

## Bronnen Darwins Dating Show

- Alatalo, R.V. & Lundberg, A. (1984). Polyterritorial polygygy in the pied flycatcher *Ficedula hypoleuca* – evidence for the deception hypothesis. *Acta Zool. Fennici* 21: 217-228.
- Albers, P.C.H. & de Vos, J. (2010). Through Eugène Dubois' eyes : stills of a turbulent life. Brill Academic Publishers, Leiden.
- Amundsen, T. (2000). Why are female birds ornamented? *Trends Ecol. Evol.* 15: 149-155.
- Andersen, F.S. (1944). Contributions to the breeding biology of the ruff (*Philomachus pugnax*). *Dansk Ornith. Foren. Tidsskr.* 38: 26-30.
- Andersen, F.S. (1948). Contributions to the breeding biology of the ruff (*Philomachus pugnax* (L.)) II. *Dansk Ornith. Foren. Tidsskr.* 42: 125-148.
- Andersen, F.S. (1951). Contributions to the breeding biology of the ruff (*Philomachus pugnax* (L.)) III. *Dansk Ornith. Foren. Tidsskr.* 45: 145-173.
- Andersson, M. (1994). *Sexual Selection*. Princeton University Press, Princeton.
- Apostolou, M. (2007). Sexual selection under parental choice: the role of parents in the evolution of human mating. *Evol. Human Behav.* 28: 403-409.
- Arnqvist, G. (2006). Sensory exploitation and sexual conflict. *Phil. Trans. R. Soc. B* 361 : 375-386.
- van den Assem, J. (1967). Territory in the three-spined stickleback, *Gasterosteus aculeatus* L., an experimental study in intra-specific competition. *Behaviour Suppl.* 16: 1-164.
- Bearends, G.P. & Drent, R.H. (eds) (1982). The herring gull and its egg. Part II: The responsiveness to egg features. *Behaviour* 82: 1-416.
- Baerends, G.P. & van Rhijn, J.G. (1975). The effect of colour in egg-recognition by the black-headed gull (*Larus r. ridibundus* L.). *Proc. Kon. Ned. Akad. Wetensch. C* 78: 1-20.
- Baker, A.J., Huynen, L.J., Haddrath, O., Millar, C.D. & Lambert, D.M. (2005). Reconstructing the tempo and mode of evolution in an extinct clade of birds with ancient DNA: The giant moas of New Zealand. *PNAS* 102: 8257-8262.
- Baker, A.J., Pereira, S.L. & Paton, T.A. (2007). Phylogenetic relationships and divergence times of Charadriiformes genera: Multigene evidence for the Cretaceous origin of at least 14 clades of shorebirds. *Biology Letters* 3: 205-209.
- Baker, R.R. & Bellis, M.A. (1995). *Human Sperm Competition: Copulation, Masturbation and Infidelity*. Chapman & Hall, London.
- Baldauf, S.A., Bakker, T.C.M., Herder, F. Kullmann, H. & Thünken, T. (2010). Male mate choice scales female ornament allometry in a cichlid fish. *BMC Evolutionary Biology* 10: 301.
- Bancke, P. (1965). *Brushanen*. Rhodos, København.
- Bancke, P. & Meeseburg, H. (1952). A study of the display of the ruff (*Philomachus pugnax* (L.)). *Dansk Ornith. Foren. Tidsskr.* 46: 98-109.
- Bancke, P. & Meeseburg, H. (1958). A study of the display of the ruff (*Philomachus pugnax* (L.)). *Dansk Ornith. Foren. Tidsskr.* 52: 118-141.
- Barber, N. (1995). The evolutionary psychology of physical attractiveness: sexual selection and human morphology. *Ethol. Sociobiol.* 16: 395-424.
- Barlow, N. (1958). *The autobiography of Charles Darwin*. Chapman, London. (Nederlandse uitgave 2000: De autobiografie van Charles Darwin. Nieuwezijds, Amsterdam)
- Benus, I. (1988). Aggression and coping: differences in behavioural strategies between aggressive and non-aggressive male mice. *Proefschrift*, Groningen.
- Birchard, G.F. & Deeming, D.C. (2009). Avian eggshell thickness: scaling and maximum body mass in birds. *J. Zool.* 279: 95-101.
- Birkhead, T.R. & Møller, A.P. (1998). *Sperm Competition and Sexual Selection*. Academic Press, London.
- Bleeker, M., Kingma, S.A., Szentirmai, I., Székely, T. & Komdeur, J. (2005). Body condition and clutch desertion in penduline tit *Remiz pendulinus*. *Behaviour* 142: 1465-1478.
- Borowik, O.A. & McLennan, D.A. (1999). Phylogenetic patterns of parental care in Calidridine sandpipers. *The Auk* 116: 1107-1117.
- Brinkemper J. (1979). De kemmaan in Nederland. *Wetenschappelijke Mededeling KNNV* 137, Hoogwoud.
- Briskie, J.V. & Montgomerie, R. (1993). Patterns of sperm storage in relation to sperm competition in passerine birds. *The Condor* 95: 442-454.
- Brouwer, G.A. (1954). Historische gegevens over onze vroegere ornithologen en over de avifauna van Nederland. *Ardea* 41: 1-226.
- Burkhardt, R.W. Jr. (2005). *Patterns of Behavior*. Konrad Lorenz, Niko Tinbergen and the Founding of Ethology. University of Chicago Press, Chicago.

- Burley, N. (1981) The evolution of sexual indistinguishability. In: Alexander, R.D. & Tinkle, D.W. (eds). *Natural Selection and Social Behavior*. Chiron Press, New York, p. 121-137.
- Burley, N. (1988). Wild zebra finches have band-colour preferences. *Anim. Behav.* 36: 1235-1237.
- Burley, N.T. & Johnson, K. (2002). The evolution of avian parental care. *Phil. Trans. R. Soc. Lond. B* 357: 241–250.
- Cade, W. (1981). Alternative male strategies: Genetic differences in crickets. *Science* 212: 563-564.
- Campbell, B. (ed.) (1972). *Sexual Selection and the Descent of Man*. Aldine Publishing Company, Chicago.
- Carranza, J. (2009). Defining sexual selection as sex-dependent selection. *Anim. Behav.* 77: 749-751.
- Carranza, J. (2010). Sexual selection and the evolution of evolutionary theories. *Anim. Behav.* 79: e5-e6.
- Cartar, R.V. (1985). Testis size in sandpipers. *Naturwissenschaften* 72: 157-158.
- Caryl, P.G. (1979). Communication by agonistic displays: what can game theory contribute to ethology. *Behaviour* 68: 136-169.
- Clutton-Brock, T.H. (ed.) (1988). *Reproductive success. Studies of Individual Variation in Contrasting Breeding Systems*. The University of Chicago Press, Chicago.
- Clutton-Brock, T.H. (2007). Sexual selection in males and females. *Science* 318: 882-1885.
- Clutton-Brock, T.H. (2009). Sexual selection in females. *Anim. Behav.* 77: 3-11.
- Clutton-Brock, T.H. (2010). We do not need a Sexual Selection 2.0 – nor a theory of Genial Selection. *Anim. Behav.* 79: e7-e10.
- Clutton-Brock, T.H., Guinness, F.E. & Albon, S.D. (1982). *Red Deer. Behavior and Ecology of Two Sexes*. Edinburgh University Press, Edinburgh.
- Cockburn, A. (2006). Prevalence of different modes of parental care in birds. *Proc. R. Soc. B* 273: 1375-1383.
- Cooper, A., Lalueza-Fox, C., Anderson, S., Rambaut, A., Austin, J. & Ward, R. (2001). Complete mitochondrial genome sequences of two extinct moas clarify ratite evolution. *Nature* 409: 704-707.
- Darwin, C.R. (1839). *Journal of Researches into the Geology and Natural History of the Various Countries visited by H.M.S. 'Beagle'*. Henry Colburn, London. (Nederlandse uitgave 1993: *De reis van de Beagle*. Atlas, Amsterdam)
- Darwin, C.R. (1859). *On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life*. John Murray, London. (Nederlandse uitgave 2007: *Over het ontstaan van soorten*. Nieuwezijds, Amsterdam)
- Darwin, C.R. (1862). *On the Various Contrivances by which British and Foreign Orchids are Fertilised by Insects*. John Murray, London.
- Darwin, C.R. (1871). *The Descent of Man, and Selection in relation to Sex*. Murray, London. (Nederlandse uitgave 2002: *De afstamming van de mens en selectie in relatie tot sekse*. Nieuwezijds, Amsterdam)
- Darwin, C.R. (1876). *The Effects of Cross and Self Fertilisation in the Vegetable Kingdom*. John Murray, London.
- Daunt, F., Monaghan, P., Wanless, S. & Harris, M.P. (2003). Sexual ornament size and breeding performance in female and male European shags *Phalacrocorax aristotelis*. *Ibis* 145: 54-60.
- Davies, S. (2002). *Ratites and Tinamous*. Oxford University Press.
- Dawkins, R. (2004). *The Ancestor's Tale. A Pilgrimage to the dawn of life*. Weidenfeld & Nicolson, London. (Nederlandse uitgave 2007: *Verhaal van onze voorouders. Een pelgrimstocht naar de oorsprong van het leven*. Nieuw Amsterdam)
- Dennett, D.C. (1995). *Darwins Dangerous Idea. Evolution and the Meanings of Life*. Simon & Schuster, New York. (Nederlandse uitgave 2006: *Darwins gevaarlijke idee*. Olympus, Amsterdam)
- Desmond, A. & Moore, J. (1991). *Darwin*. Michael Joseph, London. (Nederlandse uitgave 2009: *Darwin. De biografie*. Nieuwezijds, Amsterdam)
- Dhondt, A.A. (1987). Blue tits are polygynous but great tits monogamous: does the polygyny threshold model hold? *Amer. Natur.* 129: 213-220.
- Diamond, J.M. (1992). *The Third Chimpanzee: The Evolution and Future of the Human Animal*. Harper Perennial, New York. (Nederlandse uitgave 2001: *De derde chimpansee: evolutie en toekomst van het dier dat mens heet*. Het Spectrum, Utrecht)
- Dietrich, V., Schmoll, T., Winkel, W., Epplen, J.T. & Lubjuhn, T. (2004). Pair identity - An important factor concerning variation in extra-pair paternity in the coal tit (*Parus ater*). *Behaviour* 141: 817-835.
- Dominey, W.J. (1980). Female mimicry in male bluegill sunfish – a genetic polymorphism? *Nature* 284: 546-548.
- Dunbar, R.I.M., Cornah, L., Daly, F.J. & Bowyer, K.M. (2002). Vigilance in human groups: A test of alternative hypotheses. *Behaviour* 139: 695-711.
- Ehrman, L., Spassky, B., Pavlovsky, O. & Dobzhansky, T. (1965). Sexual isolation, geotaxis, and chromosomal polymorphism in experimental populations of *Drosophila pseudoobscura*. *Evolution* 19: 337-346.
- Elzanowski, A. (1985). The evolution of parental care in birds with reference to fossil embryos. *Proc. 18<sup>th</sup> Int. Ornithol. Congr.* 1982: 178-183.

- Elzanowski, A. (1995). Cretaceous birds and avian phylogeny. *Cour. Forsch. Inst. Senckenb.* 181: 37-53.
- Emlen, S.T. (1991) Evolution of cooperative breeding in birds and mammals. In: Krebs, J.R. & Davies, N.B. (eds) *Behavioural Ecology: An Evolutionary Approach*. Blackwell, Oxford, p. 301–337.
- Emlen, S.T. & Oring, L.W. (1977). Ecology, sexual selection, and the evolution of mating systems. *Science* 197: 215-223.
- Endler, J.A. & Basolo, A.L. (1998). Sensory ecology, receiver biases and sexual selection. *Trends Ecol. Evol.* 13: 415-420.
- Enquist, M. & Arak, A. (1993). Selection of exaggerated male traits by female aesthetic senses. *Nature* 361: 446-448.
- Eo, S.H., Bininda-Emonds, O.R.P. & Carroll, J.P. (2009). A phylogenetic supertree of the fowls (Galloanserae, Aves). *Zoologica Scripta* 38: 465-481.
- Erckmann, W.J. (1983). The evolution of polyandry in shorebirds: an evaluation of hypotheses. In: Wasser, S.K. (ed.) *Social Behavior of Female Vertebrates*. Academic Press, New York, p. 113-168.
- Fain, M.G. & Houde, P. (2007). Multilocus perspectives on the monophyly and phylogeny of the order Charadriiformes (Aves). *BMC Evol. Biol.* 7: 35.
- Fernandez-Duque, E., Vallengia, C.R. & Mendoza, S.P. (2009). The biology of paternal care in human and nonhuman primates. *Annu. Rev. Anthropol.* 38: 115-130.
- Fisher, R.A. (1930). *The Genetical Theory of Natural Selection*. Oxford University Press, Oxford.
- Francis, C.M., Anthony, E.L.P., Brunton, J.A. & Kunz, C.H. (1994). Lactation in male fruit bats. *Nature* 367: 691-692.
- Ghiselin, M.T. (1974). *The Economy of Nature and the Evolution of Sex*. University of California Press, Berkeley.
- Gibson, R.M. & Guinness, F.E. (1980a). Differential reproductive success in red deer stags. *J. Anim. Ecol.* 49: 199-208.
- Gibson, R.M. & Guinness, F.E. (1980b). Behavioural factors affecting male reproductive success in red deer (*Cervus elaphus* L.). *Anim. Behav.* 28: 1163-1174.
- Gladstone, D.E. (1979). Promiscuity in monogamous colonial birds. *Am. Natur.* 114: 545-557.
- Grammer, K., Kruck, K., Jütte, A. & Fink, B. (2000). Non-verbal behavior as courtship signals: the role of control and choice in selecting partners. *Evol. Human Behav.* 21: 371-390.
- Griffith, S.C., Owens, I.P.F. & Thuman, K.A. (2002). Extra pair paternity in birds: a review of interspecific variation and adaptive function. *Molec. Ecol.* 11: 2195-2212.
- Griggio, M., Valera, F., Casas, A. & Pilastro, A. (2005). Males prefer ornamented females: a field experiment of male choice in the rock sparrow. *Anim. Behav.* 69: 1243–1250.
- Groothuis, T.G.G., Müller, W., von Engelhardt, N., Carere, C. & Eising, C. (2005). Maternal hormones as a tool to adjust offspring phenotype in avian species. *Neurosci. & Biobehav. Rev.* 29: 329-352.
- Haanstra, B. (1984). *Chimps onder elkaar*. Film documentaire.
- von Haartman, L. (1956). Territory in the pied flycatcher *Muscicapa hypoleuca*. *Ibis* 98: 460-475.
- von Haartman, L. (1985). The biological significance of the nuptial plumage of the male pied flycatcher. *Proc. 18<sup>th</sup> Int. Ornithol. Congr.* 1982: 34-60.
- Hackett S.J. en zeventien anderen (2008). A phylogenomic study of birds reveals their evolutionary history. *Science* 320: 1763-1768.
- Haddrath, O. & Baker, A.J. (2001). Complete mitochondrial DNA genome sequences of extinct birds: ratite Phylogenetics and the vicariance biogeography hypothesis. *Proc. R. Soc. Lond. B.* 268: 939-945.
- Hamilton, W.D. & Zuk, M. (1982). Heritable true fitness and bright birds: A role for parasites? *Science* 218: 384-387.
- Handford, P. & Mares, A. (1985). The mating system of ratites and tinamous: an evolutionary perspective. *Biol. J. Linn. Soc.* 25: 77-104.
- Haring, B. (2001). *Kaas en de evolutietheorie*. Houtekiet, Antwerpen.
- Harshman, J. en zeventien anderen (2008). Phylogenomic evidence for multiple losses of flight in ratite birds. *PNAS* 105: 13462–13467.
- Hay, W.W. en tien anderen (1999). Alternative global Cretaceous paleogeography. *Geological Society of America. Special Paper* 332: 1-47.
- Hill, G.E. (1993). Male mate choice and the evolution of female plumage coloration in the house finch. *Evolution* 47: 1515–1525.
- Hill, W.L.. (1991). Correlates of male mating success in the ruff *Philomachus pugnax*, a lekking shorebird. *Behav. Ecol. Sociobiol.* 29: 367-372.
- Hogan-Warburg, A.J. (1966). Social behaviour of the ruff, *Philomachus pugnax* (L.). *Ardea* 54: 109-229.
- Höglund, J. & Alatalo, R.A. (1995). *Leks. Monographs in Behavior and Ecology*, Princeton University Press, Princeton.

- Höglund, J., Montgomerie, R. & Widemo, F. (1993). Costs and consequences of variation in the size of ruff leks. *Behav. Ecol. Sociobiol.* 32: 31-39.
- Hugie, D.M. & Lank, D.B. (1997). The resident's dilemma: a female choice model for the evolution of alternative mating strategies in lekking male ruffs (*Philomachus pugnax*). *Behav. Ecol.* 8: 218-225.
- Huynen, L., Gill, B.J., Millar, C.D. & Lambert, D.M. (2010). Ancient DNA reveals extreme egg morphology and nesting behavior in New Zealand's extinct moa. *PNAS* 107: 16201-16206.
- Jaatinen, K., Lehtikoinen, A. & Lank, D.B. (2010). Female-biased sex ratios and the proportion of cryptic male morphs of migrant juvenile ruffs (*Philomachus pugnax*) in Finland. *Ornis Fennica* 87:125-134.
- Jenni, D.A. (1974). The evolution of polyandry in birds. *Amer. Zool.* 14: 129-144.
- Johnson, D.D.P. & Briskie, J.V. (1999). Sperm competition and sperm length in shorebirds. *The Condor* 101: 848-854.
- Johnson, K. (1988a). Sexual selection in pinyon jays I: female choice and male–male competition. *Anim. Behav.* 36: 1038–1047.
- Johnson, K. (1988b). Sexual selection in pinyon jays II: male choice and female–female competition. *Anim. Behav.* 36: 1048–1053.
- Johnson, K.P., McKinney, F. & Sorenson, M.D. (1999). Phylogenetic constraint on male parental care in the dabbling ducks. *Proc. R. Soc. Lond. B.* 266: 759-763.
- Johnstone, R.A., Reynolds, J.D. & James C. Deutsch, J.C. (1996). Mutual mate choice and sex differences in choosiness. *Evolution* 50: 1382-1391.
- Jones, I.L. & Hunter, F.M. (1993). Mutual sexual selection in a monogamous seabird. *Nature* 362: 238-239.
- Jones, I.L. & Hunter, F.M. (1998). Heterospecific mating preferences for a feather ornament in least auklets. *Behav. Ecol.* 9: 187-192.
- de Jonge, J. & Videler, J.J. (1989). Differences between the reproductive biologies of *Tripterygion tripteronotus* and *T. delaisi* (Pisces, Perciformes, Tripterygiidae): the adaptive significance of an alternative mating strategy and a red instead of a yellow nuptial colour. *Marine Biology* 100: 431-437.
- Jukema, J. & Piersma, T. (2004). Kleine mannelijke kemphanen met vrouwelijk broedkleed: bestaat er een derde voortplantingsstrategie, de faar? *Limosa* 77: 1-10.
- Jukema, J. & Piersma, T. (2006). Permanent female mimics in a lekking shorebird. *Biology Letters* 2: 161-164.
- Jukema, J., Piersma, T., Hulscher, J.B. e.a. (2001a). Goudplevieren en wilsterflappers. Eeuwenoude fascinatie voor trekvogels. *Fryske Akademy, Ljouwert & KNNV Uitgeverij, Utrecht.*
- Jukema, J., Wymenga, E. & Piersma, T. (2001b). Opvetten en ruien in de zuidwesthoek: kemphanen *Philomachus pugnax* op voorjaarstrek in Friesland. *Limosa* 74: 17-26.
- Kappeler, P.M. (1999). Convergence and nonconvergence in primate social systems. In: Fleagle, J.G., Janson, C. & Reed, K.E. (eds). *Primate communities*. Cambridge University Press, p. 158-170.
- Karubian, J., Sillett, T.S. & Webster, M.S. (2008). The effects of delayed plumage maturation on aggression and survival in male red-backed fairy-wrens. *Behav. Ecol.* 19: 508-516.
- Kekäläinen, K., Huuskonen, H., Tuomaala, M. & Kortet, R. (2010). Both male and female sexual ornaments reflect offspring performance in a fish. *Evolution* 64: 3149–3157.
- Kempnaers, B., Verheyen, G.R., Van den Broeck, M., Burke, T., Van Broeckhoven, C. & Dhondt, A.A. (1992). Extra-pair paternity caused by female preference in the blue tit. *Nature* 357: 494-496.
- Kempnaers B., Verheyen, G.R. & Dhondt, A.A. (1997). Extra-pair paternity in the blue tit (*Parus caeruleus*): female choice, male characteristics and offspring quality. *Behav. Ecol.* 8: 481-492.
- Keynes, R. (2001). *Anie's Box. Charles Darwin, His Daughter, and Human Evolution*. Fourth Estate, London (Nederlandse uitgave 2004: *Darwin s dochter. Charles Darwin, zijn dochter en de menselijke evolutie*. Olympus, Amsterdam)
- Kirkman, F.B. (1910-1913). *The British Bird Book. An account of all the birds, nests and eggs found in the British Isles*. T.C. and E.C. Jack, London.
- Kirkman, F.B. (1937). *Bird Behaviour: A contribution based chiefly on a study of the black-headed gull*. T. Nelson and Sons and T.C. and E.C. Jack, London.
- Klug, H., Heuschele, J., Jennions, M.D. & Kokko, H. (2010). The mismeasurement of sexual selection. *J. Evol. Biol.* 23: 447-462.
- Knoppien, P. (1985). Rare male mating advantage: a review. *Biol. Rev.* 60: 81-117.
- Kokko, H., Brooks, R., Jennions, M.D. & Morley, J. (2003). The evolution of mate choice and mating biases. *Proc. R. Soc. Lond. B* 270: 653-664.
- Komdeur, J. (1992). Importance of habitat saturation and territory quality for evolution of cooperative breeding in the Seychelles warbler. *Nature* 358: 493-495.
- Komdeur, J. (1994). Experimental evidence for helping and hindering by previous offspring in the cooperative-breeding Seychelles warbler *Acrocephalus sechellensi*. *Behav. Ecol. Sociobiol.* 34: 175-186.
- Komdeur, J., Eikenaar, C., Brouwer, L. & Richardson, D.S. (2008). The evolution and ecology of cooperative breeding in vertebrates. In: *Encyclopedia of Life Sciences*. John Wiley & Sons, Ltd: Chichester.



- Koopman, K. (1986). Primary moult and weight changes of ruffs in The Netherlands in relation to migration. *Ardea* 74: 69-77.
- Kraaijeveld, K., Gregurke, J. Hall, C., Komdeur, J. & Mulder, R.A. (2004). Mutual ornamentation, sexual selection, and social dominance in the black swan. *Behav. Ecol.* 15: 380-389.
- Kraaijeveld, K., Kraaijeveld-Smit, F.J.L. & Komdeur, J. (2007). The evolution of mutual ornamentation. *Anim. Behav.* 74: 657-677.
- Kruijt, J.P. & Hogan, J.A. (1967). Social behaviour on the lek in black grouse, *Lyrurus t. tetrrix* (L.). *Ardea* 55: 203-140.
- Lack, D. (1968). Ecological adaptations for breeding in birds. Methuen, London.
- Langmore, N.E. & A. T. D. Bennett, A.T.D. (1999). Strategic concealment of sexual identity in an estrildid finch. *Proc. R. Soc. Lond. B* 266: 543-550.
- Lank, D.B., Coupe, M. & Wynne-Edwards, K.E. (1999). Testosterone induced male traits in female ruffs (*Philomachus pugnax*): autosomal inheritance and gender differentiation. *Proc. R. Soc. Lond. B* 266 : 2323-2330.
- Lank, D.B. & Smith, C.M. (1987). Conditional lekking in ruff (*Philomachus pugnax*). *Behav. Ecol. Sociobiol.* 20: 137-145.
- Lank, D.B., Smith, C.M., Hanotte, O., Burke, T. & Cooke, F. (1995). Genetic polymorphism for alternative mating behaviour in lekking male ruff *Philomachus pugnax*. *Nature* 378: 59-62.
- LeBas, N.R., Hockham, L.R. & Ritchie, M.G. (2003). Nonlinear and correlational sexual selection on 'honest' female ornamentation. *Proc. R. Soc. Lond. B* 270: 2159-2165.
- Lie, H.C., Rhodes, G. & Simmons, L.W. (2008). Genetic diversity revealed in human faces. *Evolution* 62: 2473-2486.
- Ligon, J.D. (1999). The Evolution of Avian Breeding Systems. Oxford University Press.
- Lundberg, A. & Alatalo, R.V. (1992). The Pied Flycatcher. T. & A.D. Poyser Ltd, London.
- Lyell, C. (1830-33). Principles of Geology. John Murray, London.
- MacFadden, B.J. (2005) Fossil horses. Evidence for evolution. *Science* 307: 1728-1730.
- Manley, G.H. (1960). The agonistic behaviour of the black-headed gull. Proefschrift Universiteit van Oxford.
- Martin, R.D., Dickson, A.F. & Wicking, E.J. (eds) (1992). Paternity in Primates. Karger, Basel.
- Maynard Smith, J. (1982). Evolution and the Theory of Games. Cambridge University Press, Cambridge.
- Mayr, G. (2011). The phylogeny of charadriiform birds (shorebirds and allies) – reassessing the conflict between morphology and molecules. *Zool. J. Linn. Soc.* 161: 916–934.
- Miller, G. (2000). The Mating Mind. How Sexual Choice Shaped the Evolution of Human Nature. Anchor Books, New York.
- Moynihan, M. (1955). Some aspects of reproductive behavior in the black-headed gull (*Larus r. ridibundus* L.). *Behaviour Suppl.* 4: 1-201.
- Møller, A.P. (1990). Fluctuating asymmetry in male sexual ornaments reliably reveal male quality. *Anim. Behav.* 40: 1185-1187.
- Møller, A.P. & Alatalo, R.V. (1999). Good genes effects in sexual selection. *Proc. R. Soc. London, B* 266: 85-91.
- Myers, J.P. (1981). Cross-seasonal interactions in the evolution of sandpiper social systems. *Behav. Ecol. Sociobiol.* 8: 195-202.
- Nelissen, M. (2000). De Bril van Darwin. Op zoek naar de wortels van ons gedrag. Lannoo, Tielt.
- Nelissen, M. (2008). De Breinmachine. De biologische wortels van emoties en gevoelens. Lannoo, Tielt.
- O'Donald, P. (1980). Genetic Models of Sexual Selection. Cambridge University Press, Cambridge.
- Oliveira, R.F., Taborsky, M. & Brockmann, H.J. (2008). Alternative Reproductive Tactics. An Integrative Approach. Cambridge University Press, Cambridge.
- van Oordt, G.J. & Junge, G.C.A. (1936). Die hormonale Wirkung der Gonaden auf Sommer- und Prachtkleid III. Der Einfluss der Kastration auf männliche Kampfpläuerer (*Philomachus pugnax*). *Wilhelm Roux' Arch. Entwicklungsmech. Org.* 134: 112-121.
- van Oortmerssen, G.A. & Bakker, T.C.M. (1981). Artificial selection for short and long attack latencies in wild *Mus musculus domesticus*. *Behav. Genet.* 11: 115-126.
- van Oortmerssen, G.A., Benus, I. & Dijk, D.J. (1985). Studies in wild house mice: genotype-environment interactions for attack latency. *Neth. J. Zool.* 35: 155-169.
- Pemberton, J.M., Albon, S.D., Guinness, F.E., Clutton-Brock, T.H. & Dover, G.A. (1992) Behavioral estimates of male mating success tested by DNA fingerprinting in a polygynous mammal. *Behav. Ecol.* 3: 66-75.
- Penn, D.J. & Potts, W.K. (1999). The evolution of mating preferences and Major Histocompatibility Complex genes. *Amer. Natur.* 153: 145-164.
- Petrie, M. (1994). Improved growth and survival of offspring of peacocks with more elaborate trains. *Nature* 371: 598-599.

- Phillips, M.J., Gibb, G.C., Crimp, E.A. & Penny, D. (2010). Tinamous and moa flock together: Mitochondrial genome sequence analysis reveals independent losses of flight among ratites. *Syst. Biol.* 59: 90-107.
- Pieters, A.L., van Sijpeveld, C.W. & van Orden, C. (1967). *Kemphaanwetenswaardigheden*. De Levende Natuur 70: 55-60.
- Pinxten, R., Eens, M. & Verheyen, R.F. (1989). Polygyny in the European starling. *Behaviour* 111: 234-256.
- Pinxten, R., Eens, M. & Verheyen, R.F. (1991). Conspecific nest parasitism in the European starling. *Ardea* 79: 15-30.
- Pinxten, R., Hanotte, O., Eens, M., Verheyen, R.F., Dhondt, A.A. & Burke, T. (1993). Extra-pair paternity and intraspecific brood parasitism in the European starling *Sturnus vulgaris*: evidence from DNA fingerprinting. *Anim. Behav.* 45: 798-809.
- Prum, R.O. (2008). Who's your daddy? *Science* 322: 1799-1800.
- Puts, P.A. (2010). Beauty and the beast: mechanisms of sexual selection in humans. *Evol. Human Behav.* 31: 157-175.
- Quammen, D. (2007). *The Kiwi's Egg*. Charles Darwin & Natural Selection. Weidenfeld & Nicolson, London.
- Rakhimberdiev, E. en zeven anderen (2011). A global population redistribution in a migrant shorebird detected with continent-wide qualitative breeding survey data. *Diversity Distrib.* 17: 144-151.
- Reeuwijk, A. (2011). Darwin, Wallace en de anderen. *Evolutie volgens Redmond O'Hanlon*. Atlas, Amsterdam.
- Renninger, L.A., Wade, T.J. & Grammer, K. (2004). Getting that female glance: Patterns and consequences of male nonverbal behavior in courtship contexts. *Evol. Human Behav.* 25: 416-431.
- Reynolds, J.D., Goodwin, N.B. & Freckleton, R.P. (2002). Evolutionary transitions in parental care and live bearing in vertebrates. *Phil. Trans. R. Soc. Lond. B* 357: 269-281.
- van Rhijn, J.G. (1973). Behavioural dimorphism in male ruffs *Philomachus pugnax* (L). *Behaviour* 47: 153-229.
- van Rhijn, J.G. (1980). Communication by agonistic displays: a discussion. *Behaviour* 74: 284-293.
- van Rhijn, J.G. (1981). Units of behaviour in the black-headed gull, *Larus ridibundus* L. *Anim. Behav.* 29: 586-597.
- van Rhijn, J.G. (1983). On the maintenance and origin of alternative strategies in the ruff *Philomachus pugnax*. *Ibis* 125: 482-498.
- van Rhijn, J.G. (1984). Phylogenetical constraints and the evolution of parental care strategies in birds. *Neth. J. Zool.* 34: 103-122.
- van Rhijn, J.G. (1985a). A scenario for the evolution of social organization in ruffs *Philomachus pugnax* and other charadriiform species. *Ardea* 73: 25-37.
- van Rhijn, J.G. (1985b). Black-headed gull or black-headed girl? On the advantage of concealing sex by gulls and other colonial birds. *Neth. J. Zool.* 35: 87-102.
- van Rhijn, J.G. (1990). Unidirectionality in the phylogeny of social organization, with special reference to birds. *Behaviour* 115: 153-174.
- van Rhijn, J.G. (1991a). *The Ruff*. Individuality in a gregarious wading bird. T. & A.D. Poyser Ltd, London.
- van Rhijn, J.G. (1991b). Mate guarding as a key factor in the evolution of parental care in birds. *Anim. Behav.* 41: 963-970.
- van Rhijn, J.G. (2010). Hoe Rekbaar is onze Planeet? Feiten en fictie over de draagkracht van de natuur. *Veen Magazines*, Diemen.
- van Rhijn, J.G. & Groothuis, A.G.G. (1985). Biparental care and the basis for alternative bond-types among gulls, with special reference to black-headed gulls. *Ardea* 73: 159-174.
- van Rhijn, J.G. & Groothuis, A.G.G. (1986). On the mechanism of mate selection in black-headed gulls. *Behaviour* 100: 134-169.
- van Rhijn, J.G. & Vodegel, R. (1980). Being honest about one's intentions: an Evolutionary Stable Strategy for animal conflicts. *J. theor. Biol.* 85: 623-641.
- Richardson, D.S., Burke, T. & Komdeur, J. (2002). Direct benefits and the evolution of female-biased cooperative breeding in Seychelles warblers. *Evolution* 56: 2313-2321.
- Richardson, D.S., Jury, F.L., Blaakmeer, K., Komdeur, J. & Burke, T. (2001). Parentage assignment and extra-group paternity in a cooperative breeder: the Seychelles warbler (*Acrocephalus sechellensis*). *Molec. Ecol.* 10: 2263-2273.
- Rivers, J.W. & Briskie, J.V. (2003). Lack of sperm production and sperm storage by arctic-nesting shorebirds during spring migration. *Ibis* 145: 61-66.
- Röell, D.R. (1996). *De Wereld van Instinct*. Niko Tinbergen en het ontstaan van de ethologie in Nederland (1920-1950). Erasmus Publishing, Rotterdam.
- van Rooij, E.P. & Griffith, S.C. (2010). Are monomorphic species really sexually indistinguishable: No evidence in wild long-tailed finches (*Poephila acuticauda*). *Ethology* 116: 929-940.
- Roughgarden, J. & Oishi, M. (2010). Do we need a Sexual Selection 2.0? *Anim. Behav.* 79: e1-e4.
- Roughgarden, J., Oishi, M. & Akçay, E. (2006). Reproductive social behavior: cooperative games to replace sexual selection. *Science* 311: 965-969.

- Ryan, M.J. (1998). Sexual selection, receiver biases, and the evolution of sex differences. *Science* 281: 1999-2003.
- van Schaik, C.P. & Janson, C.H. (eds) (2000). *Infanticide by Males and Its Implications*. Cambridge University Press, Cambridge.
- van Schaik, C.P. & Kappeler, P.M. (2003). The evolution of social monogamy in primates. In: Reichard, U.H. & Boesch, C. (eds). *Monogamy. Mating Strategies and Partnerships in Birds, Humans and Other Mammals*. Cambridge University Press, p. 59-80.
- Scheuffler, H. & Stiefel, A. (1985). *Der Kampfpläufer, *Philomachus pugnax**. Die Neue Brehm-Bücherei. A. Ziemsen Verlag, Wittenberg, Lutherstadt.
- Schlegel, H. (1861). *De dieren van Nederland. Gewervelde dieren. Vogels*. Kruseman, Haarlem.
- Selous, E. (1906-07). Observations tending to throw light on the question of sexual selection in birds, including a day-to-day diary on the breeding habits of the ruff (*Machetes pugnax*). *Zoologist* 10: 201-219, 285-294, 419-428; 11: 60-65, 161-182, 367-381.
- Shepard, J.M. (1975). Factors influencing female choice in the lek mating system of the ruff. *Living Bird* 14: 87-111.
- Shuker, D.M. (2010). Sexual selection: endless forms or tangled bank? *Anim. Behav.* 79: e11-e17.
- Shuster, S.M. (2009). Sexual selection and mating systems. *PNAS* 106: 10009-10016.
- Shuster, S.M. & Wade, M.J. (2003). *Mating Systems and Strategies*. Princeton University Press, Princeton.
- Simmons, L.W., Firman, R.E.C., Rhodes, G. & Peters, M. (2004). Human sperm competition: testis size, sperm production and rates of extrapair copulations. *Anim. Behav.* 68: 297-302.
- Soikkeli, M. (2000). In memoriam: Lars von Haartman, 1919-1998. *The Auk* 117: 1029-1030.
- Székely, T., Reynolds, J.D. & Figuerola, J. (2000). Sexual size dimorphism in shorebirds, gulls, and alcids: The influence of sexual and natural selection. *Evolution* 54: 1404-1413.
- Székely, T. & Reynolds, J.D. (1995). Evolutionary transitions in parental care in shorebirds. *Proc. Roy. Soc. Lond. B.* 262: 57-64.
- Taborsky, M. (1994). Sneakers, satellites, and helpers: parasitic and cooperative behavior in fish reproduction. *Adv. Stud. Behav.* 23: 1-100.
- Thijsse, J.P. (1904). *Het Vogeljaar*. Versluys, Amsterdam.
- Thijsse, J.P. (1906). *Het Intieme Leven der Vogels*. Loosjes, Haarlem.
- Thomas, G.H. & Székely, T. (2005). Evolutionary pathways in shorebird breeding systems: Sexual conflict, parental care, and chick development. *Evolution* 59, 2222-2230.
- Thomas, G.H., Székely, T. & Reynolds, J.D. (2007). Sexual Conflict and the Evolution of Breeding Systems in Shorebirds. *Adv. Study Behav.* 37: 279-342.
- Thomas, G.H., Wills, M.A. & Székely, T. (2004). A supertree approach to shorebird phylogeny. *BMC Evol. Biol.* 4: 28.
- Thuman, K. (2003). *Female reproductive strategies in the ruff (*Philomachus pugnax*)*. Dissertation, Uppsala University.
- Tinbergen, N. (1959). Comparative studies of the behaviour of gulls (Laridae): a progress report. *Behaviour* 15: 1-70.
- Trivers, R.A. (1972). Parental investment and sexual selection. In: Campbell, B. (ed.). *Sexual Selection and the Descent of Man*. Aldine Publishing Company, Chicago, p. 136-179.
- Tullberg, B.S., Ah-King, M. & Temrin, H. (2002). Phylogenetic reconstruction of parental-care systems in the ancestors of birds. *Phil. Trans. R. Soc. Lond. B* 357: 251-257.
- Turner, E.L. (1920). Some notes on the ruff. *Br. Birds* 14: 146-153.
- Vaartjes, G. (2010). *Rebel en Dame. Biografie van Top Naeff*. Querido, Amsterdam.
- Varicchio, D.J., Moore, J.R., Erickson, G.M., Norell, M.A., Jackson, F.D. & Borkowski, J.J. (2008). Avian paternal care had dinosaur origin. *Science* 322: 1826-1828.
- Vehrencamp, S.L. (2000). Evolutionary routes to joint nesting in birds. *Behav. Ecol.* 11: 334-344.
- Verkuil, Y.I. en negen anderen (2012). Losing a staging area: Eastward redistribution of Afro-Eurasian ruffs is associated with deteriorating fuelling conditions along the western flyway. *Biol. Conserv.* 149: 51-59.
- de Vos, G.J. (1983). Social behaviour of black grouse. An observational and experimental field study. *Ardea* 71: 1-103.
- de Waal, F.B.M. (1982). *Chimpansee-politiek. Macht en seks bij mensapen*. Becht, Amsterdam.
- Wallace, A.R. (1896). *The Malay Archipelago*. Macmillan and Company, London. (Nederlandse uitgave 1996: *Het Maleise eilandenrijk*. Olympus, Amsterdam)
- Webster, M.S., Varian, C.W. & Karubian, J. (2008). Plumage color and reproduction in the redbacked fairy-wren: Why be a dull breeder? *Behav. Ecol.* 19: 517-524.
- Wedekind, C. & Furi, S. (1997). Body odour preferences in men and women: do they aim for specific MHC combinations or simply heterozygosity? *Proc. R. Soc. Lond. B* 264: 1471-1479.

- Wedekind, C., Seebeck, T., Bettens, F. & Paepke, A.J. (1995). MHC-Dependent mate preferences in humans. *Proc. R. Soc. Lond. B* 260: 245-249.
- Wesołowski, T. (1994). On the origin of parental care and the early evolution of male and female parental roles in birds. *Amer. Natur.* 143: 39-58.
- Wesołowski, T. (2004). The origin of parental care in birds: a reassessment. *Behav. Ecol.* 15: 520-523.
- Whitfield, D.P. & Tomkovich, P. S. (1996). Mating system and timing of breeding in Holarctic waders. *Biol. J. Linn. Soc.* 57: 277-289.
- Widemo, F. (1998). Alternative reproductive strategies in the ruff, *Philomachus pugnax*: a mixed ESS? *Anim. Behav.* 56: 329-336.
- Wilson, E.O. (1975). *Sociobiology. The New Synthesis.* The Belknap Press of Harvard University Press, Massachusetts.
- Wirtz, P. (1978). The behaviour of the Mediterranean *Tripterygion* species (Pisces, Blennioidei). *Z. Tierpsychol.* 48: 142-174.
- Yamazaki, K., K. Beauchamp, G.K., Singer, A., Bard, J. & Boyse, E.A. (1999). Odortypes: Their origin and composition. *PNAS* 96: 1522-1525.
- Zahavi, A. (1975). Mate selection – a selection for a handicap. *J. theor. Biol.* 53: 205-214.
- Zahavi, A. & Zahavi, A. (1997). *The Handicap Principle. A missing piece of Darwin's puzzle.* Oxford University Press.
- Zimmer, C. (2001). *Evolution. The Triumph of an Idea.* HarperCollins Publishers, New York. (Nederlandse uitgave 2002: *Evolutie. Triomf van een idee.* Het Spectrum, Utrecht)
- Zomer, J. (2009). Veenterpen in de kop van Drenthe. *Het Drentse Landschap* 64: 4-7.