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Allen et al. (2014)

Alton et al. (1998)

Ruzicka et al. (2020)

Alverson and Pereyra (1969)

Armstrong et al. (1998)

Aydin et al. (2014)

The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands (2017)

The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands (2018)

The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands (2019)

The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands (2020)

The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands (2021)

The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands (2022)

Baker and Hollowed (2014)

Baker (2021)

Bakkala (1993)

Bakkala and Smith (1978)

Bakkala and Traynor (1985)

Bakkala and Wakabayashi (1985)

Ciannelli and Bailey (2005)

Conner and Lauth (2017)

Conner et al. (2017)

Cooper et al. (2020)

Cooper and Nichol (2016)

Courcelles (2011)

Daly et al. (2016)

Delean et al. (2020)

Drumm et al. (2016)

Feder et al. (2005)

Fricke et al. (2022)
Fadeev (1965)
Faunce (2016)
Fenske et al. (2019)
Fissel et al. (2019)
Fissel et al. (2021)
NOAA Fisheries Alaska Fisheries Science Center (2023)
Francis et al. (2003)
Ganz and Faunce (2019a)
Ganz and Faunce (2019b)
Guthrie et al. (2020)
Guthrie et al. (2019)
Hamazaki et al. (2005)
Helker et al. (2015)
Helker et al. (2016)
Helker et al. (2019)
Helker et al. (2017)
Hoff (2016)
Hoff and Britt (2011)
Hollowed et al. (2007)
Hunt Jr. et al. (2011)
Eisner et al. (2020)
Ianelli et al. (2016)
Ianelli et al. (2017)
Jefferson et al. (2019)
Kearney (2019)
Knight et al. (1991)
Kotwicki et al. (2005)
Kotwicki et al. (2015)
Kotwicki et al. (2014)
Kotwicki and Lauth (2013)
Chilton et al. (2011)
Lang et al. (2018a)
Lang et al. (2019)
Lauth (2011)
Lauth and Kotwicki (2014)

Lauth et al. (2019)
 Markowitz, Dawson, Charriere, Prohaska, Rohan, Haehn, et al. (2022)
 Markowitz, Dawson, Charriere, Prohaska, Rohan, Stevenson, et al. (2022a)
 Markowitz, Dawson, Charriere, Prohaska, Rohan, Stevenson, et al. (2022b)
 Markowitz et al. (In review)
 Britt et al. (2021)
 Markowitz, Dawson, Anderson, et al. (2022)
 Lindeberg and Lindstrom (2019)
 McGilliard et al. (2016)
 McGilliard et al. (2018)
 Mecklenburg et al. (2002)
 Muto et al. (2020)
 Nichol (1995a)
 Nichol (1995b)
 Nichol (1997)
 Nichol (1998)
 Nichol et al. (2019)
 Nichol and Somerton (2009)
 O’Leary et al. (2022)
 Thorson et al. (2020)
 Pereyra et al. (1976)
 Rohan et al. (in review)
 Rose and Walters (1990)
 Shubnikov and Lisovenko (1964)
 Sigler et al. (2015)
 Smith and Bakkala (1982)
 Sohn et al. (2010)
 Spencer (2008)
 Grüss et al. (2021)
 Spies et al. (2020)
 Spies et al. (2011)
 Spies et al. (2018)
 Stabeno et al. (2001)
 Stabeno, Farley Jr., et al. (2012)
 Stabeno, Kachel, et al. (2012)
 Stauffer (2004)

Stevens and MacIntosh (1990)
 Stabeno and Bell (2019)
 Stevenson and Hoff (2009)
 Stevenson and Lauth (2012)
 Stevenson et al. (2022)
 Stevenson and Lauth (2019)
 Stevenson et al. (2016)
 Stewart and Martell (2015)
 Stewart and Monnahan (2014)
 Sullivan and Faunce (2018)
 Thompson (2018)
 Vestfals et al. (2016)
 Zador et al. (2011)
 Resource Assessment and Division (2021)
 Von Szalay and Raring (2018)
 Von Szalay and Raring (2020)
 Wakabayashi et al. (1985)
 Wilderbuer et al. (2018)
 Wyllie-Echeverria and Wooster (1998)
 Yang (1988)
 Zhang et al. (1998)
 Zimmermann et al. (2009)
 Zimmermann and Goddard (1996)
 Wood (2004)
 Fedewa et al. (2020)
 Lang et al. (2018b)
 Zacher et al. (2019)
 Zacher et al. (2021)
 Zacher et al. (2022)
 Coachman (1986)
 Cokelet (2016)

Works cited

Allen, B. M., Helker, V. T., and Jemison, L. A. (2014). *Human-caused injury and mortality of NMFS-managed Alaska marine mammal stocks, 2007-2011* [NOAA Tech. Memo.]. *NMFS-AFSC-274*. <https://repository.library.noaa.gov/view/noaa/4687>
 Alton, M. S., Bakkala, R. G., E., W. G., and Munro, P. T. (1998). *Greenland turbot (Reinhardtius hippoglossoides) of the eastern Bering Sea and Aleutian Islands region* [NOAA Tech. Rep.]. *NMFS-71*.

- <https://spo.nmfs.noaa.gov/content/tr-71-greenland-turbot-reinhardtius-hippoglossoides-eastern-bering-sea-and-aleutian-islands>
- Alverson, D. L., and Pereyra, W. T. (1969). Demersal fish explorations in the northeastern Pacific Ocean – an evaluation of exploratory fishing methods and analytical approaches to stock size and yield forecasts. *J. Fish. Res. Bd. Can.*, 26(8), p. 1985–2001. <https://doi.org/10.1139/f69-188>
- Armstrong, J., Armstrong, D., and Hilborn, R. (1998). Crustacean resources are vulnerable to serial depletion – the multifaceted decline of crab and shrimp fisheries in the greater Gulf of Alaska. *Rev. Fish Biol. Fish.*, 8(2), p. 117–176. <https://doi.org/10.1023/a:1008891412756>
- Aydin, K., Barbeaux, S., Barnard, D., Chilton, L., Clark, B., Conners, M. E., Conrath, C., Dalton, M., Echave, K., and Fritz, L. (2014). *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*.
- Baker, M. R. (2021). Contrast of warm and cold phases in the Bering Sea to understand spatial distributions of arctic and sub-arctic gadids. *Polar Biol.*, 44, p. 1083–1105. <https://doi.org/10.1007/s00300-021-02856-x>
- Baker, M. R., and Hollowed, A. B. (2014). Delineating ecological regions in marine systems: Integrating physical structure and community composition to inform spatial management in the eastern Bering Sea. *Deep-Sea Res. II*, 109, p. 215–240. <https://doi.org/10.1016/j.dsr2.2014.03.001>
- Bakkala, R. G. (1993). *Structure and historical changes in the groundfish complex of the eastern Bering Sea* [NOAA Tech. Rep.]. NMFS-114. <https://spo.nmfs.noaa.gov/sites/default/files/tr114opt.pdf>
- Bakkala, R. G., and Smith, G. B. (1978). *Demersal fish resources of the eastern Bering Sea; spring 1976* [NOAA Tech. Rep.]. SSRF-754. <https://spo.nmfs.noaa.gov/content/demersal-fish-resources-eastern-bering-sea-spring-1976>
- Bakkala, R. G., and Traynor, J. J. (1985). *Results of cooperative U.S.-Japan groundfish investigations in the eastern Bering Sea during June-November 1982*.
- Bakkala, R. G., and Wakabayashi, K. (1985). Results of cooperative U.S.-Japan groundfish investigations in the Bering Sea during May-August 1979. *International North Pacific Fisheries Commission Bulletin*, 44, 252 p.
- Britt, L. L., Markowitz, E. H., Dawson, E. J., Charriere, N. E., Prohaska, B. K., Rohan, S. K., Stevenson, D. E., and Britt, L. L. (2021). *2021 northern Bering Sea groundfish and crab trawl survey highlights* [Outreach].
- Chilton, E. A., Armistead, C. E., and Foy, R. J. (2011). *The 2010 eastern Bering Sea continental shelf bottom trawl survey: Results for commercial crab species* [NOAA Tech. Memo.]. NMFS-AFSC-216, 62 p. <https://repository.library.noaa.gov/view/noaa/3776>
- Ciannelli, L., and Bailey, K. M. (2005). Landscape dynamics and resulting species interactions: The cod-capelin system in the southeastern Bering Sea. *Mar. Ecol. Prog. Ser.*, 291, p. 227–236. <https://doi.org/10.3354/meps291227>
- Coachman, L. K. (1986). Circulation, water masses, and fluxes on the southeastern Bering Sea shelf. *Cont. Shelf Res.*, 5(1-2), 23–108. [https://doi.org/10.1016/0278-4343\(86\)90011-7](https://doi.org/10.1016/0278-4343(86)90011-7)
- Cokelet, E. D. (2016). 3-d water properties and geostrophic circulation on the eastern bering sea shelf. *Deep Sea Res. Part II Top. Stud. Oceanogr.*, 134, 65–85. <https://doi.org/10.1016/j.dsr2.2016.08.009>
- Conner, J., and Lauth, R. R. (2017). *Results of the 2016 eastern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate resources* [NOAA Tech. Memo.]. NOAA-AFSC-352. <https://doi.org/10.7289/V5/TM-AFSC-352>
- Conner, J., Stevenson, D. E., and Lauth, R. R. (2017). *Results of the 2014 eastern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate resources* [NOAA Tech. Memo.]. NOAA-AFSC-350. <https://doi.org/10.7289/V5/TM-AFSC-350>
- Cooper, D. W., and Nichol, D. G. (2016). Juvenile northern rock sole (*Lepidopsetta polyxystra*) spatial distribution and abundance patterns in the eastern Bering Sea: Spatially dependent production linked to temperature. *ICES J. Mar. Sci.*, 73(4), p. 1138–1146. <https://doi.org/10.1093/icesjms/fsw005>
- Cooper, D. W., Rogers, L. A., and Wilderbuier, T. (2020). Environmentally driven forecasts of northern rock sole (*Lepidopsetta polyxystra*) recruitment in the eastern Bering Sea. *Fish. Oceanogr.*, 29, p. 111–121. <https://doi.org/10.1111/fog.12458>
- Courcelles, D. (2011). Re-evaluation of the length-weight relationship of Pacific halibut (*Hippoglossus stenolepis*). *International Pacific Halibut Commission Report of Assessment and Research Activities*,

p. 459–470.

- Daly, B., Armistead, C. E., and Foy, R. J. (2016). *The 2016 eastern Bering Sea continental shelf bottom trawl survey: Results for commercial crab species* [NOAA Tech. Memo.]. NMFS-AFSC-327. <https://doi.org/10.7289/V5/TM-AFSC-327>
- Delean, B. J., Helker, V. T., Muto, M. M., Savage, K., Teerlink, S., Jemison, L. A., Wilkinson, K., Jannot, J., and Young, N. C. (2020). *Human-caused mortality and injury of NMFS-managed Alaska marine mammal stocks 2013-2017* [NOAA Tech. Memo.]. NMFS-AFSC-401. <https://doi.org/10.25923/85XQ-BS63>
- Drumm, D. T., Maslenikov, K. P., Van Syoc, R., Orr, J. W., Lauth, R. R., Stevenson, D. E., and Pietsch, T. W. (2016). *An annotated checklist of the marine macroinvertebrates of Alaska* [NOAA Professional Paper NMFS]. 19, 289 p. <https://doi.org/10.7755/PP.19>
- Eisner, L. B., Zuenko, Y. I., Basyuk, E. O., Britt, L. L., Duffy-Anderson, J. T., Kotwicki, S., Ladd, C., and Cheng, W. (2020). Environmental impacts on walleye pollock (*Gadus chalcogrammus*) distribution across the Bering Sea shelf. *Part II Top. Stud. Oceanogr.*, 104881, p. 181–182. <https://doi.org/10.1016/j.dsr2.2020.104881>
- Fadeev, N. S. (1965). Comparative outline of the biology of flatfishes in the southeastern part of the Bering Sea and condition of their resources. *Soviet Fisheries Investigations in the Northeastern Pacific*, 4, p. 112–129.
- Faunce, C. H. (2016). *Alternative sampling designs for the 2017 annual deployment plan of the north Pacific observer program* [NOAA Tech. Memo.]. NMFS-AFSC-228. <https://doi.org/10.7289/V5/TM-AFSC-338>
- Feder, H. M., Jewett, S. C., and Blanchard, A. (2005). Southeastern Chukchi Sea (Alaska) epibenthos. *Polar Biol.*, 28, p. 402–421. <https://doi.org/10.1007/s00300-004-0683-4>
- Fedewa, E. J., Jackson, T. M., Richar, J. I., Gardner, J. L., and Litzow, M. A. (2020). Recent shifts in northern Bering Sea snow crab (*Chionoecetes opilio*) size structure and the potential role of climate-mediated range contraction. *Deep Sea Res. Part II Top. Stud. Oceanogr.*, 104878, p. 181–182. <https://doi.org/10.1016/j.dsr2.2020.104878>
- Fenske, K. H., Berger, A. M., Connors, B., Cope, J. M., Cox, S. P., Haltuch, M. A., Hanselman, D. H., Kapur, M., Lacko, L., Lunsford, C. R., Rodgveller, C. J., and Williams, B. (2019). *Report on the 2018 international sablefish workshop* [NOAA Tech. Memo.]. NMFS-AFSC-387. <https://doi.org/10.25923/sfc9-mp92>
- Fissel, B. E., Dalton, M., Garber-Yonts, B., Haynie, A., Kasperski, S., Lee, J., Lew, D., Seung, C., Sparks, K., Szymkowiak, M., and Wise, S. (2019). Economic status of the groundfish fisheries off Alaska, 2018. In *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. North Pacific Fishery Management Council.
- Fissel, B. E., Dalton, M., Garber-Yonts, B., Haynie, A., Kasperski, S., Lee, J., Lew, D., Seung, C., Sparks, K., Szymkowiak, M., and Wise, S. (2021). Economic status of the groundfish fisheries off Alaska, 2019. In *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. North Pacific Fishery Management Council.
- Francis, C. R., Hurst, R. J., and Renwick, J. A. (2003). Quantifying annual variation in catchability for commercial and research fishing. *Fishery Bulletin, U.S.*, 101(2), p. 293–304. http://sedarweb.org/docs/wsupp/S41_RD72_Francis_etal.2003.pdf
- Fricke, R., Eschmeyer, W. N., and Laan, R. van der. (2022). *Eschmeyer’s catalog of fishes: Genera, species, references*. <https://www.calacademy.org/scientists/projects/eschmeyers-catalog-of-fishes>
- Ganz, P., and Faunce, C. H. (2019a). *Alternative sampling designs for the 2019 annual deployment plan of the north Pacific observer program* [NOAA Tech. Memo.]. NMFS-AFSC-394. <https://doi.org/10.25923/g9j-g434>
- Ganz, P., and Faunce, C. H. (2019b). *An evaluation of methods used to predict commercial fishing effort in Alaska* [NOAA Tech. Memo.]. NMFS-AFSC-395. <https://doi.org/10.25923/gnyj-f281>
- Grüss, A., Thorson, J. T., Stawitz, C. C., Reum, J. C. P., Rohan, S. K., and Barnes, C. L. (2021). Synthesis of interannual variability in spatial demographic processes supports the strong influence of cold-pool extent on eastern Bering Sea walleye pollock (*Gadus chalcogrammus*). *Prog. Oceanogr.*, 194, p. 102569. <https://doi.org/10.1016/j.pocean.2021.102569>
- Guthrie, C. M., Nguyen, H. T., Marsh, M., and Guyon, J. R. (2020). *Genetic stock composition analysis of Chinook salmon bycatch samples from the 2018 Gulf of Alaska trawl fisheries* [NOAA Tech. Memo.]. NMFS-AFSC-405. <https://doi.org/10.25923/sw7t-gg49>

- Guthrie, C. M., Nguyen, H. T., Marsh, M., Watson, J. T., and Guyon, J. R. (2019). *Genetic stock composition analysis of the Chinook salmon bycatch samples from the 2017 Bering Sea trawl fisheries* [NOAA Tech. Memo.]. NMFS-AFSC-391. <https://doi.org/10.25923/dt1b-q428>
- Hamazaki, T., Fair, L., Watson, L., and Brennan, E. (2005). Analyses of Bering Sea bottom-trawl surveys in norton sound: Absence of regime shift effect on epifauna and demersal fish. *ICES J. Mar. Sci.*, 62(8), p. 1597–1602. <https://doi.org/10.1016/j.icesjms.2005.06.003>
- Helker, V. T., Allen, B. M., and Jemison, L. A. (2015). *Human-caused injury and mortality of NMFS-managed Alaska marine mammal stocks, 2009-2013* [NOAA Tech. Memo.]. NMFS-AFSC-300. <https://doi.org/10.7289/V50G3H3M>
- Helker, V. T., Muto, M., and Jemison, L. A. (2016). *Human-caused injury and mortality of NMFS-managed Alaska marine mammal stocks, 2010-2014* [NOAA Tech. Memo.]. NMFS-AFSC-315. <https://repository.library.noaa.gov/view/noaa/9078>
- Helker, V. T., Muto, M., Savage, K., Teerlink, S. F., Jemison, L. A., Wilkinson, K. M., and Jannot, J. E. (2017). *Human-caused mortality and injury of NMFS-managed Alaska marine mammal stocks, 2011-2015* [NOAA Tech. Memo.]. NMFS-AFSC-354. <https://doi.org/10.7289/v5/tm-afsc-354>
- Helker, V. T., Muto, M., Savage, K., Teerlink, S. F., Jemison, L. A., Wilkinson, K., and Jannot, J. E. (2019). *Human-caused mortality and injury of NMFS-managed Alaska marine mammal stocks, 2012-2016* [NOAA Tech. Memo.]. NMFS-AFSC-392. <https://doi.org/10.25923/H8W7-JZ68>
- Hoff, G. R. (2016). *Results of the 2016 eastern Bering Sea upper continental slope survey of groundfishes and invertebrate resources* [NOAA Tech. Memo.]. NOAA-AFSC-339. <https://doi.org/10.7289/V5/TM-AFSC-339>
- Hoff, G. R., and Britt, L. L. (2011). *Results of the 2010 eastern Bering Sea upper continental slope survey of groundfish and invertebrate resources* [NOAA Tech. Rep.]. <https://apps-afsc.fisheries.noaa.gov/Publications/AFSC-TM/NOAA-TM-AFSC-227.pdf>
- Hollowed, A. B., Angliss, R. P., Sigler, M. F., Megrey, B. A., and Ito, D. H. (2007). Implementation plan for loss of sea ice (LOSI) program. *AFSC Processed Rep. 2007-05*, 48. <https://repository.library.noaa.gov/view/noaa/8607>
- Hunt Jr., G. L., Coyle, K. O., Eisner, L. B., Farley, E. V., Heintz, R. A., Mueter, F., Napp, J. M., Overland, J. E., Ressler, P. H., and Salo, S. (2011). Climate impacts on eastern Bering Sea foodwebs: A synthesis of new data and an assessment of the oscillating control hypothesis. *ICES J. Mar. Sci.*, 68(6), p. 1230–1243. <https://doi.org/10.1093/icesjms/fsr036>
- Ianelli, J. N., Honkalehto, T., Barbeaux, S. J., Fissel, B. E., and Kotwicki, S. (2016). *Assessment of the walleye pollock stock in the eastern Bering Sea*.
- Ianelli, J. N., Kotwicki, S., Honkalehto, T., Holsman, K., and Fissel, B. E. (2017). *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions, december 2017* (pp. p. 55–184). North Pacific Fishery Management Council.
- Jefferson, T. A., Dahlheim, M. E., Zerbini, A. N., Waite, J. M., and Kennedy, A. S. (2019). *Abundance and seasonality of Dall's porpoise (Phocoenoides dalli) in southeast Alaska*. <https://doi.org/10.25923/ARTS-R887>
- Kearney, K. A. (2019). *Freshwater input to the Bering Sea, 1950–2017*. <https://doi.org/10.25923/VCJ6-H740>
- Knight, C. A., Cheng, C. C., and DeVries, A. L. (1991). Adsorption of alpha-helical antifreeze peptides on specific ice crystal surface planes. *Biophysical Journal*, 59(2), p. 409–418. [https://doi.org/10.1016/s0006-3495\(91\)82234-2](https://doi.org/10.1016/s0006-3495(91)82234-2)
- Kotwicki, S., Buckley, T. W., Honkalehto, T., and Walters, G. (2005). Variation in the distribution of walleye pollock (*Theragra chalcogramma*) with temperature and implications for seasonal migration. *Fish. Bull., U.S.*, 103(4), p. 574–587. <https://spo.nmfs.noaa.gov/content/variation-distribution-walleye-pollock-theragra-chalcogramma-temperature-and-implications>
- Kotwicki, S., Horne, J. K., Punt, A. E., and Ianelli, J. N. (2015). Factors affecting the availability of walleye pollock to acoustic and bottom trawl survey gear. *ICES J. Mar. Sci.*, 72(5), p. 1425–1439. <https://doi.org/10.1093/icesjms/fsv011>
- Kotwicki, S., Ianelli, J. N., and Punt, A. E. (2014). Correcting density-dependent effects in abundance estimates from bottom-trawl surveys. *ICES J. Mar. Sci.*, 71(5), p. 1107–1116. <https://doi.org/10.1093/icesjms/fst208>

- Kotwicki, S., and Lauth, R. R. (2013). Detecting temporal trends and environmentally-driven changes in the spatial distribution of bottom fishes and crabs on the eastern Bering Sea shelf. *Deep-Sea Res. II*, 94, p. 231–243. <https://doi.org/10.1016/j.dsr2.2013.03.017>
- Lang, C. A., Richar, J. I., and Foy, R. J. (2018a). *The 2017 eastern Bering Sea continental shelf and northern Bering Sea bottom trawl surveys: Results for commercial crab species* [NOAA Tech. Memo.]. NMFS-AFSC-372. <https://repository.library.noaa.gov/view/noaa/17434>
- Lang, C. A., Richar, J. I., and Foy, R. J. (2018b). *The 2018 eastern Bering Sea continental shelf trawl survey: Results for commercial crab species* [NOAA Tech. Memo.]. NMFS-AFSC-386. <https://repository.library.noaa.gov/view/noaa/19575>
- Lang, C. A., Richar, J. I., and Foy, R. J. (2019). *The 2018 eastern Bering Sea continental shelf and northern Bering Sea trawl surveys: Results for commercial crab species* [NOAA Tech. Memo.]. NMFS-AFSC-386. <https://doi.org/10.25923/X2FK-CJ60>
- Lauth, R. R. (2011). *Results of the 2010 eastern and northern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate fauna* [NOAA Tech. Memo.]. NMFS-AFSC-227. <https://apps-afsc.fisheries.noaa.gov/Publications/AFSC-TM/NOAA-TM-AFSC-227.pdf>
- Lauth, R. R., Dawson, E. J., and Conner, J. (2019). *Results of the 2017 eastern and northern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate fauna* [NOAA Tech. Memo.]. NMFS-AFSC-396. <https://doi.org/10.25923/H118-NW41>
- Lauth, R. R., and Kotwicki, S. (2014). *A calibration function for correcting mean net spread values obtained from marport spread sensors used in conjunction with the marport MK II receiver* [AFSC Processed Rep.]. NMFS-AFSC-2014-02. <https://apps-afsc.fisheries.noaa.gov/Publications/ProcRpt/PR2014-02.pdf>
- Lindeberg, M. R., and Lindstrom, S. C. (2019). *Assessment and catalog of benthic marine algae from the Alaska peninsula, may 2016* [NOAA Tech. Memo.]. NMFS-AFSC-389. <https://doi.org/10.25923/3YWS-KG16>
- Markowitz, E. H., Dawson, E. J., Anderson, C., Charriere, N. E., Richar, J. I., Rohan, S. K., Prohaska, B. K., Haehn, R. A., and Stevenson, D. E. (2022). *2022 northern Bering Sea groundfish and crab trawl survey highlights* [Outreach].
- Markowitz, E. H., Dawson, E. J., Charriere, N. E., Prohaska, B. K., Rohan, S. K., Haehn, R. A., Stevenson, D. E., and Britt, L. L. (2022). *Results of the 2018 eastern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate fauna* [NOAA Tech. Memo.]. <https://doi.org/10.25923/m4pw-t510>
- Markowitz, E. H., Dawson, E. J., Charriere, N. E., Prohaska, B. K., Rohan, S. K., Stevenson, D. E., and Britt, L. L. (2022a). *Results of the 2019 eastern and northern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate fauna* [NOAA Tech. Memo.]. <https://doi.org/10.25923/d641-xb21>
- Markowitz, E. H., Dawson, E. J., Charriere, N. E., Prohaska, B. K., Rohan, S. K., Stevenson, D. E., and Britt, L. L. (2022b). *Results of the 2021 eastern and northern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate fauna* [NOAA Tech. Memo.]. <https://doi.org/10.25923/g1ny-y360>
- Markowitz, E. H., Dawson, E. J., Charriere, N. E., Prohaska, B. K., Rohan, S. K., Stevenson, D. E., and Britt, L. L. (In review). *Results of the 2022 eastern and northern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate fauna* [NOAA Tech. Memo.].
- McGilliard, C. R., Nichol, D. G., and Palsson, W. A. (2016). *Assessment of the flathead sole-Bering flounder stock in the Bering Sea and Aleutian Islands*. 176 p.
- McGilliard, C. R., Nichol, D. G., and Palsson, W. A. (2018). *Assessment of the flathead sole-bering flounder stock in the Bering Sea and Aleutian Islands*.
- Mecklenburg, C. W., Mecklenburg, T. A., and Thorsteinson, L. K. (2002). *Fishes of Alaska*.
- Muto, M. M., Helker, V. T., Delean, B. J., Angliss, R. P., Boveng, P. L., Breiwick, J. M., Brost, B. M., Cameron, M. F., Clapham, P. J., Dahle, S. P., Dahlheim, M. E., Fadely, B. S., Ferguson, M. C., Fritz, L. W., Hobbs, R. C., Ivashchenko, Y. V., Kennedy, A. S., London, J. M., Mizroch, S. A., . . . Zerbini, A. N. (2020). *Alaska marine mammal stock assessments, 2019* [NOAA Tech. Memo.]. NMFS-AFSC-404. <https://doi.org/10.25923/9C3R-XP53>
- Nichol, D. G. (1995a). Spawning and maturation of female yellowfin sole in the eastern Bering Sea [Conference Proceedings]. *Proceedings of the International Flatfish Symposium on North Pacific Flatfish, October 1994, Anchorage, Alaska. Univ. Alaska, Alaska Sea Grant Rep. AK-SG-95-04*, p. 35–50.
- Nichol, D. G. (1995b). Spawning and maturation of female yellowfin sole in the eastern Bering Sea. *Proceedings of the International Flatfish Symposium; October 1994, Anchorage, Alaska*, p. 35–50.

- Nichol, D. G. (1997). Effects of geography and bathymetry on growth and maturity of yellowfin sole, *Pleuronectes asper*, in the eastern Bering Sea. *Oceanographic Literature Review*, 12(44), 1548 p. <https://spo.nmfs.noaa.gov/sites/default/files/pdf-content/1997/953/nichol.pdf>
- Nichol, D. G. (1998). Annual and between-sex variability of yellowfin sole, *Pleuronectes asper*. *Fish. Bull., U.S.*, 96, p. 547–561. <https://spo.nmfs.noaa.gov/content/annual-and-between-sex-variability-yellowfin-sole-pleuronectes-aspe-spring-summer>
- Nichol, D. G., Kotwicki, S., Wilderbuer, T. K., Lauth, R. R., and Ianelli, J. N. (2019). Availability of yellowfin sole (*limanda aspera*) to the eastern Bering Sea trawl survey and its effect on estimates of survey biomass. *Fish. Res.*, 211, p. 319–330. <https://doi.org/10.1016/j.fishres.2018.11.017>
- Nichol, D. G., and Somerton, D. A. (2009). Evidence of the selection of tidal streams by northern rock sole (*Lepidopsetta polyxystra*) for transport in the eastern Bering Sea. *Fish. Bull., U.S.*, 107(2), p. 221–234.
- NOAA Fisheries Alaska Fisheries Science Center. (2023). *Fisheries one stop shop public data: RACE division bottom trawl survey data query*. <https://www.fisheries.noaa.gov/foss/f?p=215:28:14399988521041:::;U.S.Dep.Commer>
- O’Leary, C. A., DeFilippo, L. V., Thorson, J. T., Kotwicki, S., Hoff, G. R., Kulik, V. V., Ianelli, J. N., and Punt, A. E. (2022). Understanding transboundary stocks’ availability by combining multiple fisheries-independent surveys and oceanographic conditions in spatiotemporal models. *ICES J. Mar. Sci.*, 79, p. 1063–1074. <https://doi.org/10.1093/icesjms/fsac046>
- Pereyra, W. T., Reeves, J. E., and Bakkala, R. G. (1976). *Demersal fish and shellfish resources of the eastern Bering Sea in the baseline year 1975* [NOAA Processed Rep.].
- Resource Assessment, A. F. S. C. (U.S.)., and Division, C. E. (2021). *Groundfish survey data codes and forms*. <https://repository.library.noaa.gov/view/noaa/31570>
- Rohan, S., Barnett, L., and Charriere, N. (in review). *Evaluating approaches to estimating mean temperatures and cold pool area from AFSC bottom trawl surveys of the eastern Bering Sea* [NOAA Tech. Memo.].
- Rose, C. S., and Walters, G. E. (1990). Trawl width variation during bottom trawl surveys: Causes and consequences [Conference Proceedings]. *Proceedings of the Symposium on Application of Stock Assessment Techniques Applies to Gadids*, 50, p. 57–67.
- Ruzicka, J., Brodeur, R. D., Cieciel, K., and Decker, M. B. (2020). Examining the ecological role of jellyfish in the eastern Bering Sea. *ICES J. Mar. Sci.*, 77(2), p. 791–802. <https://doi.org/10.1093/icesjms/fsz244>
- Shubnikov, D. A., and Lisovenko, L. A. (1964). Data on the biology of rock sole of the southeastern Bering Sea. *Soviet Fisheries Investigations in the Northeast Pacific*, 2, p. 220–226.
- Sigler, M. F., Aydin, K. Y., Boveng, P. L., Farley Jr., E. V., Heintz, R. A., and Lauth, R. R. (2015). Alaska fisheries science center loss of sea ice (LOSI) plan for FY15-FY19. *NOAA Processed Rep. 2015-01*, 11. <https://apps-afsc.fisheries.noaa.gov/Publications/ProcRpt/PR2015-01.pdf>
- Smith, G. B., and Bakkala, R. G. (1982). *Demersal fish resources of the eastern Bering Sea: Spring 1976* [NOAA Tech. Rep.]. *NMFS-SSRF-754*, 129 p. <https://spo.nmfs.noaa.gov/content/demersal-fish-resources-eastern-bering-sea-spring-1976>
- Sohn, D., Ciannelli, L., and Duffy-Anderson, J. T. (2010). Distribution and drift pathways of Greenland halibut (*Reinhardtius hippoglossoides*) during early life stages in the eastern Bering Sea and Aleutian Islands. *Fish. Oceanogr.*, 19(5), p. 339–353. <https://doi.org/10.1111/j.1365-2419.2010.00549.x>
- Spencer, P. D. (2008). Density-independent and density-dependent factors affecting temporal changes in spatial distributions of eastern Bering Sea flatfish. *Fish. Oceanogr.*, 17(5), p. 396–410. <https://doi.org/10.1111/j.1365-2419.2008.00486.x>
- Spies, I., Gruenthal, K. M., Drinan, D. P., Hollowed, A. B., Stevenson, D. E., Tarpey, C. M., and Hauser, L. (2020). Genetic evidence of a northward range expansion in the eastern Bering Sea stock of Pacific cod. *Evolutionary Applications*, 13(2), p. 362–375. <https://doi.org/10.1111/eva.12874>
- Spies, I., Wilderbuer, T. K., Nichol, D. G., and Aydin, K. (2011). *Assessment of the arrowtooth flounder stock in the Bering Sea/Aleutian Islands*.
- Spies, I., Wilderbuer, T. K., Nichol, D. G., Hoff, J., and Palsson, W. (2018). *Assessment of the arrowtooth flounder stock in the eastern Bering Sea and Aleutian Islands*.
- Stabeno, P. J., and Bell, S. W. (2019). Extreme conditions in the Bering Sea (2017–2018): Record-breaking low sea-ice extent. *Geophys. Res. Lett.*, 46, p. 8952–8959. <https://doi.org/10.1029/2019GL083816>
- Stabeno, P. J., Bond, N. A., Kachel, N. B., Salo, S. A., and Schumacher, J. D. (2001). On the temporal variability of the physical environment over the south-eastern Bering Sea. *Fish. Oceanogr.*, 10(1), p.

- 81–98. <https://doi.org/10.1046/j.1365-2419.2001.00157.x>
- Stabeno, P. J., Farley Jr., E. V., Kachel, N. B., Moore, S., Mordy, C. W., Napp, J. M., Overland, J. E., Pinchuk, A. I., and Sigler, M. F. (2012). A comparison of the physics of the northern and southern shelves of the eastern Bering Sea and some implications for the ecosystem. *Deep-Sea Res. II*, 65, p. 14–30. <https://doi.org/10.1016/j.dsr2.2012.02.019>
- Stabeno, P. J., Kachel, N. B., Moore, S. E., Napp, J. M., Sigler, M., Yamaguchi, A., and Zerbini, A. N. (2012). Comparison of warm and cold years on the southeastern Bering Sea shelf and some implications for the ecosystem. *Deep-Sea Res. II*, 65, p. 31–45. <https://doi.org/10.1016/j.dsr2.2012.02.020>
- Stauffer, G. D. (compiler). (2004). *NOAA protocols for groundfish bottom trawl surveys of the nation’s fishery resources, march 16, 2003* [NOAA Tech. Memo.]. NMFS-SPO-65, 205 p. <https://spo.nmfs.noaa.gov/content/tech-memo/noaa-protocols-groundfish-bottom-trawl-surveys-nations-fishery-resources-march-16>
- Stevens, B. G., and MacIntosh, R. A. (1990). *Report to industry on the 1990 eastern Bering Sea crab survey* [NWAFC Processed Rep.]. NOAA-NWAF-90-09.
- Stevenson, D. E., and Hoff, G. R. (2009). *Species identification confidence in the eastern Bering Sea shelf survey (1982-2008)* [AFSC Processed Rep.]. NOAA-AFSC-2009-04. <https://repository.library.noaa.gov/view/noaa/11979>
- Stevenson, D. E., Kotwicki, S., Thorson, J. T., Correa, G. M., and Buckley, T. (2022). The influence of age and cohort on the distribution of walleye pollock (*gadus chalcogrammus*) in the eastern Bering Sea. *Can. J. Fish. Aquat. Sci.*, 79, p. 1934–1949. <https://doi.org/10.1139/cjfas-2021-0300>
- Stevenson, D. E., and Lauth, R. R. (2012). Latitudinal trends and temporal shifts in the catch composition of bottom trawls conducted on the eastern Bering Sea shelf. *Deep-Sea Res. II*, 65, p. 251–259. <https://doi.org/10.1016/j.dsr2.2012.02.021>
- Stevenson, D. E., and Lauth, R. R. (2019). Bottom trawl surveys in the northern Bering Sea indicate recent shifts in the distribution of marine species. *Polar Biol.*, 42(2), p. 407–421. <https://doi.org/10.1007/s00300-018-2431-1>
- Stevenson, D. E., Weinberg, K. L., and Lauth, R. R. (2016). *Estimating confidence in trawl efficiency and catch quantification for the eastern Bering Sea shelf survey* [NOAA Tech. Memo.]. NMFS-AFSC-335, 51 p. <https://doi.org/10.7289/V5/TM-AFSC-335>
- Stewart, I. J., and Martell, S. J. D. (2015). Reconciling stock assessment paradigms to better inform fisheries management. *ICES J. Mar. Sci.*, 72, p. 2187–2196. <https://doi.org/10.1093/icesjms/fsv061>
- Stewart, I. J., and Monnahan, C. C. (2014). Overview of data sources for the Pacific halibut stock assessment and related analyses. *International Northern Pacific Fisheries Communication Report of Assessment and Research Activities, 2013*, p. 95–168.
- Sullivan, J. Y., and Faunce, C. H. (2018). *Alternative sampling designs for the 2018 annual deployment plan of the north Pacific observer program* [NOAA Tech. Memo.]. NMFS-AFSC-364. <https://doi.org/http://doi.org/10.7289/V5/TM-AFSC-364>
- The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands. (2017). *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. <https://www.fisheries.noaa.gov/alaska/population-assessments/north-pacific-groundfish-stock-assessments-and-fishery-evaluation>
- The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands. (2018). *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. <https://www.fisheries.noaa.gov/alaska/population-assessments/north-pacific-groundfish-stock-assessments-and-fishery-evaluation>
- The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands. (2019). *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. <https://www.fisheries.noaa.gov/alaska/population-assessments/north-pacific-groundfish-stock-assessments-and-fishery-evaluation>
- The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands. (2020). *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. <https://www.fisheries.noaa.gov/alaska/population-assessments/north-pacific-groundfish-stock-assessments-and-fishery-evaluation>
- The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands. (2021). *Stock as-*

- assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions. <https://www.fisheries.noaa.gov/alaska/population-assessments/north-pacific-groundfish-stock-assessments-and-fishery-evaluation>
- The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands. (2022). *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. <https://www.fisheries.noaa.gov/alaska/population-assessments/north-pacific-groundfish-stock-assessments-and-fishery-evaluation>
- Thompson, G. G. (2018). *Assessment of the Pacific cod stock in the eastern Bering Sea*. 386 p.
- Thorson, J. T., Ciannelli, L., and Litzow, M. A. (2020). Defining indices of ecosystem variability using biological samples of fish communities: A generalization of empirical orthogonal functions. *Prog. Oceanogr.*, 181, 102244. <https://doi.org/10.1016/j.pocean.2019.102244>
- Vestfals, C. D., Ciannelli, L., and Hoff, G. R. (2016). Changes in habitat utilization of slope-spawning flatfish across a bathymetric gradient. *ICES J. Mar. Sci.*, 73(7), p. 1875–1889. <https://doi.org/10.1093/icesjms/fsw112>
- Von Szalay, P. G., and Raring, N. W. (2018). *Data report: 2017 gulf of alaska bottom trawl survey* [NOAA Tech. Memo.]. NMFS-AFSC-374. <https://apps-afsc.fisheries.noaa.gov/Publications/AFSC-TM/NOAA-TM-AFSC-374.pdf>
- Von Szalay, P. G., and Raring, N. W. (2020). *Data report: 2018 aleutian islands bottom trawl survey* [NOAA Tech. Memo.]. NMFS-AFSC-409. <https://repository.library.noaa.gov/view/noaa/26367>
- Wakabayashi, K. R., Bakkala, G., and Alton, M. S. (1985). Methods of the U.S.-Japan demersal trawl surveys. In R. G. Bakkala and K. Wakabayashi (Eds.), *Results of cooperative U.S.-japan groundfish investigations in the Bering Sea during may-august 1979* (Vol. 44, pp. p. 7–29). International North Pacific Fisheries Commission.
- Wilderbuer, T. K., Nichol, D. G., and Ianelli, J. (2018). Chapter 4: Yellowfin sole. In *Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions*. North Pacific Fishery Management Council.
- Wood, S. N. (2004). Stable and efficient multiple smoothing parameter estimation for generalized additive models. *J. Am. Stat. Assoc.*, 99(467), p. 673–686. <https://doi.org/10.1198/016214504000000980>
- Wyllie-Echeverria, T., and Wooster, W. S. (1998). Year-to-year variations in Bering Sea ice cover and some consequences for fish distributions. *Fish. Oceanogr.*, 7(2), p. 159–170. <https://doi.org/10.1046/j.1365-2419.1998.00058.x>
- Yang, M. S. (1988). Morphological differences between two congeneric species of pleuronectid flatfishes: Arrowtooth flounder, *Atheresthes stomias*, and Kamchatka flounder, *A. evermanni*. *Fish. Bull., U.S.*, 86(608-611).
- Zacher, L. S., Richar, J. I., Fedewa, E. J., Ryznar, E., and Litzow, M. A. (2022). *The 2022 eastern Bering Sea continental shelf trawl survey: Results for commercial crab species* [NOAA Tech. Memo.].
- Zacher, L. S., Richar, J. I., and Foy, R. J. (2019). *The 2019 eastern Bering Sea continental shelf trawl survey: Results for commercial crab species* [NOAA Tech. Memo.]. NMFS-AFSC-400. <https://repository.library.noaa.gov/view/noaa/22919>
- Zacher, L. S., Richar, J. I., and Litzow, M. A. (2021). *The 2021 eastern Bering Sea continental shelf trawl survey: Results for commercial crab species* [NOAA Tech. Memo.]. https://apps-afsc.fisheries.noaa.gov/Documents/Temp-for-NOAA-IR/2021_EBS_Crab_SurveyTech_Memo_approved_draft.pdf
- Zador, S., Aydin, K., and Cope, J. (2011). Fine-scale analysis of arrowtooth flounder *Atheresthes stomias* catch rates reveals spatial trends in abundance. *Mar. Ecol. Prog. Ser.*, 438, p. 229–239. <https://doi.org/10.3354/meps09316>
- Zhang, C. I., Wilderbuer, T. K., and Walters, G. E. (1998). Biological characteristics and fishery assessment of Alaska plaice, *Pleuronectes quadrituberculatus*, in the eastern Bering Sea. *Mar. Fish. Rev.*, 60(4), p. 16–27. <https://spo.nmfs.noaa.gov/content/mfr/biological-characteristics-and-fishery-assessment-alaska-plaice-pleuronectes>
- Zimmermann, M., Dew, C. B., and Malley, B. A. (2009). History of Alaska red king crab, *Paralithodes camtschaticus*, bottom trawl surveys, 1940–61. *Mar. Fish. Rev.*, 71(1), p. 1–22. <https://spo.nmfs.noaa.gov/content/history-alaska-red-king-crab-paralithodes-camtschaticus-bottom-trawl-surveys-1940-61>
- Zimmermann, M., and Goddard, P. (1996). Biology and distribution of arrowtooth, *Atheresthes stomias*, and Kamchatka, *A. evermanni*, flounders in Alaskan waters. *Oceanographic Literature Review*, 98, p.

358–370. <https://spo.nmfs.noaa.gov/content/biology-and-distribution-arrowtooth-atheresthes-stomias-and-kamchatka-evermanni-flounders>

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The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands (2021)

Baker (2021)

Fissel et al. (2021)

Britt et al. (2021)

Grüss et al. (2021)

Resource Assessment and Division (2021)

Zacher et al. (2021)

The Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands (2022)

Fricke et al. (2022)

Markowitz, Dawson, Charriere, Prohaska, Rohan, Haehn, et al. (2022)

Markowitz, Dawson, Charriere, Prohaska, Rohan, Stevenson, et al. (2022a)

Markowitz, Dawson, Anderson, et al. (2022)

O’Leary et al. (2022)

Stevenson et al. (2022)

Zacher et al. (2022)