

CURRICULUM VITAE

OF

CHARLES VAN RIPER III

ADDRESS

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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, DOI/USGS (2006 - Present)

SBSC Sonoran Desert Research Station, 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

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

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, National Park Service (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, National Park Service (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

2013	SSPT Service medal and Award
2011	FSPAC – Peer Review Subcommittee Star Award
2010-P	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 20 th 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 2 nd 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)

RESEARCH FUNDING AWARDS

2013-14	(\$40,000) Heavy Metal contaminant levels in western migratory birds
2013-15	(\$53,000) BLM Madrean REA in southern Arizona
2013	(\$10,000) Canyon Mine uranium study
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 McNerny Foundation Research Grant.
1972 (\$500) Hawaii Audubon Society Research Fellowship.

PROFESSIONAL ASSIGNMENTS

2013 -- 15 Chair, BLM Madrean Rapid Ecosystem Assessment Science Advisory team
2012 – P 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

- 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 van Riper, C. 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/>
- Quijada-Mascareñas, A., C. van Riper III, D. James, L. Lopez-Hoffman, C. Sharp, R. Gimblett, M. L. Scott, L. M. Norman, R. Medellin, J. B. Callegary, R. List, C.

- Wallace, P. Holm, E. Glenn, J. Leenhouts, T. Esque, M. Culver, R. Webb, R. Steidl, M. Villarreal, W. Lackner, R. Castillo-Gamez, and G. Ceballos. 2013. An ecosystem level approach for developing an environmental monitoring program for the US/Mexico Border Region. pp 98-123 In de la Parra C.A., A. Córdova & E. Peters (Eds) *The Border Wall: Venues, Mechanisms and Stakeholders for a Constructive Dialogue Between the United States and Mexico*. INE/El Colegio de la Frontera Norte, Mexico (in Spanish).
- 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 Elsvier Press, New York. 512 pp.
- 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>.
- Rosemartin, A., and C. van Riper III. 2012. Breeding colonies of Least Terns (*Sternula 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.
- van Riper, C., III., R. Powell, G. Machlis, C. J. van Riper, J. van Wagtendonk, S. Schwarzbach, R. Galipeau, and E. von Ruschkowski. 2012. Using integrated research and interdisciplinary science: Potential benefits and challenges to managers of parks and protected areas. *The George Wright Forum*. 29(2): 216-226. <http://www.georgewright.org/292vanriper.pdf>
- van Riper, C., III., R. Powell, J. W. van Wagtendonk, G. Machlis, R. Galipeau, C. J. van Riper, and E. von Ruschkowski. 2012. Integrated science and interdisciplinary research for parks and protected areas. Pp. 350-355, In: *Rethinking Protected Areas in a Changing World: Proceedings of the 2011 GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites* (S. Weber, Ed.). The George Wright Society, Hancock, MI. pp 423.
- van Riper, C., III, M. L. Villarreal, C. J. van Riper, and M. J. Johnson. 2012. The Colorado Plateau V: Research, environmental planning, and management for collaborative conservation. The University of Arizona Press, Tucson, AZ. i-xiii; 343 pp. <http://www.uapress.arizona.edu/BOOKS/bid2386.htm>
- Villarreal, M. L., C. van Riper III, C. J. van Riper, M. J. Johnson, and S. L. Selleck 2012. Shaping conservation through integration of research with resources management on the Colorado Plateau: A Synthesis, pp 317-327, 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.

- Williams, B.K., Wingard, G.L., Brewer, G., Cloern, J., Gelfenbaum, G., Jacobson, R.B., Kershner, J.L., McGuire, A.D., Nichols, J.D., Shapiro, C.D., van Riper, C., III, and White, R.P. 2012. The U.S. Geological Survey Ecosystem Science Strategy, 2012–2022—Advancing discovery and application through collaboration. U.S. Geological Survey Open-File Report 2012–1092, 29 p.
<http://pubs.usgs.gov/of/2012/1092/>
- Crow, C., and C. van Riper III. 2011. Avian community responses to juniper woodland structure and thinning treatments on the Colorado Plateau. US Geological Survey OFR 2011-1109, 32 p. (Published Online May 2011 at <http://pubs.usgs.gov/fs/2011/1109/>)
- Nagler, P. L., T. Brown, K. R. Hultine, C. van Riper III, D. W. Bean, P. E. Dennison, R. S. Murray, and E. P. Glenn. 2011. Regional Scale impacts of *Tamarix* leaf beetles (*Diorhabda carinulata*) on the water availability of western U.S. rivers as determined by multi-scale remote sensing methods. Remote Sensing and Environment 2118: 227-240. <http://dx.doi.org/10.1016/j.rse.2011.11.011>
- Norman, L. M., J. Callegary, C. van Riper III, and F. Gray. 2011. The border environmental health initiative – Investigating the transboundary Santa Cruz watershed. Dept. of the Interior, USGS FS-2010/3097. (Published Online Jan 2011 at <http://pubs.usgs.gov/fs/2010/3097/>)
- Rosemartin, A., and C. van Riper III. 2011. Biological dimensions of Tern management—A case study of the Least Tern in Sonora, Mexico, and a comparative analysis of reproductive investment in Terns. USGS OFR 2010-1085. US Geological Survey, Southwest Biological Science Center, Sonoran Desert Research Station, University of Arizona, Tucson, AZ. 27 pp. (Published Online Feb 2011 at <http://pubs.usgs.gov/of/2010/1085/>)
- US Geological Survey Fundamental Sciences Practices Advisory Committee (I. Taylor, R. Updike, co-chairs; C. Barton, T. D’Erchia, K. Kirk, L. Konikow, R. Kotra, M. Jawson, W. Orem, P. Redman, C. Reid, J. Stock, T. Suchanek, and C. van Riper III. 2011. US Geological Survey Fundamental Science Practices. US Geological Survey Circular 1367, 8 p. (Published Online Feb 2011 at <http://pubs.usgs.gov/circ/1367/pdf/C1367.pdf>)
- Villarreal, M. L., L. M. Norman, C.S. A. Wallace, and C. van Riper III. 2011. A Multi-temporal (1979-2009) Land Use/Land Cover Data Set of the Binational Santa Cruz Watershed, U.S. US Geological Survey OFR 2011- 1131, 25 p., (Published Online May 2011 at <http://pubs.usgs.gov/fs/2011/1131/>)
- Villarreal, M.L., C. van Riper III, R.E. Lovich, R.L. Palmer, T. Nauman, S. E. Studd, S. Drake, A.S. Rosenberg, J. Malusa, and R.L. Pearce. 2011. An inventory and monitoring plan for a Sonoran Desert ecosystem; Barry M. Goldwater Range--West: U.S. Geological Survey Open-File Report 2011-1232, 103 p., (Published Online September 2011 <http://pubs.usgs.gov/of/2011/1232/>)

- Crow, C., and C. van Riper III. 2010. Avian community responses to mechanical thinning of a pinyon-juniper woodland: Specialist sensitivity to tree reduction. *Natural Areas Journal* 30:191-201.
http://charlesvanriper.com/gallery/cartimages/pdf/Crow-PJthinning_NAJ-AllenPress.pdf
- Halvorson, W. L., C. S. Schwalbe, and C. van Riper III. 2010. *Southwestern Desert Resources*. The University of Arizona Press, Tucson, AZ. (25 Chapters) i-ix; 360pp. <http://www.uapress.arizona.edu/BOOKS/bid2229.htm>
- Johnson, M. J., R. T. Magill and C. van Riper III. 2010. Yellow-billed Cuckoo Distribution and Habitat Associations in Arizona, 1998-1999. Pp. 197-212, In: *The Colorado Plateau IV: Shaping conservation through science and management*. (van Riper, C., III, B. F. Wakeling, and T. D. Sisk, Eds). University of Arizona Press, Tucson, AZ. 335 pp.
- Jones, A. L., E. Aumack, P. Beier, J. Belnap, J. Catlin, J. Fleischner, T. Grumbine, D. Mattson and C. van Riper III. 2010. The legacy of future visions of conservation biology on the Colorado Plateau. Pp. 1-20, In: *The Colorado Plateau IV: Shaping conservation through science and management*. (van Riper, C., III, B. F. Wakeling, and T. D. Sisk, Eds). University of Arizona Press, Tucson, AZ. 335 pp.
- Norman, L., N. Tallent-Halsell, W. Labiosa, M. Weber, A. McCoy, K. Hirschboeck, J. Callegary, C. van Riper III, and F. Gray. 2010. Developing an ecosystem services outline decision support tool to assess the impacts of climate change and urban growth in the Santa Cruz watershed; where we live, work, and play. *Sustainability* 2 (7): 2044-2069. (doi:10.3390/su2072044).
- van Riper, C., III. 2010. Conservation Biology of Hawaiian Forest Birds: Implications for island avifauna *Auk* 127 (4): 956-958. (Book Review: in October issue ISSN 0004-8038, electronic ISSN 1938-4254).
- van Riper, C., III, M. K. Sogge, and M. J. Johnson. 2010. A historical assessment of changes in avian community composition from Montezuma Castle- and Well National Monuments, with additional information from the Camp Verde region of Arizona. Pp. 213-270, In: *The Colorado Plateau IV: Shaping conservation through science and management*. (van Riper, C., III, B. F. Wakeling, and T. D. Sisk, Eds). University of Arizona Press, Tucson, AZ. 335 pp.
<http://www.charlesvanriper.com/papers/CoPI2010HistoricalAssessment.pdf>
- van Riper, C., III, B. W. Wakeling, and T. K. Sisk. 2010. *The Colorado Plateau IV: Shaping conservation through science and management*. The University of Arizona Press, Tucson, AZ. i-xii; 335 pp.
<http://www.uapress.arizona.edu/BOOKS/bid2255.htm>
- van Riper, C., III, B. W. Wakeling, and T. K. Sisk. 2010. *Shaping conservation through*

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Jamison, L., C. van Riper III, and D. Bean. (In Review). Population expansion and patterns of the Northern tamarisk beetle (*Diorhabda carinulata*) on the Colorado Plateau. In : Colorado Plateau VI: L. Hueneke et al. Eds – UA Press, AZ. (submitted 1 March 2012).

Kellermann, J., and C. van Riper III. (In Review). Spatiotemporal patterns of bird migration and responses to interannual climatic variation across elevational gradients of the Madrean Sky Island Archipelago. *Journal of Animal Ecology*. (submitted January 2013).

Kellermann, J., and C. van Riper III. (In Review). Phenological synchrony and season niche breadth of migratory birds at spring stopover sites in southwestern North America. *Ecology*. (submitted Dec 2011 – rejected January – in revision SAB?).

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. (in Review). USGS Ecosystem Research for the Next Decade: Advancing Discovery and Application through Collaboration. *Ecological Applications*.

Villarreal, Miguel L., C. van Riper III, and R. E. Petrakis. (In Review). 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 GIScience & remote sensing.

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Johnson, G. E. and C. van Riper III. (In Preparation). Southwestern Willow Flycatcher Nest Records and Implications for Nesting Potential at the Southernmost Extent of Their Present Breeding Distribution. *Condor*.

Johnson, G. E., C. van Riper III and A. Flesch. (In Preparation). The influence of beaver on southwestern Arizona birds. *Condor* or *JWM*

Kellermann, J., and C. van Riper III. (In Prep). Spatial temporal and phenological patterns of bird migration and the influence of climate and disturbance in the Madrean Sky Island archipelago and North American Southwest. USGS Open File Report (submitted May 2013).

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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