15 exploited fish stocks in Chinese waters using the CMSY and BSM methods. *Frontiers in Marine Science* 7: 483993; doi: 103389/fmars.2020.483993
- Ulman, A, M. Zengin, N. Demirel and D. Pauly. The fish of Turkey’s past: a recent history of disappeared species and commercial fishery extinction from the Black and Marmara Seas. *Frontiers in Marine Science* 14, doi.org/10.3389/fmars.2020.00650 [with modified/corrected map; doi.org/10.3389/fmars.2020.600242]
- Vianna, G., D. Zeller and D. Pauly. 2020. Fisheries and policy implications for human nutrition. *Current Environmental Health Reports* 7: 161-169.
- Kemp, P., R. Froese and D. Pauly. 2020. COVID-19 provides an opportunity to advance a sustainable UK Fisheries Policy in a post-Brexit brave new world. *Marine Policy* 120, doi.org/10.1016/j.marpol.2020.104114.
- Moradian, N., H.D. Ochs, M.R. Hamblin, C.A. Camargo, J.A. Martinez, J.D. Biamonte, M. Abdollahi, P.J. Torres, J.J. Nieto, S. Ogino, J.F. Seymour, A. Abraham, V. Cauda, S. Gupta, S. Ramakrishna, F.W. Sellke, A. Sorooshian, A. Wallace Hayes, L.Q. Uddin, M. Gupta, L. Azadbakht, A. Esmaeilzadeh, R. Kelishadi, A. Esteghamati, R. Majdzadeh, H. Badali, I. Rao, A.A. Saboury, L.J. Mohan Rao, H. Ahmadi, A. Montazeri, G.P. Fadini, D. Pauly, S. Thomas, A.A. Moosavi-Movahed, A. Aghamohammadi, M. Behmanesh, V. Rahimi-Movaghar, S. Ghavami, R. Mehran, M. von Herrath, B. Mobasher and N. Rezaei. 2020. The Absolute Need of Integrated Science to Fight COVID-19 Pandemic and Beyond. *Journal of Translational Medicine* 18(205), doi: 10.1186/s12967-020-02364-2
- Zeller, D., L. Hood, M.L.D. Palomares , U.R. Sumaila , M. Khalfallah, D. Belhabib , J. Woroniak and D. Pauly. Comparative fishery yields of African Large Marine Ecosystems. *Environmental Development*, 36, : 100543, doi.org/10.1016/j.endev.2020.100543
- Palomares, M.L.D., R. Froese, B. Derrick, J.J. Meeuwig, S.-L. Nöel, G. Tsui, J. Woroniak, D. Zeller and D. Pauly, D. 2020. Fisheries biomass trends of exploited fish populations in marine ecoregions, climatic zones and ocean basins. *Estuarine, Coastal and Shelf Science*, doi.org/10.1016/j.css.2020.106896
- Kerley, G.I.H., M. te Beest, J. P.M.G. Cromsigt, D. Pauly and S. Shultz. 2020. The protected area paradox and refugee species: the giant panda and shifted baselines towards conserving species in marginal habitats. *Conservation Science and Practice* 2020;e203; doi.org/10.1111/csp2.203, 6 p.
- Zhai, L. and D. Pauly. 2020. Construction and interpretation of particle size distribution spectra from 19 Ecopath models of Chinese coastal ecosystems. *Frontiers in Marine Science*, 7(298), doi: 10.3389/fmars.2020.00298



- Liang, C., W. Xian and D. Pauly. 2020. Assessments of 15 exploited fish stocks in Chinese, South Korean and Japanese waters using the CMSY and BSM methods. *Frontiers in Marine Science*. 7(298 doi: 10.3389/fmars.2020.00298. [With Supplementary Materials]
- Liang, C. W. Xian, S. Liu and D. Pauly. 2020. Assessments of 14 exploited fish and invertebrate stocks in Chinese waters using the LBB method. *Frontiers in Marine Science* 7:314. doi: 10.3389/fmars.2020.00314.
- Salinas-de-León, P., S. Andrade, C. Arnés-Urgellés, J. R. Bermudez, S. Bucaram, S. Buglass, F. Cerutti, W. Cheung, C. De la Hoz, V. Hickey, G. Jiménez-Uzcátegui, I. Keith, J. R. Marín Jarrín, P. Martí-Puig, M. Medina, A. Moya, D. Pauly, D. Orellana, R. Ostergaard-Klem, C. Stock, J. Witman and B. Worm. 2020. Evolution of the Galapagos in the Anthropocene. *Nature Climate Change* doi.org/10.1038/s41558-020-0761-9
- Harper, S., M. Adshade, V. Lam, D. Pauly and U.R. Sumaila. 2020. Valuing invisible catches: an estimate of the contributions by women to small-scale fisheries catches. *PLoS ONE* 15(3):e0228912
- Hay, A. W. Xian, N. Bailly, C. Liang and D. Pauly. 2020. The why and how of determining length-weight relationships of fish from preserved museum specimens. *Journal of Applied Ichthyology*, doi 10.1111/jai.14014.
- Pauly, D. 2020. Sidney Holt (1926-2019): influential fisheries scientist and savior of whales. *Science* 367(6479): 744; doi 10.1126/science.abat8964
- Sumaila, U.R., D. Zeller, L. Hood, M.L.D. Palomares, Y. Li and D. Pauly. 2020. Illicit trade in marine fish catch and its effects on ecosystems and people worldwide. *Science Advances* 6:eaaz3801.
- Freire, K.M.F., D. Belhabib, J.C. Espedido, L. Hood, K.M. Kleisner, V.W.L. Lam, M.L. Machado, J.T. Mendonça, J.J. Meeuwig, P.S. Moro, F.S. Motta, M.L.D. Palomares, N. Smith, L. Teh, D. Zeller, K. Zylich and D. Pauly. 2020. Estimating global catches of marine recreational fisheries. *Frontiers in Marine Sciences*. doi: 10.3389/fmars.2020.00012
- Du, J. , P.C. Makatipu, L.S.R. Tao, D. Pauly, W.W.L. Cheung, T. Peristiwady, J. Liao, and B. Chen. 2020. Comparing trophic structure of a tropical marine food web as estimates from mass-balance ecosystem model and stable isotope analysis. *Estuarine, Coastal and Shelf Science* 233, 106518

#### 2020 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Sherman, K and B. Petersen (Editors), 2020. Ocean Sustainability: Assessing and Managing the World's Large Marine Ecosystems. Scientific Committee of Problems of the Environment/SCOPE vol. 73, 694 p. [This reprints on p. 24-52 35: Pauly, D. and V. Christensen. 1993. Stratified models of large marine ecosystems: a general approach and an application to the South China Sea, p. 148-174. *In*: K. Sherman., L.M. Alexander and B.D. Gold (eds.) *Stress, mitigation and sustainability of large marine ecosystems*, AAAS, Wash. D.C.; on p. 54-566: Christensen, V., C.J. Walters, R. Ahrens, J. Alder, J. Buszowski, L.B. Christensen, W.W.L. Cheung, J. Dunne, R. Froese, V. Karpouzi, K. Kaschner, K. Kearney, S. Lai, V.W.Y. Lam, M.L.D. Palomares, A. Peters-Mason, C. Piroddi, J.L. Sarmiento, J. Steenbeek, U.R. Sumaila, R. Watson, D. Zeller and D. Pauly. 2009. Database-driven models of the world's Large Marine Ecosystems. *Ecological Modelling* 220: 1984-1996; on p. 103-127: Pauly, D. and V.W.Y. Lam. 2016. The status of fisheries in large marine ecosystems, 1950-2010, p. 113-137 *In*: Large Marine Ecosystems: Status and Trends. United Nations Environment Programme, Nairobi, and on p. 163-180: Belhabib, D., A. Mendy, Y. Subah, N.T. Broh, A.S. Jueseah, N. Nipey, N. Willemse, D. Zeller and D. Pauly. 2015. Fisheries catch under-reporting in The Gambia, Liberia and Namibia and the three Large Marine Ecosystems which they represent. *Environmental Development*, 17: 157- 174].
- Derrick, B., M. Khalfallah, V. Relano, D. Zeller and D. Pauly (Editors). 2020. Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic. Fisheries Centre Research Report 28(5), 321 p. <http://hdl.handle.net/2429/77672>
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