

Degrees

- B.S. 1963, Cornell University (Conservation)
M.S. 1966, University of Michigan, Ann Arbor (Zoology)
Ph. D. 1969, University of Michigan, Ann Arbor (Zoology)

Employment and visiting positions

Current position: Distinguished Professor, Department of Ecology and Evolution, Stony Brook University.

State University of New York at Stony Brook, Dept. of Ecology and Evolution: Assistant Professor 1969-1976, Associate Professor 1976-1983, Professor 1983-2003; named Distinguished Professor 2001; reappointed as Distinguished Professor 2004.

University of Michigan (Ann Arbor), Dept. of Ecology and Evolutionary Biology, Chair, 2002-3; Professor 2002-4 ; Lawrence B. Slobodkin Collegiate Professor 2003-4.

American Museum of Natural History: Research Associate, 2005-present.

Visiting Appointments:

- Dept. of Zoology, University of California, Berkeley, winter 1977 (Visiting Assoc. Prof.)
Dept. of Zoology, University of Texas, Austin, March 1980 (Visiting Assoc. Prof.)
Cornell University, Section of Ecology and Systematics and Department of Entomology, 1984-85 (Visiting Prof.)
Universit à di Padova, Italy, March 1992 (Visiting Prof.)
Smithsonian Institution (National Museum of Natural History), Washington, D.C., 1992-93
University of Miami, Florida, February 1994 (Distinguished Visiting Professor)
University of Melbourne (Australia), School of Botany, Sept. 1999-Feb. 2000 (Fellow)
LaTrobe University (Australia), Dept. of Genetics, Jan. - June 2000 (Honorary Visiting Fellow)
James Cook University (Australia), School of Tropical Biology, 2000 (Visiting Professor)
New York University, Center for Genomics and Complex Systems, 2012-13 (Visiting Scholar)

Honors, awards:

- SUNY Chancellor's Award for Excellence in Teaching, 1974
John Simon Guggenheim Fellow, 1992-93
Fellow, American Association for the Advancement of Science, 1985
Fellow, American Academy of Arts and Sciences, 1996
Sewall Wright Award, American Society of Naturalists, 1997

Fulbright Senior Scholar, USIA Fulbright Senior Scholar Program, for lecturing and research at LaTrobe University, University of Melbourne, James Cook University, Australia, AY 1999-2000

Tetelman Fellow, Jonathan Edwards College, Yale University, April 2006

National Academy of Sciences of the U.S.A., elected member April 25, 2006

Joseph Leidy Award, Academy of Natural Sciences of Drexel University (formerly Academy of Natural Sciences of Philadelphia), October 2012

Honorary Doctor, National University of Mongolia, May 2013

Grants:

SUNY Faculty Research Fellowship, 1971, 1973

Whitehall Foundation grant, 1983-1985

National Science Foundation grants 1974-76, 1976-79, 1979-81, 1983-85, 1986-89, 1989-93, 1995-99, 2001-06 (co-PI with F. Venc1) (all from Population Biology and Physiological Ecology, Systematics); Dissertation Improvement grants for graduate students, 1988, 1991, 1993, 1993, 1998, 2002.

Professional societies and positions held

Society for the Study of Evolution

Member since 1963

Councillor, 1980-82

Associate Editor of *Evolution*, 1980

Editor of *Evolution*, 1981-1983

President, 1987

Editorial search committee, chair, 1998

Education committee, 1997-1999

Committee on Evolution and Society (chair), 2000

Book review Editor of *Evolution*, 2000-2002, 2004-6

American Society of Naturalists

Member since 1963

Editorial search committee, chair, 1989; member, 1997

President, 1994

Working group on Evolution, Science and Society, Editorial Co-chair, 1995-98 (for preparation of document on "Evolution, Science and Society")

American Association for the Advancement of Science

Reviewing Editor for *Science*, 1985

American Institute of Biological Sciences

Board of Directors, 1995-96

President 2007, Past President 2008

Journal of Evolutionary Biology, editorial board 1995-97

Mitteilungen aus dem Museum für Naturkunde in Berlin, Zoologische Reihe: advisory board, 1998-2007

Quarterly Review of Biology, editor 2000-2002; consultant 1979-2000.

Proceedings of the National Academy of Sciences, Editorial board, 2008-present

Sigma Xi (member)

Other professional service and activities

Organization for Tropical Studies (Costa Rica)

Tropical Biology course co-coordinator 1971, 1984; full-time faculty 1966, 1969, 1974; part-time faculty 1981, 1989, 1990, 1991, 1994, 2001, 2002, 2013; Institutional representative 1992-98, 2013-.

Annual Review of Ecology and Systematics (later *Annual Review of Ecology, Evolution, and Systematics*), Editorial Board 1987-1991, Associate Editor 1992 - 2001; Editor 2002 - 2016.

Visiting faculty, Univ. of Minnesota Biological Station, 1978

National Science Foundation, Population Biology and Physiological Ecology panel member 1984-1987

New York Council for Evolution Education, Executive Board, 1984 -88

National Research Council Committee on Research Opportunities in Biology, Panel on Evolution and Diversity, 1988

American Institute of Biological Sciences, Task Force for the '90's, 1990

Systematics Agenda 2000 (Standing Committee on Comparative Physiology), 1991

Comité Asesor, Museo de la Historia Natural de la Amazonia, Iquitos, Peru, 1991

External review panels for graduate programs at Cornell University (1983), College of William and Mary (1985), University of Chicago (1988), Duke University (1990), Harvard University (2001, also 2007 as chair), University of California-Irvine (2001), University of Arizona (2003), University of Montana (2008)

Review panel for Swedish National Research Council for chemical ecology research, 1987

Uppsala University (Sweden), Appointments Committees for Conservation Biology (1990) and Entomology (1993); Science Policy Advisory Committee, 1991

Swiss Academy of Sciences, workshop on education and research in organismal biology, 1987

Batsheva de Rothschild Frontiers of Science Workshop on Evolution, Israel, Jan. 1999 (review panel to assess evolutionary biology in Israel)

Ph. D. defense opponent, Dept. of Zoology, Stockholm University (Sweden), March 1999

NSF Workshop on National Center for Evolutionary Synthesis, Arlington, Va., May 2001

President's ad hoc committee on tenured appointment, Harvard University, March 2003

Academic Review Panel (chair) for Dept. of Ecology and Evolutionary Biology, University of Arizona, April 2003

Consultant, "Darwin" exhibit, American Museum of Natural History, 2005

Evolution Education Working Group, National Evolutionary Synthesis Center, 2006-

National Research Council, Ad hoc committee for report, "Conceptual Basis of Biology," 2006-7

Harvard University, Chair, Committee to Visit the Department of Organismal and Evolutionary Biology, 2007

Editorial board member, "Evolution Education and Outreach" (Springer), 2007- .

Consultant, Koshland Museum (National Academy of Science) "Darwin's Legacy" exhibit, 2007

Editorial board, Proceedings of the National Academy of Sciences of the U.S.A., 2007- present

Conference "Public Interfaces of Science: Identifying Opportunities for the National Academies," October 28-29, 2010, Washington, D.C., The National Academies. (Invited participant)

Member, Visiting Review Committee, Graduate Program in Ecology, Evolution and Behavior,
University of Minnesota, March 2011

Member, Visiting Review Committee, Department of Biological Sciences, University of
Maryland (College Park), April 2012

Symposia and presentations

Symposia organized:

- Society for the Study of Evolution (SSE) (symposia on Coevolution and on History of Evolutionary Controversies; also co-organizer of meeting held at SUSB, 1982)
- SSE, 1988 (Phylogeny and Evolutionary Processes)
- SSE and Society of Systematic Biologists, 1993 (Phylogenetic Studies of Interspecific Interactions, co-organizer)
- XXII International Congress of Entomology, Brisbane, Australia, 2004 (Section co-coordinator, genetics and evolutionary biology)
- American Institute of Biological Sciences symposium, "Evolutionary Biology and Human Health," May 2007, Washington, D.C.
- Darwin 200 symposium, Stony Brook University (NSF-supported), November 2009 (member, organizing committee)

Invited symposium and congress presentations (since 1987):

- Presidential address, Society for the Study of Evolution, 1987
- Academy of Natural Sciences, Philadelphia (Speciation and Adaptation), 1987
- Universidade Estadual de Campinas, Brazil (Evolutionary Ecology of Tropical Plants and Herbivores), 1988
- Hamilton College, New York (Theories of Time and Change), 1989
- Columbus, Ohio, Workshop on Philosophical Issues in Evolution, 1988
- Field Museum of Natural History (Chicago) (History and Evolution), 1989
- International Congress of Chemical Ecology, Gothenburg, Sweden, 1989
- Entomological Society of America (Phylogenetics of Insect-Plant Associations), 1989
- IV International Congress of Systematic and Evolutionary Biology, College Park, Md. (plenary speaker), 1990
- British Ecological Society Symposium, Norwich (Genes in Ecology), 1991
- Iquitos, Peru (Biodiversidad en la Amazonia), 2 presentations in Spanish, 1990
- NSF Workshop, Friday Harbor, Wash. (Evolutionary, Population, and Community Responses to Global Change), 1991
- Eighth International Symposium on Insect-Plant Relationships, Wageningen, The Netherlands, 1992
- Seventeenth International Congress of Genetics, Birmingham, U.K. (Speciation Mechanisms), 1993
- American Society of Naturalists presidential address and banquet speaker, joint meeting of ASN, SSE, SSB, SSB, SMBE, Athens, GA, 1994
- Gordon Conference on Plant-Herbivore Interactions, invited speaker, 1995
- AAAS annual meeting, symposium on Biodiversity and Social Needs, invited speaker, 1995

Amer. Soc. of Zoologists annual meeting, symposium on Applications of Phylogeny, invited speaker, 1995

Royal Society discussion meeting, Plant Life Histories, London, Feb. 1996

Institute of Evolutionary and Ecological Sciences Sixth Annual Symposium, University of Leiden, The Netherlands: the Swets and Zeitlinger Lecture, March 1998

Dickfest 98 (retirement symposium for Prof. R. C. Lewontin, Harvard University), Sept. 1998

International Symposium of the Society for the Study of Species Biology, Kyoto, Japan, April 1999

X International Symposium on Biological Control of Weeds, Bozeman, Mont., July 1999

V Student Congress in Biology, Universidade Estadual de Campinas, Brazil, plenary speaker, October 2001

American Institute of Biological Sciences annual meeting, Arlington, Va., plenary speaker, March 2002

American Museum of Natural History, symposium "Assembling the Tree of Life," plenary speaker, May 2002

Entomological Society of America, symposium on "Insect Speciation," October 2003

World Summit on Evolution, San Cristobal, Galapagos Islands (Ecuador), commentator, June 2005

Biology 2006 (meeting of Swiss Societies of Zoology, Botany, and Mycology), Geneva, Switzerland; speaker, February 2006

Gordon Research Conference on Plant-Herbivore Interactions, speaker, February 2007.

"The Buffon Legacy: Natural History in the 21st Century," Université de Bourgogne, Dijon, France, plenary speaker, September 2007

Sociedad de Biología Evolutiva de Chile, inaugural meeting, Pucón, Chile, Inaugural lecture, November 2007

Southwest Consortium for Innovations in Psychology in Education, symposium on "Evolution Challenges," November 2007

Congreso Mexicano de Ecología, Mérida, Mexico, plenary speaker, November 2008

"Evolution: The Experience" (Darwin bicentennial celebration), Melbourne, Australia, February 8-13, 2009

"Evolution in Action" BioEd 2009, Symposium, Allan Wilson Centre, Christchurch, New Zealand, February 14, 2009

"Darwin en Sevilla" (Darwin bicentennial celebration), University of Seville, Spain, February 25-27, 2009

III STOQ International Conference, "Biological Evolution: Facts and Theories," Pontifical Gregorian University, Rome, Italy, March 3-7, 2009

"Symposium of Evolution, Science and Education," Bogazici University, Istanbul Turkey, May 23-24, 2009

National Taiwan University and Academia Sinica, Taipei, Taiwan, "Darwin 200" lecture series, June 1-5, 2009

Brazilian Congress of Genetics, Aguas de Lindoia, Brazil, September 1, 2009

Symposium: "150 Years of Darwin's Evolutionary Theory: A South American Celebration," Punta del Este, Uruguay, September 3-6, 2009

Symposium "Evolution: 150 Years After 'The Origin of Species'," Instituto de Ecología, Xalapa, Mexico, October 8-9, 2009

Symposium "Darwin – China 200," Peking University, Beijing, China, October 24-26, 2009

Universidad Central de Venezuela, Department of Biology, Caracas, Venezuela, November 24-25, 2009
ISPA, Lisbon, Portugal, December 21, 2009
III Simposium ColEvol, Red Colombiana de Biología Evolutiva, Universidad de Antioquia, Medellín, Colombia, July 28-29, 2011
I International Symposium on Evolutionary Biology, Cabo Branco Station of Science, Culture and Art, João Pessoa, Brazil, June 2012
Association for Tropical Biology and Conservation annual meeting, symposium The Ecology and Evolution of Plant Defenses, Bonito, Brazil, June 2012
Association for Tropical Biology and Conservation, symposium Global Change, Species Extinctions and the Coextinction of Plant-Animal Interactions, San José Costa Rica, June 2013
Brazilian Society of Mammalogy, First Brazilian Symposium on Mammalian Evolution, Rio de Janeiro, Brazil, October 2013

Other invited lectures since 1987, outside North America:

Universities of Basel and of Zurich, Switzerland, 1987
Uppsala University, Sweden (Nils von Hofsten Memorial Lecture), 1989
Smithsonian Tropical Research Institute, Panama, 1991
Università di Padua, Università di Roma (Tor Vergata), Italy, 1992
Université de Paris Sud, France, 1993
Universidad Autónoma de Barcelona; Estación Doñana de Sevilla, Spain (in Spanish), 1993
Universidad de Valencia, Spain (Distinguished Lecturer; 2 lectures in Spanish), April 1998
Stockholm University (Sweden), Department of Zoology, March 1999
University of Melbourne, Australia, September 1999
University of Western Australia, October 1999
Monash University, Melbourne, Australia, November 1999
Centre for Plant Biodiversity Research, CSIRO, Canberra, Australia, November 1999
Australian National University, Canberra, November 1999
Macquarie University, Sydney, Australia, November 1999
LaTrobe University, Melbourne, Australia, February 2000
University of Queensland, Brisbane, Australia, March 2000
James Cook University, Townsville campus, Australia, March 2000
James Cook University, Cairns campus, Australia, March 2000
Università di Ferrara (Italy), Department of Genetics, February 2006
Middle Eastern Technical University (Ankara, Turkey), May 2006
Bosphorus University (Istanbul, Turkey), May 2006
Centre for Ecological and Evolutionary Synthesis, University of Oslo, Norway, October 2007
Pontificia Universidad Católica, Santiago, Chile, November 2007
Universidade Estadual de Campinas, Brazil, May 2008 (series of 3 lectures)
Congreso Mexicano de Ecología, Merida, Mexico, November 2008
Istanbul University, Turkey, May 2009
National Taiwan University, Department of Life Sciences, Taipei, Taiwan, June 2009
Academia Sinica, Institute of Biodiversity, Taipei, Taiwan, June 2009

University of Stirling, School of Natural Sciences, Stirling, Scotland, May 2012
Delhi University, Department of Botany, Delhi, India, April 2013
India National Science Academy, New Delhi, India, April 2013
India International Centre, New Delhi, India, April 2013
National University of Mongolia, Division of Ecology and Environment, Ulaan Baatar,
Mongolia (2 lectures), May 2013

Other invited lectures since 1987, North America:

University of Toronto, Inaugural Speaker for Program in Evolutionary Biology, 1988
Harvard University, The John M. Prather Lectures in Biology (3 lectures), 1988
Michigan State University Kellogg Biological Station, Eminent Ecologists Seminar Series,
1989
University of Kentucky, Annual Darwin Lecture, 1989
University of Calgary, Annual Darwin Lecture, 1990
San Diego State University, Distinguished Visiting Scientist, 1990
University of California, Riverside (Boyce Lecturer, Entomology), 1992
University of Chicago, The Sewall Wright Lecture, 1993
University of Miami, Visiting Distinguished Professor, 1994
Wayne State University Inaugural Symposium "Evolutionary Biology Entering the New
Millenium," 1998
North Carolina State University, W. M. Keck Center for Behavioral Biology; Professional
Development Workshop, October 2005
Symposium "Darwin-Chicago 2009," University of Chicago, November 2009
Professional Development Day, American Museum of Natural History, New York, lecture to
science educators, November 2009
Symposium "Darwin 2009," Stony Brook University, November 2009
Panel Discussant, "Creationism in the Classroom," City College of New York, December 2010
USA Science and Engineering Festival, Washington, D.C., April 2012

Invited seminars at SUNY-Binghamton, University of Massachusetts (1987); Universities of
Texas, Georgia, Duke, Columbia University Population Biology Series (1988);
Universities of Kentucky, Arizona, Rutgers (1989); SUNY-Albany, Princeton,
University of California-Berkeley (1990); Universities of Pittsburgh, Ottawa, Michigan,
South Carolina, Washington, Carleton University, Agriculture Canada (Biosystematics
Research Centre) (1991); Cornell University, Ithaca College, University of Maryland,
National Museum of Natural History (1992); University of Arizona, University of
Rochester, University of California (Davis), Colorado State University, Duke University
(1994); American Museum of Natural History, Penn State University, Michigan State
University, University of New Orleans, University of Georgia (1995); University of
Oregon (1996); Washington University, University of Tennessee ("Darwin Day"
lecturer) (1997); University of Connecticut, Miami University, Harvard University
(1998); University of Illinois, Linnaean Society of New York (1999); The Walton
Lecture, Mountain Lake Biological Station (University of Virginia) (2000), University of
Toronto, University of Oklahoma, Florida State University (2001), University of
Michigan (2001), University of California-Santa Cruz (2002), Ohio State University

(2002), University of Arizona (Distinguished Visiting Professor, 2002), University of Texas-Austin (Distinguished Lecturer, 2002), Universidad Autónoma de México (Distinguished Visiting Professor, 2002), University of Kentucky (2002), University of Pittsburgh/Carnegie Museum (2003), University of Puerto Rico Biology Student Symposium (plenary speaker, 2003), Midwest Ecology and Evolution Conference, University of Akron (plenary speaker, 2003), Michigan State University (2003), University of Massachusetts (2003), Duke University (2004), Washtenaw (Michigan) Audubon Society (2004), Bowling Green State University, Ohio (Distinguished Speaker, 2004), University of Nevada-Reno (Distinguished Speaker, 2004), University of California-Davis (2004), Harvard University MCZ, Mayr Centennial celebration (2004), North Carolina State University (2005), American Museum of Natural History (2006, public lecture), Yale University (Tetelbaum Lecture, 2006), Manhattan College (2006), University of Colorado Center for Astrobiology symposium (2006), American Museum of Natural History (2007), University of Wyoming (L. Floyd Clarke Memorial Lecturer, 2007), University of Maryland (2007), National Museum of Natural History, Smithsonian Institution (2007), University of Toronto (Atwood Memorial Lecture, 2007), Texas A&M University (2007), University of Wyoming (L. Floyd Clarke Memorial Lecture, 2007), University of Pennsylvania (2007), University of South Carolina (2008); Guggenheim Museum, New York (“24-Hour Program on the Concept of Time” November 2008); Columbia University (2009); Dartmouth College (Chris Reed Memorial Lecture) (2009); University of Miami (2010); American Museum of Natural History (2010); Stony Brook University “Darwin Day” (2010); Cornell University (2010), University of Alabama (2011), University of Arizona (2011), University of Nebraska (2011), Duke University (2012), University of California – Los Angeles (October 2013)

Courses taught, SUNY-Stony Brook

Undergraduate:

Ecology, Ecology Laboratory (until ca. 1975)
Adaptation and Evolution (until ca. 1974)
Introductory Biology (part, sporadically)
Evolution
Entomology (with lab)
The Living World (1999)
First-year Seminar: Evolution and Society (2011)

Graduate:

Principles of Evolution (part, annually)
Seminar courses on evolutionary topics
Graduate and undergraduate research and tutorial courses
Evolutionary Ecology (Fall 2005, Spring 2008, Spring 2010, Spring 2012)

Courses taught, University of Michigan

Biology Seminar (EEB 800) winter 2003 (graduate)
Principles of Evolution (EEB 516), fall 2003 (graduate)

Graduate students

Major advisor for Richard P. Seifert (Ph.D. 1974), Steven Martindale (M.S. 1977), J. Daniel Hare (Ph. D. 1978), Charles Mitter (Ph.D. 1978), Steven S. Wasserman (Ph.D. 1979), Graham A. Mark (Ph.D. 1980), Carl Schlichting (M.S. 1980), Lawrence Harshman (Ph.D. 1982), Margaret E. Saks (Ph.D. 1983), Steven C. Peterson (Ph.D. 1985), Edward M. Golenberg (Ph.D. 1986), Robert S. Unnasch (Ph.D. 1990), Gabriel Moreno-Viqueira (Ph.D. 1990), Mark C. Keese (Ph.D. 1994), Sonja J. Scheffer (Ph. D. 1996), Leo Shapiro (Ph.D. 1997), Daniel J. Funk (Ph.D. 1996), Lacey Knowles (Ph. D. 1999), Gregory Bole (Ph. D. 2001), Aaron Gassmann (Ph. D. 2003), Andr e Levy (Ph. D. 2004), Sabrina Hepburn (M.S. 2004), Rodrigo Cogni (Ph. D. 2010), Aman Gill (entered 2006).

External member, Ph. D. committee of Carlos Robles-Garc a, University of Miami (2005-2010)

Publications

I. Books

- Futuyma, D. J. 1979. *Evolutionary Biology*. Sinauer, Sunderland, Mass. 565 pp. (Italian translation 1984)
- Futuyma, D.J. 1982. *Science on Trial: The Case for Evolution*. Pantheon, N.Y. 251 pp. (Italian translation)
- Futuyma, D. J. 1995. *Science on Trial: The Case for Evolution*. Sinauer. (Reissue with updated material).
- Futuyma, D. J., and M. Slatkin (eds.). 1983. *Coevolution*. Sinauer, Sunderland, Mass. 555 pp.
- Futuyma, D. J. 1986. *Evolutionary Biology*, 2d edition. Sinauer, Sunderland, Mass. 600 pp. (Translations in German 1990, Japanese 1991, Greek 1992, Portuguese 1992)
- Futuyma, D. J., and J. Antonovics (eds.). *Oxford Surveys in Evolutionary Biology*. Volumes 7 (1990), 8 (1992), 9 (1993). Oxford University Press, N.Y.
- Futuyma, D. J. 1998. *Evolutionary Biology*, 3d edition. Sinauer, Sunderland, Mass. 828 pp.
- Futuyma, D. J. 2005. *Evolution*. Sinauer, Sunderland, Mass. 603 pp. (Italian, Korean, and Turkish translations 2008,)
- Futuyma, D. J. 2007. *Evolution: Das Original mit  bersetzungshilfen*. Elsevier Spektrum Akademischer Verlag, Munich. (English text of *Evolution*, with German translation aids by A. Held.)
- Futuyma, D. J., editor (with H. B. Shaffer and D. Simberloff), *Annual Review of Ecology, Evolution, and Systematics*, vol 33-41 (2002-2010).
- Futuyma, D. J. 2009. *Evolution*, second edition. Sinauer, Sunderland, Mass. (Mongolian translation 2012)
- Futuyma, D. J. 2013. *Evolution*, third edition. Sinauer, Sunderland, Mass.
- Bell, M. A., D. J. Futuyma, W. F. Eanes, and J. F. Levinton (eds.), *Evolution Since Darwin: The First 150 Years*. Sinauer, Sunderland, Mass.
- Futuyma, D. J., H. B. Shaffer, and D. Simberloff (editors). 2002-2012. *Annual Review of Ecology, Evolution, and Systematics*, volumes 33-43.
- Futuyma, D. J. 2013. *The Princeton Guide to Evolution*, J. B. Losos, ed. Princeton University Press. (I was Associate Editor of the section “Adaptation and Natural Selection,” and wrote an introduction to the 100-page section that includes 15 chapters.)

II. Articles, since 1987.

- Futuyma, D. J., and T. E. Philippi. 1987. Genetic variation and covariation in responses to host plants by *Alsophila pomataria* (Lepidoptera: Geometridae). *Evolution* 41:269-279.
- Futuyma, D. J. 1987. On the role of species in anagenesis. *Amer. Nat.* 130:217-226.
- Futuyma, D. J. 1988. *Sturm und Drang* and the evolutionary synthesis. *Evolution* 42:217-226.
- Futuyma, D. J. 1988. Interindividual comparisons: a discussion. In M. E. Feder, A. F. Bennett, W. W. Burggren, and R. B. Huey (eds.), *New Directions in Physiological Ecology*, pp. 240-242. Cambridge University Press.
- Coyne, J. A., H. A. Orr, and D. J. Futuyma. 1988. Do we need a new species concept? *Syst. Zool* 37:190-200.
- Futuyma, D. J., and G. Moreno. 1988. The evolution of ecological specialization. *Annu. Rev. Ecol. Syst.* 19:207-223.
- Futuyma, D. J. 1989. Macroevolutionary consequences of speciation. In D. Otte and J. A. Endler (eds.), *Speciation and its consequences*, pp. pp. 557-578. Sinauer, Sunderland, Mass.
- Futuyma, D. J. 1989. Speciation trends and the role of species in macroevolution. *Amer. Nat.* 134:318-321.
- Futuyma, D. J. 1990. Observations on the taxonomy and natural history of *Ophraella* Wilcox (Coleoptera: Chrysomelidae), with a description of a new species. *J. New York Entomol. Soc.* 98:163-186.
- Petitpierre, E., C. Juan, and D. J. Futuyma. 1990. Cytogenetic and evolutionary relationships in the nearctic genus *Ophraella* and related genera of leaf beetles (Coleoptera: Chrysomelidae). *Ann. Entomol. Soc. Amer.* 83:689-693.
- Futuyma, D.J., and S. S. McCafferty. 1990. Phylogeny and the evolution of host plant associations in the leaf beetle genus *Ophraella* (Coleoptera: Chrysomelidae). *Evolution* 44:1885-1913.
- Futuyma, D. J. 1991. Evolution of host specificity in herbivorous insects: genetic, ecological, and phylogenetic aspects. In P. W. Price, T. M. Lewinsohn, G. W. Fernandes, and W. W. Benson (eds.), *Plant-animal interactions: Evolutionary ecology in tropical and temperate regions*, pp. 431-454. Wiley, N. Y.
- Mitter, C., B. Farrell, and D. J. Futuyma. 1991. Phylogenetic studies of insect-plant interactions: Insights into the genesis of diversity. *Trends Ecol. Evol.* 6:290-293.
- Futuyma, D. J. 1991. A new species of *Ophraella* Wilcox (Coleoptera: Chrysomelidae) from the southeastern United States. *J. New York Entomol. Soc.* 99:643-653.
- Futuyma, D. J. 1992. Systematics and the study of evolutionary processes. In E. C. Dudley (ed.), *The unity of evolutionary biology*, pp. 695-706. Proceedings of the Fourth International Congress of Systematic and Evolutionary Biology. Dioscorides Press, Portland, Ore.
- Farrell, B., C. Mitter, and D. J. Futuyma. 1992. Diversification at the insect-plant interface: insights from phylogenetics. *BioScience* 42:34-42.
- Futuyma, D. J. 1992. History and evolutionary processes. In M. Nitecki and D. V. Nitecki (eds.), *History and evolution*, pp. 103-130. University of Chicago Press, Chicago.

- Futuyma, D. J., and M. C. Keese. 1992. Evolution and coevolution of plants and phytophagous arthropods. In G. A. Rosenthal and M. R. Berenbaum (eds.), *Herbivores: Their interactions with secondary plant metabolites* (2d ed.), pp. 439-475. Academic Press, N.Y.
- Futuyma, D. J., and R. M. May. 1992. The coevolution of plant/insect and host/parasite relationships. In R. J. Berry, T. J. Crawford and G. M. Hewitt (eds.), *Genes in ecology*, pp. 139-166. Blackwell, London.
- Futuyma, D. J. 1992. Genetics and the phylogeny of insect-plant interactions. In S. B. J. Menken, J. H. Visser, and P. Harrewijn (eds.), *Proc. Eighth Internat. Congr. Insect-Plant Relationships*, pp. 191-200. Kluwer, Dordrecht, The Netherlands.
- Travis, J., and D. J. Futuyma. 1993. Global change: Lessons from and for evolutionary biology. In J. Kingsolver, P. Kareiva, and R. Huey (eds.), *Biotic interactions and global change*, pp. 251-263. Sinauer, Sunderland, Mass.
- Futuyma, D. J., M. C. Keese, and S. J. Scheffer. 1993. Genetic constraints and the phylogeny of insect-plant associations: Responses of *Ophraella communa* (Coleoptera: Chrysomelidae) to host plants of its congeners. *Evolution* 47:888-905.
- Futuyma, D. J. 1994. Genetic and phylogenetic aspects of host plant affiliation in *Ophraella* (Chrysomelidae: Galerucinae). In P. H. Jolivet, M. L. Cox, and E. Petitpierre (eds.), *Novel aspects of the biology of Chrysomelidae*, pp. 249-258. Kluwer Academic, Dordrecht, The Netherlands.
- Futuyma, D. J., C. Herrmann, S. Milstein, and M. C. Keese. 1994. Apparent transgenerational effects of host plant in the leaf beetle *Ophraella notulata* (Coleoptera: Chrysomelidae). *Oecologia* 96:365-372.
- Futuyma, D. J., J. Walsh, T. Morton, D. J. Funk, and M. C. Keese. 1994. Genetic variation in a phylogenetic context: Responses of two specialized leaf beetles (Coleoptera: Chrysomelidae) to host plants of their congeners. *J. Evol. Biol.* 7:127-146.
- Futuyma, D. J. 1994. Ernst Mayr and evolutionary biology. *Evolution* 48:36-43.
- Futuyma, D. J., M. C. Keese, and D. J. Funk. 1995. Genetic constraints on macroevolution: The evolution of host affiliation in the leaf beetle genus *Ophraella*. *Evolution* 49:797-809.
- Funk, D. J., D. J. Futuyma, G. Ortíz and A. Meyer. 1995. A history of host associations and evolutionary diversification for *Ophraella* (Coleoptera: Chrysomelidae): new evidence from mitochondrial DNA. *Evolution* 49:1017-1022.
- Funk, D. J., D. J. Futuyma, G. Ortíz and A. Meyer. 1995. Mitochondrial DNA sequences and multiple data sets: A phylogenetic study of phytophagous beetles (Chrysomelidae: *Ophraella*). *Molecular Biology and Evolution* 12:627-640.
- Futuyma, D. J. 1995. The uses of evolutionary biology. *Science* 267:41-42. (Invited "Perspective")
- Futuyma, D. J. 1995. Speciation. *Encyclopedia of Environmental Biology* 3:353-368. Academic Press, N.Y.
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