

CURRICULUM VITAE

WILLIAM GRANVILLE EBERHARD

Personal dates:

Born - September 15, 1943 in Boston, Mass. USA
Married - Mary Jane West in 1967
Children - Jessica Reese, Anna Charlotte, and Andrew William
born in 1968, 1970, and

1973 Education:

Central High School, Phoenix, Arizona 1956-1961
Harvard College 1961-1965 - A.B. 1965
Harvard University 1965-1969 - PhD in Biology 1969
(thesis: "The spider *Uloborus diversus* and its web")

Job Experience

Universidad del Valle, Cali, Colombia 1969-1979
Universidad de Costa Rica, San Jose, Costa Rica (half time)
1979-2013
Smithsonian Tropical Research Institute (staff biologist)
(half time) 1979-present

Professional Societies

Cambridge Entomological Society (President 1968-1969)
British Arachnological Society
American Arachnological Society
Association for Tropical Biology
Sociedad Colombiana de Entomología (founding member)
Bombay Natural History Society (Life member)
Kansas Entomological Society

Awards and Honors

Richmond Fellowship in Animal Behavior, Harvard 1966-1969
Summer Fellow E. N. Huyck Preserve 1968
Distinguished Visiting Scientist, Museum of Zoology, University of Michigan 1982
Associate in Invertebrate Zoology in the Museum of Comparative Zoology, Harvard 1984-2004
Board of Directors, American Arachnological Society 1986-1988
Fellow American Academy of Arts and Sciences 2000
Académico Correspondiente, National Academy of Sciences of Costa Rica 2002
Honorary Member, International Society of Arachnology 2007
Distinguished Teaching Award, Animal Behavior Society 2010
Miembro Honorario, Sociedad Científica Mexicana de Ecología 2011
Fellow, Animal Behavior Society 2012

Languages

English: read, write and speak - excellent
Spanish: read, write and speak - excellent
Portuguese: read - fair
German: read - poor
French: read - poor

Editorial Board

Journal of Arachnology
Journal of Tropical Biology
Ethology Ecology and Evolution
Tropical Zoology
Revista de Biología Tropical

1. Eberhard, W. G. 1967. Attack behavior of diguetid spiders and the origin of prey wrapping in spiders. *Psyche* 74(2): 173–181.

1969

2. Eberhard, W. G. 1969. Computer simulation of orb-web construction. *American Zoologist*, 9(1): 229.

3. Eberhard, W.G. & Levi, H. W. 1969. Review: Silk Making. *Science* 164(3882): 941-942.

4. Langer, R. M. & Eberhard, W. G. 1969. Laboratory photography of spider silk. *American Zoologist* 9(1): 97.

1970

5. Eberhard, W. G. 1970. The natural history of the fungus gnats *Leptomorphus bifasciatus* (Say) and *L. subcaeruleus* (Coquillett)(Diptera: Mycetophilidae). *Psyche* 77(3): 361–384.

6. Eberhard, W. G. 1970. The predatory behavior of two wasps, *Agenoideus humilis* (Pompilidae) and *Sceliphron caementarium* (Sphecidae), on the orb weaving spider, *Araneus cornutus* (Araneidae). *Psyche* 77(2) 243–251.

1971

7. Eberhard, W. G. 1971. Senile web patterns in *Uloborus diversus* (Araneae: Uloboridae). *Developmental Psychobiology* 4(3) 249–254. doi:10.1002/dev.420040303

8. Eberhard, W. G. 1971. The ecology of the web of *Uloborus diversus* (Araneae: Uloboridae). *Oecologia* 6(4) 328–342.

1972

9. Eberhard, W. G. 1972. Observations on the biology of *Achaearanea tessellata* (Araneae: Theridiidae). *Psyche* 79(3): 209–212.

10. Eberhard, W. G. 1972. The web of *Uloborus diversus* (Araneae: Uloboridae). *Journal of Zoology* 166(4): 417–465.

11. Eberhard, W. G. 1972. Altruistic behavior in a sphecid wasp: support for kin-selection theory. *Science* 175(4028) 1390-1391.

1973

12. Eberhard, W. G. 1973. The ability of a spitting spider, *Scytodes hebraica*, to capture flying prey. *Entomological News* 84 156.

13. Eberhard, W. G. 1973. Stabilimenta on the webs of *Uloborus diversus* (Araneae: Uloboridae) and other spiders. *Journal of Zoology* 171(3) 367–384.

1974

14. Eberhard, W. G. 1974. The natural history and behaviour of the wasp *Trigonopsis cameronii* Kohl (Sphecidae). *Transactions of the Royal Entomological Society of London*, 125(3): 295–328. doi:10.1111/j.1365-2311.1973.tb00545.x

15. Eberhard, W. G. 1974. Maternal behavior in a South American *Lyssomanes*. *Bulletin of the British Arachnological Society* 3(2): 51.

1975

16. Eberhard, W. G. 1975. The ecology and behavior of a subsocial pentatomid bug and two scelionid wasps: strategy and counterstrategy in a host and its parasites. *Smithsonian Contributions to Zoology* 205: 1-39.

17. Eberhard, W. G. 1975. The 'inverted ladder' orb web of *Scoloderus* sp. and the intermediate orb of *Eustala* (?) sp. (Araneae: Araneidae). *Journal of Natural History* 9(1): 93–106.

18. Eberhard, W. G. 1975. Insectos y hongos que atacan al chinche del cacao, *Antiteuchus tripterus* (Pentatomidae). *Revista de la Facultad de Agronomía, Medellin*.

1976

19. Eberhard, W. G. 1976. Photography of orb webs in the field. *Bulletin of the British Arachnological Society* 3(7), 200–204.

20. Eberhard, W. G. 1976. Physical properties of sticky spirals and their connections: sliding connections in orb webs. *Journal of Natural History* 10(5): 481–488.

21. Eberhard, W. G. 1976. The webs of newly emerged *Uloborus diversus* and of a male *Uloborus* sp. (Araneae: Uloboridae). *Journal of Arachnology* 4:201-206.

1977

22. Eberhard, W. G. 1977. Fighting behavior of male *Golofa porteri* beetles (Scarabeidae: Dynastinae). *Psyche* 84(3-4): 292–298.

23. Eberhard, W. G. 1977. 'Rectangular orb' webs of *Synotaxus* (Araneae: Theridiidae). *Journal of Natural History* 11(5): 501-507. doi:10.1080/00222937700770431

24. Eberhard, W. G. 1977. La ecología y comportamiento de los adultos del cucarrón *Podischnus agenor*. *Revista Colombiana de Entomología* 3(1-2): 17–21.

25. Eberhard, W. G. 1977. Artificial spider webs. *Bulletin of the British Arachnological Society* 4(3): 126–128.

26. Eberhard, W. G. 1977. The webs of newly emerged *Uloborus diversus* and of a male *Uloborus* sp.(Araneae: Uloboridae). *Journal of Arachnology* 4: 201–206.

27. Eberhard, W. G. 1977. Natural history of immature stages of the microlepidopteran *Stathmopoda filicula* Clarke. *Entomological News* 89: 54-55.

28. Eberhard, W. G. 1977. Aggressive chemical mimicry by a bolas spider. *Science* 198(4322): 1173-1175.

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29. Eberhard, W. G. 1978. Mating swarms of a South American *Acropygia* (Hymenoptera: Formicidae). *Entomological News* 89(1/2): 14–16.

30. Eberhard, W. G., Barreto, M. & Pfizenmaier, W. 1978. Web robbery by mature male orb-weaving spiders. *Bulletin of the British Arachnological Society* 4(5): 228–230.

31. Lubin, Y. D., Eberhard, W. G. & Montgomery, G. B. 1978. Webs of *Miagrammopes* (Araneae: Uloboridae) in the neotropics. *Psyche* 85(1): 1–23.

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32. Eberhard, W. G. 1979. *Argyrodes attenuatus* (Theridiidae): a web that is not a snare. *Psyche* 86(4): 407–414.
33. Eberhard, W. G. 1979. Spider and their kin [Review of: Arachnology, edited by P. Merrett]. *Science* 204(4391): 399.
34. Eberhard, W. G. 1979. The function of horns in *Podischnus agenor* (Dynastinae) and other beetles. *Sexual selection and reproductive competition in insects* 463: 231–258.
35. Eberhard, W. G. 1979. Rates of egg production by tropical spiders in the field. *Biotropica* 11(4): 292–300.
36. Lahmann-Zeledón, E. J. & Eberhard, W. G. 1979. Factores selectivos que afectan la tendencia a agruparse en la araña colonial *Philoponella semiplumosa* (Araneae; Uloboridae). *Revista de Biología Tropical* 27(2): 231–240.

1980

37. Chacón, P. & Eberhard, W. G. 1980. Factors affecting numbers and kinds of prey caught in artificial spider webs, with considerations of how orb webs trap prey. *Bulletin of the British Arachnological Society* 5(1): 29–38.
38. Eberhard, W. 1980. Horned beetles. *Scientific American* 242(3): 124–131.
39. Eberhard, W. G. 1980. The natural history and behavior of the bolas spider, *Mastophora dizzydeani* sp. n. (Araneae). *Psyche* 87(3–4): 143–170.
40. Eberhard, W. G. 1980. Evolutionary consequences of intracellular organelle competition. *The Quarterly Review of Biology* 55(3): 231–249.
41. Eberhard, W. G. 1980. Spider and fly play cat and mouse. *Natural History* 56–61.
42. Eberhard, W. G. 1980. Persistent stickiness of cribellum silk. *Journal of Arachnology* 8(3): 283.

1981

43. Eberhard, W. G. 1981. The natural history of *Doryphora* sp.(Coleoptera, Chrysomelidae) and the function of its sternal horn. *Annals of the Entomological Society of America* 74(5): 445–448.
44. Eberhard, W. G. 1981. Construction behaviour and the distribution of tensions in orb webs. *Bulletin of the British Arachnological Society* 5(5): 189–204.
45. Eberhard, W. G. 1981. Notes on the natural history of *Taczanowskia* sp.(Araneae: Araneidae). *Bulletin of the British Arachnological Society* 5(4): 175–176.
46. Eberhard, W. G. 1981. The single line web of *Phoroncidia studo* Levi (Araneae: Theridiidae): a prey attractant? *Journal of Arachnology* 9: 229–232.

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47. Eberhard, W.G. 1982. Review: Behavior of Arachnids. *Science* 216(4548): 876–877.
48. Eberhard, W. G. 1982. Beetle horn dimorphism: making the best of a bad lot. *The American Naturalist* 119(3): 420–426.
49. Eberhard, W. G. 1982. Behavioral characters for the higher classification of orb-weaving spiders. *Evolution* 36(5): 1067–1095.
50. Eberhard, W. G. & J. Matthews. 1982. Grooming in the fly *Phormia*. In: J.R. Matthews; R.W. Matthews (Ed.), *Insect Behavior* pp. 203–210. Boulder, Colorado: Westview Press.
51. Lubin, Y. D., Opell, B. D., Eberhard, W. G. & Levi, H. W. 1982. Orb plus cone-webs in Uloboridae (Araneae), with a description of a new genus and four new species. *Psyche* 89(1–2): 29–64.

1983

52. Castillo, J. & Eberhard, W. G. 1983. Use of artificial webs to determine prey available to orb weaving spiders. *Ecology* 64(6): 1655–1658.
53. Eberhard, W. G. 1983. Predatory behaviour of an assassin spider, *Chorizopes* sp.(Araneidae), and the defensive behavior of its prey. *Journal of the Bombay Natural History Society* 79(3): 522–524.
54. Eberhard, W. G. & Briceño, R. D. 1983. Chivalry in pholcid spiders. *Behavioral Ecology and Sociobiology* 13: 189–195.
55. Eberhard, W. G. 1983. Behavior of adult bottle brush weevils (*Rhinostomus barbirostris*)(Coleoptera: Curculionidae). *Revista de Biología Tropical* 31(2): 233–244.

1984

56. Opell, B. D. & Eberhard, W. G. 1984. Resting postures of orb-weaving uloborid spiders (Araneae, Uloboridae). *Journal of Arachnology* 11: 369–376.

1985

57. Eberhard, W. G. 1985. The «sawtoothed» orb web of *Eustala* sp.(Araneae, Araneidae), with a discussion of ontogenetic changes in spiders' web-building behavior. *Psyche* 92(1): 105–118.
58. Eberhard, W. G. 1985. *Sexual selection and animal genitalia*. Cambridge: Harvard University Press.
59. Eberhard, W. G. & Briceño, R. D. 1985. Behavior and ecology of four species of *Modisimus* and *Blechnroscelis* (Araneae, Pholcidae). *Revue Arachnologique* 6(1): 29–36.

1986

60. Eberhard, W.G. 1986. Why are genitalia good species characters? Pp. 53–59 in William G. Eberhard, Yael D. Lubin, Barbara C. Robinson., eds., *Proceedings of the Ninth International Congress of Arachnology, Panamá 1983*. Smithsonian Press, Washington, D.C.
57. Eberhard, W.G. 1986. Effects of orb-web geometry on prey interception and retention. Pp. 70–100 in W. A. Shear (ed.) *Spiders Webs, Behaviour and Evolution*. Palo Alto: Stanford University Press.
58. Eberhard, W.G. 1986. Behavioral ecology of the tropical damselfly *Hetaerina macropus* Selys (Zygoptera: Calopterygidae). *Odonatologica* 15(1): 51–60.
59. Eberhard, W.G. 1986. Ontogenetic changes in the web of *Epeirotypus* sp.(Araneae, Theridiosomatidae). *Journal of Arachnology*, 14(1): 125–128.
60. Eberhard, W.G. 1986. Pupation in mycetophilid flies: a correction. *Psyche* 93(1–2): 117–120.

61. Eberhard, W.G. 1986. Possible mutualism between females of the subsocial membracid *Polyglypta dispar* (Homoptera). *Behavioral Ecology and Sociobiology* 19(6): 447–453.
62. Eberhard, W.G. 1986. Trail line manipulation as a character for higher level spider taxonomy. Pp. 49-51 in W. G. Eberhard, Y. D. Lubin & B. C. Robinson (eds.) *Proceedings of the Ninth International Congress of Arachnology, Panamá 1983*. Washington D.C.: Smithsonian Institution Press.
63. Eberhard, W. G. 1986. Subsocial behaviour in the spitting spider *Scytodes intricata* (Araneae: Scytodidae). *Revue Arachnologique* 7(1): 35–40.
64. Philippi, T. & Eberhard, W. G. 1986. Foraging behavior of *Stictia signata* (Hymenoptera: Sphecidae). *Journal of the Kansas Entomological Society* 59(4): 604–608.

1987

65. Briceno, R. D. & Eberhard, W. G. 1987. Genetic and environmental effects on wing polymorphisms in two tropical earwigs (Dermaptera: Labiidae). *Oecologia* 74(2): 253–255.
66. Eberhard, W.G. 1987. Maternal behavior in *Apollophanes punctipes* (O. Pickard-Cambridge)(Araneae, Thomisidae). *Journal of Arachnology* 14: 398.
67. Eberhard, W.G. 1987. How spiders initiate airborne lines. *Journal of Arachnology* 15: 1–9.
68. Eberhard, W.G. 1987. Web-building behavior of anapid, symphytognathid and mysmenid spiders (Araneae). *Journal of Arachnology* 14: 339–356.
69. Eberhard, W.G. 1987. Hub construction by *Leucauge mariana* (Araneae, Araneidae). *Bulletin of the British Arachnological Society* 7(4): 128–132.
70. Eberhard, W.G. 1987. Runaway sexual selection. *Natural History* 96(12): 4-8.
71. Eberhard, W.G. 1987. Effects of gravity on temporary spiral construction by *Leucauge mariana* (Araneae: Araneidae). *Journal of Ethology* 5(1): 29–36.
72. Eberhard, W.G. 1987. Use of horns in flights by the dimorphic males of *Ageopsis nigricollis* (Coleoptera, Scarabeidae, Dynastinae). *Journal of the Kansas Entomological Society* 60(4): 504-509.
73. Eberhard, W.G. 1987. Construction behavior of non-orb weaving cribellate spiders and the evolutionary origin of orb webs. *Bulletin of the British Arachnological Society* 7(6): 175–178.

1988

74. Eberhard, W. G. 1988. Aspectos ecológicos del manejo integrado de plagas. Pp. 22-23 in *Seminario sobre Manejo Integrado de Plagas*, San José, Costa Rica. Serie Técnica. Informe Técnico (81).
75. Eberhard, W. G. 1988. Paradoxical post-coupling courtship in *Himantigera nigrifemorata* (Diptera, Stratiomyidae). *Psyche* 95 (1-2): 115–122.
76. Eberhard, W. G. 1988. Behavioral flexibility in orb web construction: effects of supplies in different silk glands and spider size and weight. *Journal of Arachnology* 16(3): 295–302.
77. Eberhard, W. G. 1988. Combing and sticky silk attachment behaviour by cribellate spiders and its taxonomic implications. *Bulletin of the British Arachnological Society* 7(8): 247–251.
78. Eberhard, W. G. 1988. Group nesting in two species of *Euglossa* bees (Hymenoptera: Apidae). *Journal of the Kansas Entomological Society* 61(4): 406–411.
79. Eberhard, W. G. 1988. Memory of distances and directions moved as cues during temporary spiral construction in the spider *Leucauge mariana* (Araneae: Araneidae). *Journal of Insect Behavior* 1(1): 51–66.
80. Wcislo, W. T., West-Eberhard, M. J. & Eberhard, W. G. 1988. Natural history and behavior of a primitively social wasp, *Auplopus semialatus*, and its parasite, *Irenangelus eberhardi* (Hymenoptera: Pompilidae). *Journal of Insect Behavior* 1(3): 247–260.

1989

82. Eberhard, W. G. 1989. Why do bacterial plasmids carry some genes and not others? *Plasmid* 21(3): 167–174.
83. Eberhard, W. G. 1989. Use of host aggregations as mating sites by *Chrysagria alticophaga* (Diptera: Sarcophagidae). *Psyche* 96(1-2): 45–48.
84. Eberhard, W. G. 1989. Niche expansion in the spider *Wendilgarda galapagensis* (Araneae, Theridiosomatidae) on Cocos Island. *Revista de Biología Tropical* 37(2): 163–168.
85. Eberhard, W. G. 1989. Effects of orb web orientation and spider size on prey retention. *Bulletin of the British Arachnological Society* 8(2) 45–48.
86. Wcislo, W. T. & Eberhard, W. G. 1989. Club fights in the weevil *Macromerus bicinctus* (Coleoptera: Curculionidae). *Journal of the Kansas Entomological Society* 62(4): 421–429.

1990

87. Eberhard, W.G. 1990. Imprecision in the behavior of *Leptomorphus* sp.(Diptera, Mycetophilidae) and the evolutionary origin of new behavior patterns. *Journal of Insect Behavior* 3(3): 327–357.
88. Eberhard, W.G. 1990. Copulatory courtship in the wasp *Eumenes consobrinus* (Hymenoptera, Vespidae). *Journal of the Kansas Entomological Society* 63: 342-343.
89. Eberhard, W.G. 1990. Early stages of orb construction by *Philoponella vicina*, *Leucauge mariana*, and *Nephila clavipes* (Araneae, Uloboridae and Tetragnathidae), and their phylogenetic implications. *Journal of Arachnology* 18(2): 205–234.
90. Eberhard, W.G. 1990. Function and phylogeny of spider webs. *Annual Review of Ecology and Systematics* 21: 341–372.
91. Eberhard, W.G. 1990. Evolution in bacterial plasmids and levels of selection. *Quarterly Review of Biology* 65(1): 3–22.
92. Eberhard, W. G. 1990. Genitalic Courtship in *Acmaeodera impluviata* (Coleoptera: Buprestidae). *Journal of the Kansas Entomological Society* 63(2): 340-342.

93. Santana, M., Eberhard, W. G., Bassey, G., Prestwich, K. N. & Briceño, R. D. 1990. Low predation rates in the field by the tropical spider *Tengella radiata* (Araneae: Tenggellidae). *Biotropica* 22(3): 305–309.

1991

94. Eberhard, W. G. 1991. Book review: Insect Defenses. *Journal of Insect Behavior* 4: 410–411.

95. Eberhard, W.G. 1991. *Chrosiothes tonala* (Araneae, Theridiidae): a web-building spider specializing on termites. *Psyche* 98(1): 7–20.

96. Eberhard, W.G. & Gutierrez, E. E. 1991. Male dimorphisms in beetles and earwigs and the question of developmental constraints. *Evolution* 45(1): 18–28.

97. Eberhard, W.G., 1991. Artificial insemination: Can appropriate stimulation improve success rates? *Medical Hypotheses* 36(2): 152–154. doi:10.1016/0306-9877(91)90259-2

1992

98. Eberhard, W.G. 1992. Species isolation, genital mechanics, and the evolution of species-specific genitalia in three species of *Macroductylus* beetles (Coleoptera, Scarabaeidae, Melolonthinae). *Evolution* 46(6): 1774–1783.

99. Eberhard, W.G. 1992. Web construction by *Modisimus* sp. (Araneae, Pholcidae). *Journal of Arachnology* 20: 25–34.

100. Eberhard, W. G. 1992. Copulatory courtship and notes on the natural history of *Ochthera occidentalis* Clausen (Diptera: Ephydriidae). *The Pan-Pacific Entomologist* 68(4): 261–267.

101. Eberhard, W. G. 1992. Notes on the ecology and behavior of *Physocyclus globosus* (Araneae, Pholcidae). *Bulletin of the British Arachnological Society*. 9:38–42.

1993

100. Eberhard, W.G. 1993. Copulatory courtship and morphology of genitalic coupling in seven *Phyllophaga* species (Coleoptera: Melolonthidae). *Journal of Natural History* 27(3): 683–717. doi:10.1080/00222939300770401

101. Eberhard, W. G. 1993. Copulatory courtship and genital mechanics of three species of *Macroductylus* (Coleoptera: Scarabaeidae, Melolonthinae). *Ethology, Ecology and Evolution* 5(1): 19–63.

102. Eberhard, W. G. 1993. Mating behavior in *Charidotella* sp. nr. *sempunctata* (Coleoptera: Chrysomelidae: Cassidinae). *The Coleopterists' Bulletin* 4(1): 37–38.

103. Eberhard, W. G. 1993. Evaluating models of sexual selection: genitalia as a test case. *The American Naturalist* 142(3): 564–571.

104. Eberhard, W. G. & Pereira, F. 1993. Ultrastructure of cribellate silk of nine species in eight families and possible taxonomic implications (Araneae: Amaurobiidae, Deinopidae, Desidae, Dictynidae, Filistatidae, Hypochilidae, Stiphidiidae, Tenggellidae). *Journal of Arachnology* 21: 161–174.

105. Eberhard, W.G., Achoy, R., Marin, M. & Ugalde, J. 1993. Natural history and behavior of two species of *Macrohaltica* (Coleoptera: Chrysomelidae). *Psyche* 100(1-2): 93–120.

106. Eberhard, W.G., Guzmán-Gómez, S. & Catley, K. M. 1993. Correlation between spermathecal morphology and mating systems in spiders. *Biological Journal of the Linnean Society* 50(3): 197–209. doi:10.1111/j.1095-8312.1993.tb00926.x

107. Eberhard, W.G., Platnick, N. I. & Schuh, R. T. 1993. Natural history and systematics of arthropod symbionts (Araneae; Hemiptera; Diptera) inhabiting webs of the spider *Tengella radiata* (Araneae, Tenggellidae). *American Museum Novitates* 3065: 1–17.

108. Eberhard, W.G. 1993. Functional significance of some secondary sexual characters in three species of *Macroductylus* (Coleoptera: Melolonthidae). *The Coleopterists Bulletin* 47(1): 53–60.

109. Eberhard, W.G. & Pereira, F. 1993. Functions of the male genitalic surstyli in the Mediterranean fruit fly, *Ceratitidis capitata* (Diptera: Tephritidae). *Journal of the Kansas Entomological Society* 66(4): 427–433.

1994

110. Eberhard, W.G. 1994. Book Review: The encyclopedia of land invertebrate behaviour. *The Quarterly Review of Biology* 69(4): 559–560.

111. Eberhard, W.G. 1994. Evidence for widespread courtship during copulation in 131 species of insects and spiders, and implications for cryptic female choice. *Evolution* 48(3): 711–733.

112. Rodriguez, R. L. & Eberhard, W. G. 1994. Male courtship before and during copulation in two species of *Xyonyssius* bugs (Hemiptera, Lygaeidae). *Journal of the Kansas Entomological Society* 67(1): 37–45.

1995

113. Briceño, R. D. & Eberhard, W. G. 1995. The functional morphology of male cerci and associated characters in 13 species of tropical earwigs (Dermaptera: Forficulidae, Labiidae, Carcinophoridae, Pygidicranidae). *Smithsonian Contributions to Zoology* 555(I-III): 1–63.

114. Eberhard, W.G. 1995. Book review: *Sexual Selection*, by M. Anderson. *Animal Behaviour* 50(2): 564–565.

115. Eberhard, W.G. 1995. The web and building behavior of *Synotaxus ecuadorensis* (Araneae, Synotaxidae). *Journal of Arachnology* 23(1): 25–30.

116. Eberhard, W.G. & Cordero, C. 1995. Sexual selection by cryptic female choice on male seminal products—a new bridge between sexual selection and reproductive physiology. *Trends in Ecology & Evolution* 10(12): 493–496.

117. Eberhard, W.G. & Pereira, F. 1995. The process of intromission in the Mediterranean fruit fly, *Ceratitidis capitata* (Diptera: Tephritidae). *Psyche* 102(3–4): 99–120.

118. Hormiga, G., Eberhard, W. G. & Coddington, J. A. 1995. Web-construction behavior in Australian *Phonognatha* and the phylogeny of Nephilinae and tetragnathid spiders (Araneae, Tetragnathidae). *Australian Journal of Zoology* 43(4): 313–364.

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119. Briceño, R. D., Ramos, D. & Eberhard, W. G. 1996. Courtship behavior of male *Ceratitis capitata* (Diptera: Tephritidae) in captivity. *Florida Entomologist* 79(2): 130–143.
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122. Eberhard, W.G. & Marin, M. C. 1996. Sexual behavior and the enlarged hind legs of male *Megalopus armatus* (Coleoptera, Chrysomelidae, Megalopodinae). *Journal of the Kansas Entomological Society* 69(1): 1–8.
123. Eberhard, W.G. & Pereira, F. 1996. Functional morphology of male genitalic surstyli in the dungflies *Achiseopsis diversiformis* and *A. ecalcarata* (Diptera: Sepsidae). *Journal of the Kansas Entomological Society* 69(4 suppl): 43–60.

1997

124. Eberhard, W.G. 1997. Sexual selection by cryptic female choice in insects and arachnids. pp. 32-57 in J. C. Choe & B. J. Crespi (eds.) *The evolution of mating systems in insects and arachnids*. New York: Cambridge University Press.
125. Eberhard, W.G. 1997. Grave-robbing by male *Eulaema seabrai* bees (Hymenoptera: Aphidae). *Journal of the Kansas Entomological Society* 70(1): 66.
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