

Rich Hatfield

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Rich is a senior conservation biologist for the Xerces Society for Invertebrate Conservation and has a Master's degree in Conservation Biology from San Francisco State University. His Master's thesis focused on bumble bee conservation and the habitat attributes that contribute to bumble bee species richness. He has authored several publications on bumble bees, including a set of management guidelines entitled *Conserving Bumble Bees*. He serves as the Red List Authority for the IUCN (International Union for the Conservation of Nature) Bumble Bee Specialist Group. In this role he has authored IUCN Red List Assessments for North American bumble bees, and coordinated the assessment of bumble bee Red List Assessments in Central and South America. He has taught bumble bee management and identification courses to federal, state and regional biologists; natural areas land managers; and citizen scientists in Oregon, Washington, Idaho, California, and Massachusetts. Rich helped develop and launch the citizen science website *Bumble Bee Watch* (www.bumblebeewatch.org), which has attracted over 10,000 users throughout North America, and gathered over 20,000 photo observations of North American bumble bees since 2014. In addition to his work with bumble bees, Rich has investigated native bee pollination in agricultural systems in the Central Valley of California, and studied endangered butterflies in the San Juan Mountains of Colorado and throughout the Pacific Northwest.