

**Reference List for 12-Month Finding on Two Petitions to List the Pinto Abalone (*Haliotis kamtschatkana*) under the Endangered Species Act**

National Marine Fisheries Service, West Coast Region  
Protected Resources Division, Long Beach, CA

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FEDERAL REGISTER NOTICES

- U.S. Federal Register, Volume 68 No. 60. 68 FR 15100, March 28, 2003. Policy for evaluation of conservation efforts when making listing decisions.
- U.S. Federal Register, Volume 69 No. 73. 69 FR 19975, 15 April 2004. Endangered and threatened species; Establishment of Species of Concern list, addition of species to Species of Concern list, description of factors for identifying Species of Concern, and revision of candidate species list under the Endangered Species Act.
- U.S. Federal Register, Volume 78 No. 222. 78 FR 69033, 18 November 2013. Endangered and threatened wildlife: 90-day finding on petitions to list the pinto abalone as threatened or endangered under the Endangered Species Act.
- U.S. Federal Register, Volume 79 No. 126. 79 FR 37578, 1 July 2014. Endangered and threatened wildlife: Final Policy on Interpretation of the Phrase “Significant Portion of Its Range” in the Endangered Species Act’s Definitions of “Endangered Species” and “Threatened Species.”

PERSONAL COMMUNICATIONS

- Bird, Amanda. Masters Program, California State University, Fullerton (CSUF). July 26, 2014. Pers. comm. with Melissa Neuman (NMFS) regarding unpublished preliminary data from surveys to characterize the demographics of pinto abalone populations in nearshore San Diego kelp beds (Point Loma and La Jolla).
- Boch, Charles. Stanford University. April 28, 2014. Pers. comm. with David Kushner (NPS) regarding estimated proportion of *H. kamtschatkana* in mixed assemblages of *H. sorenseni*/*H. kamtschatkana*.
- Breen, Paul. DFO. Unpublished observations regarding maximum movement of tagged pinto abalone, cited in Sloan and Breen 1988.
- Friedman, Carolyn. University of Washington, School of Aquatic and Fishery Sciences, Seattle, WA. April 29, 2014. Unpublished data on laboratory studies regarding effects of elevated pCO<sub>2</sub>, varying temperature, and exposure to *Vibrio tubiashii* on early life stages of pinto abalone presented to SRT at team meeting.
- Gee, P. and J. Lee. Simon Fraser University, Canada. Unpublished student reports on laboratory studies on pinto abalone algal feeding and preferences, cited in Sloan and Breen 1988.

- Groth, Scott. South Coast Shellfish Biologist, ODFW, Charleston, OR. 14 December 2009. Pers. comm., via phone call with Susan Wang (NMFS), regarding an observation of one live pinto abalone at Orford Reef the week of 7 December 2009 by an urchin diver. Cited in NMFS. 2009. 2009 NMFS West Coast Workshop on abalone Species of Concern. Prepared by the NMFS Southwest Region and Northwest Region. 1 September 2009. 25 pp. Available online at:  
[http://www.nmfs.noaa.gov/pr/pdfs/species/abalone\\_workshop\\_soc2009.pdf](http://www.nmfs.noaa.gov/pr/pdfs/species/abalone_workshop_soc2009.pdf).
- Groth, Scott. South Coast Shellfish Biologist, ODFW, Charleston, OR. 26 June 2014. Unpublished data, via pers. comm. (email) with Susan Wang (NMFS), regarding observations of live pinto abalone in Oregon.
- Hagey, William, *et al.* Pisces Design, Sept. 2013-Sept. 2014. Unpublished data on pinto abalone observations in Southern California reported to Melissa Neuman (NMFS).
- Hebert, Kyle. ADF&G. 25 September 2014. Pers. comm., via email with Sadie Wright (NMFS), regarding pinto abalone dive workshop and surveys conducted during the American Academy of Underwater Sciences (AAUS) conference in September 2014 in Sitka Sound.
- Hebert, Kyle. ADF&G. 26 March 2014. Pers. comm. and unpublished data shared with the SRT via a presentation on Northern Abalone Fishery Management in Southeast Alaska.
- Lessard, Joanne. Abalone Research Biologist, Fisheries and Oceans Canada, Nanaimo, BC. Pers. comm. in 2008 regarding pinto abalone aggregation studies and poaching in British Columbia, cited in COSEWIC 2009.
- Lessard, Joanne. Abalone Research Biologist, Fisheries and Oceans Canada, Nanaimo, BC. April 24, 2014. Pers. comm. with SRT via a presentation on pinto abalone in British Columbia.
- Neuman, M. *et al.* NMFS Protected Resources Division, Long Beach, CA. Jan.-Sept. 2014. Unpublished data on pinto abalone and habitat surveys in Southern California.
- Owen, Buzz and Rafferty, Arjay. Haliotidae taxonomist and shell collector. April 28, 2014. Pers. comm. with David Kushner (NPS) regarding pinto abalone specimens collected from both the northern and southern portions of the species' range that exhibiting morphologies representative of both subspecies.
- Park, Linda. NMFS NWFSC. March-May, 2014. Unpublished data and pers. comm. with Kristen Gruenthal (NWFSC) regarding genetic analysis of pinto abalone and other abalone species.
- Parnell, Ed. UCSD. July 27, 2014. Pers. comm. with David Kushner (NPS) regarding episodic nature of pinto abalone reproduction and recruitment off of Point Loma, CA.
- Rogers-Bennett, Laura. CDFW. Nov. 3, 2014. Unpublished data shared with the Melissa Neuman (NMFS) regarding status of pinto abalone in Northern California.
- Schwenke, Piper. NMFS NWFSC. March-May, 2014. Unpublished data and pers. comm. with Kristen Gruenthal (NWFSC) regarding genetic analysis of pinto abalone and other abalone species.

Taniguchi, Ian. CDFW. April 24, 2014. Unpublished data shared with the SRT via a presentation on threaded abalone in California.

Walker, Scott. ADF&G. 26 March 2014. Pers. comm. and unpublished data shared with the SRT via a presentation on Northern Abalone Fishery Management in Southeast Alaska.

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