Literatura Citada

Almandoz, G.O., Cefarelli, A.O., Diodato, S., Montoya, N.G. , Benavides, H.R., Carignan, M., & Hernando, M. (2019). Harmful Phytoplankton in the Beagle Channel (South America) as a Potential Threat to Aquaculture Activities. *Marine Pollution Bulletin*, 145: 105–17. <https://doi.org/10.1016/j.marpolbul.2019.05.026>.

Arkhipkin, A., & Laptikhovsky, V. (2013). From Gelatinous to Muscle Food Chain: Rock Cod Patagonotothen Ramsayi Recycles Coelenterate and Tunicate Resources on the Patagonian Shelf. *Journal of Fish Biology*, 83(5): 1210–20. <https://doi.org/10.1111/jfb.12217>.

Bascompte, J., Melián, C.J., & Sala, E. (2005). Interaction Strength Combinations and the Overfishing of a Marine Food Web. *Proceedings of the National Academy of Sciences*, 102(15): 5443–47. <https://doi.org/10.1073/pnas.0501562102>.

Barrera-Oro, E., Moreira, E., Seefeldt, M.A., Valli Francione, M., & Quartino, M.L. (2019). The importance of macroalgae and associated amphipods in the selective benthic feeding of sister rockcod species *Notothenia rossii* and *N. coriiceps* (Nototheniidae) in West Antarctica. *Polar Biology*, 42(2): 317-334.

Belgrano, A., Scharler, U.M., Dunne, J., & Ulanowicz, R.E. (2005). Aquatic Food Webs: An Ecosystem Approach (1ª edn.). Oxford, England: Oxford Editorial.

Biancalana, F., & Torres, A.I. (2011). Variations of Mesozooplankton Composition in a Eutrophicated Semi-Enclosed System (Encerrada Bay, Tierra Del Fuego, Argentina). *Brazilian Journal of Oceanography*, 59(2): 195–99. <https://doi.org/10.1590/S1679-87592011000200008>.

Borrelli, J.J., Allesina, S. , Amarasekare, P. , Arditi, R., Chase, I., Damuth, J. , & Holt, R.D. (2015). Selection on Stability Across Ecological Scales. *Trends in Ecology & Evolution*, 30(7): 417–25. <https://doi.org/10.1016/j.tree.2015.05.001>.

Briand, F., & Cohen, J. (1987). Environmental Correlates of Food Chain Length. *Science*, 238(4829): 956-960. https://www.science.org/doi/abs/10.1126/science.3672136.

Brown, J.H., Gillooly, J.F., Allen, A.P., Savage, V.M., & West, G.B. (2004). Toward a Metabolic Theory of Ecology. *Ecology*, 85(7): 1771–89. <https://doi.org/10.1890/03-9000>.

Bulgin, C.E., Merchant, C.J., & Ferreira, D. (2020). Tendencies, Variability and Persistence of Sea Surface Temperature Anomalies. *Scientific Reports*, 10(1): 7986. <https://doi.org/10.1038/s41598-020-64785-9>.

Byrnes, J.E., Reynolds, P.L., & Stachowicz, J.J. (2007). Invasions and Extinctions Reshape Coastal Marine Food Webs. *PLOS ONE*, 2(3): e295. <https://doi.org/10.1371/journal.pone.0000295>.

Cohen, J.E., & Stephens, D.W. (1978). Food Webs and Niche Space (1ª edn.). Princeton, USA: Princeton University Press.

Cordone, G., Marina, T.I., Salinas, V., Doyle, S.R., Saravia, L.A., & Momo, F.R. (2018). Effects of Macroalgae Loss in an Antarctic Marine Food Web: Applying Extinction Thresholds to Food Web Studies. *PeerJ*, 6: e5531. <https://doi.org/10.7717/peerj.5531>.

Cordone, G., Salinas, V., Marina, T.I., Doyle, S.R., Pasotti, F., Saravia, L.A., & Momo, F.R. (2020). Green Vs Brown Food Web: Effects of Habitat Type on Multidimensional Stability Proxies for a Highly-Resolved Antarctic Food Web. *Food Webs*, 25: e00166. <https://doi.org/10.1016/j.fooweb.2020.e00166>.

Dans, S.L., Cefarelli, A.O., Galván, D.E., Góngora, M.E., Martos, P., Varisco, M.A., Alvarez Colombo, G.L., … & Zárate, M.D. (2021). El Golfo San Jorge como área prioritaria de investigación, manejo y conservación en el marco de la Iniciativa Pampa Azul. *Investigación y Ciencia*, 71: 21-43.

deYoung, B., Barange, M., Beaugrand, G., Harris, R., Perry, R.I., Scheffer, M., & Werner, F. (2008). Regime Shifts in Marine Ecosystems: Detection, Prediction and Management. *Trends in Ecology & Evolution*, 23(7): 402–9. <https://doi.org/10.1016/j.tree.2008.03.008>.

Dunne, J.A., Williams, R.J., & Martinez, N.D. (2002). Network Structure and Biodiversity Loss in Food Webs: Robustness Increases with Connectance. *Ecology Letters*, 5(4): 558–67. <https://doi.org/10.1046/j.1461-0248.2002.00354.x>.

Eklöf, A., Tang, S., & Allesina, S. (2013). Secondary Extinctions in Food Webs: A Bayesian Network Approach. *Methods in Ecology and Evolution*, 4(8): 760–70. <https://doi.org/10.1111/2041-210X.12062>.

Eklöf, J.S., Sundblad, G., Erlandsson, M., Donadi, S., Hansen, J.P., Eriksson, B.K., & Bergström, U. (2020). A Spatial Regime Shift from Predator to Prey Dominance in a Large Coastal Ecosystem. *Communications Biology*, 3(1): 1–9. <https://doi.org/10.1038/s42003-020-01180-0>.

Emmerson, M., & Yearsley, J.M. (2004). Weak Interactions, Omnivory and Emergent Food-Web Properties. *Proceedings of the Royal Society B: Biological Sciences*, 271(1537): 397–405. <https://doi.org/10.1098/rspb.2003.2592>.

Falabella, V. (2017). Área Marina Protegida Namuncurá-Banco Burdwood. Contribuciones Para La Línea de Base y El Plan de Manejo (1ª edn.). Jefatura de Gabinete de Ministros. Buenos Aires, Argentina.

Fernández, D.A., Ciancio, J., Ceballos, S.G., Riva-Rossi, C., & Pascual, M.A. (2010). Chinook Salmon (Oncorhynchus Tshawytscha, Walbaum 1792) in the Beagle Channel, Tierra Del Fuego: The Onset of an Invasion. *Biological Invasions*, 12(9): 2991–97. <https://doi.org/10.1007/s10530-010-9731-x>.

Fioramonti, N.E., Ribeiro Guevara, S., Becker, Y.A., & Riccialdelli, L. (2022). Mercury Transfer in Coastal and Oceanic Food Webs from the Southwest Atlantic Ocean. *Marine Pollution Bulletin*, 175: 113365. <https://doi.org/10.1016/j.marpolbul.2022.113365>.

Franco, B.C., Palma, E.D., Combes, V., Acha, E.M., & Saraceno, M. (2018). Modeling the Offshore Export of Subantarctic Shelf Waters From the Patagonian Shelf. *Journal of Geophysical Research: Oceans*, 123(7): 4491–4502. <https://doi.org/10.1029/2018JC013824>.

Funes, M. (2020). *Efectos de La Pesca de Arrastre Sobre La Estructura Trófica Del Norte Del Golfo San Jorge*. Tesis de doctorado. Puerto Madryn, Argentina: Universidad Nacional San Juan Bosco.

Funes, M., Marinao, C., & Galván, D.E. (2019). Does Trawl Fisheries Affect the Diet of Fishes? A Stable Isotope Analysis Approach. *Isotopes in Environmental and Health Studies*, 55(4): 327–43. <https://doi.org/10.1080/10256016.2019.1626381>.

Funes, M., Saravia, L.A., Cordone, G., Iribarne, O.O., & Galván, D.E. (2022). Network Analysis Suggests Changes in Food Web Stability Produced by Bottom Trawl Fishery in Patagonia. *Scientific Reports*, 12(1): 10876. <https://doi.org/10.1038/s41598-022-14363-y>.

García Alonso, V.A., Brown, D., Martín, J., Pájaro, M., & Capitanio, F.L. (2018). Seasonal Patterns of Patagonian Sprat Sprattus Fuegensis Early Life Stages in an Open Sea Sub-Antarctic Marine Protected Area. *Polar Biology*, 41(11): 2167–79. <https://doi.org/10.1007/s00300-018-2352-z>.

Gil, M.N., Torres, A.I., Amin, O., & Esteves, J.L. (2011). Assessment of Recent Sediment Influence in an Urban Polluted Subantarctic Coastal Ecosystem. Beagle Channel (Southern Argentina). *Marine Pollution Bulletin*, 62(1): 201–7. <https://doi.org/10.1016/j.marpolbul.2010.10.004>.

Góngora, M.E., González-Zevallos, D., Pettovello, A., & Mendía, L. (2012). Caracterización de Las Principales Pesquerías Del Golfo San Jorge Patagonia, Argentina. *Latin American Journal of Aquatic Research*, 40(1): 1–11.

Gutt, J., Isla, E., Xavier, J.C., Adams, B.J., Ahn, I., Cheng, C.-H., Colesie, C., … & Wall, D.H. (2021). Antarctic Ecosystems in Transition Life Between Stresses and Opportunities. *Biological Reviews*, 96(3): 798–821. <https://doi.org/10.1111/brv.12679>.

Hagstrom, G.I., & Levin, S.A. (2017). Marine Ecosystems as Complex Adaptive Systems: Emergent Patterns, Critical Transitions, and Public Goods. *Ecosystems*, 20(3): 458–76. <https://doi.org/10.1007/s10021-017-0114-3>.

Hall, S.J., & Raffaelli, D.G. (1997). Food Web Patterns: What Do We Really Know? In A.C., Gange & V.K. Brown (Eds.), *Multitrophic Interactions in Terrestrial Systems* (pp. 395-417). Blackwells.

Halpern, B.S., Selkoe, K.A., Micheli, F., & Kappel, C.V. (2007). Evaluating and Ranking the Vulnerability of Global Marine Ecosystems to Anthropogenic Threats. *Conservation Biology*, 21(5): 1301–15. <https://doi.org/10.1111/j.1523-1739.2007.00752.x>.

Jacob, U., Thierry, A., Brose, U., Arntz, W.E., Berg, S., Brey, T., Fetzer, I., … & Dunne, J.E. (2011). The Role of Body Size in Complex Food Webs: A Cold Case. *Advances in Ecological Research*, 45:181–223. https://doi.org/<http://dx.doi.org/10.1016/B978-0-12-386475-8.00005-8>.

Jacquet, C., Moritz, C., Morissette, L., Legagneux, P., Massol, F., Archambault, P., & Gravel, D. (2016). No Complexity stability Relationship in Empirical Ecosystems. *Nature Communications*, 7(1): 12573. <https://doi.org/10.1038/ncomms12573>.

Johnson, S., Domínguez-García, V., Donetti, L., & Muñoz, M.A. (2014). Trophic Coherence Determines Food-Web Stability. *Proceedings of the National Academy of Sciences*, 111(50): 17923–28. <https://doi.org/10.1073/pnas.1409077111>.

Kortsch, S., Frelat, R., Pecuchet, L., Olivier, P., Putnis, I., Bonsdorff, E., Ojaveer, H., … & Nordström, M.C. (2021). Disentangling Temporal Food Web Dynamics Facilitates Understanding of Ecosystem Functioning. *Journal of Animal Ecology*, 90(5): 1205–16. <https://doi.org/10.1111/1365-2656.13447>.

Kortsch, S., Primicerio, R., Fossheim, M., Dolgov, A.V., & Aschan, M. (2015). Climate Change Alters the Structure of Arctic Marine Food Webs Due to Poleward Shifts of Boreal Generalists. *Proceedings of the Royal Society B: Biological Sciences*, 282(1814): 20151546. <https://doi.org/10.1098/rspb.2015.1546>.

Landi, P., Minoarivelo, H.O., Brännström, Å., Hui, C,.& Dieckmann, U. (2018). Complexity and StabilityStability of Adaptive Ecological Networks: A Survey of the Theory in Community Ecology. In P. Mensah, D. Katerere, S. Hachigonta & A. Roodt (Eds.), *Systems Analysis Approach for Complex Global Challenges* (pp. 209–48). Cham: Springer International Publishing. <https://doi.org/10.1007/978-3-319-71486-8_12>.

Leemput, I.A., van Nes, E.H., & Scheffer, M. (2015). Resilience of Alternative States in Spatially Extended Ecosystems. *PLOS ONE*, 10(2): e0116859. <https://doi.org/10.1371/journal.pone.0116859>.

Lovrich, G. (2014). Línea de Base Sobre Las Unidades Ecológicas Del Mar Argentino y Sus Pesquerías Asociadas. Informe elaborado en el marco de la etapa de preparación del proyecto de inversión GEF/FAO. <https://doi.org/10.13140/RG.2.2.20638.59201>.

Lovrich, G.A. (1997). La Pesquería Mixta de Las Centollas Lithodes Santolla y Paralomis Granulosa (Anomura: Lithodidae) En Tierra Del Fuego, Argentina. *Investigaciones Marinas*, 25: 41–57. <https://doi.org/10.4067/S0717-71781997002500004>.

Marina, T.I. (2021). La Red Trófica Del AMP: Base de Datos y Resultados Preliminares. Taller Científico AMP Namuncurá - Banco Burdwood.

Marina, T.I., Saravia, L.A., Cordone, G., Salinas, V., Doyle, S.R., & Momo, F.R. (2018a). Architecture of Marine Food Webs: To Be or Not Be a ‘Small-World’. *PLOS ONE*, 13(5): e0198217. <https://doi.org/10.1371/journal.pone.0198217>.

Marina, T.I., Salinas, V., Cordone, G., Campana, G., Moreira, E., Deregibus, D., Torre, L. … & Momo, F.R. (2018b). The Food Web of Potter Cove (Antarctica): Complexity, Structure and Function. *Estuarine, Coastal and Shelf Science*, 200: 141–51. <https://doi.org/10.1016/j.ecss.2017.10.015>.

Martinez, N.D. (1993). Effects of Resolution on Food Web Structure. *Oikos*, 66(3): 403–12. <https://doi.org/10.2307/3544934>.

Matano, R.P., Palma, E.D., & Combes, V. (2019). The Burdwood Bank Circulation. *Journal of Geophysical Research: Oceans*, 124(10): 6904–26. <https://doi.org/10.1029/2019JC015001>.

May, R. (1973). Stability and Complexity in Model Ecosystems (1ª edn.). Princeton, USA: Princeton University Press.

McCarthy, A.H., Peck, L.S., Hughes, K.A., & Aldridge, D.C. (2019). Antarctica: The Final Frontier for Marine Biological Invasions. *Global Change Biology*, 25(7): 2221–41. <https://doi.org/10.1111/gcb.14600>.

McCormack, S.A., Melbourne-Thomas, J., Trebilco, R., Blanchard, J.L., & Constable, A. (2020). Alternative Energy Pathways in Southern Ocean Food Webs: Insights from a Balanced Model of Prydz Bay, Antarctica. *Deep Sea Research Part II: Topical Studies in Oceanography*, 174: 104613. <https://doi.org/10.1016/j.dsr2.2019.07.001>.

Meredith, M.P., & King, J.C. (2005). Rapid Climate Change in the Ocean West of the Antarctic Peninsula During the Second Half of the 20th Century. *Geophysical Research Letters*, 32(19). <https://doi.org/10.1029/2005GL024042>.

Neutel, A-M., Heesterbeek, J.A.P., van de Koppel, J., Hoenderboom, G., Vos, A., Kaldeway, C., Berendse, F., & de Ruiter, P.C. (2007). Reconciling Complexity with Stability in Naturally Assembling Food Webs. *Nature*, 449(7162): 599–602. <https://doi.org/10.1038/nature06154>.

Nilsson, K.A., & McCann, K.S. (2016). Interaction Strength Revisited clarifying the Role of Energy Flux for Food Web Stability. *Theoretical Ecology*, 9(1): 59–71. <https://doi.org/10.1007/s12080-015-0282-8>.

Olivier, P., & Planque, B. (2017). Complexity and Structural Properties of Food Webs in the Barents Sea. *Oikos*, 126(9): 1339–46. <https://doi.org/10.1111/oik.04138>.

Ortiz, M., Hermosillo-Nuñez, B., González, J., Rodríguez-Zaragoza, F., Gómez, I., & Jordán, F. (2017). Quantifying Keystone Species Complexes: Ecosystem-based Conservation Management in the King George Island (Antarctic Peninsula). *Ecological Indicators*, 81: 453–60. <https://doi.org/10.1016/j.ecolind.2017.06.016>.

Padovani, L.N., Viñas, M.D., Sánchez, F., & Mianzan, H. (2012). Amphipod-Supported Food Web: Themisto Gaudichaudii, a Key Food Resource for Fishes in the Southern Patagonian Shelf. *Journal of Sea Research*, 67(1): 85–90. <https://doi.org/10.1016/j.seares.2011.10.007>.

Pascual, M., & Dunne, J.A. (2005). Ecological Networks: Linking Structure to Dynamics in Food Webs (1ª edn.). Oxford, USA: Oxford University Press.

Pasotti, F., Saravia, L.A., De Troch, M., Tarantelli, M.S., Sahade, R., & Vanreusel, A. (2015). Benthic trophic interactions in an Antarctic shallow water ecosystem affected by recent glacier retreat. *PLOS ONE*, 10(11), e0141742.

Pérez-Matus, A., Ospina-Alvarez, A., Camus, P.A., Carrasco, S.A., Fernández, M., Gelcich, S., Godoy, N. … & Navarrete, S.A. (2017). Temperate Rocky Subtidal Reef Community Reveals Human Impacts Across the Entire Food Web. *Marine Ecology Progress Series*, 567: 1–16. <https://doi.org/10.3354/meps12057>.

Pimm, S.L. (1980). Properties of Food Webs. *Ecology*, 61(2): 219–25. <https://doi.org/10.2307/1935177>.

Quartino, M.L., Zaixso, H.E., & Boraso de Zaixso, A.L. (2005). Biological and environmental characterization of marine macroalgal assemblages in Potter Cove, South Shetland Islands, Antarctica. *Botanica Marina*, 48(3): 187-197.

Riccialdelli, L., Becker, Y.A., Fioramonti, N.E., Torres, M., Bruno, D.O., Raya Rey, A., & Fernández, D.A. (2020). Trophic Structure of Southern Marine Ecosystems: A Comparative Isotopic Analysis from the Beagle Channel to the Oceanic Burdwood Bank Area Under a Wasp-Waist Assumption. *Marine Ecology Progress Series*, 655: 1–27. <https://doi.org/10.3354/meps13524>.

Riccialdelli, L., Newsome, S.D., Fogel, M.L., & Fernández, D.A. (2017). Trophic Interactions and Food Web Structure of a Subantarctic Marine Food Web in the Beagle Channel: Bahía Lapataia, Argentina. *Polar Biology*, 40(4): 807–21. <https://doi.org/10.1007/s00300-016-2007-x>.

Riva Rossi, C.M., Pascual, M.A., Aedo Marchant, E., Basso, N., Ciancio, J.E., Mezga, B., Fernández, D.A., & Ernst-Elizalde, B. (2012). The Invasion of Patagonia by Chinook Salmon (Oncorhynchus Tshawytscha): Inferences from Mitochondrial DNA Patterns. *Genetica*, 140(10): 439–53. <https://doi.org/10.1007/s10709-012-9692-3>.

Rocha, J.C., Peterson, G., Bodin, Ö,.& Levin, S. (2018). Cascading Regime Shifts Within and Across Scales. *Science*, 362(6421): 1379–83. <https://doi.org/10.1126/science.aat7850>.

Rodriguez, I.D., Marina, T.I., Schloss, I.R., & Saravia, L.A. (2022). Marine Food Webs Are More Complex but Less Stable in Sub-Antarctic (Beagle Channel, Argentina) Than in Antarctic (Potter Cove, Antarctic Peninsula) Regions. *Marine Environmental Research*, 174: 105561. <https://doi.org/10.1016/j.marenvres.2022.105561>.

Rossi, L., Caputi, S., Calizza, E., Careddu, G., Oliverio, M., Schiaparelli, S., & Costantini, M.L. (2019). Antarctic Food Web Architecture Under Varying Dynamics of Sea Ice Cover. *Scientific Reports*, 9(1): 12454. <https://doi.org/10.1038/s41598-019-48245-7>.

Sahade, R., Lagger, C., Torre, L., Momo, F.R., Monien, P., Schloss, I., Barnes, D.K.A., … & Abele, D. (2015). Climate Change and Glacier Retreat Drive Shifts in an Antarctic Benthic Ecosystem. *Science Advances*, 1(10): e1500050. <https://doi.org/10.1126/sciadv.1500050>.

Schejter, L., Genzano, G., Gaitán, E., Perez, C.D., & Bremec, C.S. (2020). Benthic Communities in the Southwest Atlantic Ocean: Conservation Value of Animal Forests at the Burdwood Bank Slope. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 30(3): 426–39. <https://doi.org/10.1002/aqc.3265>.

Schejter, L., Rimondino, C., Chiesa, I., Díaz de Astarloa, J.M., Doti, B., Elías, R., Escolar, M. … & Bremec, C.S. (2016). Namuncurá Marine Protected Area: An Oceanic Hot Spot of Benthic Biodiversity at Burdwood Bank, Argentina. *Polar Biology*, 39(12): 2373–86. <https://doi.org/10.1007/s00300-016-1913-2>.

Shurin, J.B., Clasen, J.L., Greig, H.S., Kratina, P., & Thompson, P.L. (2012). Warming Shifts Top-down and Bottom-up Control of Pond Food Web Structure and Function. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 367(1605): 3008–17. <https://doi.org/10.1098/rstb.2012.0243>.

Stouffer, D.B., & Bascompte, J. (2011). Compartmentalization Increases Food-Web Persistence. *Proceedings of the National Academy of Sciences*, 108(9): 3648–52. <https://doi.org/10.1073/pnas.1014353108>.

Tatian, M., Sahade, R., & Esnal, G. B. (2004). Diet components in the food of Antarctic ascidians living at low levels of primary production. *Antarctic Science*, 16(2), 123-128.

Tomczak, M.T., Müller-Karulis, B., Blenckner, T., Ehrnsten, E., Eero, M., Gustafsson, B., Norkko, A., Otto, S.A., Timmermann, K., & Humborg, C. (2022). Reference State, Structure, Regime Shifts, and Regulatory Drivers in a Coastal Sea over the Last Century: The Central Baltic Sea Case. *Limnology and Oceanography*, 67(S1): S266–84. <https://doi.org/10.1002/lno.11975>.

van Altena, C., Hemerik, L., & de Ruiter, P.C. (2016). Food Web Stability and Weighted Connectance: The Complexity-Stability Debate Revisited. *Theoretical Ecology*, 9(1): 49–58. <https://doi.org/10.1007/s12080-015-0291-7>.

Yletyinen, J., Bodin, Ö., Weigel, B., Nordström, M.C., Bonsdorff, E., & Blenckner, T. (2016). Regime Shifts in Marine Communities: A Complex Systems Perspective on Food Web Dynamics. *Proceedings of the Royal Society B: Biological Sciences*, 283 (1825): 20152569. <https://doi.org/10.1098/rspb.2015.2569>.

Yorio, P. (2009). Marine Protected Areas, Spatial Scales, and Governance: Implications for the Conservation of Breeding Seabirds. *Conservation Letters*, 2(4): 171–78. <https://doi.org/10.1111/j.1755-263X.2009.00062.x>.