




**DEPARTMENT OF  
NATURAL RESOURCES**

**Forest Practices Division**  
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Olympia, WA 98504

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**MEMORANDUM**

**DATE:** July 30, 2020  
**TO:** Forest Practices Board  
**FROM:** Mark Hicks, Adaptive Management Program Administrator   
**SUBJECT:** CMER Membership for Aimee McIntyre

The Washington State Department of Fish and Wildlife has nominated one of their technical staff, Aimee McIntyre, to participate as voting members at CMER. The purpose of this memo is to present the qualifications of this candidate to the Board and ask for their vote of support.

Aimee McIntyre has a Master's of Science degree in Wildlife Science, and a Bachelor of Arts degree in Biology. Aimee is specialized in the field of herpetology, and has extensive research publications and has considerable experience conducting research and working within the forest practices Adaptive Management Program.

Aimee is an active member of the Landscape and Wildlife Advisory Committee and has served commendably as Principal Investigator for the CMER Type N Hard Rock study. She is now beginning efforts to scope a CMER study examining the use of seasonally dry sections of Np streams by amphibians in an effort to better understand the impacts of not buffering portions these stream reaches.

Aimee will work as a team with Dr. Marc Hayes, WDFW's current voting member on CMER. Although both would be voting members, they will distribute the responsibility.

I have included below a copy of her curriculum vitae for your further consideration.

# Aimee McIntyre

Washington Department of Fish and Wildlife

600 Capital Way N, Olympia, WA 98501

*aimee.mcintyre@dfw.wa.gov* | (360) 902-2560

**OBJECTIVES** | Conduct research and provide technical expertise to support Policy decisions and restoration and monitoring efforts associated with aquatic habitats and resources.

Build and maintain working relationships to support and promote successful projects to the mutual benefit of multiple collaborators.

**EXPERTISE** | Applied studies of forestry impacts on streams  
Amphibian ecology  
Amphibian habitat associations  
Disturbance ecology  
WA state Forest Practices rules for non-fish streams

**SKILLS** | Study design & implementation  
Data entry, management, manipulation & statistical analysis  
Report development & manuscript preparation  
Technical assistance  
Technical & public presentations  
Study coordination  
Communication & relationship building  
Field crew training and supervision

**EXPERIENCE | RESEARCH SCIENTIST**

Washington Department of Fish and Wildlife  
January 2015 – Present

**WILDLIFE BIOLOGIST**

Washington Department of Fish and Wildlife  
June 2005 – December 2014

**RESEARCH ASSISTANT**

Oregon State University  
February 2004 – May 2004

**GRADUATE RESEARCH ASSISTANT**

Oregon State University  
September 2001 – December 2003

**BIOLOGICAL FIELD TECHNICIAN**

Forest Service, PNW Research Station  
May 1998 – August 2001

**EDUCATION | OREGON STATE UNIVERSITY, Corvallis, OR**

M.S. Wildlife Science

**LEWIS & CLARK COLLEGE, Portland, OR**

B.A. Biology

**PROFESSIONAL DEVELOPMENT | 2004 – Present, Landscape and Wildlife Advisory Committee member, Cooperative Monitoring Evaluation and Research Committee**

*2004 – Present, Cooperative Monitoring, Evaluation and Research Committee, non-voting member*

*2007 – 2011, The Society for Northwestern Vertebrate Biology, Vice President for Washington*

*2008 – 2010, Inventory Task Team co-lead for Northwest Partners for Amphibian and Reptile Conservation*

*2009, Amphibian and Reptile Science Team Member, Landscape Planning for Washington's Wildlife*

*2006 – 2009, Scientific Advisory Team, Green Diamond Resource Company*

*2005 – 2007, The Society for Northwestern Vertebrate Biology, Trustee*

**PROFESSIONAL AWARDS | 2014, Mentorship and Teaching Award, The Society for Northwestern Vertebrate Biology**

*2013, Best Paper Award, Washington Department of Fish and Wildlife*

2008, Excellence in Working with External Constituents, Washington Department of Fish and Wildlife, Habitat Program

- PUBLICATIONS** | McIntyre, A.P., M.P. Hayes, W.J. Ehinger, S.M. Estrella, D.E. Schuett-Hames and T. Quinn (technical coordinators). 2018. *Effectiveness of Experimental Riparian Buffers on Perennial Non-fish-bearing Streams on Competent Lithologies in Western Washington*. Cooperative Monitoring, Evaluation and Research Report CMER 18-100, Washington State Forest Practices Adaptive Management Program, Washington Department of Natural Resources, Olympia, WA. 890 pp.
- Hayes, M.P., A.P. McIntyre, J.A. Tyson and R. Ojala-Barbour. 2018. *Geographical Regional Partitioning and Habitat Utilization of Van Dyke's Salamander Populations - A literature review and recommendations for future work*. Cooperative Monitoring, Evaluation and Research Report, Washington State Forest Practices Adaptive Management Program, Washington Department of Natural Resources, Olympia, WA. 68 pp.
- Thompson, C.E., C.E. Foxx, R. Ojala-Barbour, A.P. McIntyre and M.P. Hayes. 2018. Olympic Torrent Salamander (*Rhyacotriton olympicus*) Oviposition Site with Notes on Early Development. *Northwestern Naturalist* 99:197-208.
- McIntyre, A.P., J.E. Jones, E.M. Lund, F.T. Waterstrat, J.N. Giovanini, S.D. Duke, M.P. Hayes, T. Quinn and A.J. Kroll. 2012. Empirical and Simulation Evaluations of an Abundance Estimator using Unmarked Individuals of Cryptic Forest-dwelling Taxa. *Forest Ecology and Management* 286:129-136.
- Thompson, C.E., J.M. Walker, F.T. Waterstrat, A.P. McIntyre and M.P. Hayes. 2011. *Rhyacotriton kezeri* (Columbia torrent salamander). Oviposition Site. *Herpetological Review* 42(3):406-408.
- McIntyre, A.P., M.P. Hayes, and T. Quinn. 2009. *Type N Feasibility Study*. A report submitted to the Landscape and Wildlife Advisory Group, Amphibian Research Consortium, and the Cooperative Monitoring, Evaluation, and Research Committee. 48 pp.
- Hallock, L. and A.P. McIntyre. 2009. Inventory and Monitoring. In Olson, D.H. (coord. ed.), *Herpetological Conservation in Northwestern North America*. *Northwestern Naturalist* 90:81-82.
- Waterstrat, F.T., A.P. McIntyre, M.P. Hayes, K.M. Phillips, and T.R. Curry. 2008. *Ascaphus truei* (Coastal Tailed Frog). Atypical Amplexus. *Herpetological Review* 39(4):458.
- Hicks, T.L, D.E. Mangan, A.P. McIntyre and M.P. Hayes. 2008. *Rhyacotriton kezeri* Columbia Torrent Salamander). Larval Diet. *Herpetological Review* 39(4):456-457.

McIntyre, A.P., R.A. Schmitz, and C.M. Crisafulli. 2006. Associations of the Van Dyke's Salamander (*Plethodon vandykei*) with Volcanic Geomorphic Conditions in Headwall Seeps of the Cascade Range, Washington State. *Journal of Herpetology* 40(3):309-322.

**SELECT RECENT  
PRESENTATIONS**

McIntyre, A.P., R. Ojala-Barbour, T. Quinn, M.P. Hayes, J.E. Jones, A.J. Kroll. Amphibian response to variable length riparian buffers in clearcut basins. Symposium on Responses of Headwater Streams to Forest Management in the Pacific Northwest, Corvallis, OR, January 15-16, 2019. *Invited speaker.*

McIntyre, A.P. Type N Experimental Buffer Treatment Study on Hard Rock Substrates: Summary of findings through two years post-harvest. Washington State Forest Practices Adaptive Management Program Science Conference, Olympia, WA, May 8, 2018. *Invited speaker.*

McIntyre, A.P., J.E. Jones, E.M. Lund, J. Giovanini, S. Duke, M.P. Hayes, T. Quinn, A.J. Kroll. *Stream-associated Amphibian Response to Forestry Practices in Western Washington*. American Fisheries Society Annual Meeting, Portland, OR, August 16 – 20, 2015. *Oral presentation.*

McIntyre, A.P., J.E. Jones, E.M. Lund, J. Giovanini, S. Duke, M.P. Hayes, T. Quinn, A.J. Kroll. *Stream-associated Amphibian Response to Forestry Practices in Western Washington*. The National Council for Air and Stream Improvement West Coast Regional Meeting. Forest Watersheds Session. Vancouver, WA, September 23, 2015. *Invited speaker.*

McIntyre, A.P., E.M. Lund, M.P. Hayes and C.M. Crisafulli. *Van Dyke's Salamanders: Estimates of detection probability and implications for research and monitoring*. Development and Implementation of a Monitoring Cooperative for Terrestrial Amphibians. Symposium at the Joint meeting for The Washington Chapter of the Wildlife Society and The Society of Northwestern Vertebrate Biology, Pasco, WA, February 3 – 7, 2014. *Invited speaker.*

McIntyre, A.P., J.E. Jones, E.M. Lund, M.P. Hayes, T. Quinn, A.J. Kroll, J. Giovanini, S. Duke. Estimation of detection probability and abundance for cryptic stream-breeding amphibians utilizing a binomial mixture model. The Wildlife Society Annual Meeting, Portland, OR, October 2012. *Oral presentation.*

**From:** [Hayes, Marc P. \(DFW\)](#)  
**To:** [Hicks, Mark \(DNR\)](#)  
**Cc:** [McIntyre, Aimee P. \(DFW\)](#); [Quinn, Timothy \(DFW\)](#)  
**Subject:** RE: Memo on Aimee as voting representative  
**Date:** Monday, June 8, 2020 10:26:00 AM

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Hi Mark,

This memo is to request that Aimee McIntyre be accepted as a voting representative on CMER for WDFW when I cannot attend. This request will stand indefinitely.

*Marc*

Marc P. Hayes, PhD  
Senior Research Scientist  
Aquatic Research Section Lead  
Science Division, Habitat Program  
Washington Department of Fish and Wildlife  
**Building Location:** Natural Resources Building  
1111 Washington St. SE  
Olympia, WA 98501  
**Mailing Address:** PO Box 43200  
Olympia, WA 98504-3200  
**Email:** [Marc.Hayes@dfw.wa.gov](mailto:Marc.Hayes@dfw.wa.gov)  
**Ph:** (360) 902-2567