



# Benefits of Beaver to California & Stewardship Strategies Resource List

Beaver (*Castor canadensis*) are native to California and can be found throughout the state. The following resources describe the important services beaver-created wetlands provide to humans and other species and how to protect property with non-lethal management strategies.

## BEAVER ADVOCATES AND ORGANIZATIONS

- Occidental Arts and Ecology Center WATER Institute, Kate Lundquist & Brock Dolman (CA) – [www.oaec.org/beaver](http://www.oaec.org/beaver)
- Worth A Dam, Heidi Perryman (CA) – [www.martinezbeavers.org](http://www.martinezbeavers.org)
- Sierra Wildlife Coalition, Sherry Guzzi (CA, NV) - [www.facebook.com/pages/Sierra-Wildlife-Coalition/166390266746187](https://www.facebook.com/pages/Sierra-Wildlife-Coalition/166390266746187)
- Mid Klamath Watershed Council, Will Harling (CA) - <http://www.mkwc.org/programs/wildlife/beavers/>
- The Beaver Mapper, Eli Asarian (CA, OR) – [www.riverbendsci.com/projects/beavers](http://www.riverbendsci.com/projects/beavers)
- Scott River Watershed Council, Charnna Gilmore (CA) - <http://www.scottriverwatershedcouncil.com/#!projects/c1vww>
- Southland Beaver Blog, Duane Nash (CA) - <http://southlandbeaver.blogspot.com/>
- Beavers Northwest, Ben Dittbrenner (WA) - <http://www.beaversnw.org/home.html>
- The Lands Council Beaver Solution, Joe Cannon (WA) - [www.landscouncil.org/beaversolution/](http://www.landscouncil.org/beaversolution/)
- The Grand Canyon Trust, Mary O'Brien (UT) – <http://www.grandcanyontrust.org/utah-forests>
- The Seventh Generation Institute, Cathryn Wild (NM) - [www.seventh-generation.org](http://www.seventh-generation.org)
- Wild Earth Guardians, Bryan Bird (NM) – [www.wildearthguardians.org](http://www.wildearthguardians.org)
- Beavers, Wetlands and Wildlife, Sharon Brown (NY) - [www.beaversww.org](http://www.beaversww.org)

## BEAVER RESTORATION AND NON-LETHAL MANAGEMENT GUIDES

- ***The Beaver Restoration Guidebook: A Practitioner's Guide to Working With Beaver to Restore Streams, Wetlands and Floodplains*** by Gregory Lewallen, Chris Jordan, Kent Woodruff, Michael Pollock and Janine Castro, 2015.  
<http://www.fws.gov/oregonfwo/ToolsForLandowners/RiverScience/Beaver.asp>
- **The Beaver Restoration Assessment Tool (BRAT)** - <http://brat.joewheaton.org/>
- ***Beaver Restoration Toolbox: A collection of insights, resources and expert contacts to guide riparian restoration projects that capitalize on the engineering capacity of the North American beaver*** by Karl Malcolm, 2013. <http://oaec.org/wp-content/uploads/2014/10/USFS-Beaver-Restoration-Guide.pdf>
- ***Landowners' Guide to Nonlethal Beaver Solutions: How to Help Beavers and Benefit From Them At The Same Time*** by Animal Protection of New Mexico, 2012.  
[www.apnm.org/campaigns/beavers/BeaverLandOwnersGuide.pdf](http://www.apnm.org/campaigns/beavers/BeaverLandOwnersGuide.pdf)
- ***Working With Beaver For Better Habitat Naturally*** by Sherri Tippie, Wildlife 2000, 2010.  
[digitalcommons.unl.edu/icwdmother/63/](http://digitalcommons.unl.edu/icwdmother/63/)
- ***Report on the Efficacy and Comparative Costs of Using Flow Devices to Resolve Conflicts with North American Beavers along Roadways in the Coastal Plain of Virginia***, submitted by Stephanie L. Boyles, Christopher Newport University, 2006.  
[www.beaversww.org/assets/PDFs/BoylesReport2006-1.pdf](http://www.beaversww.org/assets/PDFs/BoylesReport2006-1.pdf)
- ***Working with beaver to restore salmon habitat in the Bridge Creek intensively monitored watershed: Design rationale and hypotheses*** by Pollock, M. M., J. M. Wheaton, N. Bouwes, C. Volk, N. Weber, and C. E. Jordan, 2012. NOAA Technical Memorandum, NMFS–NWFSC–120.  
<http://www.nwfsc.noaa.gov/research/divisions/fe/documents/NMFS-NWFSC-120.pdf>

## NON-LETHAL BEAVER MANAGEMENT DEVICE INSTALLERS

- Kevin Swift, Swift Water Design (CA) - [www.swiftwaterdesign.com](http://www.swiftwaterdesign.com)
- Jacob Shokey, Beaver State Wildlife Solutions (OR) – <http://www.beaverstatewildlifesolutions.com/>
- Mike Callahan, Beaver Solutions (MA)- [www.beaversolutions.com/](http://www.beaversolutions.com/)
- Skip Lisle, Beaver Deceivers, International (VT) - [www.beaverdeceivers.com/](http://www.beaverdeceivers.com/)

## BEAVER RELOCATION PRACTITIONERS AND PROGRAMS IN THE WEST

- The Beaver Advocacy Committee of the South Umpqua Rural Community Partnership, Leonard and Lois Houston (OR) – [www.surcp.org/beavers](http://www.surcp.org/beavers)
- The Lands Council Beaver Solution, Joe Cannon (WA) - [www.landscouncil.org/beaversolution/](http://www.landscouncil.org/beaversolution/)
- The Methow Beaver Project, Kent Woodruff (WA) – [www.methowsalmon.org](http://www.methowsalmon.org)
- The Sky Beaver Project (WA) - <http://www.beaversnw.org/conservation.html>
- Wildlife 2000, Sherri Tippie (CO) – (303) 935-4995
- Yakima Beaver Project, Melissa Babik (WA) - <http://midcolumbiarieg.com/what-we-do/floodplain-reconnection/beaver-restoration/beaver-reintroduction/>

## BEAVER ECOLOGY, BENEFITS TO COMMUNITIES, SALMON, BIRDS AND CLIMATE CHANGE

- *The Beaver, Its Life and Impact (second edition)*, by Dietland Müller-Schwarze, 2011. <http://www.cornellpress.cornell.edu/book/?GCOI=80140100591290>
- *The Economic Value of Beaver Ecosystem Services, Escalante River Basin, Utah* by ECONorthwest, 2011. <http://www.econw.com/our-work/publications/the-economic-value-of-beaver-ecosystem-services-escalante-river-basin-utah>
- “Hydrologic and Geomorphic Effect of Beaver Dams and Their Influence on Fishes” by Michael M. Pollock, Morgan Heim and Danielle Werner (*American Fisheries Society Symposium* 37, 2003). [www.albergstein.com/cao/Best Available Science/Fish/Beaver dam effects paper final.pdf](http://www.albergstein.com/cao/Best Available Science/Fish/Beaver dam effects paper final.pdf)
- “The Importance of Beaver Ponds to Coho Salmon Production in the Stillaguamish River Basin, Washington, USA” by Michael Pollock, George R. Pess, Timothy J. Beechie and David R. Montgomery (*North American Journal of Fisheries Management*, 2004). [www.gis.ess.washington.edu/grg/publications/pdfs/Pollock.pdf](http://www.gis.ess.washington.edu/grg/publications/pdfs/Pollock.pdf)
- *The Beaver Manifesto* by Glynnis Hood, 2011. [http://www.rmbooks.com/book\\_details.php?isbn\\_upc=9781926855585](http://www.rmbooks.com/book_details.php?isbn_upc=9781926855585)
- Beaver and Birds Website - [www.ecology.info/beaver-birds.htm](http://www.ecology.info/beaver-birds.htm)

- ***Beaver and Climate Change Adaptation in North America: A Simple, Cost-Effective Strategy for the National Forest System*** by WildEarth Guardians, Grand Canyon Trust and Beaver Solutions, 2011.  
[http://www.wildearthguardians.org/site/DocServer/Beaver\\_and\\_Climate\\_Change\\_Final.pdf?docID=3482](http://www.wildearthguardians.org/site/DocServer/Beaver_and_Climate_Change_Final.pdf?docID=3482)
- ***Beaver As a Climate Change Adaptation Tool: Concepts and Priority Sites in New Mexico*** by Cathryn Wild, Seventh Generation Institute, 2011. [www.oaec.org/wp-content/uploads/2015/03/Beaver-As-a-Climate-Change-Adaptation-Tool---Concepts-and-Priority-Sites-in-New-Mexico.pdf](http://www.oaec.org/wp-content/uploads/2015/03/Beaver-As-a-Climate-Change-Adaptation-Tool---Concepts-and-Priority-Sites-in-New-Mexico.pdf)

## HISTORIC RANGE OF BEAVER IN CALIFORNIA

- **“Novel physical evidence that beaver historically were native to the Sierra Nevada”** by James, C. D. and R. B. Lanman (*California Fish and Game* **98**:129-132, 2012)  
<http://oaec.org/publications/evidence-beaver-native-to-sierra/>
- **“The historical range of beaver in the Sierra Nevada: a review of the evidence”** by Lanman, R. B., H. Perryman, B. Dolman and C. D. James (*California Fish and Game* **98**:65-80, 2012)  
<http://oaec.org/publications/the-historic-range-of-beaver-in-the-sierra-nevada-a-review-of-the-evidence/>
- **“The historical range of beaver (*Castor canadensis*) in coastal California: an updated review of the evidence** by Lanman, C. W., K. Lundquist, H. Perryman, J. E. Asarian, B. Dolman, R. B. Lanman, and M. M. Pollock (*California Fish and Game* **99**:193-221, 2013)  
<http://oaec.org/publications/historical-range-of-beaver-update/>
- ***The historic range of beaver in the north coast of California: a review of the evidence*** by K. Lundquist, B. Dolman, R. B. Lanman, M. M. Pollock, J. R. Baldwin, 2013.  
<http://oaec.org/publications/historic-range-of-beaver/>

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This document was compiled by the Occidental Arts and Ecology Center WATER Institute. For more information about our work with beaver go to [www.oaec.org/beaver](http://www.oaec.org/beaver), or call Kate Lundquist at (707) 874-1557 x 118

