

Jerry Allen Coyne
C.V. including Popular and Scientific Writing

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Education

The College of William and Mary, 1967-1971. B.S. *summa cum laude*, with Highest Honors in Biology

The Rockefeller University, July-October 1971. Biochemistry course.

Harvard University, 1973-1978. Ph.D. in Biology. Sponsor: Richard C. Lewontin.

Universidad de Costa Rica, Summer 1974. Organization for Tropical Studies course: Tropical Ecology.

Professional Experience

Professor, Department of Ecology and Evolution, The University of Chicago, 1991-present.

Associate Professor, Department of Ecology and Evolution, The University of Chicago, 1986-1991.

Associate Professor, Department of Zoology, The University of Maryland, College Park, 1986.

Assistant Professor, Department of Zoology, The University of Maryland, College Park, 1982-1986.

NIH Postdoctoral Fellow, Department of Genetics, The University of California, Davis, 1979-1982. Sponsor: Timothy Prout

Research Associate, The Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts. 1978-1979.

Medical Technician, Cornell University Medical School, New York, New York, 1971-1972 (alternative service position).

Scholarships, Awards, Academic Distinctions, and Visiting Professorships

Visiting Professor, CNRS, Université de Bourgogne, Dijon, France. 2005-2006.

Residency, Rockefeller Foundation Study and Conference Center, Bellagio, Italy,

June/July 2001 (for work on the book *Speciation*).
 Distinguished Visiting Professor, Université Pierre et Marie Curie University of Paris VI
 Paris, France. 15 June-15 July 1998
 Vice President, Society for the Study of Evolution, 1996.
 Distinguished Visiting Professor, University of Paris-Sud, Orsay, France November-December
 1994
 Award of Excellence and Meritorious Service, Illinois Public Defender Association, 1993 (for
 forensic DNA work)
 John Simon Guggenheim Foundation Fellow, 1989 (Paris, France; Princeton, NJ)
 National Institutes of Health Postdoctoral Fellow, 1979-1981, University of California, Davis.
 National Science Foundation Predoctoral Fellow, 1971, 1973-1976. The Rockefeller
 University and Harvard University.
 B.S. *summa cum laude* The College of William and Mary, 1971.
 Phi Beta Kappa, The College of William and Mary, 1971.
 NSF Undergraduate Research Scholar, The College of William and Mary, 1970.

Research Interests

Population and evolutionary genetics
 Speciation
 Ecological and quantitative genetics
 Chromosome evolution
 Sperm competition

Non-reviewed and “popular” articles: commentaries, reviewed technical comments, book reviews, popular writings, and miscellaneous publications

1. Coyne, J. A. Review of *Breaking the Spell* by Daniel C. Dennett. Times Literary Supplement (London), p. 24, Mar. 31, 2006.
2. Coyne, Jerry A. 2006. Intelligent design: The Faith that Dare Not Speak Its Name. In Brockman, J. (ed.) *Intelligent Thought*. Vintage Books, in press.
3. Coyne, J. 2005. Dover and Out: The Dover ruling sends a message across the country. The New Republic (online), Post date Dec. 28, 2005.
4. Coyne, J. A. 2005. Evolution, and nothing more (Op-Ed piece). National Post (Canada). p. A25, Dec. 2, 2005.
5. Dawkins, R. and J. Coyne. 2005. Time, tumult and the science of survival: In science, fact, not faith, measures ideas' validity. (Editorial). Chicago Tribune, Sept. 18, 2005.
6. Dawkins, R. and J. Coyne. 2005. One side can be wrong . (Discussion of intelligent design.) The Guardian, Sept. 1, 2005. Life section, pp. 4-6.

7. Coyne, J. A. 2005. The faith that dares not speak its name: The case against Intelligent design. *The New Republic*, Aug. 22, 2005, pp. 21-33.
8. Coyne, J. A., P. Atkins, C. Blakemore, R. Dawkins, S. Jones, R. Lewontin, J. Maddox, P. Nurse, L. Partridge, J. D. Watson, S. Weinberg, and L. Wolpert. 2005. When science meets religion in the classroom. (Letter to the Editor). *Nature* 435:275.
9. Coyne, J. A. 2005. Switching on Evolution. (*Review of Endless Forms Most Beautiful* by Sean Carroll). *Nature* 435:1029-1030.
10. Coyne, J. A. 2005. Retrospective: Ernst Mayr, 2004-2005. *Science*: 307:1212-1213.
11. Coyne, J. A. 2005. Legends of Linnaeus. (Review of *Race: The Reality of Human Differences* by Vincent Sarich and Frank Miele.) *Times Literary Supplement*, London, Feb. 23, 2005, pp. 3-4 (cover article).
12. Coyne, J. A. 2004. Questions and Answers (self interview). *Current Biology* 14:825-826.
13. Coyne, J. A. 2004. The Evolutionist's Tale. (Review of *The Ancestor's Tale*, by Richard Dawkins). *Nature* 431:903-904.
14. Coyne, J. A. 2004. Charm schools. (Review of *Evolution's Rainbow*, by Joan Roughgarden). *Times Literary Supplement*, London, July 30, 2004 (No. 5287), p. 5.
15. Coyne, J. A. 2004. What produced the Habsburg lip? (Review of *Mutants* by Armand LeRoi). *Times Literary Supplement*, London. April 9, 2004, p. 32.
16. Coyne, J. A. 2003. A feather in the cap for bird breeders. (Review of *The Red Canary*, by Tim Birkhead). *Nature* 425:772.
17. Coyne, J. A. 2003. Don't mention miracles. (Review of *The Hedgehog, the Fox, and the Magister's Pox* by S. J. Gould). *Times Literary Supplement*, Oct. 10 2003, p. 30.
18. Coyne, J. A. 2003. Review of *Science and Religion: Are They Compatible?* P. Kurtz, ed. *Times Literary Supplement*, London. Aug. 1, 2003, p. 28.
19. Coyne, J. A. 2003. Doing Acid. (Review of *DNA: The Secret of Life* by J. D. Watson and A. Berry and *Watson and DNA* by V. K. McElheny). *New York Times Sunday Book Review*, June 15, 2002, pp. 11-12.
20. Coyne, J. A. 2003. Gould and God (Review of *A Devil's Chaplain*, by R. Dawkins). *Nature* 422:813-814.
21. Coyne, J. A. 2002. They shall have their rewards on earth, too. (Review of *Darwin's Cathedral* by D. S. Wilson). *Times Literary Supplement*, London. Nov. 1, 2002, p. 31

22. Coyne, J. A. 2002. Selection under pressure (Review of *Of Moths and Men*, by Judith Hooper). *Nature* 418:19-20.
23. Coyne, J. A. 2002. Intergalactic Jesus. (Review of *Can A Darwinian be A Christian. The Relationship between Science and Religion* by Michael Ruse). *London Review of Books* 24:23-24 (May 9, 2002).
24. Coyne, J. A. 2001. Between fear and worship (Review of *The Misunderstood Gene*, by Michel Morange.) *Times Literary Supplement*, London, Jan. 11, 2002, p. 9.
25. Coyne, J. A. 2001. The case of the missing *carpaccio*. (Review of *The Evolution Explosion*, by Stephen Palumbi). *Nature* 412:586-587.
26. Coyne, J. A. 2001. Creationism by stealth. (Review of *Icons of Evolution: Science or Myth*, by Johnathan Wells). *Nature* 410:745-746. .
27. Coyne, J. A. 2001. Bad behaviour. (Review of *Alas, Poor Darwin: Arguments Against Evolutionary Psychology*, edited by S. and H. Rose) *The Economist* 27 Jan. 2001, pp. 86-87.
28. Howard, D. J., J. L. Marshall, W. E. Braswell, and J. A. Coyne. 2001. Evidence from introduced salmon does not support rapid evolution of reproductive isolation in the wild. *Science* 291:1853a (www.sciencemag.org/cgi/content/full/291/5510/1853a).
29. Coyne, J. A. 2000. The gene is dead; long live the gene (Review of *The Century of the Gene*, by Evelyn Fox Keller). *Nature* 408:26-27.
30. Coyne, J. A. 2000. First Things First. (Review of *The Triumph of Evolution and the Failure of Creationism*, by N. Eldredge.) *Chicago Tribune Sunday Book Review*, July 16, 2000, pp. 4-5.
31. Coyne, J. A. 2000. Of Vice and Men. (Review of the *A Natural History of Rape*, by R. Thornhill and C. Palmer and a general discussion of evolutionary psychology). *The New Republic*, April 3, 2000, pp. 27-34.
32. Coyne, J. A. and A. Berry. 2000. Rape as an adaptation? (Review of *A Natural History of Rape*, by R. Thornhill and C. Palmer. *Nature* 404:121-122.
33. Coyne, J. A. 2000. Not an inkling. (Review of *Genome: An Autobiography of Our Species in 23 Chapters*, by Matt Ridley). *London Review of Books*, 22:13-14.
34. Coyne, J. A. 2000. Is NOMA a no man's land? (Review of *Rocks of Ages Science and Religion on the Fullness of Life* by Stephen Jay Gould). *Times Literary Supplement* (London), June 9, 2000, pp. 28-29

35. Coyne J. A. 1999. The truth is way out there (review of *The Real Science Behind the X-Files*, by A. Simon.) New York Times Sunday Book Review, Oct 10, 1999, p. 32.
36. Coyne, J. A. 1999. More Darwinian than Darwin (review of *The Darwin Wars*, by A. Brown). Times Literary Supplement (London), Sept. 10, 1999, p. 11.
37. Coyne, J. A. 1999. The self-centered meme (review of *The Meme Machine*, by S. Blackmore) Nature 398:767-768.
38. Coyne, J. A. 1998. Not black and white (review of *Melanism: Evolution in Action*, by M. E. N. Majerus). Nature 395:35-36.
39. Coyne, J.A. 1998. Stupid lion tricks (Review of *If a Lion Could Talk*, by Stephen Budianski). New York Times Sunday Book Review, Dec. 13, 1998, p. 21
40. Coyne, J. A. 1998. In the beginning. (Review of *Life: A Natural History of the first Four Billion Years on Earth* by Richard Fortey.) New York Times Sunday Book Review, April 12, 1998, p.11.
41. Coyne, J. A. and B. Charlesworth. 1997 Punctuated equilibria (technical comment). Science 276:338-340.98
42. Coyne, J. A. 1997. More crank science (Commentary on "Darwin's Black Box" by Michael Behe). Boston Review 22:27-28.
43. Coyne, J. A. and B. Charlesworth. 1996. Mechanisms of punctuated evolution (technical comment). Science 274:1748-1749
44. Coyne, J. A. 1996. God In the Details. (Review of *Darwin's Black Box*, by M. Behe). Nature 383:227-228.
45. Coyne, J. A. 1996. Speciation in action. Science 272:700-701.
46. Coyne, J. A. 1995. The genetics of speciation in *Mimulus*. Nature 376:726-727.
47. Coyne, J. A. 1995 Dobzhansky revisited. (Review of *Genetics of Natural Populations*, L. Levene, ed.) Science 269:991-992.
48. Coyne, J. A. and J.S. Jones. 1995. Sewall Wright Award: Richard C. Lewontin Amer. Natur. 146: i-vii
49. Coyne, J. A. 1994. Rules on Haldane's rule. Nature 369:189-190.
50. Coyne, J. A. 1994. Speciation by chromosomes. (Review of *Species Evolution*, by M. King). Trends Ecol. Evol 9:76-77.

51. Coyne, J. A. 1993. Recognizing species. (Review of *Evolution and the Recognition Concept of Species: Collected Writings of H. E. H. Paterson.*, S. F. McEvey, ed.) Nature 364:298.
52. Coyne, J. A. 1992. Much ado about species. (Review of *The Units of Evolution* , M. Ereshefsky, ed.) Nature 357:289-290.
53. Coyne, J. A. 1991. Toujours Gaia (letter to the Editor). Science 252:1472-1473.
54. Coyne, J. A. 1990. Endless forms most beautiful. (Review of *Genetics, Speciation, and the Founder Principle*, L. V. Giddings, K. Y. Kaneshiro, and W. W. Anderson, eds.) Nature 344:30.
55. Coyne, J. A. 1989. The European connection. (Review of *Journal of Evolutionary Biology*) Nature 341:363.
56. Coyne, J. A. 1989. A protean theory of evolution. (Review of *Macroevolutionary Dynamics*, by N. Eldredge). Nature 338:671.
57. Coyne, J. A. 1988. A couple of cross-pollinators. (Review of *Evolutionary Ecology and Trends in Ecology and Evolution*). Nature 335:467.
58. Coyne, J. A. and N. H. Barton 1988. What do we know about speciation? Nature 331:485-486
59. Coyne, J. A. 1985. Light reading on evolution. (Review of *Spires of Form* , by V.B. Scheffer.) Bioscience 35:196.
60. Coyne, J. A. 1982. Evolution for the tyro. (Review of *Darwin to DNA, Molecules to Humanity* , by G. L. Stebbins) Evolution 37:431-432.
61. Coyne, J. A. 1982. Dobzhansky's *Genetics of Natural Populations* (R.C. Lewontin, J. A. Moore, W. Provine and B. Wallace, eds.) Quart. Rev. Biol. 57:320-321.

Refereed Scientific Publications

Books

Coyne, J. A. and H. A. Orr. 2004. *Speciation*. Sunderland, Sinauer, MA. 545 pp.

Papers (in chronological order)

1. Coyne, J. A. , and B.S. Grant. 1971. Sex ratio compensation in *Drosophila*

- melanogaster* . J. Heredity 62:205-207.
2. Coyne, J. A. and B.S. Grant. 1972. Disruptive selection on I-maze activity in *Drosophila melanogaster* . Genetics 71:185-188.
 3. Coyne, J. A. 1973. An investigation of the dynamics of population growth and control in scyphistomae of the scyphozoan *Aurelia aurita* . Chesapeake Sci. 14:55-58.
 4. Coyne, J. A. 1974. The evolutionary origin of hybrid inviability. Evolution 28:505-506.
 5. Coyne, J. A. 1976. Lack of genic similarity between two sibling species of *Drosophila* as revealed by varied techniques. Genetics 84:593-607.
 6. Coyne, J. A. and A. A. Felton. 1977. Genetic heterogeneity of two alcohol dehydrogenase loci in *Drosophila pseudoobscura* and *Drosophila persimilis* . Genetics 87:285-304.
 7. Coyne, J. A. , A. A. Felton, and R.C. Lewontin. 1978. Extent of genetic variation at a highly polymorphic esterase locus in *Drosophila pseudoobscura* . Proc. Nat. Acad. Sci. USA 75:5090-5093.
 8. Coyne, J. A., and J.J. Sohn. 1978. Interspecific brood care in fishes: reciprocal altruism or mistaken identity? Amer. Natur. 112:447-450.
 9. Coyne, J. A., W.F. Eanes, J. A. M. Ramshaw, and R.K. Koehn. 1979. Electrophoretic heterogeneity of alpha-glycerophosphate dehydrogenase in many species of *Drosophila*. Syst. Zool. 28:164-175.
 10. Coyne, J. A, W.F. Eanes, and R.C. Lewontin. 1979. The genetics of electrophoretic variation. Genetics 92:353-356.
 11. Ramshaw, J. A. M., J. A. Coyne, and R.C. Lewontin. 1980. The sensitivity of gel electrophoresis as a detector of genetic variation. Genetics 93:1019-1037.
 12. Coyne, J. A., I.A. Boussy, T. Prout, J.S. Jones, S. Bryant, and J. A. Moore. 1982. Long-distance migration of *Drosophila*. Amer.Natur. 119:589-595.
 13. Coyne, J. A. 1982. Gel electrophoresis and cryptic enzyme variation. pp. 1-32 in Isozymes: Current Topics in Biological and Medical Research, vol. 7. M.C. Rattazzi, J.G. Scandalios, and G.S. Whitt, eds. Alan R. Liss, Inc., New York.
 14. Coyne, J. A., J. Bundgaard, and T. Prout. 1983. Geographic variation of tolerance to environmental stress in *Drosophila pseudoobscura* . Amer. Natur. 122:474-488.
 15. Coyne, J. A. 1983. Genetic basis of differences in genital morphology among three

- sibling species of *Drosophila*. *Evolution* 37:1101-1118.
16. Turelli, M., J. A. Coyne, and T. Prout. 1984. Habitat and food choice in orchard populations of *Drosophila*. *Biol. J. Linn. Soc.* 22:95-106.
 17. Coyne, J. A., I.A. Boussy, and S.H. Bryant. 1984. Is *Drosophila pseudoobscura* a garbage species? *Pan-Pacific Entomol.* 60:16-19.
 18. Coyne, J. A. and T. Prout. 1984. Restoration of mutationally suppressed characters in *Drosophila melanogaster*. *J. Heredity* 81:308-310.
 19. Coyne, J. A. 1984. Genetic basis of male sterility in hybrids between two closely related species of *Drosophila*. *Proc. Natl. Acad. Sci. USA* 51:4444-4447.
 20. Coyne, J. A. 1984. Correlation between heterozygosity and rate of chromosome evolution in animals. *Amer. Natur.* 123:725-729.
 21. Coyne, J. A. 1985. The genetic basis of Haldane's rule. *Nature* 314:736-738. (Subject of "News and Views": Jones, J. S. and N. Barton. 1985. Haldane's rule OK. *Nature* 314:668-669.)
 22. Coyne, J. A. and R. Lande. 1985. The genetic basis of species differences in plants. *Amer. Natur.* 126:141-145.
 23. Coyne, J. A. 1985. Genetic studies of three sibling species of *Drosophila* with relationship to theories of speciation. *Genet. Res.* 46:169-192.
 24. Coyne, J. A. and M. Kreitman. 1986. The evolutionary genetics of two sibling species of *Drosophila*. *Evolution* 40:673-691.
 25. Coyne, J. A. and B. Charlesworth. 1986. Location of an X-linked factor causing male sterility in hybrids of *Drosophila simulans* and *D. mauritiana*. *Heredity* 57:243-246.
 26. Coyne, J. A. 1986. Meiotic segregation and male recombination in interspecific hybrids of *Drosophila*. *Genetics* 114:485-494.
 27. Coyne, J. A., S.H. Bryant, and M. Turelli. 1987. Long-distance migration of *Drosophila*. 2. Presence in desolate sites and dispersal around a desert oasis. *Amer. Natur.* 129:847-861.
 28. Coyne, J. A. and B. Milstead. 1987. Long-distance migration of *Drosophila*. 3. Dispersal of *D. melanogaster* alleles from a Maryland orchard. *Amer. Natur.* 130:70-82.
 29. Coyne, J. A. 1987. Lack of response to selection for directional asymmetry in *Drosophila melanogaster*. *J. Heredity* 78:119.

30. Charlesworth, B., J. A. Coyne, and N. Barton. 1987. The relative rates of evolution of sex chromosomes and autosomes. *Amer. Natur.* 130:113-146.
31. Jones, J.S., J. A. Coyne, and L. Partridge. 1987. Estimation of the thermal niche of *Drosophila melanogaster* using a temperature-sensitive mutation. *Amer. Natur.* 130:83-90.
32. Coyne, J. A. and E. Beecham. 1987. Heritability within and among natural populations of *Drosophila melanogaster*. *Genetics* 117:727-737.
33. Coyne, J. A. 1988. Do males of *Drosophila littoralis* have free recombination? *Hereditas*, 109:281-282.
34. Coyne, J. A., H.A. Orr, and D. J. Futuyma. 1988. Do we need a new definition of species? *Systematic Zoology* 37: 190-200.
35. Coyne, J. A. and H.A. Orr. 1989. Patterns of speciation in *Drosophila*. *Evolution* 43: 362-381. [Chosen as one of ten “classic papers in evolutionary biology” given on the CD-rom in Matt Ridley’s textbook, *Evolution* (1996)]
36. Coyne, J. A., and H.A. Orr. 1989. Two rules of speciation. Pp. 180-207 in *Speciation and its consequences*. D. Otte and J. Endler, eds. Sinauer Associates, Sunderland, MA
37. Coyne, J. A. and B. Charlesworth. 1989. Genetic analysis of X-linked sterility in hybrids between three sibling species of *Drosophila*. *Heredity* 62:97-106.
38. Orr, H. A. and J. A. Coyne. 1989. The genetics of postzygotic isolation in the *Drosophila virilis* group. *Genetics* 121: 527-537.
39. Coyne, J. A. 1989. The genetics of sexual isolation in two sibling species of *Drosophila*, *D. simulans* and *D. mauritiana*. *Proc. Natl. Acad. Sci. USA* 86: 5464-5468.
40. Coyne, J. A. 1989. A test of the role of meiotic drive in chromosome evolution. *Genetics* 123:241-243.
41. Coyne, J. A. 1989. Mutation rates in hybrids between sibling species of *Drosophila*. *Heredity* 63:155-162.
42. Kirkpatrick, M., J. A. Coyne, and J. Willis. 1991. Can genetic variation be estimated from phenotypic variation? *Evolution* 45:441-444.
43. Coyne, J. A., J. G. Rux, and J. R. David. 1991. Genetic basis of morphological differences and hybrid sterility between *Drosophila sechellia* and its relatives. *Genetical Research* 57: 113-122.

44. Coyne, J. A., B. Charlesworth, and H. A. Orr. 1991. Haldane's rule revisited. *Evolution* 45: 1710-1714.
45. Anderson, W. W., J. Arnold, D. G. Baldwin, A. T. Beckenbach, C. J. Brown, S. H. Bryant, J. A. Coyne, L. G. Harshman, W. B. Heed, D. E. Jeffrey, L. B. Klaczko, B. C. Moore, J. M. Porter, J. R. Powell, T. Prout, S. W. Schaeffer, J. C. Stephens, C. E. Taylor, M. E. Turner, G. O. Williams, and J. A. Moore. 1991. Four decades of genetic change in natural populations of *Drosophila pseudoobscura*. *Proc. Nat. Acad. Sci. USA*. 88:10367-10371.
46. Coyne, J. A., S. Aulard, and A. Berry. 1991. Lack of underdominance in a naturally occurring pericentric inversion in *Drosophila melanogaster* and its implications for chromosome evolution. *Genetics* 129:791-802.
47. Coyne, J. A. 1992. The genetics of speciation. *Nature* 355:511-515.
48. Orr, H. A. and J. A. Coyne. 1992. The genetics of adaptation revisited. *Amer. Natur.* 140:725-742.
49. Coyne, J. A., J. A. Moore, B. C. Moore, J. R. Powell, and C. Taylor. 1992. Temporal stability of third chromosome inversion frequencies in *Drosophila persimilis* and *D. pseudoobscura*. *Evolution* 46:1558-1563
50. Coyne, J. A. 1992. Evolution. *The World Book Encyclopedia*. 436-444.
51. Charlesworth, B., J. A. Coyne, and H. A. Orr. 1992. Meiotic drive and unisexual hybrid sterility: a comment. *Genetics* 133:421-424.
52. Coyne, J. A. 1992. Genetics of sexual isolation in females of the *Drosophila simulans* group. *Genetical Research*, 60:25-31.
53. Coyne, J. A. and H. A. Orr. 1993. Further evidence against meiotic drive models of hybrid sterility. *Evolution* 47:685-687.
54. Coyne, J. A. 1993. The genetics of an isolating mechanism between two sibling species of *Drosophila*. *Evolution* 47:778-788.
55. Coyne, J. A., W. Meyers, A. Crittenden, and P. Sniegowski. 1993. Fitness effects of pericentric inversions in *Drosophila melanogaster*. *Genetics* 134:487-496.
56. Coyne, J. A. and A.J. Berry. 1994. Effects of the fourth chromosome on the sterility of hybrids between *Drosophila simulans* and its relatives. *Jour. Heredity* 85:224-227.
57. Coyne, J. A. 1994. Ernst Mayr on the origin of species. *Evolution* 48:19-30.

58. Coyne, J. A. 1994. Charles Robert Darwin (2pp.) Natural selection (1 p.) Spontaneous generation (1 p.). World Book Encyclopedia.
59. Coyne, J. A., A. P. Crittenden, and K. Mah. 1994. Genetics of a pheromonal difference contributing to reproductive isolation in *Drosophila*. *Science* 265:1461-1464.
60. Coyne, J. A. 1994. The genetics of personality disorder. (letter) *Am. J. Psychiatry* 152:479-480.
61. Coyne, J. A. and R. Oyama. 1995. Localization of pheromonal sexual dimorphism in *Drosophila melanogaster* and its effect on sexual isolation. *Proc. Nat. Acad. Sci. USA* 92: 9505-9509.
62. Coyne, J. A. 1996. Genetics of a difference in male cuticular hydrocarbons between *Drosophila simulans* and *D. sechellia*. *Genetics* 143:1689-1698.
63. Coyne, J. A. 1996. Genetic differences in pheromonal hydrocarbons between *Drosophila melanogaster* and *D. simulans*. *Genetics* 143:353-364.
64. Noor, M.A.F., and J. A. Coyne. 1996. Genetics of a difference in cuticular hydrocarbons between *Drosophila pseudoobscura* and *D. persimilis*. *Genetical Research* 68:117-123.
65. Coyne, J. A. 1996. Genetics of sexual isolation in male hybrids of *Drosophila simulans* and *D. mauritiana*. *Genetical Research* 68:211-220.
66. Coyne, J. A., and H. A. Orr. 1997. "Patterns of speciation in *Drosophila*" revisited. *Evolution* 51:295-303.
67. Coyne, J. A., N. H. Barton, and M. Turelli. 1997. A critique of Sewall Wright's shifting balance theory of evolution. *Evolution* 51:643-671.
68. Orr, H. A., L. D. Madden, J. A. Coyne, R. Goodwin, and R. S. Hawley. 1997. The developmental genetics of hybrid inviability: a mitotic defect in *Drosophila* hybrids. *Genetics* 45:1031-1040.
69. Partridge, L. and J. A. Coyne. 1997. Bergmann's rule in ectotherms: is it adaptive? *Evolution* 51:632-635.
70. Coyne, J. A. and B. Charlesworth. 1997. Genetics of a pheromonal difference affecting sexual isolation between *Drosophila mauritiana* and *D. sechellia*. *Genetics* 45:1015-1030.
71. R'Kha, S., B. Moreteau, J. A. Coyne, and J. R. David. 1997. Evolution of a lesser fitness trait: egg production in the specialist *Drosophila sechellia*. *Genet. Res.* 69:17-

- 23.
72. Coyne, J. A. and H. A. Orr. 1998. The evolutionary genetics of speciation. *Phil. Trans. Roy. Soc. Lond. B* 353: 287-305.. (Reprinted in revised forms in *Evolution of Biological Diversity*, eds. A. Magurran and R. M. May, Oxford University Press, 1999; pp. 1-32); and in *From Molecules to Man* [R.C. Lewontin Festschrift], eds. R. Singh and Costas Krimbas, Cambridge University Press, 2000; pp. 532-569).
73. Coyne, J. A., S. Simeonedes, and P. J. Rooney. 1998. Relative paucity of genes causing inviability in hybrids between *D. melanogaster* and *D. simulans*. *Genetics* 150:1091-1103.
74. Coyne, J. A., C. Wicker-Thomas, and J.-M. Jallon. 1999. Localization of a gene responsible for a pheromonal polymorphism in *Drosophila melanogaster*. *Genet. Res.* 73:189-203.
75. Price, C.S.C., K. A. Dyer, and J. A. Coyne. 1999. Sperm competition between *Drosophila* males involves both displacement and incapacitation. *Nature* 400:449-452 (Cover article and subject of "News and Views": Birkhead, T. 1999: Distinguished sperm in competition. *Nature* 400:406-407)
76. Coyne, J. A., M. Turelli, and N. H. Barton. 2000. Is the shifting balance process important in evolution? *Evolution* 54: 306-317
77. Price, C. S. C., C. H. Kim, J. Poluszny. and Coyne, J. 2000. Mechanisms of conspecific sperm precedence in *Drosophila*. *Evolution* 54:2028-2037
78. Coyne, J. A. and T. D. Price. 2000. Little evidence for sympatric speciation in birds. *Evolution* 54:2166-2171.
79. Kliman, R. M., P. Andolfatto, J. A. Coyne, F. Depaulis, M. Kreitman, A. J. Berry, J. McCarter, J. Wakeley, and J. Hey. 2000. The population genetics of the origin and divergence of the *Drosophila simulans* complex species. *Genetics* 156:1913-1931.
80. Takahashi, A., S.-C. Tsaur, J. A. Coyne, and C.-I. Wu. 2001. The nucleotide changes governing cuticular hydrocarbon variation and their evolution in *Drosophila melanogaster*. *Proc. Natl. Acad. Sci.* 98:3920-3925
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