

TRUMAN P. YOUNG

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 Davis, CA 95616
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ONLINE LINKS

Web page: <https://tpyoung.ucdavis.edu/>

ResearchGate: https://www.researchgate.net/profile/Truman_Young

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

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

PROFESSIONAL HISTORY

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| 2005-present | 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. |
| 1990-91 | 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. |
| 1981-1988 | Post-doc, instructor, consultant, tour guide, & peripatetic tropical ecologist. |

EDUCATION

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| 1976-1981 | University of Pennsylvania, Philadelphia, PA, USA (Ph.D. 1981) |
| 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
- SERCAL: The California Society for Ecological Restoration
- California Native Grassland Association

GRANTS (senior PI, unless otherwise noted)

- 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, \$641,650.
- 2019 "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 "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.
- 2016-21 "BLM CA Berryessa Snow Mountain National Monument Postfire Landscape Recovery". USDA BLM, \$500,000 (PIs: Mark Schwartz and James Thorne; T.P. Young one of ten Lead Collaborators).
- 2016-18 "Ecological Restoration on Natural and Working Landscapes in California: Restoration Research and Information Center (RIC)", w/ E.S Gornish (lead PI), 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 and 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).

ADVISING:

Ph.D. Major Advisor (24):

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

* NSF Graduate Research Fellow (10)

†NSF IGERT Fellow (4)

** EPA STAR Fellow (1)

^S Shapiro Best Dissertation Award (9)

^{FF} Fulbright Fellow (6)

^P Plant Sciences (Macdonald) Fellow (16)

^{PMF} Presidential Management Fellow (2)

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 ^P (2007)

Mila Dunbar-Irwin ^P (2014)

Logistical, financial, and advisory support for twelve 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, and Duncan Kimuyu.

Served on the 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 students 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, 2013-14, three NSF REU researchers, 2015-2018.

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

TEACHING, at UC Davis unless noted

(does not include scores of guest lectures in other courses)

2015 *Distinguished Teaching Award for Graduate and Professional Teaching, UC Davis*

2019 *Geology, Geomorphology and Ecology of the Yampa and Green Rivers*, graduate and 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)

2008-20 *Plant Communities of California*, upper division lecture course.

2008-20 *Plant Communities of California Communities Lab*, field course.

2007-20 *Foundations of Restoration Ecology*, graduate discussion course

1996-2018 *Introduction of Environmental Plants*, undergraduate lecture/lab course

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 (x2).
- 1983, 84 *Advanced Plant Ecology*, a large undergraduate lecture/field course, University of Nairobi (x2, co-taught).
- 1981-84 *Tropical Ecology*, a lecture/field course and *Directed Research*, for the Kenya Program, St. Lawrence Univ. (x4)

INVITED TALKS (does not include multiple presentations at society meetings)
 Arizona State Univ., Dartmouth College, UC Davis, Institute for Ecosystem Studies,
 International Center for Research in Agroforestry, Louisiana State Univ., National
 Museums of Kenya, Nature Conservancy, Princeton Univ., Rutgers Univ., Saint Lawrence
 Univ., Selby Botanical Gardens, Smithsonian Institution, Stanford Univ., Harvard Univ.,
 Univ. of California Los Angeles, Univ. of California Riverside, Univ. of Chicago, Univ.
 of Colorado, Univ. of Delaware, Univ. of Denver, Univ. of Iowa, Univ. of Missouri, Univ.
 of Nairobi, Univ. of Texas, Univ. of Utah, Univ. of Vermont, Sonoma State Univ., Univ.
 of Nevada at Reno, UC Santa Cruz, Univ. Florida, Univ. Edinburgh, Michigan State
 Univ., Univ. of Wyoming, Colorado State Univ., GREEBS, Brigham Young Univ., Kent
 State Univ., ARS (Fort Collins), George Mason Univ., Leeds Univ., UC Santa Barbara,
 University of Texas

PEER REVIEWER of mss for (79 journals, 100's of mss):

Ecology (Member, Editorial Board)
Oecologia (past Member, Edit. Board)

Acta Oecologia
 African Journal Agricultural Research
 African Journal of Biotechnology
 African Journal of Ecology
 American Journal of Botany
 American Naturalist
 Applied Vegetation Science
 Austral Ecology
 Basic & Applied Ecology
 Behavioral Ecology
 Behavioural Ecology
 Biodiversity & Conservation
 Biological Conservation
 Biological Invasions
 Biological Journal Linnean Society
 BioScience
 Biotropica
 Blackwell Scientific Publications
 BMC Evolutionary Biology
 Catena
 Cambridge University Press
 Chapman and Hall Publishers
 Conservation Biology
 Conservation Letters
 Current Biology
 Diversity and Distributions
 Ecological Applications
 Ecological Research
 Ecology Letters
 Ecology & Evolution
 Ecography
 Ecoscience
 Ecosphere
 Environmental Management
 Evolution
 Fremontia
 Functional Ecology
 Global Ecology & Biogeography Letters

Island Press
 Israeli Journal of Zoology
 Invasive Plant Science & Management
 Journal of Animal Ecology
 Journal of Applied Ecology
 Journal of Arid Environments
 Journal of Chemical Ecology
 Journal of East African Natural History
 Journal of Ecology
 Journal of Environmental Management
 Journal of Ethology
 Journal of Mammalogy
 Journal of Tropical Ecology
 Journal of Vegetation Science
 Landscape Ecology
 Mammalogy
 Native Plants Journal
 Nature
 New Phytologist
 Oikos
 Oxford University Press
 Plant Biology
 Plant Ecology
 Plant Ecology & Biodiversity
 PLoS ONE
 PNAS
 Proceedings Royal Society of London B
 Quarterly Review of Biology
 Rangeland Ecology and Management
 Restoration Ecology
 Science
 Scientia Horticulturae
 SIAM Journal Applied Mathematics
 South African Journal of Botany
 The Rangeland Journal
 Trends in Ecology and Evolution
 University of Chicago Press
 University of California Press
 Vegetatio

PEER REVIEWER of proposals for:

National Science Foundation
 Smithsonian Institution
 National Geographic Society
 Center for Field Research
 International Federation for Science
 National Fish & Wildlife Foundation

NCRS/NRF (South Africa/France)
 BBSRC (Canadian NSF)
 Gallmann Memorial Foundation
 University Research Expeditions
 Institute for Latin America Studies
 Prairie Fork Conservation Area

The Leakey Foundation	Qatar National Research Fund
World Wildlife Fund	East African Faunal Interest Group
Institute for Latin American Studies	GACR: Czech Science Foundation
NWO: Netherlands Org. for Sci. Research	USDA/ARS
Deutschen Forschungsgemeinschaft (DFG)	

EXTERNAL REVIEWER for 18 faculty promotion actions at other institutions

BOARDS & PANELS

2003-pres. Scientific Advisory Board, Mpala Research Centre, Kenya.
 2001-pres. Editorial Board, Ecology and Ecological Monographs
 1996-pres. Coordinating Committee, Prairie Fork Conservation Area, Missouri.
 2019-20 NSF GFRP Panel
 2012-15 Editorial Board, Oecologia
 2004 Moderator, Restoration Panel, California Grasslands Conference, Berkeley, CA
 2005 NSF Ecology Panel, 13-15 April
 2003, 2018 NSF Ad Hoc Committees reviewing the Long-term Research in Environmental
 Biology (LTREB) Program
 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 (No. 660, December 1973): pp. 14-15, Bache, Kaye E. (Editor), 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. [Adapted 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 C3 and C4 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. *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).
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