

Daphne J. Fairbairn Publications

1) Books

- Fox, C. W., Roff, D. A. and D. J. Fairbairn. 2001. (eds.) *Evolutionary Ecology. Concepts and Case Studies*. Oxford University Press, New York.
- Fairbairn, D. J., Blanckenhorn, W. U. and T. Szekely. 2007 (eds.) *Sex, Size and Gender Roles. Evolutionary Studies of Sexual Size Dimorphism*. Oxford University Press.
- Fairbairn, D. J. 2013. *Odd Couples. Extraordinary Differences between the Sexes in the Animal Kingdom*. Princeton University Press, Princeton and Oxford.

2) Journal articles

1. Fairbairn, D. J. 1977. The spring decline in deermice: Death or dispersal? *Canadian Journal of Zoology* 55: 84-92.
2. Fairbairn, D. J. 1977. Why breed early? A study of reproductive tactics in *Peromyscus maniculatus*. *Canadian Journal of Zoology* 55: 862-871.
3. Fairbairn, D. J. 1978. Dispersal of deermice, *Peromyscus maniculatus*: Proximal causes and effects on fitness. *Oecologia* 32: 171-193.
4. Fairbairn, D. J. 1978. Behaviour of dispersing deermice, *Peromyscus maniculatus*. *Behavioural Ecology and Sociobiology* 3: 265-282.
5. Fairbairn, D. J. and D. A. Roff, 1980. Testing genetic models of isozyme variability without breeding data: Can we depend on the χ^2 ? *Canadian Journal of Fisheries and Aquatic Sciences* 37: 1149-1159.
6. Roff, D. A. and D. J. Fairbairn, 1980. An evaluation of Gulland's method for fitting the Schaefer model. *Canadian Journal of Fisheries and Aquatic Sciences* 37: 1229-1235.
7. Fairbairn, D. J. 1981. Biochemical genetic analysis of population differentiation in Greenland Halibut (*Reinhardtius hippoglossoides*) from the Northwest Atlantic, Gulf of St. Lawrence, and Bering Sea. *Canadian Journal of Fisheries and Aquatic Sciences* 38: 667-669.
8. Fairbairn, D. J. 1981. Which witch is which? A study of the stock structure of witch flounder (*Glyptocephalus cynoglossus*) in the Newfoundland region. *Canadian Journal of Fisheries and Aquatic Sciences* 38: 782-794.
9. Fairbairn, D. J. 1984. Microgeographic variation in body size and development time in the waterstrider, *Limnoporus notabilis*. *Oecologia* 61: 126-133.
10. Fairbairn, D. J. 1985. A test of the hypothesis of compensatory upstream dispersal using a stream-dwelling waterstrider, *Gerris remigis* Say. *Oecologia* 66:147-153. Fairbairn, D. J. 1985. Comparative ecology of *Gerris remigis* (Hemiptera, Heteroptera) in two habitats: a paradox of habitat choice. *Canadian Journal of Zoology* 63:2594-2603.
11. Fairbairn, D. J. 1985. Comparative ecology of *Gerris remigis* (Hemiptera, Heteroptera) in two habitats: a paradox of habitat choice. *Canadian Journal of Zoology* 63:2594-2603.
12. Fairbairn, D. J. 1986. Does alary dimorphism imply dispersal dimorphism in the waterstrider, *Gerris remigis*? *Ecological Entomology* 11:355-368.
13. Fairbairn, D. J. and L. Desranleau, 1987. Flight threshold, wing muscle histolysis and alary polymorphism: Correlated traits for dispersal tendency in the Gerridae. *Ecological Entomology* 12:13-24.
14. Fairbairn, D. J. and J. Brassard, 1988. Dispersion and spatial orientation of *Gerris remigis* (Hemiptera, Gerridae) in response to water current. A comparison of pre- and post-diapause adults. *Physiological Entomology* 13:153-164.
15. Fairbairn, D. J. 1988. Adaptive significance of wing dimorphism in the absence of dispersal: a comparison of wing morphs in the waterstrider, *Gerris remigis*. *Ecological Entomology* 13:273-281.

16. Fairbairn, D. J. 1988. Sexual selection for homogamy in the gerridae: an extension of Ridley's comparative approach. *Evolution* 42:1212-1222.
17. Fairbairn, D. J. 1990. Factors influencing sexual size dimorphism in the temperate Gerrinae. *American Naturalist* 136: 61-86.
18. Fairbairn, D. J. and T. Butler, 1990. Correlated traits for migration in the Gerridae (Hemiptera, Heteroptera): a field test. *Ecological Entomology* 15:131-142.
19. Fairbairn, D. J. and D. A. Roff, 1990. Genetic correlations among traits determining migratory tendency in the sand cricket, *Gryllus firmus*. *Evolution* 44: 1787-1795.
20. Roff, D. A. and D. J. Fairbairn, 1991. Wing dimorphisms and the evolution of migratory polymorphisms among the Insecta. *American Zoologist* 31: 243-251.
21. Fairbairn, D. J. 1992. The origins of allometry: size and shape polymorphism in the common waterstrider, *Gerris remigis* Say. *Biological Journal of the Linnean Society* 45: 167-186.
22. Preziosi, R. F. and D. J. Fairbairn, 1992. Genetic population structure and levels of gene flow in the stream-dwelling waterstrider, *Aquarius (= Gerris) remigis* (Hemiptera: Gerridae). *Evolution* 46: 430-444.
23. Fairbairn, D. J., 1993. The costs of loading associated with mate-carrying in the waterstrider, *Aquarius remigis*. *Behavioral Ecology* 4: 224-231.
24. Gallant, S. L., Preziosi, R. F. and D. J. Fairbairn, 1993. Clinal variation in eastern populations of the waterstrider, *Aquarius remigis*: Gradual intergradation or discontinuity? *Evolution* 47: 957-964.
25. Roff, D. A. and D. J. Fairbairn, 1993. The evolution of alternate morphologies: Fitness and wing morphology in male sand crickets. *Evolution* 47:1572-1584.
26. Fairbairn, D. J. and R. F. Preziosi, 1994. Sexual selection and the evolution of allometry for sexual size dimorphism in the waterstrider, *Aquarius remigis*. *American Naturalist* 144:101-118. Weigensberg, I. and D. J. Fairbairn, 1994. Conflicts of interest between the sexes: a study of mating interactions in a semiaquatic bug. *Animal Behaviour* 48:893-901.
27. Weigensberg, I. and D. J. Fairbairn, 1994. Conflicts of interest between the sexes: a study of mating interactions in a semiaquatic bug. *Animal Behaviour* 48:893-901.
28. Fairbairn, D. J. 1994. Wing dimorphism and the migratory syndrome: correlated traits for dispersal tendency in wing dimorphic insects. *Researches in Population Ecology* 36:157-163.
29. Brennan, J. M. and D. J. Fairbairn, 1995. Clinal variation in morphology among eastern populations of the waterstrider, *Aquarius remigis* Say (Hemiptera: Gerridae). *Biological Journal of the Linnean Society* 54:151-171.
30. Blanckenhorn, W. U. and D. J. Fairbairn, 1995. Life history adaptation along a latitudinal cline in the water strider, *Aquarius remigis* (Heteroptera: Gerridae). *Journal of Evolutionary Biology* 8:21-41.
31. Blanckenhorn, W. U., Preziosi, R. F. and D. J. Fairbairn, 1995. Time and energy constraints and the evolution of sexual size dimorphism - to eat or to mate? *Evolutionary Ecology* 9:369-381.
32. Weigensberg, I. and D. J. Fairbairn, 1996. The sexual arms race and phenotypic correlates of mating success in the waterstrider, *Aquarius remigis* (Hemiptera: Gerridae). *Journal of Insect Behavior* 9:307-318.
33. Fairbairn, D. J. and R. F. Preziosi, 1996. Sexual selection and the evolution of sexual dimorphism in the waterstrider, *Aquarius remigis*. *Evolution* 50:1549-1559.
34. Preziosi, R. F. and D. J. Fairbairn, 1996. Sexual size dimorphism and selection in the wild in the waterstrider *Aquarius remigis*: Body size, components of body size and male mating success. *Journal of Evolutionary Biology* 9:317-336.
35. Gallant, S. L. and D. J. Fairbairn, 1996. A new species of *Aquarius* from the southeastern U. S., with electrophoretic analysis of the clade containing *Gerris*, *Limnoporus*, and *Aquarius*. *Annals of the Entomological Society of America* 89: 637-644.
36. Preziosi, R. F., Fairbairn, D. J., Roff, D. A. and J. M. Brennan, 1996. Body size and fecundity in the waterstrider *Aquarius remigis*: A test of Darwin's fecundity advantage hypothesis. *Oecologia* 108: 424-431.
37. Reeve, J. P. and D. J. Fairbairn, 1996. Sexual size dimorphism as a correlated response to selection on body size: An empirical test of the quantitative genetic model. *Evolution* 50: 1927-1938.

38. Fairbairn, D. J. 1997. Allometry for sexual size dimorphism: Pattern and process in the coevolution of body size in males and females. *Annual Review of Ecology and Systematics* 28: 659-687.
39. Abouheif, E. and D. J. Fairbairn, 1997. A comparative analysis of allometry for sexual dimorphism: Assessing Rensch's Rule. *American Naturalist* 149:540-562.
40. Gallant, S. L. and D. J. Fairbairn, 1997. Patterns of postmating reproductive isolation in a newly-discovered species pair, *Aquarius remigis* and *A. remigoides* (Hemiptera; Gerridae). *Heredity* 78:571-577.
41. Preziosi, F. P. and D. J. Fairbairn, 1997. Sexual size dimorphism and selection in the wild in the waterstrider *Aquarius remigis*: lifetime fecundity selection on female total length and its components. *Evolution* 51:467-474.
42. Fairbairn, D. J. and D. E. Yadlowski, 1997. Coevolution of traits determining migratory tendency: correlated response of a critical enzyme, juvenile hormone esterase, to selection on wing morphology. *Journal of Evolutionary Biology* 10: 495-513.
43. Roff, D. A., Stirling, G. and D. J. Fairbairn, 1997. The evolution of threshold traits: A quantitative genetic analysis of the physiological and life history correlates of wing dimorphism in the sand cricket. *Evolution* 51: 1910-1919.
44. Blanckenhorn, W. U., Grant, J. W. A. and D. J. Fairbairn, 1998. Monopolization in a resource queue: water striders competing for food and mates. *Behavioral Ecology and Sociobiology* 42: 63-70.
45. Roff, D. A., J. Tucker, G. Stirling, and D. J. Fairbairn, 1999. The evolution of threshold traits: effects of selection on fecundity and correlated response in wing dimorphism in the sand cricket. *Journal of Evolutionary Biology* 12: 535-546.
46. Stirling, G., D. A. Roff, and D. J. Fairbairn. 1999. Four characters in a trade-off: Dissecting their phenotypic and genetic relations. *Oecologia* 120: 492-498.
47. Roff, D. A. and D. J. Fairbairn. 1999. Predicting correlated responses in natural populations: changes in JHE activity in the Bermuda population of the sand cricket. *Heredity* 83: 440-450.
48. Fairbairn, D. J. and D. A. Roff. 1999. The endocrine genetics of wing polymorphism in *Gryllus*. A response to Zera. *Evolution* 53:977-9.
49. Reeve, J. P. and D. J. Fairbairn, 1999. Change in sexual size dimorphism as a correlated response to selection on fecundity. *Heredity* 83: 697-706.
50. Preziosi, R. F. and D. J. Fairbairn. 2000. Lifetime selection on adult body size and components of body size in a waterstrider: opposing selection and maintenance of sexual size dimorphism. *Evolution* 54: 558-566.
51. Ferguson, I. M. and D. J. Fairbairn. 2000. Sex-specific selection and sexual size dimorphism in the waterstrider *Aquarius remigis*. *Journal of Evolutionary Biology* 13: 160-170.
52. Ferguson, I. M. and D. J. Fairbairn. 2001. Is selection ready when opportunity knocks? *Evolutionary Ecology Research* 3: 199-207.
53. Stirling, G., D. J. Fairbairn, S. Jensen and D. A. Roff. 2001. Does a negative genetic correlation between wing morph and early fecundity imply a functional constraint in *Gryllus firmus*? *Evolutionary Ecology Research* 3: 157-177.
54. Reeve, J. P. and D. J. Fairbairn. 2001. Predicting the evolution of sexual size dimorphism. *Journal of Evolutionary Biology* 14: 244-254. doi: 10.1046/j.1420-9101.2001.00276.x
55. Ferguson, I. M. and D. J. Fairbairn. 2001. Estimating genetic correlations from measurements of field-caught waterstriders. *Evolution* 55: 2126-2130.
56. Fairbairn, D. J. and A. E. Wilby. 2001. Inequality of opportunity: measuring the potential for sexual selection. *Evolutionary Ecology Research* 3: 667-686.
57. Campbell, V. and D. J. Fairbairn. 2001. Prolonged copulation and the internal dynamics of sperm transfer in the water strider, *Aquarius remigis*. *Canadian Journal of Zoology* 79: 1801-1812.
58. Roff, D. A., Mostow S. and D. J. Fairbairn. 2002. The evolution of trade-offs: Testing predictions on response to selection and environmental variation. *Evolution* 56: 84-95.

59. Vermette, R. and D. J. Fairbairn. 2002. How well do mating frequency and duration predict paternity success in the polygynandrous water strider, *Aquarius remigis*. *Evolution* 56: 1808-1820.
60. Fairbairn, D. J., Vermette, R., Kapoor, N. N. and N. Zahiri. 2003. Functional significance of sexually selected genitalia in the water strider, *Aquarius remigis*. *Canadian Journal of Zoology* 81: 400-413.
61. Roff, D. A., Crnokrak, P. and D. J. Fairbairn. 2003. The evolution of trade-offs: geographic variation in call duration in the sand cricket, *Gryllus firmus*. *Journal of Evolutionary Biology* 16: 744-753. doi:10.1046/j.1420-9101.2003.00570.x
62. Foellmer, M. W. and D. J. Fairbairn. 2003. Spontaneous male death during copulation in an orb-weaving spider. *Proceedings of the Royal Society London B (Suppl.)* 270:S183-S185.
63. Foellmer, M. W. and D. J. Fairbairn. 2004. Males under attack: Sexual cannibalism and its consequences for male morphology and behavior in an orb-weaving spider. *Evolutionary Ecology Research* 6:163-181.
64. Foellmer, M. W. and D. J. Fairbairn. 2005. Selection on male size, leg length and condition during mate search in a sexually highly dimorphic orb-weaving spider. *Oecologia* 142:653-662.
65. Foellmer, M. W. and D. J. Fairbairn. 2005. Competing dwarf males: sexual selection in an orb-weaving spider. *Journal of Evolutionary Biology* 18: 629-641.
66. Fairbairn, D. J. 2005. Allometry for sexual size dimorphism: Testing two hypotheses for Rensch's rule in the water strider, *Aquarius remigis*. *American Naturalist* 166: S69-S84. DOI: 10.1086/444600
67. Bertin, A. and D. J. Fairbairn. 2005. One tool, many uses: precopulatory sexual selection on genital morphology in *Aquarius remigis*. *Journal of Evolutionary Biology* 18:949-962.
68. Fairbairn, D. J. and D. A. Roff. 2006. The quantitative genetics of sexual dimorphism: assessing the importance of sex-linkage. *Heredity* 97: 319-328. (Selected for a *Heredity* podcast interview.)
69. Blanckenhorn, W. U., Dixon, A. F., Fairbairn, D. J., Foellmer, M. W., Gibert, P., van der Linde, K., Meier, R., Pitnick, S., Schoff, C., Signorelli, M., Teder, T. and C. Wiklund. 2007. Proximate causes of Rensch's rule: Does sexual size dimorphism in arthropods result from sex differences in development time? *American Naturalist* 169: 245-257.
70. Bertin, A. and D. J. Fairbairn. 2007. The form of sexual selection on male genitalia cannot be inferred from within-population variance and allometry. A case study in *Aquarius remigis*. *Evolution* 61: 825-837.
71. Roff, D. A. and D. J. Fairbairn. 2007a. The evolution and genetics of migration in insects. *Bioscience* 57:155-164.
72. Roff, D. A. and D. J. Fairbairn. 2007b. The evolution of trade-offs: where are we? *Journal of Evolutionary Biology* 20:433-447.
73. Roff, D. A. and D. J. Fairbairn. 2007c. Laboratory evolution of the migratory polymorphism in the sand cricket: combining physiology and quantitative genetics. *Physiological and Biochemical Zoology* 80: 358-369
74. Nespolo, R. F., Roff, D. A. and D. J. Fairbairn. 2008. Energetic trade-off between maintenance costs and flight capacity in the sand cricket (*Gryllus firmus*). *Functional Ecology* 22: 624-631. doi: 10.1111/j.1365-2435.2008.01394.x
75. Saglam, I., Roff, D. A. and D. J. Fairbairn. 2008. The phenotypic and genetic basis of the trade-off between flight capability and reproductive investment in males of the cricket *Gryllus firmus*. *Journal of Evolutionary Biology* 21: 997-1004. doi: 10.1111/j.1420-9101.2008.01548.x
76. Fairbairn, D. J. and E. King. 2009. Why do Californian striders fly? *Journal of Evolutionary Biology* 22: 36-49. doi:10.1111/j.1420-9101.2008.01619.x
77. Miyata, H., Noda, N., Fairbairn, D. J., Oldenbourg, R. and R. A. Cardullo. 2011. Assembly of the fluorescent acrosomal matrix and its fate in fertilization in the water strider, *Aquarius remigis*. *Journal of Cellular Physiology* 226: 999-1006. DOI: 10.1002/jcp.22413. (Chosen as a journal highlight and cover photo.)
78. King, E. G., Roff, D. A. and D. J. Fairbairn. 2011. Trade-off acquisition and allocation in *Gryllus firmus*: A test of the Y-model. *Journal of Evolutionary Biology* 24: 256-264. DOI: 10.1111/j.1420-9101.2010.02160.x. (Selected by the Faculty of 1000: <http://f1000/7845956>)

79. King, E. G., Roff, D. A. and D. J. Fairbairn. 2011. The evolutionary genetics of acquisition and allocation in the wing dimorphic cricket, *Gryllus firmus*. *Evolution* 65: 2273-2285. DOI: 10.1111/j.1558-5646.2011.01296.x
80. Roff, D. A. and D. J. Fairbairn. 2011. Path analysis of the genetic integration of traits in the sand cricket: a novel use of BLUPS. *Journal of Evolutionary Biology* 24: 1857–1869, DOI: 10.1111/j.1420-9101.2011.02315.x
81. Cueva del Castillo, R. and Fairbairn, D. J. 2011. Macro evolutionary patterns of bumblebee body size: Detecting the interplay between natural and sexual selection. *Ecology and Evolution*, published online 24 November 2011. DOI: 10.1002/ece3.65
82. Wolak, M. E., Fairbairn, D. J. and Y. R. Paulsen. 2012. Guidelines for estimating repeatability. *Methods in Ecology and Evolution* 3: 129–137. DOI: 10.1111/j.2041-210X.2011.00125.x
83. Arendt, J. and Fairbairn, D. J. 2012. Reproductive allometry does not explain the temperature-size rule in water striders (*Aquarius remigis*). *Evolutionary Ecology* 26:745-757 (published online September 10, 2011) DOI 10.1007/s10682-011-9524-4
84. Roff, D. A. and D. J. Fairbairn, 2012. The evolution of trade-offs under directional and correlational selection. *Evolution* 66:2461-2474. DOI: 10.1111/j.1558-5646.2012.01634.x
85. Roff, D. A. and D. J. Fairbairn, 2012. A test of the hypothesis that correlational selection generates genetic correlations. *Evolution* 66: 2953-2969. DOI: 10.1111/j.1558-5646.2012.01656.x
86. King, E. G., Fairbairn, D. J. and D. A. Roff. 2012. Extracting the underlying physiological determinants of resource based trade-offs: a principal components approach. *American Naturalist* 180:394-402 Article Stable URL: <http://www.jstor.org/stable/10.1086/667194>
87. Roff, D. A. and D. J. Fairbairn. 2013. The costs of being dark: the genetic basis of melanism and its association with fitness-related traits in the sand cricket. *Journal of Evolutionary Biology* 26: 1406-16. DOI: 10.1111/jeb.12150.
88. Roff, D. A. and D. J. Fairbairn. 2014. The Evolution of Phenotypes and Genetic Parameters under Preferential Mating. *Ecology and Evolution*, 4:2759-76. <http://onlinelibrary.wiley.com/doi/10.1002/ece3.1130/full>
89. Wolak, M. E., Roff, D. A. and Fairbairn, D. J. 2015. Are we underestimating the genetic variances of dimorphic traits? *Ecology and Evolution* 5(3): 590-597. doi: 10.1002/ece3.1361
90. Roff, D. A. and D. J. Fairbairn. 2015. Bias in the heritability of preference and its potential impact on the evolution of mate choice. *Heredity* 114: 404-412 doi:10.1038/hdy.2014.117.
91. Fairbairn, D. J., Kiseliöva, O. and Muir, S. 2016. Variation in chromosome numbers and the sex determination system in the Gerromorpha with special reference to the family Gerridae. *Aquatic Insects* published online May 16, 2016. <http://dx.doi.org/10.1080/01650424.2016.1167222>
92. Medina, R. G., Fairbairn, D. J., Bustillos, A., Montejo, E., Medina, S. and Quezada-Euán, J. J. 2016. Comparative patterns of intraspecific sexual size dimorphism and allometry in primitive and highly eusocial corbiculate bees (Hymenoptera: Apidae). *Insectes Sociaux* accepted June 2016.

3) Publicly archived data sets

1. King EG, Roff DA, Fairbairn DJ (2011) Data from: The evolutionary genetics of acquisition and allocation in the wing dimorphic cricket, *Gryllus firmus*. *Evolution* doi:10.5061/dryad.8727
2. Roff DA, Fairbairn DJ (2012) Data from: The evolution of trade-offs under directional and correlational selection. *Evolution* doi:10.5061/dryad.362kt4r5
3. Roff DA, Fairbairn DJ (2012) Data from: A test of the hypothesis that correlational selection generates genetic correlations. *Evolution* doi:10.5061/dryad.rc071b2v

4. Fairbairn, D. J. (2013) Data from: *Odd couples. Extraordinary differences between the sexes in the animal kingdom*. Princeton New Jersey: Princeton University Press. Dryad Digital Repository. <http://dx.doi.org/10.5061/dryad.n48cm>
5. Roff, D. A. and D. J. Fairbairn (2013) Data from: The costs of being dark: the genetic basis of melanism and its association with fitness-related traits in the sand cricket. Dryad Digital Repository. doi:10.5061/dryad.7j68

4) Book chapters

1. Roff, D. A. and D. J. Fairbairn. 2001. The genetic basis of migration and its consequences for the evolution of correlated traits. Pp. 191-202 in C. Clobert, J. Nichols, J. D. Danchin and A. Dhondt (eds.), *Causes, Consequences and Mechanisms of Dispersal at the Individual, Population and Community Level*. Oxford University Press, Oxford UK.
2. Fairbairn, D. J. and J. P. Reeve. 2001. Natural selection. Measuring selection in natural populations. Chpt. 2 in C. Fox, D. A. Roff and D. J. Fairbairn (eds.), *Evolutionary Ecology: Concepts and Case Studies*. Oxford University Press, NY.
3. Fairbairn, D. J. 2007. Introduction: The Enigma of Sexual Size Dimorphism, Chpt. 1 in Fairbairn, D. J., Blanckenhorn, W. U. and T. Szekely. 2007 (eds.) *Sex, Size and Gender Roles. Evolutionary Studies of Sexual Size Dimorphism*. Oxford University Press, UK.
4. Fairbairn, D. J. 2007. Sexual Dimorphism in Water Striders: A Case Study of Adaptation in Response to Sexually Antagonistic Selection, Chpt 9 in Fairbairn, D. J., Blanckenhorn, W. U. and T. Szekely. 2007 (eds.) *Sex, Size and Gender Roles. Evolutionary Studies of Sexual Size Dimorphism*. Oxford University Press, UK.
5. Roff, D. A. and D. J. Fairbairn. 2010. Modeling experimental evolution using individual-based variance-components models. Pp. 31 – 63 in T. Garland, Jr., and M. R. Rose (eds.) *Experimental Evolution: Concepts, Methods, and Applications of Selection Experiments*, University of California Press, Berkeley, California.

5) Encyclopedia article:

Fairbairn, D. J. 2016. Sexual Dimorphism. In: Kliman, R. M. (ed.), *Encyclopedia of Evolutionary Biology*. Vol. 4, pp. 105-113. Oxford: Academic Press.

6) Book box:

Fairbairn, D. J. 2006. Defining and measuring fitness. Box .4.1, pp. 52 -54, in Fox, C. W. and J. B. Wolf (eds.) *Evolutionary Genetics. Concepts and Case Studies*. Oxford University Press, NY.

7) Editorial

Fairbairn, D. J. 2011. The advent of mandatory data archiving. *Evolution* 65:1-2. DOI: 10.1111/j.1558-5646.2010.01182x

8) Book reviews

1. Fairbairn, D. J., 1987. Insect life cycles as models in evolutionary ecology. A review of Taylor, F. and Karban, R. 1986. *The Evolution of Insect Life Cycles*. Springer-Verlag, N.Y. *Ecology* 68:2068-2069.
2. Blanckenhorn, W. U. Craig, D. G. and D. J. Fairbairn, 1993. More than meets the eye. A review of Peters, R. H. 1991. *A Critique for Ecology*. Cambridge University Press, Cambridge, England, *Evolution* 47:1890-1892.
3. Fairbairn, D. J., 1995. Review of *The Sex Imperative, An Evolutionary Tale of Sexual Survival* by Kenneth Maxwell. *Quarterly Review of Biology* 70:64-65.
4. Fairbairn, D. J. 1998. Review of Futuyma, D. J., *Evolutionary Biology*, 3rd ed. (1997) *Quarterly Review of Biology* 73: 503 – 504.

5. Fairbairn, D. J. 2006. When opposites don't attract. A review of Ruckstuhl, K. and Neuhaus, P. 2006. *Sexual Segregation in Vertebrates*. Cambridge University Press, Cambridge, UK. *Trends in Ecology and Evolution* 21(11): 600-601.

9) Articles in the popular press

Fairbairn, Daphne: Big Females Rule in the Animal Kingdom. Huffington Post Science, April 29, 2013.
http://www.huffingtonpost.com/daphne-fairbairn/animal-female-size_b_3177995.html

Fairbairn, Daphne: Opposites Attract. BBC Focus Magazine, June 2013, p. 73.

Fairbairn, Daphne: Why do male seahorses have babies? *In Does My Goldfish Know Who I Am? Big Questions from Little People*. Faber & Faber, 2013.

Fairbairn, Daphne: Diminutive Dads of the Animal Kingdom. Wall Street Journal, US Edition, June 15, 2013, page C3, and WSJ.com US Edition, June 14, 2013.