

**TRUMAN P. YOUNG**

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and:  
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ErDOS-Bacon number = 8

**ONLINE LINKS**

**Web page:** <https://tpyoung.ucdavis.edu/> (including links to publications)

**ResearchGate:** [https://www.researchgate.net/profile/Truman\\_Young](https://www.researchgate.net/profile/Truman_Young)

**Google Scholar:** <https://scholar.google.com/citations?user=UwiumvkAAAAJ&hl=en&oi=ao>

**RESEARCH INTERESTS:** Population and community ecology; the ecology, restoration, management, and conservation biology of human-dominated landscapes; savanna, rangeland, and forest ecosystems; plant-animal interactions; evolutionary ecology.

**PROFESSIONAL HISTORY**

- 2022-present     Affiliate Professor, Graduate Program in Ecology, Colorado State University.
- 2021-present     Research Professor and Professor Emeritus, University of California, Davis.
- 2005-20            Professor and Restoration Ecologist, Department of Plant Sciences,  
University of California, Davis, CA.
- 1996-2005        Research Ecologist, Assistant Professor, Associate Professor, and Professor,  
Dept. of Environmental Horticulture, University of California, Davis, CA.
- 1992-95           Associate Professor, Department of Biology, Fordham University, NY.
- 1990-92           Visiting Scientist and Lecturer, Center for Population Biology and  
Department of Botany, University of California, Davis.
- 1988-89           Scientific Director and Senior Research Ecologist, Gallmann Memorial  
Foundation, Kenya.
- 1981-88           Instructor (Univ. Nairobi, School for Field Studies, St. Lawrence Univ.  
[Kenya], UCEAP [Costa Rica]), post-doc, consultant, tour guide,  
peripatetic tropical ecologist.

**EDUCATION**

- 1976-1981        University of Pennsylvania, Philadelphia, PA, USA (Ph.D. 1981)
- 1975               Rocky Mountain Biological Laboratory (RMBL)
- 1972-1975        University of Chicago, Chicago, IL, USA (B.A. 1975)
- 1969-1972        Littleton High School, Littleton, CO, USA

**PROFESSIONAL ORGANIZATIONS**

Ecological Society of America (Board of Editors)  
Society for Ecological Restoration  
Society for Range Management  
Colorado Native Plant Association

**ADVISING:*****Ph.D. Major Advisor (24):***

Faith Kostel-Hughes (1995)	Linde Ostro (1998)
Todd Palmer (2001) <sup>S</sup>	Michelle Gadd <sup>FF</sup> (2003)
Megan Lulow (2004)	Mikaela Huntzinger (2005)
Jeffrey Clary* <sup>FF</sup> (2006)	Kari Veblen* <sup>S, P, †</sup> (2008)
Corinna Riginos* <sup>FF, S, P</sup> (2008)	Kurt Vaughn <sup>P</sup> (2011)
Lauren McGeoch Porensky* <sup>S, P</sup> (2012)	Marit Wilkerson* <sup>S, P</sup> (2013)
Starry Sprenkle * <sup>S, P</sup> (2013)	Kevin Welch <sup>S, P</sup> (2014)
Emily Peffer Zefferman <sup>S, P</sup> (2014)	Jen Balachowski <sup>† S, P, FF, PMF</sup> (2015)
Duncan Kimuyu (2016)	Kelly Gravuer ** <sup>FF †</sup> (2016)
Kristina Wolf <sup>S, P</sup> (2016)	Stephen Fick <sup>P</sup> (2016)
Derek Young * <sup>P, FF †</sup> (2017)	Laura Morales * <sup>P</sup> (2017)
Grace Charles * <sup>P, PMF</sup> (2018)	Chhaya Werner * <sup>P</sup> (2018)

\* NSF Graduate Research Fellow (10)

†NSF IGERT Fellow (4)

<sup>FF</sup>Fulbright Fellow (6)<sup>PMF</sup>Presidential Management Fellow (2)

\*\* EPA STAR Fellow (1)

<sup>S</sup>Shapiro or Love Best Dissertation Award (10)<sup>P</sup>Plant Sciences (Macdonald) Fellow (16)***M.Sc. Major Advisor (9):***

Diana Hershey (1999)	Russell Huddleston (2001)
Ryan Deering (2001)	Deborah Petersen (2005)
Susan Infalt (2006)	Mia Ingolia (2006)
Alex Palmerlee (2007)	Tracy Erwin <sup>P</sup> (2007)
Mila Dunbar-Irwin <sup>P</sup> (2014)	

Logistical, financial, and advisory support for 15 Kenyan graduate students:

Bell Okello, David Kinyua, John Mugi, Charles Warui, Wilfred Odadi, Sylvanos Otieno, John Kamande, Isaac Kimathi, Lucy Ngatia, Vanessa Ndo, Antony Kirigia, Duncan Kimuyu, Phyllis Sherril, Harry Wells, and Mary Waithira.

Member: Ph.D. Committees of 20+ additional graduate students. Member of the Ecology, Population Biology, Geography, and Horticulture/Agronomy Graduate Groups at UC Davis.

Mentor, Society for Conservation Biology (SCB) Africa Section Communications/Mentoring Program, 2008-9. Mentored student: Oyomoare Eruogun (Nigeria)

Supervision of undergraduate research (some w/ graduate student mentors): two senior theses, Fordham University, 1994-96; four undergraduate projects, Costa Rica Program, University of California, 1990; seven internships for the Kenya Program of St. Lawrence University, 1979-92; two senior theses, University of East Anglia (at UC Davis), 2000 & 2004; one MURALS scholar, 2013/4;

**Nine NSF REU researchers, 2015-2022.****Hosted Post-docs:** Judith Sitters (2012-14), Katie Stuble (2014-16), Amy Wolf (2016-19)**Hosted sabbaticals/collaborations:** Gislene Ganade (2018-19), Elise Buisson (2019-20)**Chair, Graduate Group in Ecology, UC Davis, 2018-2020**

## Service

### Departmental (Plant Sciences)

2007-20	Member, Plant Sciences Academic Planning Committee
2013-18	Master Advisor, Environmental Horticulture and Urban Forestry Major
2013-20	Member, Academic Planning Committee
2013-18	Member, Faculty Awards Committee
2013-14	Vice-chair of Plant Sciences, Teaching and Courses
2013-14	Member, Plant Sciences Executive Committee
2006-18	Master Advisor, Ecological Management and Restoration Major
1996-2018	Undergraduate advisor for the Ecosystem Restoration Option in the EHUF Major, and the Landscape Restoration Minor.
2011-21	UG Curriculum & Scholarships Committee
1996-2010	Member, Teaching and Curriculum Committee
2011-13	Graduate Student Research Award Committee
2001-04	Departmental representative, Faculty Senate
2004-05	Chair, Restoration Ecology Search Committee
2005	Member, Plant Sciences Restoration Major Committee (ad hoc)
2006-07	Member, Plant Quantitative Geneticist Search Committee
2008-10	Member, Plant Sciences Scholarship Committee

### Graduate Groups (UC Davis, unless noted)

2022-present	Graduate Degree Program in Ecology (affiliate), Colorado State University
2016-18	Chair, Graduate Group in Ecology
1996-present	Member, Graduate Group in Ecology, in three Areas of Emphasis: Conservation Biology, Landscape Ecology, and Restoration Ecology.
1996-21	Membership on the committees of 15 graduate students for whom I was not the major professor (see Mentoring).
1999-2020	Chair, Restoration Ecology Area of Emphasis
1999-2006	Created, and lead instructor for core course in the Restoration AOE, "Restoration Ecology" (ENH 160).
2005-2012	Taught the graduate seminar, "Foundations of Restoration Ecology" (ECL 290).
2010	Led an NSF GRF Working Group, Fall 2010 (7 students).
2012-13	Vice-Chair, GGE Admissions (handled ~250 applicants and ~80 faculty and graduate reviewers)

### Center for Population Biology

1999-present	Member, Center for Population Biology and the Graduate Group in Population Biology.
2009-13	IGERT REACH curriculum committee
2009-13	NSF IGERT REACH trainer and curriculum committee; reviewer of internship proposals
2012-13	NSF IGERT REACH mentor for Second-year Project, 2012 cohort.
2004-7	Member, Graduate Awards Committee

**Other graduate groups**

- 1997-2012 Member, Horticulture Graduate Group.  
 1997-2021 Member, Geography Graduate Group.  
 2006-2021 Member, International Ag Development Graduate Group.

**Other University service:**

- 2010-22 Member, Range Management Advisory Committee (RMAC)  
 2013-21 Research Advisory Committee, Sierra Foothills Research & Extension Center  
 2000-20 Member, Stebbins Reserve Management Committee  
 2015-18 Member, ANR Ecological Restoration Workgroup  
 2012-18 Undergraduate Majors and Courses Committee  
 2003-15 Chair, Putah Creek Reserve Advisory Committee  
 2013 Women-in-Science Career Discussion (one-day event)  
 2012-13 UCOP ADVANCE PAID Research Scholars Advisory Board  
 2011-12 CAES Curriculum Planning Needs Committee  
 2005-09 Member, Undergraduate Program Review Committee  
 2009 Post-doc Union ad hoc Committee  
 2003-08 EH Departmental representative, Plant Environmental Science Building Committee  
 2005 Member, African and African-American Studies Summer Grant Committee  
 2003-04 Member, Putah Creek Steward Search Committee  
 2003 Environmental Sciences Strategic Planning Committee  
 2003-04 Assisted in resolving conflicts over off-campus research leaves.  
 2002-03 Member, Putah Creek Director Search Committee  
 2003 Member of the Review Committee, IGERT Short-term Research Awards  
 2003 Member, Voting/Peer Group for the Merit of Deborah Rogers

**Non-University Service:**

- 2022-present Member, Board of Directors, Greater Arkansas River Nature Association (GARNA)  
 2001-present Member, Editorial Board, *Ecology and Ecological Monographs*  
 1996-present Member, Coordinating Committee, Prairie Fork Conservation Area  
 2002-20 Member, Mpala Research Centre Scientific Advisory Board  
 2012-15 Editorial Board, *Oecologia*  
 2012 Participated in Dinner with a Scientist, November 2012, Sacramento  
 2011 Guest speaker, CNGA Field Day at Hedgerow Farms, "What Good are Native Grasses?"  
 2009 Ad hoc Assigning Editor, Conservation Biology  
 2008-09 Mentor, Society for Conservation Biology (SCB) Africa Section Communications/ Mentoring Program, 2008-9. Mentored student (Nigeria): Oyomoare Eriogun (Osazuwa-Peters)  
 2005 NSF Ecology Panel  
 2004 Moderator, Restoration Panel, California Grasslands Conference, Berkeley, CA, 3 April 2004  
 2003 NSF Ad Hoc Committee reviewing the Long-term Research in Environmental Biology (LTREB) Program, 25-26 Sept 2003 (Washington, D.C.)

**GRANTS (senior PI, unless otherwise noted)**

- 2023-26 "RUI: Fire-grazing interactions and soil organic carbon accrual in grasslands: testing new paradigms in microbial soil ecology" Ryan Sensenig and Troy Ferland, PIs, NSF, \$98,000 (pending). Truman Young, collaborator.
- 2022-24 "Developing targeted land management practices for effective and cost-efficient oak restoration". Alex Palmerlee, PI, (collaborators: Kurt Vaughn, Valerie Eviner, Truman Young). Conservation Innovation Grant (CIG), NRCS, \$70,000.
- 2020-24 "LTREB: Stability and resilience in the face of multiple interacting press and pulse disturbances of a changing world (Kenya Long-term Exclosure Experiment: KLEE)" (including five REU sub-awards), w/ Kari Veblen, Lauren Hallett, Amy Wolf, and Ryan Langendorf. National Science Foundation, 19-31224, \$641,650.
- 2019-20 "Taking priority effects into account in restoration and invasive species control field experiments" (w/ Elise Buisson and Valerie Eviner). France-Berkeley Fund (w/ matches from UC Davis & Avignon), \$7,680.
- 2019-20 "Drill-seeding blue oak acorns: a new management practice for California rangelands" (PI: Alex Palmerlee, w/ Carrie Wendt and Dave Daley). Western SARE, \$19,000.
- 2018 "REU Supplement to NSF LTREB: Collaborative Research: Scaling up and scaling out at the Kenya Long-term Exclosure Experiment" (w/ Elizabeth Forbes). National Science Foundation, \$8,900. Undergraduate: Grace Lewin
- 2017 "REU Supplement to NSF LTREB: Collaborative Research: Scaling up and scaling out at the Kenya Long-term Exclosure Experiment" (w/ Elizabeth Forbes). National Science Foundation, \$8,200. Undergraduate: Dana Moore
- 2017-19 "Savanna synergies: complex interactions between fire and wild and domestic herbivores". National Geographic Society, \$24,400.
- 2017-20 "RAPID: Historical contingency, restoration, and climate change: year effects and priority effects in California grasslands" National Science Foundation, \$25,200.
- 2016-18 "Ecological Restoration on Natural and Working Landscapes in California: Restoration Research and Information Center (RIC)", w/ E.S Gornish, V. Eviner, E. Laca. ANR, \$79,000.
- 2015-17 "Interplay between large herbivores and insects in savanna nutrient cycling and limitation", w/ H.O. Venterink & J. Sitters (lead PIs), T.P. Young collaborator. The Research Foundation - Flanders (FWO, Belgium), €256,631 (\$278,393).
- 2015 "REU Supplement to NSF LTREB: Collaborative Research: Scaling up and scaling out at the Kenya Long-term Exclosure Experiment", (w/ G. Charles). National Science Foundation, \$9,398.
- 2013-19 "LTREB: Collaborative Research: Scaling up and scaling out at the Kenya Long-term Exclosure Experiment" (renewal, w/ K.E. Veblen and C. Riginos). National Science Foundation, \$450,000.

- 2012-13 "Ants, elephants, and fire: a synergistic examination of savanna tree densities". National Geographic Society, \$26,950.
- 2011-17 "Historical contingency, restoration, and climate change: year effects and priority effects in California grasslands" NSF, \$430,000.
- 2011-12 "A cost-effectiveness framework for landscape rehabilitation and carbon sequestration in North Kenya" (w/ C. Riginos, D. Rubenstein, J. Herrick, J. Belknap). USADI-CRSP, \$80,000.
- 2010-16 "Inventory and monitoring of forest condition, structure and composition in the watershed of the Pendola Fire" (w/ H. Safford and K. Welch). U.S. Forest Service, \$368,933 (multiple renewals).
- 2010-14 "Inventory of tree regeneration in severely burned areas in California forestlands" (w/ H. Safford and K. Welch), U.S. Forest Service. \$103,937.
- 2009-11 "Dissertation Research: When edges meet: interacting edge effects in an African savanna: the effects of wild and domestic herbivores" (major professor for L.M. Porensky). National Science Foundation, \$15,000.
- 2009-10 "Using small-scale monocultures and temporal priority to maintain rich native species plantings (Year 2)" (Co-PIs: L.M. Porensky, K.J. Vaughn). Elvinia Slosson Fund, \$18,193.
- 2008-13 "Scaling up and scaling out at the Kenya Long-term Exclosure Experiment (KLEE)" (w/ K. Caylor, C. Riginos, K.E. Veblen). National Science Foundation (LTREB-DEB), \$450,000.
- 2008-09 "Using small-scale monocultures and temporal priority to maintain rich native species plantings" (w/ L.M. Porensky, K.J. Vaughn). Elvinia Slosson Fund, \$26,650.
- 2008-09 "Enhancing Ecological Restoration and Research by Improving Communication between Practitioners and Scientists" (w/ E. Goebel, V. Eviner, K. Rice, M. Wilkerson, S. Hoskinson). UC Davis Dean's Policy Council (Programmatic Initiative), \$6,000.
- 2007-10 "Seeding rates and over-seeding of forbs in restored grasslands" (w/ A. Solomeshch), Office of Resource Management & Planning. UC Davis, \$34,500.
- 2007-10 "FSML: Improvement in Facilities, Site Access and Data Management at Mpala Research Centre, Kenya" (collaborator and co-author; PIs: D. Rubenstein & N. Georgiadis). National Science Foundation, \$108,300.
- 2006-08 "Dissertation Research: Tree-grass interactions in a Kenyan savanna: the effects of wild and domestic herbivores" (major professor for C. Riginos). National Science Foundation, \$12,000.
- 2006 "ROA: Effects of spatial scale and heterogeneity of prescribed fire on small mammalian herbivores in the presence and absence of large herbivores in an East African savanna" (supplemental to NSF-LTREB) (w/ B. Bergstrom). National Science Foundation, \$25,000.
- 2005-08 "Mutualisms in a community of acacia ants" (w/ T.M. Palmer & M.L. Stanton). National Science Foundation, \$350,000.

- 2003-08 “KLEE (Kenya Long-term Exclosure Experiment): pattern and process in an African savanna”. National Science Foundation (LTREB-DEB), \$300,000.
- 2001-04 “Catalonia Joint Research Project Proposal: Roles of succession and horticultural techniques in landscape restoration under xeric Mediterranean conditions” (w/ J. Clary, R. Evans, M. Barbour). UCOP (Vaux), \$30,300.
- 2001-04 “Correlates of success in grassland restoration” (w/ M. Lulow). Audubon (CalFed), \$88,000.
- 2001-03 “Root architecture in valley oak saplings grown under different conditions” (w/ R. Evans). Slossen Fund, \$15,000.
- 2000-04 “Mechanisms of coexistence in a community of acacia ants” (w/ M. Stanton, T. Palmer), National Science Foundation. \$315,000.
- 2000-02 “The ecology of elephants in human landscapes: and experimental approach” (w/ M. Gadd). USFWS, \$42,800.
- 1998-2000 “Root growth in containers: implications for xeriscape and restoration” (w/ R. Evans). Slossen Fund, \$10,000.
- 1998-2003 “Multi-species herbivore exclusion experiment in a semi-arid landscape in Laikipia, Kenya”. National Science Foundation (LTREB-DEB), \$250,000.
- 1998-2000 “Species coexistence and community structure in Africa acacia ants” (w/ M. Stanton, T. Palmer). National Science Foundation (DEB), \$150,000.
- 1997 “Preserving and restoring managed savanna communities in Africa”. University Research Expeditions Program (\$19,140).
- 1992-96 “Interaction of wildlife, cattle, and plants in East Africa” (w/ A.P. Smith). James Smithson Society Grant, Smithsonian Institution (\$47,000).
- 1992-94 “Interactions among cattle, wildlife, and vegetation in savanna woodland in Laikipia, Kenya”. National Geographic Society (\$26,500).
- 1984, 1990 Short-term Visitor Awards, Smithsonian Tropical Research Institute (\$4000).
- 1980-81 Graduate Fellowship, Public Health Service (PHS 5T32 GM-07517-02).
- 1979 Sigma Xi Grant-in-Aid (\$600).
- 1978 Arthur K. Gilkey Memorial Fund of the American Alpine Club (\$300).

**TEACHING, at UC Davis unless noted** (does not include scores of lectures in other courses)

- 2022 *Geology, Geomorphology and Ecology of the San Juan River*, graduate lecture, discussion, and field course (affiliate lecturer).
- 2015** *Distinguished Teaching Award for Graduate & Professional Teaching, UC Davis*
- 2008-20 *Plant Communities of California*, upper division lecture course.
- 2008-20 *Plant Communities of California Lab*, field course.
- 2007-20 *Foundations of Restoration Ecology*, graduate discussion course
- 1996-2018 *Introduction of Environmental Plants*, undergraduate lecture/lab course

- 2019 *Geology, Geomorphology and Ecology of the Yampa and Green Rivers*, graduate lecture, discussion, and field course.
- 2016, 2018 *Geology, Geomorphology and Ecology of the Colorado River*, graduate lecture, discussion, and field course.
- 2013-18 *Restoration Practicum*, field course offered three quarters each year (continued to oversee this course, led by graduate students, through 2020)
- 2008-09 *Fire Ecology*, upper division lecture course
- 1999-2006 *Restoration Ecology*, upper division field/lecture course (created)
- 1999, 2001 *Methods and Analysis in Geography*, graduate core course in Geography
- 1998-2000 *Ecological Principles and Applications*, Ecology Graduate Group core course
- 1997 *Trees and Forests*, upper division lecture course (team-taught).
- 1997 *Ecology of Horticulture*, freshman seminar, with Lin Wu.
- 1997 *Ecological Methods for Behavioral Research*, ECL 299, directed group study.
- 1997 *Evolution and Human Health*, freshman seminar, with Maureen Stanton.
- 1995 *Environmental Management*, graduate course, Fordham University.
- 1995 *Field Methods in Behavioral Ecology*, field course in Kenya through Rutgers University, with Lynne Isbell.
- 1993-95 *Ecology*, undergraduate lecture/lab course, Fordham University.
- 1993-95 *Ecological Methods*, graduate field course, Fordham University (co-taught).
- 1993 *Plant-Animal Interactions*, graduate seminar, Fordham University.
- 1992 *Conservation Ecology*, graduate lecture course (team taught).
- 1991, 92 *Plant Ecology*, undergraduate lecture and field course (with Michael Barbour).
- 1991, 92 *Introductory Biology*, large lecture and laboratory course (co-taught).
- 1991 *Terrestrial Ecosystems of East Africa*, graduate seminar (co-taught).
- 1990 *Conservation Biology*, graduate discussion course (team taught).
- 1990 *Community Ecology and Special Topics in Ecology* (directed research), University of California Education Abroad Program (Costa Rica).
- 1987 *Wildlife and Range Ecology*, intensive lecture/field course, and *Directed Research*, School for Field Studies, Kenya Program (twice).
- 1983, 84 *Advanced Plant Ecology*, a large undergraduate lecture/field course, University of Nairobi.
- 1981-84 *Tropical Ecology*, a lecture/field course and *Directed Research*, for the Kenya Program, St. Lawrence University.

**INVITED TALKS** (does not include dozens of presentations at society meetings)  
 Arizona State University, Dartmouth College, UC Davis, Institute for Ecosystem Studies, International Center for Research in Agroforestry, Louisiana State University, National Museums of Kenya, Nature Conservancy, Princeton University, Rutgers University, Saint



Lawrence University, Selby Botanical Gardens, Smithsonian Institution, Stanford University, Harvard University, University of California Los Angeles, University of California Riverside, University of Chicago, University of Colorado, University of Delaware, University of Denver, University of Iowa, University of Missouri, University of Nairobi, University of Texas, University of Utah, University of Vermont, Sonoma State University, University of Nevada at Reno, UC Santa Cruz, University Florida, University Edinburgh, Michigan State University, University of Wyoming, Colorado State University, GREEBS, Brigham Young University, Kent State Univ., ARS (Fort Collins), George Mason University, University Leeds, UC Santa Barbara, University of Texas, Durham University.

**PEER REVIEWER of MSS (89 journals, 100's of mss) for:**

<i>Ecology &amp; Ecological Monographs</i> (Member, Editorial Board)	Ecoscience
<i>Oecologia</i> (past Member, Edit. Board)	Ecosphere
Acta Oecologia	Environmental and Sustainability Indicators
African Journal Agricultural Research	Environmental Management
African Journal of Biotechnology	Environmental Sustainability
African Journal of Ecology	Evolution
African Journal of Range & Forage Science	Food Webs
American Journal of Botany	Forest Ecology and Management
American Naturalist	Fremontia
Anthropocene	Functional Ecology
Applied Vegetation Science	Global Ecology & Biogeography Letters
Austral Ecology	Global Ecology & Conservation
Basic & Applied Ecology	Grasslands
Behavioral Ecology	Island Press
Biodiversity & Conservation	Israeli Journal of Zoology
Biological Conservation	International Journal of Plant Sciences
Biological Invasions	Invasive Plant Science & Management
Biological Journal Linnean Society	Journal of Animal Ecology
BioScience	Journal of Applied Ecology
Biotropica	Journal of Arid Environments
Blackwell Scientific Publications	Journal of Chemical Ecology
BMC Evolutionary Biology	Journal of East African Natural History
Catena	Journal of Ecology
Cambridge University Press	Journal of Environmental Management
Chapman and Hall Publishers	Journal of Ethology
Conservation Biology	Journal of Human Evolution
Conservation Letters	Journal of Mammalogy
Current Biology	Journal of Tropical Ecology
Diversity and Distributions	Journal of Vegetation Science
Ecological Applications	Landscape Ecology
Ecological Research	Mammalogy
Ecology Letters	Native Plants Journal
Ecology & Evolution	Nature
Ecography	New Phytologist
	Oikos

Oxford University Press	Science
Plant Biology	Scientia Horticulturae
Plant Ecology	SIAM Journal Applied Mathematics
Plant Ecology & Biodiversity	South African Journal of Botany
PLoS ONE	The Rangeland Journal
PNAS	Trends in Ecology and Evolution
Proceedings Royal Society of London B	University of Chicago Press
Quarterly Review of Biology	University of California Press
Rangeland Ecology and Management	Vegetatio
Restoration Ecology	

**PEER REVIEWER of PROPOSALS (23 organizations, scores of proposals) for:**

National Science Foundation (ad hoc & multiple panels, incl. GRFPs)	University Research Expeditions (UCOP)
Smithsonian Institution	Institute for Latin America Studies
National Geographic Society	Prairie Fork Conservation Area
Center for Field Research	The Leakey Foundation
International Federation for Science	World Wildlife Fund
National Fish & Wildlife Foundation	Institute for Latin American Studies
NCRS/NRF (South Africa/France)	Qatar National Research Fund
BBSRC (Canadian NSF)	East African Faunal Interest Group
NWO: Netherlands Org. for Sci. Reseach	GAČR: Czech Science Foundation
Deutschen Forschungsgemeinschaft (DFG)	USDA Agricultural Research Service
Natural Environment Research Council (UK)	Gallmann Memorial Foundation
	Mpala Research Centre

**EXTERNAL REVIEWER** for >20 faculty promotion actions at other institutions

**BOARDS & PANELS**

2022-present	Member, Board of Directors, Greater Arkansas River Nature Association (GARNA)
2022-present	Research and Restoration Committees, Colorado Native Plant Society (CoNPS)
2003-present	Scientific Advisory Board, Mpala Research Centre, Kenya
2001-present	Editorial Board, Ecology and Ecological Monographs
1996-present	Coordinating Committee, Prairie Fork Conservation Area, Missouri
2005, 2021	NSF Ecology Panels
2019-20	NSF GFRP Panel
2017	Member of the mid-term review team for an NSF LTER site
2003, 2018	NSF Ad Hoc Committees reviewing the Long-term Research in Environmental Biology (LTREB) Program
2012-15	Editorial Board, Oecologia
2004	Moderator, Restoration Panel, California Grasslands Conference, Berkeley, CA
1990s	Scientific Advisory Board, Dian Fossey Gorilla Fund (previously The Digit Fund)

**PUBLICATIONS- TRUMAN P. YOUNG**

1. Young, T.P. 1973. Accident Report: Denver Juniors, San Juan Outing, Summer 1973. *Trail and Timberline* 660 (December): 312-314, 319-321. [Kaye E. Bache, ed., The Colorado Mountain Club, Denver]
2. Young, T.P. 1974. Colorado. San Juan Mountains. Pages 14-15 in: *Accidents in North American Mountaineering: Twenty-seventh Annual Report of the Safety Committee*. American Alpine Club, NY. [Excerpted from Young 1973]
3. Young, T.P. 1980. Plant life on Africa's highest peaks. *Swara* 7:8-10.
4. Fayad, C., C. Shorter & T. P. Young 1980. Wildlife in the high moorlands. *Swara* 7:12.
5. Young, T.P. 1981. A general model of comparative fecundity for semelparous and iteroparous life histories. *American Naturalist* 118:27-36.
6. Smith, A.P. & T.P. Young. 1982. The cost of reproduction in *Senecio keniodendron*, a giant rosette plant of Mount Kenya. *Oecologia* 55:243-247.
7. Young, T.P. 1982. Bird visitation, seed set, and germination rates in two *Lobelia* species on Mount Kenya. *Ecology* 68:1983-1986.
8. Young, H.J. & T.P. Young. 1983. Local distribution of C<sub>3</sub> and C<sub>4</sub> grasses on Mount Kenya. *Oecologia* 58:373-377.
9. Young, T.P. 1984. Comparative demography of semelparous *Lobelia telekii* and iteroparous *Lobelia keniensis* on Mount Kenya. *Journal of Ecology* 72:637-650.
10. Young, T.P. 1984. Solar irradiation increases floral development rates in afro-alpine *Lobelia telekii*. *Biotropica* 16:243-245.
11. Mulkey, S.S., A.P. Smith, & T.P. Young. 1984. Predation by elephants of *Senecio keniodendron* in the alpine zone of Mount Kenya. *Biotropica* 16:246-248.
12. Young, T.P. 1984. Kenya's alpine and high forest ecosystems. Pp 119-137 in: *Endangered Resources for Development*, V.C. Gilbert, ed. National Environment and Human Settlements Secretariat, Nairobi, Kenya.
13. Young, T.P. 1984. *Kenya's indigenous forests: status, threats, and prospects for conservation action*. World Wildlife Fund/IUCN Report. 41 pp.
14. Young, T.P. 1984. Dynamics of tropical high montane forest. *Wildlife News* 19(2): 22-23.
15. Young, T.P. 1985. *Lobelia telekii* herbivory, mortality, and size at reproduction: variation with growth rate. *Ecology* 66:1879-1883.
16. Young, T.P. & M.M. Peacock. 1985. Vegetative key to the alpine vascular plants of Mount Kenya. *Journal of the East African Natural History Society* 185:1-9.
17. Young, T.P. & S.V.O. Robe. 1986. Micro-environmental role of a secreted aqueous solution in afro-alpine *Lobelia keniensis*. *Biotropica* 18:267-269.
18. Smith, A.P. & T.P. Young. 1987. Tropical alpine plant ecology. *Annual Review of Ecology and Systematics* 18:137-158.
19. Young, T.P. 1987. Increased thorn length in *Acacia drepanolobium*- an induced response to browsing. *Oecologia* 71:436-438.

20. Young, T.P. 1987. Hyrax herbivory- a comment. *Swara* 14: (correspondence).
21. Young, T.P. & W.K. Lindsay. 1988. Role of even-aged population structure in the disappearance of *Acacia xanthophloea* woodlands. *African Journal of Ecology* 26:69-72.
22. Young, T.P. 1989. Report on Mpala Farm to the Smithsonian Institution, 24 pp.
23. Young, T.P. 1990. The evolution of semelparity in Mount Kenya lobelias. *Evolutionary Ecology* 4:157-171.
24. Young, T.P. 1990. Mount Kenya forests: an ecological frontier. *Geographica Bernensia, African Studies Series* A8:197-205.
25. Young, T.P. & C.K. Augspurger. 1991. Ecology and evolution of long-lived semelparous plants. *Trends in Ecology and Evolution* 6:285-289.
26. Young, T.P. & S.P. Hubbell. 1991. Crown asymmetry, treefalls, and the repeat disturbance of broad-leaved forest gaps. *Ecology* 72:1464-1471.
27. Young, T.P. & L.A. Isbell. 1991. Sex differences in giraffe feeding ecology: energetic and social constraints. *Ethology* 87:79-89.
28. Milewski, A.V., T.P. Young & D. Madden. 1991. Thorns as induced defenses: experimental evidence. *Oecologia* 86:70-75.
29. Young, T.P. & C. Francombe. 1991. Growth and yield estimates in natural stands of leleshwa (*Tarconanthus camphoratus*). *Forest Ecology and Management* 41:309-321.
30. Young, T.P. 1991. Diversity overrated. *Nature* 352:10 (correspondence).
31. Young, T.P. 1991. The flora, fauna, and ecology of Mount Kenya and Kilimanjaro. Pp. 37-49 in: *Guide to Mount Kenya and Kilimanjaro* (4th ed.), I.A. Allen, ed. Mountain Club of Kenya, Nairobi.
32. Young, T.P. 1992. Intuition and the logistic equation. *Trends in Ecology and Evolution* 7:315-316 (correspondence).
33. Young, H.J. & T.P. Young. 1992. Alternative outcomes of natural and experimental high pollen loads. *Ecology* 73:639-647.
34. Young, T.P. & M.M. Peacock. 1992. Giant senecios and the alpine vegetation of Mount Kenya. *Journal of Ecology* 80:141-148.
35. Ginsberg, J.R. & T.P. Young. 1992. Measuring association between individuals and groups in behavioural studies. *Animal Behaviour* 44:377-379.
36. Madden, D. & T.P. Young. 1992. Ants as alternative defenses against giraffe herbivory in spinescent *Acacia drepanolobium*. *Oecologia* 91:235-238.
37. Isbell, L.A. & T.P. Young. 1993. Human presence reduces leopard predation in a free-ranging population of vervet monkeys (*Cercopithecus aethiops*). *Animal Behaviour* 45:1233-1235.
38. Isbell, L.A. & T.P. Young. 1993. Social and ecological influences on activity budgets of vervet monkeys, and their implications for group living. *Behavioral Ecology and Sociobiology* 32:377-385.

39. Young, T.P. & M.E. Evans. 1993. Alpine vertebrates of Mount Kenya, with particular notes on the rock hyrax. *Journal of the East African Natural History Society* 82(202):54-79.
40. Young, T.P. 1993. Development and conservation: more on *Caring*. *Conservation Biology* 7:750-751 (correspondence).
41. Young, T.P. 1994. Essentials of Conservation Biology, by Richard Primack. *Quarterly Review of Biology* 69:118-119 (book review).
42. Young, T.P. 1994. Biodiversity issues. *Science* 265: 1151 (correspondence).
43. Young, T.P. & V. Perkocho. 1994. Treefalls, crown asymmetry and buttresses. *Journal of Ecology* 82:319-324.
44. Young, T.P. 1994. Natural die-offs of large mammals: implications for conservation. *Conservation Biology* 8:410-418.
45. Young, T.P. & L.A. Isbell. 1994. Minimum group size and other conservation lessons exemplified in a naturally declining primate population. *Biological Conservation* 68:129-134.
46. Oloo, T., R. Brett & T.P. Young. 1994. Seasonal variation in feeding ecology of black rhinoceros (*Diceros bicornis* L.) in Laikipia, Kenya. *African Journal of Ecology* 32:142-157.
47. Young, T.P. 1994. Population Biology of Mount Kenya Lobelias. Pages 251-272 in: *Tropical Alpine Environments: Plant Form and Function*. P.W. Rundel, A.P. Smith & F.C. Meinzer, eds. Cambridge University Press, Cambridge.
48. Smith, A.P. & T.P. Young. 1994. Population biology of *Senecio keniodendron* (Compositae), a giant African rosette species. Pages 273-293 in: *Tropical Alpine Environments: Plant Form and Function*. P.W. Rundel, A.P. Smith & F.C. Meinzer, eds. Cambridge University Press, Cambridge.
49. Young, T.P. & A.P. Smith. 1994. Alpine herbivory on Mount Kenya. Pages 219-235 in: *Tropical Alpine Environments: Plant Form and Function*. P.W. Rundel, A.P. Smith & F.C. Meinzer, eds. Cambridge University Press, Cambridge.
50. Young, T.P. 1995. Landscape mosaics created by canopy gaps, forest edges and bushland glades. *Selbyana* 16:127-134.
51. Young, T.P., N. Patridge & A. Macrae. 1995. Long-term glades in acacia bushland and their edge effects in Laikipia, Kenya. *Ecological Applications* 5:97-108.
52. Mwasya, J., T.P. Young & D.N. Okebiro. 1995. Plant checklist and vegetation map of Ol Ari Nyiro and the Mukutan Gorge, Laikipia, Kenya. *Journal of East African Natural History* 83:143-197.
53. Young, T.P. 1995. 'The evolution of group size and the evolution of group living' and 'Predation risk, predation rate, and the effectiveness of anti-predator traits'. Boxes in: Isbell, L.A. Predation on primates: ecological patterns and evolutionary consequences. *Evolutionary Anthropology* 3:62-71.
54. Young, T.P. & F. Kostel-Hughes. 1995. NIH Image: free software for image analysis. *Bulletin of the Ecological Society of America* 76:39-40 (technical note).

55. Young, T.P. 1995. Wildlife management links up with conservation biology (review of *Wildlife 2001: Populations*. McCullough, D. R., and Barrett, R. H. (editors). 1994. Elsevier Applied Science, distributed by Chapman & Hall, New York. 1163 pp.). *Conservation Biology* 9:969-971 (book review).
56. Young, T.P. 1995. A protist writes. *Trends in Ecology and Evolution* 10:289 (correspondence).
57. Yeager, C.P., L.A. Isbell & T.P. Young. 1995. Missing links. *Evolutionary Anthropology* 3:191 (mini-conference summary).
58. Young, T.P. 1995. Life History Evolution, by S.C. Stearns. *Plant Genetics Newsletter* 10: 30 (book review).
59. Young, T.P. 1996. High mountain and afroalpine ecosystems. Pages 401-424 in: T.R. McClanahan & T.P. Young (eds.) *East African Ecosystems and their Conservation*, Oxford University Press, New York.
60. McClanahan, T.R. & T.P. Young (eds.) 1996. *EAST AFRICAN ECOSYSTEMS AND THEIR CONSERVATION*, Oxford University Press, New York. (Including co-authorship of the Introduction and authorship of the Summary).
61. Mangel, M. et al. 1996. Principles for the conservation of wild living resources. *Ecological Applications* 6:338-362. Reprinted in: *Environment and Development Economics* 2:39-110 (1997).
62. Isbell, L.A. & T.P. Young. 1996. The evolution of bipedalism in hominids and reduced group size in chimpanzees: alternative responses to decreasing resource availability. *Journal of Human Evolution* 30:289-297.
63. Young, T.P. 1996. Little criminals. Pp. 117-126 in: *I've been gone far too long*. M. Borgerhof Mulder, ed. RDR Press, Berkeley. (Reprinted in *Natural History*, June 1996:28-31.)
64. Young, T.P., C.H. Stubblefield & L.A. Isbell. 1997. Ants on swollen-thorn acacias: species coexistence in a simple system. *Oecologia* 109: 98-107.
65. Young, T.P. & F. Chan. 1997. Restoration ecology: renewing our disturbed landscapes. *Growing Points* 6(5): 1-2.
66. Young, T.P. & A.H. Harcourt. 1997. Viva Caughley! *Conservation Biology* 11:831-832 (correspondence).
67. Wester, A. & T.P. Young. 1997. Spatial pattern of deer herbivory at suburban forest edges. *Restoration & Management Notes* 15:186-187.
68. Russo, C. & T.P. Young. 1997. Egg and seed removal at urban and suburban forest edges. *Urban Ecosystems* 1:171-178.
69. Young, T.P., B. Okello, D. Kinyua, and T.P. Palmer. 1997. KLEE: a long-term, large scale herbivore exclusion experiment in Laikipia, Kenya. *African Journal of Range and Forage Science* 14:94-102.
70. Isbell, L.A., J. Pruett and T.P. Young. 1998. Movements of vervet and patas monkeys as estimators of food resource site, density, and distribution. *Behavioural Ecology and Sociobiology* 42:123-133.

71. Isbell, L.A., J. Pruetz, & T.P. Young. 1998. Locomotor activities of sympatric vervet and patas monkeys: implications for hominid hindlimb evolution. *American Journal of Physical Anthropology* 105:199-207.
72. Young, T. P. & B.N. Okello. 1998. Relaxation of an induced defense after exclusion of herbivores: spine length in *Acacia drepanolobium*. *Oecologia* 115:508-513.
73. Young, T.P. & F. Chan. 1998. Establishment of deergrass (*Muhlenbergia rigens*) at a restoration site, and its prospects for woody plant suppression in transmission rights of way. *Grasslands* 8(3):3-10.
74. Kostel-Hughes, F., T.P. Young & M.J. McDonnell. 1998. The soil seed bank and its relationship to the aboveground vegetation in deciduous forests in New York City. *Urban Ecosystems* 2:43-59.
75. Kostel-Hughes, F., T.P. Young, and M.M. Carreiro. 1998. Forest leaf litter quantity and seedling occurrence along an urban-rural gradient. *Urban Ecosystems* 2:263-278.
76. Ostro, L.E.T., S.C. Silver, F.W. Koontz, T.P. Young and R. H. Horwich. 1999. Ranging behavior of translocated and established groups of black howler monkeys *Alouatta pigra* in Belize, Central America. *Biological Conservation* 87:181-190.
77. Young, T.P. & F. Chan. 1999. Reply to Amme. *Grasslands* 9(1):3 (correspondence).
78. Young, T.P. 1999. Restoration ecology takes root at UC Davis. *Growing Points* 3(1):4.
79. Young, T.P. 1999. Catastrophes are still interesting. *Conservation Biology* 13: 202 (correspondence).
80. Ostro, L., T.P. Young, S.C. Silver, and F.W. Koontz. 1999. A geographic information system (GIS) method for estimating home-range size. *Journal of Wildlife Management* 63:748-755.
81. Isbell, L.A., J. Pruetz, B.M. Nzuma, and T.P. Young. 1999. Comparing measures of daily travel distance in primates: methodological considerations and socioecological implications. *American Journal of Primatology* 48:87-98.
82. Isbell, L.A., J. Pruetz & M. Lewis, T.P. Young. 1999. Rank differences in ecological behavior: a comparative study of patas monkeys (*Erythrocebus patas*) and vervets (*Cercopithecus aethiops*). *International Journal of Primatology* 20:257-272.
83. Stanton, M.L., T.M. Palmer, T.P. Young, A. Evans & M.L. Turner. 1999. Sterilization and canopy modification of a swollen thorn acacia tree by a plant-ant. *Nature* 401:578-581.
84. Stanton, M.L. and T.P. Young. 1999. Thorny relationships. *Natural History* 1999 (11):28-31.
85. Young, T.P. 2000. Restoration ecology and conservation biology. *Biological Conservation* 92:73-83.
86. Palmer, T.M., T.P. Young, M.L. Stanton and E. Wenk. 2000. Short-term dynamics of an acacia ant community. *Oecologia* 123:245-235.
87. Young, T.P. & D.B. Leroy. 2000. Restoration in Education- at UC-Davis, the emphasis is on growing a Restoration Ecology program for the future. *Society for Ecological Restoration News* 13(1):8.

88. Ostro, L.E.T., T.P. Young, S.C. Silver, F.W. Koontz. 2000. Habitat selection by translocated howler monkeys in Belize. *Animal Conservation* 3:175-181.
89. Young, T.P. 2000. Matching wits with the hyrax. *Muse Magazine* September, 28-34. (adapted from publication #63).
90. Okello, D.N. & T.P. Young. 2000. Effects of fire, bruchid beetles and soil type on the germination and seedling establishment of *Acacia drepanolobium*. *African Journal of Range and Forage Science* 17:46-51.
91. Okello, B.D., T.G. O'Connor, & T.P. Young. 2001. Growth, biomass estimates, and charcoal production of *Acacia drepanolobium* in Laikipia, Kenya. *Forest Ecology & Management* 142:143-153.
92. Young, T.P., J.M Chase & R.T. Huddleston. 2001. Community succession and assembly-comparing, contrasting and combining paradigms in the context of ecological restoration. *Ecological Restoration* 19:5-18. [[The most cited paper in the journal's history](#)]
93. Hobbs, T. and T.P. Young. 2001. Growing Valley Oak. *Ecological Restoration* 19:165-171.
94. Gadd, M.E., T.P. Young & T.M. Palmer. 2001. Effects of simulated shoot and leaf herbivory in *Acacia drepanolobium*. *Oikos* 92:515-520.
95. Young, T.P. 2001. What is a native? *Noxious Times* (California Interagency Noxious Weed Coordinating Committee) 3(4):11. [Reprinted in Growing points]
96. Young, T.P. & R.Y Evans. 2001. Container stock versus direct seeding for woody species in restoration sites. *Combined Proceedings of the International Plant Propagators Society (2000)* 50:577-582.
97. Young, T.P. 2002. The Poppy Paradox and a novel derivation for the demographic conditions favoring the evolution of semelparity. *Bulletin of the Ecological Society of America* 83:121-123.
98. Ward, D. & T.P. Young. 2002. Effects of large mammalian herbivores and ant symbionts on condensed tannins of *Acacia drepanolobium* in Kenya. *Journal of Chemical Ecology* 28:913-929.
99. Smith, S. and T.P. Young. 2002. EH faculty host conference on restoration issues at UCD. *Growing Points* 6(2):8.
100. Isbell, L.A. & T.P. Young. 2002. Ecological models of female social relationships in primates: similarities, disparities, and some directions for future clarity. *Behaviour* 139:177-202.
101. Stanton, M.L, T.M. Palmer, and T.P. Young. 2002. Tradeoffs between competition and colonization at two stages of colony development within a guild of African acacia-ants. *Ecological Monographs* 72:347-363.
102. Palmer, T.M., T.P. Young & M.L. Stanton. 2002. Burning bridges: priority effects and the persistence of a competitively subordinate acacia-ant in Laikipia, Kenya. *Oecologia* 133:372-379.
103. Young, T.P., M.L. Stanton & C. Christian. 2003. Effects of natural and simulated herbivory on spine lengths of *Acacia drepanolobium* in Kenya. *Oikos* 101:171-179.



104. Young, T.P., D.L. Immel and J.J. Clary. 2003. Historical Ecology, by Egan & Howell. *Journal of Environmental Management* 68:437-8 (book review).
105. Young, H.J. & T.P. Young. 2003. Teaching evolutionary change. *American Biology Teacher* 65:444-448.
106. Palmer, T.M., M.L. Stanton, & T.P. Young. 2003. Competition and coexistence: exploring the mechanisms that restrict and maintain diversity within mutualist guilds. *American Naturalist* 161:S63-S79.
107. Young, T.P., S. Talbot & W. Wamiti. 2003. Checklist of the birds of Mpala/Segera. 8 pp.
108. Young, T.P. 2003. KLEE: the Kenya Long-term Exclosure Experiment ("KLEE Corner" #1). *Laikipia Wildlife Forum Newsletter*. March/April Issue.
109. Young, T.P. & D. Johnson. 2003/4. Restoration. *Noxious Times* 5(4):10.
110. Young, T.P. 2003. Rodents take advantage of the absence of large mammals ("KLEE Corner" #2). *Laikipia Wildlife Forum Newsletter*. November Issue.
111. Huntzinger, P.M., R. Karban, T.P. Young & T.M. Palmer. 2004. Relaxation of induced indirect defenses of acacias following removal of mammalian herbivores. *Ecology* 85:609-614.
112. Young, T.P. 2004. Plants fight back. ("KLEE Corner" #3). *Laikipia Wildlife Forum Newsletter*. May Issue.
113. Young, T.P. 2004. Fire-induced reproduction of *Festuca pilgeri* in the subalpine zone of Mount Kenya. *African Journal of Ecology* 42:235-236.
114. Huddleston, R.T & T.P. Young. 2004. Spacing and competition between planted grass plugs and pre-existing perennial grasses. *Restoration Ecology* 12:546-551.
115. Warui, C. M., M.H. Villet, & T.P. Young. 2004. Spiders (Araneae) from black cotton soils of a highland savanna in Laikipia, central Kenya. *Journal of Afrotropical Zoology* 1:13-24.
116. Young, T.P. 2004. Do elephants lessen competition between cattle and zebras? ("KLEE Corner" #4). *Laikipia Wildlife Forum Newsletter*. November Issue.
117. Young, T.P., T.M. Palmer & M.E. Gadd. 2005. Competition and compensation among cattle, zebras, and elephants in a semi-arid savanna in Laikipia, Kenya. *Biological Conservation* 122:351-359.
118. Young, T.P. 2005. The pathology of no herbivory: long-term effects of herbivore exclusion in an African savanna. ("KLEE Corner" #5). *Laikipia Wildlife Forum Newsletter*. March/April Issue.
119. Young, T.P. & R.Y. Evans. 2005. Effects of containers and irrigation regimes on initial seedling survival and growth in Valley Oak (*Quercus lobata*). *Native Plants Journal* 6:83-90.
120. Kostel-Hughes, F., T.P. Young & J.D. Weir. 2005. Emergence and seedling growth of native and non-native trees species in response to leaf litter depth. *Journal of the Torrey Botanical Society* 132:50-61.

121. Young, T.P., D.A. Petersen & J.J. Clary. 2005. The ecology of restoration: historical links, emerging issues, and unexplored realms. *Ecology Letters* 8:662-673.
122. Young, T.P. 2005. Assembly Rules and Restoration Ecology, by V.K. Temperton et al. *Journal of Environmental Management* 32:98-99 (book review).
123. Lesica, P. & T.P. Young. 2005. Demographic model explains life history evolution in *Arabidopsis thaliana*. *Functional Ecology* 19:471-477.
124. Huddleston, R.T & T.P. Young. 2005. The effects of weed control and soil amendments on exotic species and planted native grasses in an Oregon grassland. *Western North American Naturalist* 65:507-515.
125. Stanton, M.L., T.M. Palmer, & T.P. Young. 2005. Ecological barriers to early colony establishment in three coexisting acacia-ant species in Kenya. *Insectes Sociaux* 52:393-401.
126. Warui, C.M., M.H. Villet, T.P. Young & R. Jocqué. 2005. Influence of grazing by large mammals on the spider community of a Kenyan savanna biome. *Journal of Arachnology* 33:269-279.
127. Deering, R.H. & T.P. Young. 2006. The potential use of seed priming to reduce the initial advantage of exotic annual grasses over native perennials in restoration. *Grasslands* 15:1,14-17.
128. Young, T.P. & J.R. Goheen. 2006. Whistling thorn recruitment is affected in unexpected ways by large mammals. ("KLEE Corner" #6). *Laikipia Wildlife Forum Newsletter*. January Issue, page 10.
129. Young, T.P. 2006. Restoration Ecology, by J. Van Andel and J. Aronson. *Environmental Conservation* 33:82-83 (book review).
130. McCauley, D.J., F. Keesing, T.P. Young, J. Peters & B.F. Allan. 2006. Indirect effects of large herbivorous mammals on snakes in an African savanna. *Ecology* 87:2657-2663.
131. Young, T.P. 2006. Declining rural economies and the future of biodiversity: missing the forest for the trees? *Journal of International Wildlife Law & Policy* 9:319-334.
132. Dawson, K., T.P. Young & K.E. Veblen. 2007. Alkali ecotypes in an invasive annual grass, *Lolium multiflorum*. *Biological Invasions* 9:317-234.
133. Goheen, J.R., T.P. Young, F. Keesing & T.M. Palmer. 2007. Consequences of herbivory by native ungulates for reproduction of a savanna tree. *Journal of Ecology* 95:129-138.
134. Young, T.P. and D.J. Augustine. 2007. Interspecific variation in the effects of large mammalian herbivores on reproduction in *Acacia* species in Laikipia, Kenya. *Biotropica* 39:559-561.
135. Lulow, M.E., T.P. Young, J.L. Wirka & J.H. Anderson. 2007. Variation in the initial success of seeded native bunchgrasses in the rangeland foothills of Yolo County, California. *Ecological Restoration* 25:20-28.
136. Pringle, R.M., T.P. Young, D.I. Rubenstein & D.J. McCauley. 2007. Primary productivity and the strength of herbivore-initiated interaction cascades. *Proceedings of the National Academy of Science* 104:193-197. [See coverage in: [New York Times](#), 7

January 2007: <https://www.nytimes.com/2007/01/09/science/09observ.html> and in PNAS: <https://www.pnas.org/content/104/1/1.full>

137. Odadi, W.O., T.P. Young, & J.B. Okeyo-Owuor. 2007. The effects of wild herbivores on cattle diet in Laikipia rangeland, Kenya. *Rangeland Ecology and Management* 60:79-185.
138. Veblen, K.E., K.A. Holmes, K.A., T.P. Young, & A.M. Berry. 2007. Effects of prescribed fires on native grass plugs at a research restoration site in the Sacramento Valley. *Ecological Restoration* 25:50-51.
139. Stromberg, M., C.M. D'Antonio, T.P. Young, J. Wirka & P. Kephart. 2007. California Grassland Restoration. Pp. 254-280 in: Stromberg, M., J.D. Corbin, and C.M. D'Antonio (eds). *Ecology and Management of California Grasslands*. University of California Press.
140. Riginos, C. & T.P. Young. 2007. Positive and negative effects of grasses and wild and domestic herbivores on *Acacia* saplings. *Oecologia* 153:985-995.
141. Isbell, L.A. and T. P. Young. 2007. Interspecific and temporal variation in domatia contents of the ant-plant *Acacia drepanolobium*, a staple food for patas monkeys (*Erythrocebus patas*) in Laikipia, Kenya. *American Journal of Primatology* 69:1387-1398.
142. Palmer, T.M., M.L. Stanton, T.P. Young, J.R. Goheen, R.M Pringle and R. Karban. 2008. Breakdown of an ant-plant mutualism following the loss of large herbivores from an African savanna. *Science* 319:192-195. [Cover photo] [Coverage in New York Times: <https://www.nytimes.com/2008/01/11/science/11ants.html>], San Francisco Chronicle: <https://www.sfgate.com/green/article/Bad-things-happen-when-something-comes-between-3233196.php>, BBC: <http://news.bbc.co.uk/2/hi/science/nature/7179880.stm>, Science: <https://science.sciencemag.org/content/319/5860/146.2>, Scientific American: <https://www.scientificamerican.com/article/of-ants-elephants-and-acacias/>, New Scientist: <https://www.newscientist.com/article/dn13169-elephants-keep-ants-in-harmony-with-tree-hosts/>
143. Ogada, D., M.E. Gadd, R.S. Ostfeld, T.P. Young and F. Keesing. 2008. Impacts of large herbivores on bird diversity and abundance in an African savanna. *Oecologia* 156:387-397.
144. Off, E.C., L.A. Isbell & T.P. Young. 2008. Population density and habitat preferences of the Kenya Lesser Galago (*Galago senegalensis braccatus*) along the Ewaso Nyiro River, Laikipia, Kenya. *Journal East African Natural History* 97:109-116.
145. Okello, B.D., T.P. Young, C. Riginos, D. Kelly & T. O'Connor. 2008. Short-term survival and long-term mortality of *Acacia drepanolobium* after a controlled burn in Laikipia, Kenya. *African Journal of Ecology* 46:395-401.
146. Holmes, K.A.K.E. Veblen, T.P. Young, and A.M. Berry. 2008. California oaks and fire: a review and case study. Pages 551-565 in: Merenlender, A., D. McCreary, and K.L. Purcell, eds. *Proceedings of the Sixth California Oak Symposium: Today's Challenges, Tomorrow's Opportunities. 2006, October 9-12*. General Technical Report PSW-GTR-217. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture. 699 pp.

147. Young, T.P. and C. Riginos. 2008. Cattle do compete with wildlife in Laikipia, even if they are “compatible”. (“KLEE Corner” #9). *Laikipia Wildlife Forum Newsletter*. January Issue.
148. Ingolia, M., T.P. Young & E. Sutter. 2008. Germination characteristics of the endangered Tahoe Yellow Cress (*Rorippa subumbellata*). *Seed Science & Technology* 36:621-632.
149. McCauley, D.J., F. Keesing, T.P. Young & K.D. de la Cruz. 2008. Effects of the removal of large herbivores on fleas of small mammals. *Journal of Vector Ecology* 33:263-268.
150. Infalt, S.B. & T.P. Young. 2008. Forest restoration of campsites at Kings Canyon National Park, California. *Ecological Restoration* 26:302-310.
151. Wilkerson, M.L. and T.P. Young. 2008. Butterflies and blooms: contrasting effects of cattle and wildlife. (“KLEE Corner” #10). *Laikipia Wildlife Forum Newsletter*. May Issue.
152. Odadi, W., T.P. Young, & J. Okeyo-Owuor. 2009. The effects of wild herbivores on cattle intake and movement rates in Laikipia rangeland, Kenya. *Journal of Applied Animal Behavior Research* 33:263-268.
153. Isbell, L.A. T.P. Young, K.E. Jaffe, A.A. Carlson, & R.L. Chancellor. 2009. Demography and life history of sympatric patas monkeys (*Erythrocebus patas*) and vervets (*Cercopithecus aethiops*) in Laikipia, Kenya. *International Journal of Primatology* 30:103-124.
154. Young, T.P. 2009. Mpala Memories #1- Alan P. Smith. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) July Issue pg. 7.
155. Veblen, K.E. & T.P. Young. 2009. A California grasslands alkali specialist *Hemizonia pungens pungens* prefers non-alkali soil. *Journal of Vegetation Science* 20:170-176.
156. Lulow, M.E. and T. P. Young. 2009. High native forb richness in Central Valley “grassland” sites in the western Sacramento Valley and adjacent foothills. *Grasslands* 14(3):7-11.
157. Young, T.P. 2009. Mpala Memories #2- The reconnaissance report. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) December Issue pg. 8.
158. Riginos, C., J.B. Grace, D.J. Augustine, & T.P. Young. 2009. Local versus landscape-scale effects of savanna trees on grasses. *Journal of Ecology* 97:1337-1345.
159. Erwin, T.L. & T.P. Young. 2010. A native besieged: the effects of non-native frugivores and ground vegetation on fruit removal in a highly endangered Hawaiian shrub, *Delissea kauaiensis*. *Pacific Science* 64:33-43.
160. Young, T.P. and R.Y. Sensenig. 2010. Elephants and fire together reduce woody cover more than either alone. (“KLEE Corner” #13). *Laikipia Wildlife Forum Newsletter*. January Issue.
161. Young, T.P. 2010. Mpala Memories #3- Establishing the first research camp, 1992. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) January issue pg. 7.
162. Goheen, J.R., T.M. Palmer, F. Keesing, C. Riginos, and T.P. Young. 2010. Large herbivores facilitate savanna tree establishment via diverse and indirect pathways. *Journal*

- of Animal Ecology* 79:372-382.
163. Young, T.P. 2010. Mpala Memories, Part 4- Life in the Young/Isbell camp, 1992-1995. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) April issue pg. 7,10.
  164. Palmerlee, A.P. & T.P. Young. 2010. Direct seeding is more cost-effective than planting container stock across ten woody species in California. *Native Plants Journal* 11:89-102.
  165. Young, T.P. & E. Peffer. 2010. "Recalcitrant understory layers" revisited: arrested succession and the long life spans of clonal mid-successional species. *Canadian Journal of Forest Research* 40:1184-1188.
  166. Kinyua, D.M., L.E. McGeoch, N. Georgiadis & T.P. Young. 2010. Short-term and long-term effects of tilling, fertilization, and seeding on the restoration of a tropical rangeland. *Restoration Ecology* 18S1:226-233.
  167. Vaughn, K.J. & T.P. Young. 2010. Contingent conclusions: year effects influence the results of ecological field experiments, but temporal replication is rare. *Restoration Ecology* 18S1:59-64.
  168. Veblen K.E. & T.P. Young. 2010. Contrasting effects of cattle and wildlife on the vegetation development of a savanna landscape mosaic. *Journal of Ecology* 98:993-1001.
  169. Young, T.P. 2010. Mpala Memories, Part 5- The Centre's early days, 1995-1998. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) July issue, pp 8,13.
  170. Young, T.P., D. Kinyua, and L. McGeoch. 2010. KLEE Corner #14: How do we restore degraded rangeland? *Laikipia Wildlife Forum Newsletter*. June Issue, pg. 10.
  171. Young, T.P. 2010. Mpala Memories, Part 6- Early MRC research and scientists (1995-1999). *Mpala Memos* (Mpala Wildlife Foundation Newsletter) October issue, pp 7,13.
  172. Palmer, T.M., D.F. Doak, M.L. Stanton, J.L. Bronstein, E.T. Kiers, T.P. Young, J.R. Goheen & R.M. Pringle. 2010. Synergy of multiple partners, including freeloaders, increases host fitness in a multispecies mutualism. *PNAS* 107:17234-17239.
  173. Young, T.P. & K.J. Vaughn. 2011. Restoration. Pp. 594-597 in *Encyclopedia of Biological Invasions*. D. Simberloff & M. Rejmanek (eds.), University of California Press.
  174. Holmes, K.A., K.E. Veblen, T.P. Young, & A.M. Berry. 2011. Effects of prescribed fires on planted valley oak saplings at a research restoration site in the Sacramento Valley. *Restoration Ecology* 19:118-125.
  175. Vaughn, K.J., L.M. Porensky, M.L. Wilkerson, J. Balachowski, E. Peffer, C. Riginos & T.P. Young. 2010. Restoration Ecology. *Nature Education Knowledge* 3(10):66. <http://www.nature.com/scitable/knowledge/library/restoration-ecology-13339059>
  176. Young, T.P. 2010. Semelparity and Iteroparity. 2010. *Nature Education Knowledge* 3(10):2. <https://www.nature.com/scitable/knowledge/library/semelparity-and-iteroparity-13260334/>
  177. Augustine, D.J., K.E. Veblen, J.R. Goheen, C. Riginos & T.P. Young. 2011. Pathways for positive cattle-wildlife interactions in semi-arid rangelands. Conserving Wildlife in African Landscapes: Kenya's Ewaso Ecosystem. *Smithsonian Contributions to Zoology* 632:55-71.

178. Vaughn, K.J., C. Biel, F. de Herralde, X. Aranda, J.J. Clary, R.Y. Evans, T.P. Young & R. Savé. 2011. California perennial grasses are physiologically distinct from both Mediterranean annual and perennial grasses. *Plant & Soil* 345:37-46.
179. Maclean, J.E., J.R. Goheen, D.F. Doak, T.M. Palmer & T.P. Young. 2011. Cryptic herbivores mediate the strength and form of ungulate impacts on a long-lived savanna tree. *Ecology* 92:1626–1636.
180. Odadi, W.O., S.A. Abdulrazak, M.M. Karachi, & T.P. Young. 2011. African wild ungulates compete with or facilitate cattle, depending on season. *Science* 333:1753-1755.
181. Veblen, K.E. and T.P. Young, T.P. 2011. KLEE Corner #15: Plants helping plants in defense against cattle and wildlife. *Laikipia Wildlife Forum Newsletter* January Issue, pg. 11.
182. Young, T.P. 2011. Mpala Memories, Part 7- Animal (and plant) changes over the years. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) January issue, pp. 6-7, 12.
183. Porensky, L.M. and T.P. Young. 2011. KLEE Corner #16: Near old boma sites, megaherbivores and cattle impact trees and wildlife. *Laikipia Wildlife Forum Newsletter*. June Issue, pg. 9.
184. Young, T.P. and M. Kinnaird. 2011. Mpala Memories, Part 9- Schwarzenberg I. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) October issue, pp. 3, 12.
185. Young, T.P. and M. Kinnaird. 2012. Mpala Memories, Part 10- Schwarzenberg II. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) January issue, pp. 2,8.
186. Porensky, L.M., K.J. Vaughn & T.P. Young. 2012. Can initial intraspecific spatial aggregation increase multi-year diversity by creating temporal priority? *Ecological Applications* 22:927-936.
187. Riginos, R., L.M. Porensky, K.E. Veblen, W.O. Odadi, R.L. Sensenig, F. Keesing, D. Kimuyu, M.L. Wilkerson, and T.P. Young. 2012. Lessons on the relationship between pastoralism and biodiversity from the Kenya Long-term Exclosure Experiment (KLEE). *Pastoralism: Research, Policy and Practice* 2012 2:10.  
<http://www.pastoralismjournal.com/content/2/1/10>.
188. Lulow, M.E. and T.P. Young. 2012. Is there still native diversity in California grasslands? *Fremontia* 39(2/3):6-11.
189. Isbell, L.A., T.P. Young, and A.H. Harcourt. 2012. Stag parties linger: continued gender bias in a female-rich scientific discipline. *PLoS ONE* 7(11): e49682.
190. Young, T.P. 2012. Introduction to Restoration Ecology, by Howell, E.A., J.A. Harrington, and S.B. Glass. *Ecological Restoration* 30:426 (book review).
191. Odadi, W.O., S.A. Abdulrazak, M.M. Karachi, & T.P. Young. 2013. Protein supplementation driven shifts in forage selection by cattle: implications for cattle wildlife coexistence. *Ecological Applications* 23:455-463.
192. Young, T.P. 2013. Fire in the belly. *Mpala Memos* (Mpala Wildlife Foundation Newsletter) April issue, pp. 1,8.
193. Porensky, L.M. & T.P. Young. 2013. Edge interactions in fragmented and patchy landscapes. *Conservation Biology* 27:509-519.

194. Palmer, T.M., M.L. Stanton, T.P. Young, J.S. Lemboi, J.R. Goheen & R.M. Pringle. 2013. A role for indirect facilitation in maintaining diversity in a guild of African acacia ants. *Ecology* 94:1531-1539.
195. Porensky, L.M., S.F. Bucher, K.E. Veblen, A.C. Treydte, and T.P. Young. 2013. Megaherbivores and cattle alter edge effects around ecosystem hotspots in an African savanna. *Journal of Arid Environments* 96:55-63.
196. Young, T.P., R.L. Sensenig and D.M. Kimuyu. 2013. KLEE Corner #17: Controlled burns in KLEE: is fire a bane or a boon? Laikipia Wildlife Forum Newsletter. July Issue, pg. 7.
197. Young, H.S., D.J. McCauley, K.M. Helgen, E. Castillo, J.R. Goheen, T.M. Palmer, R.M. Pringle, T.P. Young, and R. Dirzo. 2013. Responses of plant communities to experimental removals of and anthropogenic declines in large mammalian herbivores. *Journal of Ecology* 101:1031-1041.
198. Young, T.P. 2013. *Restoration Ecology: The New Frontier 2<sup>nd</sup> Ed.* by Van Andel and Aronson. S.M. *Restoration Ecology* 21:526 (book review).
199. Porensky, L.M., S.E. Wittman, C. Riginos & T.P. Young. 2013. Herbivory and drought interact to enhance diversity and spatial patterning in a savanna understory. *Oecologia* 173:591-602.
200. Young, T.P. 2013. *Ecological Restoration*, by S.M. Galatowitsch. *Ecological Restoration* 31:424-425 (book review).
201. Keesing, F., B.F. Allan, T.P. Young, and R.S. Ostfeld. 2013. Effects of wildlife and cattle on tick abundance in central Kenya. *Ecological Applications* 23:1410-1418.
202. Wilkerson, M.L., L.M. Roche, & T.P. Young. 2013. Indirect effects of domestic and wild herbivores on butterflies in an African savanna. *Ecology and Evolution* 3:3672-3682.
203. Kirigia, A., J.T. Njoka, P.I.D Kinyua & T.P. Young. 2013. Characterizations of livestock manure marketing chain and the annual income contribution of manure trade in Mukogodo, Laikipia, Kenya. *African Journal of Agricultural Research* 8: 5864-5871.
204. Young, H. S., R. Dirzo, K. M. Helgen, D. J. McCauley, S. Billeter, M. Kosoy, L. Osikowicz, T. P. Young, and K. Dittmar. 2014. Declines in large wildlife increase landscape-level prevalence of rodent-borne disease. *Proceedings of the National Academy of Sciences* 111:7036-7041.
205. Kimuyu, D.K., R.L. Sensenig, C. Riginos, K.E. Veblen and T.P. Young. 2014. Native and domestic ungulates reduce fuel loads, fire temperatures, and acacia ant mortality in an African savanna. *Ecological Applications* 24:741-749.
206. Keesing, F. and T.P. Young. 2014. Cascading consequences of the loss of large mammals in an African savanna. *Bioscience* 64:487-405.
207. Wilkerson, M.L., K.L. Ward, N.M. Williams, K.S. Ullmann, and T.P. Young. 2014. Native forbs and pollinators in an agricultural landscape: pollinator services and restoration tradeoffs. *Restoration Ecology* 22:782-789.
208. Young, T.P. 2014. Happy 20th, Mpala! Mpala Memos (Mpala Wildlife Foundation Newsletter) April issue, pp. 8-9.



209. Schimel, D., D.R. Strong, A.M. Ellison, D.P.C. Peters, S. Silver, E.A. Johnson, J. Belnap, A.T. Classen, T.E. Essington, A.O. Finley, B.D. Inouye, and E.H. Stanley. 2014. Editors are editors, not oracles. *Bulletin of the Ecological Society of America* 95:342-346. (Signatory)
210. Young, T.P., E.M. Zefferman, K.J. Vaughn & S. Fick. 2015. Initial success of native grasses is contingent on interacting annual grass competition, temporal priority, rainfall, and site effects. *AoB PLANTS* 7:plu081.
211. Young, H.S., D.J. McCauley, R. Dirzo, J.R. Goheen, B. Agwanda, E.O. Castillo, A. Ferguson, S.N. Kinyua, M. McDonough, T.M. Palmer, R.M. Pringle, T.P. Young, and K.M. Helgen. 2015. Context-dependent effects of large mammals declines on small mammal communities in central Kenya. *Ecological Applications* 25:348-360.
212. Young, T.P. and K.E. Veblen. 2015. Strong recruitment from sparse plug plantings of native California bunchgrasses. *Grasslands* 25:9-11.
213. Ngatia, L.W., B.L. Turner, J.T. Njoka, T.P. Young, and K.R. Reddy. 2015. The effects of herbivory and nutrients on plant biomass and carbon storage in vertisols of an East African savanna. *Agriculture, Ecosystems & Environment* 208:55–63.
214. Vaughn, K.J. & T.P. Young. 2015. Short-term priority over invasive exotics increases the establishment and persistence of California native perennial grasses. *Ecological Applications* 25:791-199.
215. Young, D.N., L.M. Porensky, K. Wolf, S. Fick, and T.P. Young. 2015. Burning reveals cryptic plant diversity and promotes coexistence in a California prairie restoration experiment. *Ecosphere* 6:81.
216. Zefferman, E.M, J. Stevens, G. Charles, M.D. Dunbar, T. Emam, S. Fick, L.V. Morales, K. Wolf, D.N. Young, and T.P. Young. 2015. Plant communities in harsh sites are less invaded: a summary of observations and proposed explanations. *AoB PLANTS* 7:plv056. (Editor's Choice)
217. Pringle, R.M., D. Kimuyu, R.L. Sensenig, T.M. Palmer, C. Riginos, K.E. Veblen and T.P. Young. 2015. Synergistic indirect effects of fire and elephants on arboreal animals. *Journal of Animal Ecology* 84:1637–1645.
218. Wolf, K.M. and T.P. Young. 2016. Summer watering at restored native grassland sites flushes an annual exotic seed bank but fails to increase native perennial cover. *Ecosphere* 7:e01309.
219. Werner, C.M., K.J. Vaughn, K.L. Stuble, K. Wolf, and T.P. Young. 2016. Persistent asymmetrical priority effects in a California grassland restoration experiment. *Ecological Applications* 26:1624-1632.
220. Aslan, C., J. Bronstein, H.S. Rogers, K. Gedan, J. Brodie, T.M. Palmer and T.P. Young. 2016. Leveraging nature's backup plans: species interactions and resilience in restoration. *Restoration Ecology* 24:434-440.
221. Veblen, K.E., L.M. Porensky, C. Riginos, and T.P. Young. 2016. Are cattle surrogate wildlife? Savanna plant community composition explained by total herbivory, not herbivore identity. *Ecological Applications* 26: 1610-1623. [Cover photo]



222. Porensky, L.M. and T.P. Young. 2016. Development of edge effects around experimental ecosystem hotspots is affected by edge density and matrix type. *Landscape Ecology* 31:1663–1680.
223. Pringle, R.M., K.M. Prior, T.M. Palmer, T.P. Young, and J.R. Goheen. 2016. Large herbivores promote habitat specialization and beta diversity of African savanna trees. *Ecology* 97:2640-2657.
224. Sprenkle-Hyppolite, S.D., A.M. Latimer, & T.P. Young. 2016. Landscape and management correlates of reforestation success in Haiti. *Ecological Restoration* 34:306-316.
225. Charles, G., L.M. Porensky, K.E. Veblen, C. Riginos, and T.P. Young. 2017. Herbivore effects on productivity vary by guild: cattle increase mean productivity while wildlife reduce variability. *Ecological Applications* 27:143-155.
226. Welch, K., H. Safford and T.P. Young. 2017. Variables affecting postfire tree regeneration in middle elevation conifer forests, California, USA. *Ecosphere* 7:e01609.
227. Odadi, W.O., D.M. Kimuyu, C. Riginos, K.E. Veblen and T.P. Young. 2017. Fire triggers negative responses of cattle to shared foraging with African native ungulates. *Journal of Applied Ecology* 54: 935–944. (Editor's Choice).
228. Kimuyu, D.M., K.E. Veblen, C. Riginos, R.M. Chira, J.M. Githaiga, and T.P. Young. 2017. Influence of cattle on grazing and browsing wildlife varies with season and presence of megaherbivores. *Ecological Applications* 27:786–798.
229. Kimuyu, D.M., R.L. Sensenig, R.M. Chira, J.M. Githaiga, and T.P. Young. 2017. Spatial scales influence long-term response of herbivores to prescribed burning in a savanna ecosystem. *International Journal of Wildland Fire* 26:287-295.
230. Sensenig, R.L., D.K. Kimuyu, J.C. Ruiz Guajardo, K.E. Veblen, C. Riginos, and T.P. Young. 2017. Fire disturbance disrupts an acacia ant-plant mutualism in favor of a subordinate ant species. *Ecology* 98:1455-1464.
231. Stuble, K.L., S.E. Fick, T.P. Young. 2017. Every restoration is unique: testing year effects and site effects as drivers of initial restoration trajectories. *Journal of Applied Ecology* 54:1051–1057. (“Highly Commended Paper”: Runner-up for the Southwood Prize)
232. Palmer, T.M. and T.P. Young. 2017. Integrating ecological complexity into our understanding of ant-plant mutualism: ant-acacia interactions in African savannas. Pp. 200-222 in: Oliveira, P.S. and Koptur, S., eds. *Ant-Plant Interactions: Impacts of Humans on Terrestrial Ecosystems*. Cambridge University Press, Cambridge.
233. Stuble, K.L., K.J. Vaughn, E.P. Zefferman, K.M. Wolf, and T.P. Young. 2017. Outside the envelope: rare events disrupt the relationship between climate factors and species interactions. *Ecology* 98:1623-1630.
234. Young, T.P., K.L. Stuble, J.A. Balachowski, M.E. Lulow and K. Wolf. 2017. Approaches to addressing climate change challenges in restoration. *Grasslands* 27:10-15.
235. Ford, A.T., S.J. Cook, J.J. Goheen, and T.P. Young. 2017. Conserving megafauna or sacrificing biodiversity? *BioScience* 67:193-196.

236. Young, T.P., K.L. Stuble, K.L., J.A. Balachowski, and C.M. Werner. 2017. Using priority effects to manipulate competitive relationships in restoration. *Restoration Ecology* 25:S114–S123.
237. Keesing, F., R.S. Richard S. Ostfeld, T.P. Young, and B.F. Allan. 2018. Cattle and rainfall affect tick abundance in central Kenya. *Parasitology* 45:345-354.
238. Riginos, C. L.M. Porensky, K.E. Veblen and T.P. Young. 2018. Herbivory and drought generate short-term stochasticity and long-term stability in a savanna understory community. *Ecological Applications* 28:323–335.
239. Young, T.P., C. Riginos, K.E. Veblen, W.O. Odadi, D. Kimuyu, L.M. Porensky, G.K. Charles and H.S. Young. 2018. Relationships between cattle and biodiversity in a multi-use landscape revealed by the Kenya Long-term Exclosure Experiment (KLEE). *Rangeland Ecology and Management* 71:281-291. [Editor's Choice: [Rangelands 40\(3\):95-97.](#)]
240. Morales, L.V., C.S. Sevillano-Rios, S. Fick, and T.P. Young. 2018. Differential seedling regeneration patterns across forest-grassland ecotones in two tropical treeline species (*Polylepis* spp.). *Austral Ecology* 43:514-526.
241. Young, T.P. 2018. Hidden Costs (Letter to the Editor). *High Country News*, 23 July 2018, pg. 4.
242. Goheen, J.R., D.J. Augustine, K.E. Veblen, D.M. Kimuyu, T.M. Palmer, L.M. Porensky, R.M. Pringle, J. Ratnam, C. Riginos, M. Sankaran, A.T. Ford, A.A. Hassan, R. Jakopak, T.R. Kartzinel, S. Kurukura, A.M. Louthan, W.O. Odadi, T.O. Otieno, A.M. Wambua, H.S. Young and T.P. Young. 2018. Conservation and management lessons from large-mammal manipulations in East Africa – KLEE, UHURU, and GLADE. *Annals of the New York Academy of Sciences (The Year in Conservation and Ecology)* 1429:31–49.
243. Odadi, W.O., G.K. Charles, and T.P. Young. 2018. Cattle select African savanna termite mound patches less when sharing habitat with wild herbivores. *Ecology & Evolution* 8:9074-9085.
244. Koerner, S.E., M.D. Smith, D.E. Burkepile, N. Hanan, M.L. Avolio, S.L. Collings, A.K. Knapp, N.P. Lemoine, E.J. Forrestel, S. Eby, Dave I. Thompson, G. Aguado-Santacruz, J.P. Anderson, M. Anderson, A. Angassa, S. Bagchi, E.S. Bakker, G. Bastin, L.E. Baur, K.H. Beard, E.A. Beever, P.J. Bohlen, E.H. Boughton, D. Canestro, A. Cesa, E. Chaneton, J. Cheng, C.M. D'Antonio, C. Deleglise, F. Dembélé, J. Dorrough, D. Eldridge, B. Fernandez-Going, S. Fernández-Lugo, L.H. Fraser, B. Freedman, G. Garcia-Salgado, J.R. Goheen, L. Guo, S. Husheer, M. Karembé, J.M.H. Knops, T. Kraaij, A. Kulmatiski, M. Kytöviita, F. Lezama, G. Loucougaray, A. Loydi, D.G. Milchunas, S. Milton, J.W. Morgan, C. Moxham, K.C. Nehring, H.Olff, T. M. Palmer, S. Rebollo, C. Riginos, A.C. Risch, M. Rueda, M. Sankaran, T. Sasaki, K. Schoenecker, N.L. Schultz, M. Schütz, A. Schwabe, F. Siebert, C. Smit, K.A. Stahlheber, C. Storm, D.J. Strong, J. Su, Y.V. Tiruvaimozhi, C. Tyler, J. Val, M.L. Vandegehuchte, K.E. Veblen, L.T. Vermeire, D. Ward, J. Wu, T.P. Young, Q. Yu, and T.J. Zelikova. 2018. Resolving variation in herbivore effects on plant biodiversity – change in dominance as a global mechanism. *Nature Ecology and Evolution* 2:1925-1932.

245. Bergstrom, B.J., R.L. Sensenig, D.J. Augustine and T.P. Young. 2018. Searching for cover: soil enrichment and herbivore exclusion, not fire, enhance African savanna small-mammal abundance. *Ecosphere* 9:e02519.
246. Young, T.P. 2018. Three drunken old men. *Aggie Brickyard* 7:3. [Editorial]
247. Veblen, K.E., T.P. Young, and L.M. Porensky. 2019. Ecological Restoration. *Encyclopaedia Britannica*: <https://www.britannica.com/science/ecological-restoration>
248. Young, D.J.N., C.M. Werner, K.R. Welch, T.P. Young, and A.M. Latimer. 2019. Post-fire forest regeneration in California, USA shows limited potential to track climate change. *Ecology* 100:e02571.
249. Young T.P. 2019. *Rewilding*. Ed. Nathalie Pettorelli, Sarah M. Durant, and Johan T. Du Toit. Cambridge University Press (book review). *Quarterly Review of Biology*. 94:320-321.
250. LaMalfa, E.M., R.L. Sensenig, D.M. Kimuyu, T.P. Young, C. Riginos and K.E. Veblen. 2019. Tree resprout dynamics following fire depend on herbivory by wild ungulate herbivores. *Journal of Ecology* 107: 2493-2502.
251. Forbes, E.S., J.H. Cushman, D.E. Burkepile, T.P. Young, M. Klope, & H.S. Young. 2019. Synthesizing the effects of large, wild herbivores on ecosystem function. *Functional Ecology* 33:1597-1610.
252. Forbes, E.S., J.H. Cushman, D.E. Burkepile, T.P. Young, M. Klope & H.S. Young. 2019. Data from: Synthesizing the effects of large, wild herbivore exclusion on ecosystem function. *Dryad Digital Repository*, <https://doi.org/10.5061/dryad.3tf4mt4>
253. Graham, S.I., M.F. Kinnaird, T.G. O'Brien, T.-G. Vågen, L.A. Winowiecki, T.P. Young & H.S. Young. 2019. Effects of land-use change on community diversity and composition are highly variable among functional groups. *Ecological Applications* 29:e01973. **[Cover Photo]**
254. Young, T.P. 2019. Receiving and delivering criticism. *Aggie Brickyard* 9:3. (Editorial)
255. Young, T.P. & M.W. Schwartz. 2019. The Decade of Restoration is an impetus to get it right. *Conservation Science and Practice* 1:e145.
256. Werner, C.D. Young, H. Safford & T.P. Young. 2019. Decreased snowpack and warmer temperatures reduce the negative effects of interspecific competitors on regenerating conifers. *Oecologia* 191:731–743. **[Highlighted Student Research]**
257. Stuble, K.L. and T.P. Young. 2020. Priority treatment leaves grassland restoration vulnerable to invasion. *Diversity* 12:71.
258. Sitters, J., D.M. Kimuyu, P. Claeys, T.P. Young & H. Olde Venterink. 2020. Megaherbivores reverse negative effects of cattle on soil carbon and nutrient pools. *Nature Sustainability* 3:360–366.
259. Werner, C.M., K.L. Stuble, A.M. Groves, & T.P. Young. 2020. Year effects: inter-annual variation as a driver of community assembly dynamics. *Ecology* 101: e03104.
260. Silveira, F.A.O, A.J. Arruda, W. Bond, G. Durigan, A. Fidelis, K. Kirkman, R.S. Oliveira, G. Overbeck, J. Sansevero, F. Siebert, S.J. Siebert, T.P. Young & E. Buisson.

2020. Myth-busting tropical grassy biome restoration. *Restoration Ecology* 28: 1067-1073.
261. Young, T.P. 2020. Community. *Aggie Brickyard* 10:3. (Editorial)
262. Valencia, E., F. de Bello, J. Lepš, T. Galland, A. E-Vojtko, L. Conti, J. Danihelka, J. Dengler, D.J. Eldridge, M. Estiarte, R. García-González, E. Garnier, D. Gómez-García, S. Harrison, T. Herben, R. Ibáñez, A. Jentsch, N. Jürgens, M. Kertész, K. Klumpp, F. Louault, R.H. Marrs, G. Ónodi, R.J. Pakeman, M. Pärtel, B. Peco, J. Peñuelas, M. Rueda, W. Schmidt, U. Schmiechel, M. Schuetz, H. Skalova, P. Šmilauer, M. Šmilauerová, C. Smit, M.-H. Song, M. Stock, J. Val, V. Vandvik, K. Wesche, B.A. Woodcock, T.P. Young, F.-H. Yu, M. Zobel, & L. Götzenberger. 2020. Directional trends in species abundance over time can lead to a widespread overestimation of asynchrony. *Journal of Vegetation Science* 31: 792– 802.
263. Valencia, E., F. de Bello, T. Galland, P.B. Adler, J. Lepš, A. E-Vojtkó, R. van Klink, C.P. Carmona, J. Danihelka, J. Dengler, D. Eldridge, M. Estiarte, R. García-González, E. Garnier, D. Gómez, S. Harrison, T. Herben, R. Ibáñez, A. Jentsch, N. Juergens, M. Kertesz, K. Klumpp, F. Louault, R.H. Marrs, R. Ogaya, G. Ónodi, R.J. Pakeman, I. Pardo, M. Partel, B. Peco, J. Peñuelas, M. Rueda, W. Schmidt, U. Schmiechel, M. Schuetz, P. Šmilauer, M. Smilauerova, C. Smit, M.-H. Song, M. Stock, J. Val, V. Vandvik, D.Ward, K. Wesche, S. Wiser, B.A. Woodcock, T.P. Young, F.-H. Yu, M. Zobel, & L. Götzenberger. 2020. Synchrony matters more than species richness in plant community stability at a global scale. *PNAS* 117: 24345–24351.
264. Buisson, E., T. De Almeida, A. Durbecq, A.J. Arruda, C. Vidaller, J.-F. Alignan, T.S.P. Toma, M.C.M. Hess, F. Isselin-Nondedeu, R. Jaunatre, C. Moinardeau, T.P. Young, F. Mesléard, T. Dutoit, O. Blight, and A. Bischoff. 2021. Key issues in north-western Mediterranean grassland restoration. *Restoration Ecology* 29(S1): e13258.
265. Werner, C.M., E. LaMalfa, R.L. Sensenig, D. Kimuyu, K.E. Veblen, and T.P. Young. 2021. Synergistic effects of herbivores and repeat fire on spatial heterogeneity of prescribed burns and their consequences for tree saplings. *Ecology* 102:e03270.
266. Young, T.P., D.M. Kimuyu, W.O. Odadi, Harry B.M. Wells & A.A. Wolf. 2021. Naïve plant communities and individuals may initially suffer in the face of reintroduced megafauna: an experimental exploration of rewilding from an African savanna rangeland. *PLOS One* 16(4):e0248855.
267. Buisson, E., A. Fidelis, G.E. Overbeck, I.B. Schmidt, G. Durigan, T.P. Young, S.T. Alvarado, A.J. Arruda, S. Boisson, W. Bond, A. Coutinho, K. Kirkman, R.S. Oliveira, M.H. Schmitt, F. Siebert, S.J. Siebert, D.I. Thompson, F.A.O. Silveira. 2021. A research agenda for the restoration of tropical and subtropical grasslands and savannas. *Restoration Ecology* 29(S1): e13292.
268. Isbell, L.A., L.R. Bidner, J.C. Loftus, D. Kimuyu, and T.P. Young. 2021. Absentee owners and overlapping home ranges in a territorial species. *Behavioural Ecology and Sociobiology* 75:21.
269. Wells, H.B.M., D. Kimuyu, W.O. Odadi, T.P. Young, A.J. Dougill, and L.C. Stringer. 2021. Cattle and large wild herbivores increase local diversity of smaller vertebrates, but less than additively. *Journal of Applied Ecology* 58: 953-963.

270. Charles, G.K., C. Riginos, K.E. Veblen, D.K. Kimuyu, & T.P. Young. 2021. Termite mound cover and abundance respond to herbivore-mediated biotic changes in an African savanna. *Ecology and Evolution* 11: 7226-7238.
271. Tchouassi, D.P., B. Torto, R. Sang, C. Riginos & V.O. Ezenwa. 2021. Large herbivore loss has complex effects on mosquito ecology and vector-borne disease risk. *Transboundary and Emerging Diseases* 68: 2503-2513.
272. Wells, H.B.M., R.D. Crego, Ø.H. Opedal, L.M. Khasoha, J.M. Alston, C.G. Reed, S. Weiner, S. Kurukura, A.A. Hassan, M. Namoni, J. Ekadeli, D.M. Kimuyu, T.P. Young, T.R. Kartzinel, T.M. Palmer, R.M. Pringle, J.R. Goheen. 2021. Experimental evidence that effects of megaherbivores on mesoherbivore space use are influenced by species' traits. *Journal of Animal Ecology* 90:2510-2522.
273. LaMalfa, E., C. Riginos, and K.E. Veblen. 2021. Browsing wildlife and heavy grazing indirectly facilitate sapling recruitment in an East African savanna. *Ecological Applications* 31: e02399.
274. Hess, C.M.M., F. Mesléard, T.P. Young, B. de Freitas, N. Haveneers, and E. Buisson. 2022. Altering native community assembly history influences the performance of an annual invader. *Basic and Applied Ecology* 59:70-81.
275. Wells, H.B.M., L.M. Porensky, K.E. Veblen, C. Riginos, L.C. Stringer, A.J. Dougill, M. Namoni, J. Ekadeli & T.P. Young. 2022. At high stocking rates, cattle do not functionally replace wild herbivores in shaping understory community composition. *Ecological Applications* 32:e2520.
276. Wells, H.B.M., R. Crego, J. Ekadeli, M. Namoni, D.M. Kimuyu, W.O. Odadi. L.M. Porensky, A.J. Dougill, L.C. Stringer, and T.P. Young. 2022. Less is more: Lower cattle stocking rates enhance wild herbivore habitat use and cattle foraging efficiency. *Frontiers in Ecology and Evolution* 10: 825689.
277. Sperandii, M.G., F. de Bello, E. Valencia, L. Götzenberger, M. Bazzichetto, T. Galland, A. E-Vojtkó, L. Conti, P.B. Adler, J. Danihelka, J. Dengler, D.J. Eldridge, M. Estiarte, R. García-González, E. Garnier, D. Gómez, S. Harrison, T. Herben, R. Ibáñez, A. Jentsch, Norbert Juergens, M. Kertész, D.M. Kimuyu, K. Klumpp, F. Louault, R.H. Marrs, G. Ónodi, R.J. Pakeman, M. Pärtel, B. Peco, J. Peñuelas, M. Rueda, W. Schmidt, U. Schmiedel, M. Schuetz, H. Skalova, P. Šmilauer, M. Šmilauerová, C. Smit, M.-H. Song, M. Stock, J. Val, V. Vandvik, K. Wesche, S.K. Wiser, B.A. Woodcock, T.P. Young, F.-H. Yu, M. Zobel, and J. Lepš. 2022. LOTVS: a global collection of permanent vegetation plots. *Journal of Vegetation Science* 25: e13115.
278. Young, T.P., D. Kimuyu, E. LaMalfa, C. Werner, C. Jones, P. Masudi, R. Ang'ila, and R.L. Sensenig. 2022. The effects of large mammalian herbivory, previous fire, and year of burn on fire behavior in an African savanna. *Ecosphere* 13: e3980. [\[Cover photo\]](#)
279. Palmerlee, A. and T.P. Young. 2022. Drill-seeding blue oak acorns: testing the (cost-) effectiveness of a new restoration technique across years and microsites. *Ecological Restoration* 40:25-29.
280. Young, T.P., D.N. Kimuyu, K.E. Veblen, C. Riginos, J. Sitters, and W.O. Odadi. 2022. Elephants mitigate the effects of cattle on wildlife and other ecosystem traits: experimental evidence. *Proceedings of the 2021 International Rangeland Congress*

(Nairobi, Kenya) Vol. II: 725-728. <https://www.kalro.org/igc-irc2021congresskenya/wp-content/uploads/2022/05/Volume-II-IGC-IRC-2021-CONGRESS-PROCEEDINGS.pdf>

281. Ebel, C.R., M.F. Case, C.M. Werner, L.M. Porensky, K.E. Veblen, H.B.M. Wells, D.M. Kimuyu, R.E. Langendorf, T.P. Young, and L.M. Hallett. 2022. Herbivory and drought reduce the temporal stability of herbaceous cover by increasing synchrony in a semi-arid savanna. *Frontiers in Ecology and Evolution* 10:867051.
282. Ngugi, M.W., D.M. Kimuyu, R.L. Sensenig, W.O. Odadi, S.K. Kiboi, J.K. Omari, and T.P. Young. 2022. Fire and herbivory interactively suppress survival and growth of trees in an African semiarid savanna. *Fire* 5:169.
283. Wells, H.B.M, R.D. Crego, J.M. Alston, S.K. Ndung'u, L.M. Khasoha, C.G. Reed, A.A. Hassan, S. Kurukura, J. Ekadeli, M. Namoni, P.S. Stewart, D.M. Kimuyu, A.A. Wolf, T.P. Young, T.R. Kartzinel, T.M. Palmer, J.R. Goheen, R.M. Pringle. 2023. Wild herbivores enhance resistance to invasion by exotic cacti in an African savanna. *Journal of Ecology* 111:33-44.