

CURRICULUM VITAE

OF

CHARLES VAN RIPER III

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EDUCATIONAL BACKGROUND

Doctor of Philosophy in Zoology (1978)
Department of Zoology
University of Hawaii
Honolulu, Hawaii 96822

Master of Education in Science (1967)
Departments of Education and Zoology
Colorado State University
Fort Collins, Colorado 80523

Bachelor of Science (1966)
Department of Zoology
Colorado State University
Fort Collins, Colorado 80523

EXPERIENCE-

ST Research Ecologist Emeritus - DOI/USGS (2014 - Present)

Southwest Biological Science Center, University of Arizona, Tucson, AZ 85721

Professor (2004 - present)

Department of Wildlife and Fisheries Sciences, School of Natural Resources and the Environment,
University of Arizona, Tucson, Arizona 85721

ST Research Ecologist, DOI/USGS (2008 - 2014)

SBSC Sonoran Desert Research Station, University of Arizona, Tucson, AZ 85721

Research Station Leader, Supervisory Research Ecologist- USGS (2003 - 2014)

SBSC Sonoran Desert Research Station, University of Arizona, Tucson, AZ 85721

Professor (1990 - 2005)

Department of Biological Sciences, Northern Arizona University, Flagstaff, Arizona 86011

Research Scientist USGS (2002 – 2003)

SBSC Colorado Plateau Field Station, Northern Arizona University, Flagstaff, AZ 86011

Station Leader, USGS (1994 -2002)

FRESC Colorado Plateau Field Station, Northern Arizona University, Flagstaff, AZ 86011

Scientist/Unit Leader (1989 - 1993)

Cooperative National Park Resources Studies Unit, Northern Arizona University, Flagstaff, AZ 86011

Associate Adjunct Professor (1985 - 1989)

Department of Wildlife and Fisheries Biology, University of California, Davis, CA 95616

Assistant Adjunct Professor (1980 - 1985)

Department of Zoology, University of California, Davis, CA 95616

Scientist/Unit Leader (1979 - 1989)

Cooperative National Park Resources Studies Unit, University of California, Davis, CA 95616

Assistant Research Professor (1977-1979)

University of Hawaii, Honolulu, Hawaii 96822

Wildlife Biologist (1975-1976)

Department of the Interior, US Fish and Wildlife Service, Volcano, Hawaii 96718

Research Assistant (1974-1975)

Department of Zoology, University of Hawaii, Honolulu, Hawaii 96822

Teaching Assistant (1972-1974)

Department of Zoology, University of Hawaii, Honolulu, Hawaii 96822

Instructor (1968-1972)

The Hawaii Preparatory Academy, Kamuela, Hawaii 96743

Instructor (1967-1968)

Mahopac Central High School, Mahopac, New York 10541

Biological Technician (1963-1964)

Colorado Fish, Game and Parks Department, Meeker, CO 80460

SELECT HONORS

- 2015 Northern Arizona University COPL Biennial conference award
2014-P Selected for US Geological Survey "ICES" Science Advisory Team
2013 US Geological Survey SSPT Service Medal and Award
2011 FSPAC – Peer Review Subcommittee Star Award
2010-14 Selected for US Geological Survey "Ecosystems" Science Strategy Planning Team
2009-11 Presidential Office – Wildlife Disease Association
2009-11 Selected for US Geological Survey Fundamental Science Practices Advisory Council
2008 ST Research Ecologist – DOI/USGS (one of 7 biologists in the DOI)
2007-09 Elected President – Wildlife Disease Association
2007 Natural Resources Award - George Wright Society
2007-P Council of Advisors - Natural Areas Association
2007 Certificate of Achievement – Executive Leadership Team USGS – for SST efforts
2006-P Fellow – American Ornithologists' Union
2006 George B. Fell Award– Natural Areas Association
2006-08 Selected for US Geological Survey Science Strategy Team
2004 Certificate of Excellence – Scientific Information Work Group, Southwest Strategy
2003-P Fellow – Arizona Arts, Science and Technology Academy
2002 Certificate of Excellence, Northern Arizona University
2000-P Fellow – (AAAS) American Association for the Advancement of Science
2000 Elected Commissioner, National Recreation & Park Assoc.
2000 Outstanding Service Award - Northern Arizona University
1999 Selected for the 'Federal Executive Institute;' Class No. 254
1999 Outstanding Intellectuals of the 20th Century
1995 Arizona/Nevada Academy of Sciences
1995 Special Merit Award - National Biological Service
1994 Man of the Year - American Biographical Institute
1994 Ombudsman - National Biological Survey
1993 Honorary Member - Cooper Ornithological Society
1991 NPS Director's Award for Science in the National Park Service
1990 Western Regional Directors Natural Resources Award - National Park Service
1988 International Leaders in Achievement (England)
1986 Elected to The Explorers Club
1984 Elected to Phi Si - Scientific Honorary Society
1982 Elective Member of the American Ornithologists' Union
1980 Special Merit Award - US Fish and Wildlife Service
1979 American Men and Women of Science
1977 Recipient of the outstanding student paper presentation at the 2nd Annual A. Testor Memorial Symposium
1977 Elected to membership in Sigma Xi; promoted to full membership in 1982

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- American Association for the Advancement of Science (Fellow)
American Ornithologists' Union (Life, Elected Member & Fellow)
Arizona Arts, Science and Technology Academy (Fellow)
California Field Ornithologists (Life Member)
Cooper Ornithological Society (Life & Honorary Member)

Ecological Society of America
 George Wright Society (Life Member)
 Hawaii Audubon Society (Life Member)
 Natural Areas Association (Council of Advisors)
 Raptor Research Foundation
 Society for Conservation Biology
 Western Bird-banding Association (Life Member)
 Wilson Ornithological Society (Life Member)
 Wildlife Disease Association
 Wildlife Society

RESEARCH FUNDING AWARDS

2014-17 (\$75,000) Colorado River Pulse flow – avian portion
 2013-14 (\$40,000) Heavy Metal contaminant levels in western migratory birds
 2013-15 (\$53,000) BLM Madrean REA in southern Arizona
 2012-16 (\$128,000) Upland water survey in southern Arizona
 2012-17 (\$5,000) Contamination levels of birds in the Santa Cruz watershed, AZ
 2011-15 (\$128,000) Heavy metal contamination in birds on the Santa Cruz River, AZ
 2011-13 (\$18,000) Neotropical migrant bird use-patterns in the Sky Islands of Arizona
 2010-11 (\$11,000) Modeling habitat of the Yellow-billed Cuckoo in Arizona
 2009-12 (\$152,000) Tamarisk Beetle/Bird interactions on the Dolores River, CO
 2009-12 (\$1,800,000) NCCWSC Global Climate Change Funding for the Colorado Plateau
 2008-09 (\$50,000) Development of a proposal to examine US/MX Border Fence Impacts, DHS
 2008-12 (\$1,109,000) Border Health Initiative on the Santa Cruz River and Patagonia Lake, AZ
 2008-10 (\$75,000) Development of an inventory assessment of DOD B. M. Goldwater Range
 2007-10 (\$118,500) Avian responses to habitat management on the lower Colorado River
 2007-10 (\$120,000) Predicting avian responses to invasive sp.; Rio Grande and San Pedro Rivers
 2007-09 (\$30,000) Avian community response to fire at Kofa NWR
 2006-09 (\$180,000) Neotropical migrant birds and stable hydrogen isotopes
 2005-07 (\$17,500) A synthesis of information along the Lower Colorado River corridor
 2004-06 (\$45,000) Neotropical migrant bird use of habitat along the Colorado River corridor
 2002-04 (\$56,000) Influence of fire on bird communities in Pinyon Juniper Habitat
 2002-03 (\$20,000) Neotropical migrant birds in the Mexico, Colorado River Delta
 2001-02 (\$20,000) Influence of native/introduced plants on Colorado River neotropical migrant birds.
 2000-01 (\$25,000) Pronghorn antelope response to removal of movement barriers in northeastern Arizona
 1999-01 (\$30,000) Neotropical migrant birds in the Mexico, Colorado River Delta
 1999-00 (\$69,000) Development of user access to Yellow-billed Cuckoo data from Arizona
 1999-02 (\$128,500) Habitat use by Mexican Spotted Owls in Escalante NM (with David Willey)
 1998-00 (\$37,500) State-wide survey of Yellow-billed Cuckoo in Arizona
 1998-03 (\$500,000) Neotropical migrant bird use of the Colorado River corridor
 1996-00 (\$64,200) Neotropical migrant bird habitat use along the Colorado River corridor
 1995-99 (\$274,000) Neotropical migrant bird, habitat associations and GIS research along the Colorado River corridor
 1993-96 (\$79,000) Pronghorn homerange parameters in northeastern Arizona
 1992-95 (\$109,434) Programmatic Research of Multiple Resource Inventories at Montezuma Castle/Well National Monuments
 1991-92 (\$88,400) Habitat use by Mexican Spotted Owls on the Colorado Plateau (with David Willey)
 1990-94 (\$43,590) Avian Community Ecology of Montezuma Castle National Monument
 1990-94 (\$30,000) Mexican Spotted Owl survey on the Colorado Plateau.
 1990-92 (\$109,893) Bald Eagle/Trout Interactions on the Colorado River
 1988-89 (\$10,000) Conservation Strategies: Effects of Size and Isolation on California State and National Parks and Resulting Species Composition (with J. Quinn).

1987-90 (\$66,000) The population dynamics of Santa Rosa Island land birds.
1986-90 (\$102,000) A survey of Great Gray Owls in the greater Yosemite region.
1986-88 (\$48,000) Avian Community Structure of the Mill and Deer Creek Drainages in Northern California. (with P. Moyle)
1985-89 (\$90,974) The impacts of visitors on Great Grey Owls in Yosemite National Park.
1985-87 (\$12,030) Policy Analysis of Whiskeytown NRA Carrying Capacity. (with D. Field & S. Schwartz).
1985-86 (\$15,500) Effective refuge sizes: testing the SLOSS controversy. (with J. Quinn).
1984-85 (\$15,132) A study of conservation strategies: effects of refuge size. (with J. Quinn)
1983-86 (\$66,000) Avian Community Structure at Pinnacles National Monument.
1982-86 (\$46,000) Channel Islands land bird research.
1981-83 (\$50,000) A survey of Peregrine Falcons in Yosemite National Park.
1981-82 (\$12,000) An energy budget of the endangered Palila in Hawaii.
1980-81 (\$7,168) National Geographic Society Grant – endangered species in Hawaii.
1980-81 (\$8,000) Extension of Grant OMR-79-CP20
1980 (\$8,000) National Park Service Contract CX 8000-80-6.
1980 (\$2,488) The Opportunity Program for Ecological Research, Institute of Ecology Grant (with W. E. Weathers).
1979-81 (\$36,543) Office of Manpower Resources Grant OMR-79-CP20 – Avian diseases
1979 (\$150) Sigma Xi research grant (with W. E. Evenson).
1979 (\$1,000) The Frank M. Chapman Memorial Fund Research Grant, American Museum of Natural History, New York.
1979 (\$8,540) The World Wildlife Fund Research Grant – endangered Hawaiian birds.
1978-80 (\$30,000) The Center for Field Research, Belmont, Massachusetts, Research Grant.
1978 (\$450) The Hawaii Audubon Society Research Grant
1977-80 (\$118,194) University of Hawaii, U.S.D.I. Research Grant, Contract CX 8000 70009 – the impact of introduced diseases on native Hawaiian birds.
1976 (\$2,163) World Wildlife Fund, US Appeal Section, Research Grant Extension awarded to Grant US-35.
1976 (\$500) The Frank M. Chapman Memorial Fund Research Grant, American Museum of Natural History, New York.
1974-75 (\$4,014) World Wildlife Fund, Morges, Switzerland, Research Grant US-3.
1974 (\$1,000) Hawaii Volcanoes Natural History Association Research Grant.
1974 (\$4,000) Research Assistantship for National Science Foundation Grant GB-23230 awarded to A. J. Berger.
1974 (\$500) The Hawaii Audubon Society Research Grant.
1973 (\$400) The Frank M. Chapman Memorial Fund Research Grant, American Museum of Natural History, New York.
1973 (\$845) The International Council for Bird Preservation Research Grant.
1973 (\$500) The McInerny Foundation Research Grant.
1972 (\$500) Hawaii Audubon Society Research Fellowship.

PROFESSIONAL ASSIGNMENTS

2014 – P USGS Advisory Team – Innovation Center for Earth Sciences (ICES)
2013 – 15 Chair, BLM Madrean Rapid Ecosystem Assessment Science Advisory team
2012 – 14 Management Team Committee - SBSC
2011 – 12 Chair, Long-term Vision Committee - SBSC
2010 – 13 USGS Science Strategy Planning Team (SSPT) for Ecosystems
2009 – 11 USGS Fundamental Science Practices Advisory council (FSPAC); Peer review subcommittee
2009 – 10 USGS BRD-WTER Program Review Committee
2009 – 11 Office of “Past President” – Wildlife Disease Association
2009 – 12 USGS FSP Advisory Committee

2008 – 09 Chair, American Ornithologists' Union Awards Committee
 2007 – P Council of Advisors – Natural Areas Association
 2007 – 09 President – Wildlife Disease Association
 2006 – 07 USGS Science Strategy Team (SST)
 2006 – 08 USGS Avian Influenza WR Science Team
 2006 – 07 USGS PART Advisory Group
 2006 – 11 Department of Interior – Border Strategy Team
 2006 – 07 Acting Center Director, Southwest Biological Science Center
 2005 – 09 Editor – Journal of Wildlife Diseases - Book Reviews
 2004 – 08 American Ornithologists' Union Awards Committee
 2004 – 08 Chair, Electronic journal committee, Wildlife Disease Association
 2003 – 10 Board of Directors, Sonoran Joint Venture
 2002 – 03 Developed West Nile Virus Research strategy for the USGS and the NWHC Madison, WI
 2000 – 08 Cooper Ornithological Society Honorary Member Committee; Chair 2003-08
 1999 – 04 Board of Directors, Society for Conservation Biology, Colorado Plateau Chapter
 1998 – 04 Chairman - Southwest Strategy (DOI/DOA/DOD), Scientific Information Work Group
 1998 – P Budget and Investment Board - Wildlife Disease Association
 1997 – P Editorial Board - Wildlife Disease Association: Journal of Wildlife Diseases
 1995 – 99 Chair, American Ornithologists' Union Membership Committee
 1995 – 97 NPS/NBS/USGS National Coordination Committee
 1994 – 96 Ombudsman to the Director, National Biological Survey
 1991 – 99 American Ornithologists' Union Membership Committee
 1991 – 99 National Park Service Director's Resource Management and Science Task Force
 1990 – 95 Western Region National Park Service Natural Resources and Research Advisory Group
 1989 - 97 National Park Service Editorial Board
 1988 - 90 Wildlife Disease Association Membership Committee
 1987 - 97 National Park Service Publications Task Force
 1986 - 91 Assistant Editor, *Journal of Wildlife Diseases*
 1986 - 88 Board of Directors, Cooper Ornithological Society
 1985 - 87 Chairman for American Ornithologists' Union committee on "Career Opportunities in Ornithology"
 1982 - 88 Appointed by the U.S. Fish and Wildlife Service as a member of the Peregrine Falcon Recovery Team for the Western US (State Member for Arizona 1989-1998)
 1980 - 83 Chairman, Cooper Ornithological Society Publication Committee
 1979 - 80 Regional Representative for Hawaii to the National Wildlife Society
 1976 - 77 Vice President, Hawaii Audubon Society
 1974 - 95 Palila Endangered Species Recovery Team (Hawaii)

PUBLICATIONS

- Huenneke, L. F., C. van Riper, III, and K. A. Hays-Gilpin. 2015. The Colorado Plateau VI: Science and management at the landscape scale. The University of Arizona Press, Tucson, AZ. *i-vj*; 480 pp.
<http://www.uapress.arizona.edu/BOOKS/bid2255.htm>
- Huenneke, L. F., C. van Riper, III, and K. A. Hays-Gilpin. 2015. Introduction to the proceedings of the 11th Biennial Conference. Pp 3-6, In: The Colorado Plateau VI: Science and management at the landscape scale (Huenneke, L. F., C. van Riper, III, and K. A. Hays-Gilpin, Eds.). The University of Arizona Press, Tucson, AZ. *i-vj*; 480 pp. <http://www.uapress.arizona.edu/BOOKS/bid2255.htm>

- Jamison, L., C. van Riper III, and D. Bean. 2015. The influence of *Tamarix ramosissima* defoliation on population movements of the northern tamarisk beetle (*Diorhabda carinulata*) within the Colorado Plateau. Chapter No. 13, Pp. 281-291, 2 plates, In: The Colorado Plateau VI: Science and management at the landscape scale. L. F. Huenneke, C. van Riper, III, and K. A. Hays-Gilpin, Eds – UA Press, Tucson, AZ, *i-vi*; 480 pp.
- Kellermann, J. L., and C. van Riper III. 2015. Phenological synchrony of bird migration with tree flowering at desert riparian stopover sites. Pp. 133–144 In E. M. Wood and J. L. Kellermann (eds), Phenological synchrony and bird migration: changing climate and seasonal resources in North America. Studies in Avian Biology (no. 47), CRC Press, Boca Raton, FL.
- Kellermann, J. L., and C. van Riper III. 2015. Spatiotemporal patterns of bird migration and responses to interannual climatic variation across elevational gradients of the Madrean Sky Island Archipelago. *Oecologia*. 178: (4) 1227-1238. Published online 31 March 2015).
<http://link.springer.com/article/10.1007/s00442-015-3293-7>
- McCreedy, C., and C. van Riper III. 2015. Drought-caused delay in nesting of Sonoran Desert birds and its facilitation of parasite- and predator-mediated variation in reproductive success. *Auk* 132 (1):235-247.
- van Riper, C., III, Drost, C.A., and Selleck, S.S., 2015. A quarter century of research on the Colorado Plateau—A compilation of the Colorado Plateau Biennial Conference proceedings for 1993–2015: U.S. Geological Survey Open-File Report 2015–1115, 186 p., <http://dx.doi.org/10.3133/ofr20151115>.
- Willey, D. A. and C. van Riper III. 2015. Roost behavior of juvenile Mexican Spotted Owls in the canyonlands of Utah. *The Wilson Journal of Ornithology* 127: 691-697 (December issue).

Abbott, R. C., C. van Riper, III, and E. A. Enright (eds.). 2014. Toxoplasmosis. by D. E. Hill and J. P. Dubey. U.S. Geological Survey Circular 1389, 84 p., 1 appendix. <http://pubs.er.usgs.gov/publication/cir1389>

Hinck, Jo Ellen , Greg Linder, Abigail J. Darrah, Charles A. Drost, Michael C. Duniway, Matthew J. Johnson, Francisca M. Mendez-Harclerode, Erika M. Nowak, Ernest W. Valdez, Stephanie Wolff and Charles van Riper III. 2014, (December). Exposure Pathways and Biological Receptors: Baseline Data for the Canyon Uranium Mine, Coconino County, Arizona. Journal of Fish and Wildlife Management 5(2):422-440. <http://fwspubs.org/doi/pdf/10.3996/052014-JFWM-039>

Johnson, G. E. and C. van Riper III. 2014. The effects of the re-introduced beaver on riparian bird community structure along the upper San Pedro River in southeastern Arizona and northern Sonora, Mexico. U.S. Geological Survey Open-File Report 2014-1129, 76 p.

Landon, A. C., C. J. van Riper, G. T. Kyle, and C. van Riper III. 2014. Effective biodiversity conservation: incorporating the human element – Comment for “Protected Areas and effective biodiversity conservation”. In: Science 342 no. 6160: 805. <http://comments.sciencemag.org/content/10.1126/science.1239268>

Lester, M. B., and C. van Riper III. 2014. The distribution and extent of heavy metal accumulation in song sparrows along Arizona’s Upper Santa Cruz River. Environmental Monitoring and Assessment 186:4779-4791.

Lester, M.B., van Riper, C., III, 2014, Distribution and extent of heavy metal accumulation in Song Sparrows (*Melospiza melodia*), upper Santa Cruz River watershed, southern Arizona, 2011–12. U.S. Geological Survey Open-File Report 2014-1072, 32 p., <http://dx.doi.org/10.3133/ofr20141072/>.

Puckett, S.L., van Riper, C., III, 2014, Impact of the Tamarisk Leaf Beetle (*Diorhabda Carinulata*) on insectivorous birds—Implications for effects of biological control agents on native species: U.S. Geological Survey Open-File Report 2014-1100, 51 p. <http://dx.doi.org/10.3133/ofr20141100>

van Riper, C., III. 2014. Migration in your backyard. Vermillion Flycatcher, April-June 2014:16-17.

van Riper, C., III, R. C. Abbott, M. Friend, and C. Bunck. 2014. Forward. pp. iii-iv, In: D. E. Hill and J. P. Dubey. Toxoplasmosis. U.S. Geological Survey Circular 1389, 84 p., 1 appendix. <http://pubs.er.usgs.gov/publication/cir1389>

van Riper, C., III, J. R. Hatten, J. T. Giermakowski, D. Mattson, J. A. Holmes, M. J. Johnson, E. M. Nowak, K. Ironside, M. Peters, P. Heinrich, K. L. Cole, C.

- Truettner and C. R. Schwalbe. 2014. Projecting climate impacts on birds and reptiles of the Southwestern United States. US Geological Survey Open-File Report. 2014–1050, 100p. <http://pubs.usgs.gov/ofr/2014/1050/>.
- van Riper, C., III, J. Cloern, G. Gelfenbaum, R. B. Jacobson, J. L. Kershner, A. D. McGuire, J. Nichols, C. D. Shapiro, R. P. White, B. K. Williams, G. L. Wingard. 2014. USGS Ecosystem Research for the Next Decade: Advancing Discovery and Application through Collaboration. George Wright Society Forum 31(2): 129-136.
- Villarreal, Miguel L., C. van Riper III, and R. E. Petrakis. 2014. Conflation and aggregation of spatial data improve predictive models for species with limited habitats: a case of the threatened yellow-billed cuckoo in Arizona, USA. Applied Geography 47: 57-69. doi:10.1016/j.apgeog.2013.12.003
<http://www.sciencedirect.com/science/article/pii/S0143622813002798>
- Willey, D. A. and C. van Riper III. 2014. Home range characteristics of Mexican Spotted Owls in the Rincon Mountains, Arizona. The Wilson Journal of Ornithology 126:53-59.
- Abbott, R. C. and C. van Riper, III (eds.). 2013. Trichinosis. by William J. Foreyet. U.S. Geological Survey Circular 1388, 60 p., 2 appendixes.
<http://pubs.er.usgs.gov/publication/cir1388>
- Esque, T. C., R. H. Webb, C. S. A. Wallace, C. van Riper III, C. McCreedy, and L. Smythe. 2013. Desert fires fueled by native annual forbs: Effects of Fire on Communities of Plants and Birds in the Lower Sonoran Desert of Arizona. The Southwestern Naturalist 58(2):223-233. DOI: <http://dx.doi.org/10.1894/0038-4909-58.2.223>
- Haig, S. M., T. E. Martin, C. van Riper III, and T. D. Beard. 2013. Pathways for conservation. Science 341: 215. DOI: 10.1126/science.1242710
<http://www.sciencemag.org/content/341/6143/215.short>
- McFarland, T. M. and C. van Riper, III. 2013. Use of Normalized Difference Vegetation Index (NDVI) habitat models to predict breeding birds on the San Pedro River, Arizona: U.S. Geological Survey Open-File Report 2013–1100, 42 p.
<http://pubs.usgs.gov/ofr/2013/1100/>
- Moring, B., D. Papoulias, and C. van Riper III. 2013. Understanding and preserving ecological resources: Chapter #3. pp 42-63. In: Updike, R.G., Ellis, E.G., Page, W.R., Page, M.J. Parker, J.B. Hestbeck, and W.F. Horak, Eds., 2013. United States-Mexican Borderlands...facing tomorrow's challenges through USGS science. U.S. Geological Survey Circular 1380, 336 p., 1 pl.
<http://pubs.usgs.gov/circ/1380/>
- Sogge, M. K., E. P. Paxton, and C. van Riper III. 2013. Changing perspectives on the role of tamarisk in riparian woodlands: a birds eye view, Chapt. #11: pp 189-206,

- In: Tamarisk. (A. Sherr et al., Eds). The Elsevier Press, New York. 512 pp.
- van Riper, C., III, R. C. Abbott, M. Friend, and C. Bunck. 2013. Forward. pp. iii-iv, In: William J. Foreyet, Trichinosis. U.S. Geological Survey Circular 1388, 60 p., 2 appendixes. <http://pubs.usgs.gov/circ/1388/>
- van Riper, C. J., M. A. Lee, C. van Riper III, and G. T. Kyle. 2013. Understanding how social networking influences perceived satisfaction with conference experiences. *Annals of Leisure Research*. 16(1): 103-114.
- van Riper, C., III., J. J. Fontaine and J. van Wagtendonk. 2013. Great Gray Owls (*Strix nebulosa*) in Yosemite National Park: on the Importance of Food, Forest Structure, and Human Disturbance. *Natural Areas Journal* 33: 500-509.
- Wallace, C. S. A., M. L. Villarreal, and C. van Riper III. 2013. Influence of monsoon-related riparian phenology to yellow-billed cuckoo habitat selection in Arizona. *Journal of Biogeography* 40: 2094-2107.
- Williams, B.K., Wingard, G.L., Brewer, Gary, Cloern, J.E., Gelfenbaum, Guy, Jacobson, R.B., Kershner, J.L., McGuire, A.D., Nichols, J.D., Shapiro, C.D., van Riper III, Charles, and White, R.P. 2013. U.S. Geological Survey Ecosystems Science Strategy—Advancing discovery and application through collaboration: U.S. Geological Survey Circular 1383—C, 43 p. <http://pubs.usgs.gov/circ/1383c/>.
- Bagstad, K. J., D. J. Semmens, and C. van Riper III. 2012. Challenges and opportunities for ecosystem services science and policy in arid and semiarid environments. Pp. 61-79, In: *The Colorado Plateau V: Research, environmental planning, and management for collaborative conservation*. (van Riper, C., III, M. L. Villarreal, C. J. van Riper, and M. J. Johnson, Eds). University of Arizona Press, Tucson, AZ. 343 pp.
- Lee, M. A., C. J. van Riper, C. van Riper III and G. T. Kyle. 2012. Reaching toward the integration of research into resource management activities: A 20-year evaluation of Colorado Plateau Biennial Conferences. Pp. 299-315, In: *The Colorado Plateau V: Research, environmental planning, and management for collaborative conservation*. (van Riper, C., III, M. L. Villarreal, C. J. van Riper, and M. J. Johnson, Eds). University of Arizona Press, Tucson, AZ. 343 pp.
- McFarland, T. M, C. van Riper III, and G. E. Johnson. 2012. The usefulness of riparian NDVI models in assessing avian abundance and richness. *Journal of Arid Environments*. 77: 45-53.
- Meng, R., P. E. Dennison, L. R. Jamison, C. van Riper III, P. Nagler, K. R. Hultine, D. W. Bean, and T. Dudley. 2012. Detection of tamarisk defoliation by the northern tamarisk beetle based on multitemporal Landsat 5 thematic mapper imagery.

GIScience & remote sensing 49 (4): 510-537 <http://dx.doi.org/10.2747/1548-1603.49.4.510>.

- Quijada-Mascareñas Adrián, Charles van Riper III, Daniel L. James, Laura Lopez-Hoffman, Chris Sharp, Randy Gimblett, Michael L. Scott, Laura M. Norman, Rodrigo Medellín, James B. Callegary, Rurik List, Cynthia S.A. Wallace, Peter Holm, Edward Glenn, James Leenhouts, Todd Esque, Melanie Culver, Robert Webb, Robert J. Steidl, Miguel L. Villarreal, Pamela Nagler, Wayne Lackner, Mark Sturm, Reyna Castillo-Gamez y Gerardo Ceballos. 2012. Desarrollo de un programa de monitoreo a nivel ecosistema en el muro fronterizo México-Estados Unidos. pp 165-185. En Cordova, A. y C. de la Parra (coordinadores) El muro fronterizo entre México y Estados Unidos. Espacios, instrumentos y actores para un diálogo constructivo. El Colegio de la Frontera Norte. Tijuana, México.
- Rosemartin, A., and C. van Riper III. 2012. Breeding colonies of Least Terns (*Sterna antillarum*) in northern Sonora, Mexico, 2006-2008. *Southwestern Naturalist* 57(3): 342-345.
- van Riper, C. III and C. Crow. 2012. Avian community responses to vegetation structure within chained and hand-cut pinyon-juniper woodlands on the Colorado Plateau. Pp. 113-132, In: *The Colorado Plateau V: Research, environmental planning, and management for collaborative conservation*. (van Riper, C., III, M. L. Villarreal, C. J. van Riper, and M. J. Johnson, Eds). University of Arizona Press, Tucson, AZ. 343 pp.
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Nonprofessional Involvement

2009 – 2010

Arizona Boy Scout Leader, Catalina Council

1999 – 2005

Arizona Parks and Recreation Commission Member

1996 – 2003	Board of Directors, Arizona Cooperative Extension
1994 - 2003	Coconino County Fair, Advisory Board of Directors (Co-chair 1997-98; Chair 1999-2003)
1993 - 1998	Flagstaff Youth Symphony Board
1992 - 2000	Livestock Superintendent (4-H Sheep) Coconino County Fair
1991 - 1997	Coconino County 4-H Leaders Council
1989 – 1999	Director, Coconino County Livestock Board; Re-elected to 3-year terms in 1992 and 1996
1979 – 2000	4-H Leader