

Publications (* denotes student)

79) Rasher DB, RS Steneck, JA Estes, J Halfar , KJ Kroeker, JB Ries, PTW Chan , J Fietzke, NA Kamenos, B Konar, JS Lefcheck, CJ Norley , BP Weitzman, and IT Westfield. Submitted. Keystone predators govern the pathway and pace of climate impacts in a subarctic marine ecosystem. Science.

78) Gabara S, M Edwards, and B Konar. Submitted. Biodiversity loss leads to reductions in community-wide trophic complexity. Ecosphere.

77) Weitzman BP, B Konar, K Iken, H Coletti, D Monson, R Suryan, T Dean, D Hondelero, and M Lindeberg. Submitted. Changes in rocky intertidal community structure during a marine heatwave in the northern Gulf of Alaska. Frontiers in Marine Science.

76) *Weitzman BP and B Konar. 2020. Biological correlates of sea urchin recruitment in kelp forest and urchin barren habitats. In Press in Marine Ecology Progress Series

75) Edwards M, B Konar, J-H Kim

65) *Traiger SB and B Konar. 2017. Supply and survival: glacial melt imposes limitations at the kelp microscopic life stage. *Botanica Marina* 60:603-617.

64) *Groß J, B Konar, T Brey, and JM Grebmeier. 2017. Size-frequency Distribution, Growth, and Mortality of snow crab (*Chionoecetes opilio*)

53) *Stewart N, B Konar, and MT Tinker. 2015. Testing the nutritional-limitation, predator- avoidance, and storm-avoidance hypotheses for restricted sea otter habitat use in the Aleutian Islands, Alaska. *Oecologia* 177:645-655.

52) *Schuster M and B Konar. 2014. Foliose algal assemblages and deforested barren areas: phlorotannin content, sea urchin grazing and holdfast community structure in the Aleutian dragon kelp, *Eualaria fistulosa*. *Marine Biology* 161:2319-2332.

51) Konar B, MS Edwards and JA Estes. 2014. Biological interactions maintain the boundaries between kelp forests and urchin barrens in the Aleutian Archipelago. *Hydrobiologia* 724:91- 107.

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49) *Stewart N, B Konar, and A Doroff. 2014. Sea otter (*Enhydra lutris*) foraging habitat use in a heterogeneous environment in Kachemak Bay off Alaska. *Bulletin of Marine Science* 90:921- 939.

48) *Fox AL, *EA Hughes, RP Trocine, JH Trefry, SV Schonberg, *ND McTigue, BK Lasorsa, B Konar, and LW Cooper. 2014. Mercury in the northeastern Chukchi Sea: Distribution patterns in seawater and

39) Wilmers CC, JA Estes, KL Laidre, M Edwards, and B Konar. 2012. Do trophic cascades affect the storage and flux of atmospheric carbon? An analysis of sea otters and kelp forests. *Frontiers in Ecology and the Environment* doi:10.1890/110176.

38) Pohle G, K Iken, KR Clarke, T Trott, B Konar, JJ Cruz-Motta, M Wong, L BenedettiCecchi, A Mead, P Miloslavich, N Mieszkowska, R Milne, L Tamburello, A Knowlton, E Kimani, and Y Shirayama. 2011. Aspects of benthic decapod diversity and distribution from rocky nearshore habitat at geographically widely dispersed sites. *PLoS ONE* 6(4): e18606.doi:10.1371/journal.pone.0018606.

O Dor R, JAcosta O Aksel Bergstad R Brainard J Bratte M Canals D Costa J Gunn JK Horne K Iken, J Kocik, B Konar, J Payne, C Reid, B Robison, D Steinke, and E Vanden Berghe. 2010. Bringing new life to ocean

- 29) Konar B, K Iken, and M Edwards. 2009. Depth-stratified community zonation patterns on Gulf of Alaska rocky shores. *Marine Ecology* 30:63-73.
- 28) Konar B and K Iken. 2009. Influence of taxonomic resolution and morphological functional groups in multivariate analyses of macroalgal populations. *Phycologia* 48:24-31.
- 27) *Daly B and B Konar. 2008. Effects of macroalgal structural complexity on nearshore larval and post-larval crab composition. *Marine Biology* 153:1055-1064.
- 26) Bluhm BA, KO Coyle, B Konar, and R Highsmith. 2007. High gray whale densities associated with an oceanographic front in the south-central Chukchi Sea. *Deep Sea Research II* 54:2919-2933.
- 25) Coyle KO, BA Bluhm, B Konar, AL Blanchard, and RC Highsmith. 2007. Amphipod prey of gray whales in the northern Bering Sea: comparison of biomass and distribution between the 1980s and 2002 - 2003. *Deep Sea Research II* 54:2906-2918.
- 24) Coyle KO, B Konar, A Blanchard, RC Highsmith, M Carroll, J Carroll, and S Denisenko. 2007. Temperature effects on the benthic infaunal community on the southeastern Bering Sea shelf: the potential impact of global climate change. *Deep Sea Research II* 54:2885-2905.
- 23) Hondelero D, B Konar, K Iken, and H Chenelot. 2007. Variation in low intertidal communities: submerged vs. emerged. *Publications of the Seto Marine Biological Laboratory* 8:29-36.
- 22) Chenelot H, K Iken, B Konar, and M Edwards. 2007. Spatial and temporal distribution of Echinoderms in rocky nearshore areas of Alaska. *Publications of the Seto Marine Biological Laboratory* 8:11-28.
- 21) *Chenelot H and B Konar. 2007. *Lacuna vincta* herbivory on juvenile and adult *Nereocystis luetkeana*. *Hydrobiologia* 583:107-118.
- 20) *Hamilton J and B Konar. 2007. The influence of kelp variability and substrate complexity on northern nearshore fish abundance. *Fishery Bulletin* 105:189-196.
- 19) Konar B. 2007. Introduction to Rocky Shore Ecology. Chapter in Y Shirayama and K Iken (eds) *Handbook for Sampling Coastal Seagrass and Macroalgae Community Biodiversity*. Kyoto University Press.
- 18) Konar B. 2007. Recolonization of a high latitude hard-bottom nearshore community. *Polar Biology* 30:663-667.
- 17) Konar B, R Riosmena-Rodriguez, and K Iken. 2006. Rhodolith bed: a newly discovered habitat in the North Pacific. *Botanica Marina* 49:355-359.
- 16) Highsmith RC, KO Coyle, B Bluhm, and B Konar. 2006. Gray whales in the Bering and Chukchi Seas. Chapter In: J Estes (ed) *Whales, Whaling and Ocean Ecosystems*. UC Press. 303- 314.
- 15) Vroom P, L Walters, K Beach, J Coyer, J Smith, MJ Abgrall, D Byron, K DeAngelis, B Konar, J Liss, and R Okano. 2005. Hurricane-induced propagation and rapid regrowth of the weedy brown alga *Dictyota* in the Florida Keys. *Florida Scientist* 68(3):161-74.
- 14) Konar B and K Iken. 2005. Competitive dominance among sessile marine organisms in a high Arctic boulder community. *Polar Biology* 29:61-64.

