

R. I. M. Dunbar

MA PhD FRAI FBA

Professor of Evolutionary Psychology
Fellow, Magdalen College, Oxford University
Research Associate, Nuffield College, Oxford University
Co-Director, British Academy Centenary Research Project

Fellow, Royal Anthropological Institute
Fellow, British Academy
Fellow, Association of Psychological Science (USA)
Fellow, Galton Institute

Address

Social & Evolutionary Neuroscience Research Group
Department of Experimental Psychology
University of Oxford
South Parks Road
Oxford, OX1 3UD
UK

Contact

Tel: 01865-271413
E-mail: robin.dunbar@psy.ox.ac.uk

Web Pages

Home Page: www.neuroscience.ox.ac.uk/directory/robin-i-m-dunbar/
Research Group: <http://senrg.psy.ox.ac.uk>
Lucy Project url: www.liv.ac.uk/~lucy2003/
DTESS Project url: www.mbs.ac.uk/research/DTESS.aspx
SOCIALNETS Project: www.social-nets.eu/
ICTe-Collective Project: www.ictecollective.eu/index.php/Main_Page

CURRICULUM VITAE

Robin Ian MacDonald Dunbar

Date of Birth	28 June 1947
Nationality	British
Education	1966-69 Magdalen College, Oxford University 1970-73 Psychology Department, Bristol University
Degrees	1969 B.A. (Oxford): Psychology & Philosophy 1973 Ph.D. (Bristol): Psychology (Thesis: "Social Dynamics of Gelada Baboons") 2007 M.A. (Oxford University)
Posts	2012- Professor of Evolutionary Psychology, University of Oxford 2010- Research Associate, Centre for Experimental Social Science, Nuffield College 2007-12 Professor of Evolutionary Anthropology, University of Oxford 2007- Fellow, Magdalen College 2007- Honorary Senior Research Fellow, School of Archaeology, Classics & Egyptology, University of Liverpool 2003-10 Co-Director: British Academy Centenary Project ("Lucy to Language: The Archaeology of the Social Brain") 2003-07 British Academy Research Professor, School of Biological Sciences, University of Liverpool 1997-07 Professor of Evolutionary Biology & Psychology: School of Biological Sciences, University of Liverpool 1994-97 Professor of Psychology: Psychology Department, University of Liverpool 1992-94 Professor of Anthropology: University College London 1990-92 Reader: Anthropology Dept, University College London 1987-90 Lecturer: Anthropology Dept, University College London 1985-87 University Research Fellow: Zoology Dept, Liverpool University 1983-85 Research Associate, S/Dept of Animal Behaviour, Cambridge University 1983 Asst. Professor ('docent'): Zoological Institute, Stockholm University, Sweden 1977-82 SERC Advanced Research Fellow: Research Centre, King's College, Cambridge & Sub-Dept of Animal Behaviour, University of Cambridge 1974-77 Postdoctoral Research Associate: Psychology Dept, Bristol University
Membership of Professional Societies	British Academy (Fellow: elected 1998; chair, Psychology section, 2003-2007) Royal Anthropological Institute (Fellow) (Council member: 1989-92 and 2001-present; elected vice-President 2005-present) Association for Psychological Science (USA) (Fellow: elected 2010) Association for Study of Animal Behaviour (Council member: 1990-92; grants committee: 1991-92; journal editor: 1994, 1995) International Behavioural Ecology Society Human Behaviour & Evolution Society Galton Institute (Fellow; Council member: 1990-93, 2010-present) Primate Society of Great Britain (Council member: 1976-79, 1986-90, 2009-present; President: 1988-93; Chair, Conservation working Party: 1978-1982) British Association for the Advancement of Science

National and International Committees	1997-04	Home Office Animal Procedures Committee (1998-2004 chair: Primate Sub-Committee)
	2000-01	Scientific Advisory Committee, Fondacion J-M.Delwart (Belgian Academy of Sciences)
	2000-	Isle of Rum Ecological Management Committee, Scottish Natural Heritage
	2001-05	Chair, Management Committee, AHRC Research Centre for Evolutionary Analysis of Culture, University College London
	2001	Special Biological Anthropology adviser, Anthropology Panel, RAE 2001
	2001	External advisor on Chair in Anthropology, University of Göttingen, Germany
	2005	External Mock RAE assessor, Department of Anthropology, University of Durham
	2005	EU EUROCORES grants committee, Brussels
	2008	Special adviser on evolutionary psychology, Psychology Panel, RAE 2008
	2007-	Scientific Advisory Committee, Courant Centre, University of Göttingen, Germany
	2010	Review Panel, Economic and Social Science Research Council (ESRC)
Listed in		<i>Who's Who</i>
		<i>Who's Who in the World</i>
		<i>Madison's Who's Who of Executives & Professionals</i>
		<i>Marquis Who's Who</i>
		<i>Marquis Who's Who in Science & Engineering</i>
		<i>Dictionary of International Biography</i>
		<i>DeBrett's People of Today</i>
Awards/Honours	1971-72	Visiting scholar: Institute of Ethiopian Studies, University of Addis Ababa, Ethiopia
	1974-75	Visiting scholar: Institute of Ethiopian Studies, University of Addis Ababa, Ethiopia
	1979	Visiting scholar: Primate Research Institute, Kyoto University, Japan
	1986	Distinguished Visiting Scholar: Psychology Dept, St Andrews University
	1994-96	Honorary Visiting Professor, Anthropology Dept, University College London
	1994	Osman Hill Medal, Primate Society
	1994	Monro Lecture, Depts of Social Anthropology & Archaeology, Edinburgh University
	1998	Dr van Hofsten Memorial Lecture, Uppsala University (Sweden)
	1998	Elected Fellow of the British Academy
	2003-06	Awarded British Academy Research Professorship
	2005	Galton Lecture 2005, Galton Society
	2007	6th British Academy/British Psychological Society Annual Psychology Lecture
	2009	Stirling Lecture, Dept of Social Anthropology, University of Kent
	2009	Monro Lecture, Depts of Social Anthropology & Archaeology, Edinburgh University
	2010	Elected Fellow of Association of Psychological Science (USA)
	2010	STIAS Fellowship, University of Stellenbosch, S. Africa
	2012	Awarded European Research Council Advanced grant

Recent Research Grants	
	1995-05
	ESRC programme grant: Research Centre in Economic Learning & Social Evolution (with Binmore & Plotkin, UCL) [~£5 million]
	1995-96
	Royal Society NATO Exchange fellowship awarded to Dr Bereczkei (University of Pecs) to spend the year at Liverpool
	1997-78
	Royal Society NATO Exchange fellowship awarded to Dr B.Pawlowski (University of Wroclaw, Poland) to spend a year at Liverpool
	1997
	Unilever Research Laboratories project grant
	1997
	University of Liverpool Research Development Fund
	1998
	Hewlett Packard Research project grant
	1999
	Unilever Research Laboratories project grant
	2001
	University of Liverpool Research Development Fund
	2003-07
	British Academy Research Professorship [£109K]
	2003-07
	Leverhulme Trust project grant (collaboration with Durham and Kent Universities) [£217K]
	2003-10
	British Academy Centenary Project (collaboration with University of Southampton): “Lucy to Language: the Archaeology of the Social Brain” [£1.1 million]
	2006-10
	EPSRC/ESRC (£560K) “Developing theory for evolving socio-cognitive Systems” [collaboration with Manchester and Sheffield Hallam Universities]
	2006
	British Academy (£10K) [Managing violence in Icelandic Viking society; collaboration with Dr A.Wallette, Lund Univ, Sweden]
	2007
	British Academy conference grant (£13K) for conference “Social Brain, Distributed Minds”, London
	2008-10
	EU/FP6 NEST-PATHFINDER programme [EX-REL project: “Explaining Religion”]; collaboration with Belfast, Brunel, Aarhus, Zurich, Sophia
	2008-11
	EU/FP7 “Pervasive Adaptation” programme [SOCIALNETS project: “Social Networking for Pervasive Adaptation [in computer networks]”]; collaboration with Cardiff, Cambridge, Nice, Athens, Rome, Aveiro
	2009
	ESRC seminar grant “Darwin’s Medicine: Evolutionary Psychology and its Applications” [six 1-day workshops held at Universities of Oxford, Edinburgh, Kent and Brunel, University College London, and London Business School]
	2009-12
	EU-FP7 ICT programme [ICTe-Collective: “Harnessing ICT-Enabled Collective Social Behaviour”]: collaboration with Helsinki, Budapest, Warsaw, Rome, Vienna
	2010
	EPSRC Knowledge Transfer Scheme grant (collaboration with O2/Telefonica)
	2012
	Fell Fund (University of Oxford) grant [“Theory of mind: Pilot studies in Greek and Shakesperian tragedy”]
	2012-17
	ERC Advanced grant [“Psychology of relationships, networks and community cohesion”]

Editorships

Journal of Human Evolution (Associate Editor: 1989–1991, and 1993–97)
Animal Behaviour (European Co-editor: 1994, 1995)
Frontiers of Evolutionary Neuroscience (advisory editor: 2008–current)

Advisory Editorial Boards

(ie. those where board members make decisions on papers)

Proceedings of the Royal Society, London (B Series) (2001–2007)
Biology Letters [Royal society, London] (2010–present)
Human Nature (1998– current)
Primates (1990–current)
Journal of Evolutionary Psychology (2003–current)
Int. Journal of Primatology (2003–current)
Journal of Ethology (1999–2001)
Animal Behaviour (1983, 1991–93)

Invited/Plenary Conference Lectures

(since 2000)

2000	CNRS interdisciplinary seminars in social science (Paris)
2000	British Academy and Novartis Foundation meeting, “Evolution of Human Societies” (London)
2000	Swedish Govt. conference on “e-risk: the social impact of IT”, Stockholm.
2000	Discussant: workshops on “The brain and education”, Royal Institution, London.
2000	LASA conference on “Use of primates in toxicology research”, London
2000	European Science Fdn & Primate Society workshop and meeting: "New developments in primatology", London
2000	Institute of Cognitive Neuroscience workshop “What makes humans special?”, London
2000	ASAB Easter conference, Chester.
2001	Plenary lecture: Human Behaviour & Evolution Society conference, London
2001	Distinguished visitor, workshop series on evolutionary psychology, Institute of Advanced Studies, University of Western Australia, Perth
2001	Public lecture: Institute of Advanced Studies, University of Western Australia, Perth
2001	The Graduate School, SUNY, Stonybrook, USA
2001	Konrad Lorenz Institute (Vienna) workshop on “Evolution of Communication”
2002	Royal College of Physicians: “Science of morality”, London
2002	Museum of Archaeology: “Human evolution”, Madrid
2002	Open University Psychology Society: “Evolutionary psychology”, Nottingham
2002	British Academy + Novartis Foundation: “Conceptual knowledge”, London
2002	Public lecture: Max-Planck-Institute for Evolutionary Anthropology, Leipzig
2002	Hungarian Academy of Sciences: “Future of mobile technology”, Budapest
2002	Heads of University Biology Schools: “How to attract better students into biology”, Birmingham
2003	British Psychological Society symposium, Bournemouth
2003	Institute of Cultural Research: “Religion and belief systems”, London
2003	Hungarian Academy of Sciences Small Group Meeting: “Evolution and cognition”, Budapest
2003	Wickler Festschrift Symposium: “Investigating ecological intelligence”, Munich
2003	Instituto Superior de Psicología Aplicada: “Evolutionary Psychology”, Lisbon
2003	Stichting Praemium Erasmianum: “Social life of early humans”, Amsterdam

2003	British Society for Population Demography annual symposium, Bristol
2003	Millenium Lecture, Department of Chemistry, University of Bath
2004	International Primatological Society congress, Turin, Italy
2004	Wenner-Gren Foundation workshop: "Fission-fusion social systems", Tuscany, Italy
2004	ASAB summer conference, Lancaster
2005	Festschrift for Henry Plotkin, Psychology Dept, University College London
2005	10th FinBioNet Symposium, Finland.
2005	Portuguese Primatological Association symposium, Lisbon.
2005	Oxford University Institute of Social Anthropology Centenary symposium.
2005	AHRC Centre for Evolutionary Analysis of Cultural Behaviour conference: "Pattern and Process in Cultural Evolution", University College London
2005	Liverpool University Complexity Science International Colloquium, Liverpool
2005	McDonald Institute of Archaeology, University of Cambridge, conference: "The Human Revolution Revisited", Cambridge
2005	Galton Institute symposium: "Genetic and Environmental Influences on Human Ability", London
2005	Royal Anthropological Institute workshop: "Kinship", Univ of Wales Study Centre, Gregynog
2006	9th Sydney Social Psychology Symposium, Sydney, Australia
2006	British Academy colloquium: "Evolution of Religion", London
2006	Official opening, Leverhulme Centre for Human Evolutionary Studies, Cambridge University
2006	Official opening, new Anthropology building, University College London
2006	ESRC seminar workshop on cultural evolution, University of Edinburgh
2006	Royal Society + Novartis Foundation discussion meeting on "Social Intelligence", London
2006	University of Stellenbosch and NIH, Netherlands, conference "Cradle of Language", Stellenbosch, S. Africa
2006	Primate Society conference, Durham
2007	Primate Society 40th Anniversary conference, London
2007	Institute of Advanced Studies, University of Durham, public lecture series
2007	British Academy/British Psychological Society 6th Annual Psychology Lecture, London
2007	Wellcome Trust "Evolution of Cognition" symposium, Hinxton (Cambridge)
2007	ColdSpring Harbour Lab/MRC workshop "Evolution of the Brain", Oxford
2007	European Human Behaviour & Evolution Society conference, London
2007	6th Goettingen Freilandtage, Goettingen
2008	Association for Science Education annual conference, Liverpool
2008	British NeuroPsychiatry Association annual conference, London
2008	International Primatological Society congress, Edinburgh
2008	44th Nobel Symposium, Gustavus Adolphus College, St Peter, Minnesota, USA
2008	Primate Society of Gt Britain 30th anniversary symposium, London
2009	Pontifical Gregorian University, Rome, conference on 'Evolution and Theology'
2009	ESRC seminar series on 'Darwin's Medicine: Evolutionary Psychology and its Applications', Oxford
2009	WildCRU workshop on "Felids and Primates", Oxford University
2009	Primate Society of Gt Britain symposium, Bournemouth
2009	Stiftung für Verantwortung, Otzenhausen (Germany), conference

2009	Robert Schuman Institute workshop on 'Darwin and the Political Sciences' (European University Institute, Florence)
2009	Official opening: Nuffield College Centre for Experimental Social Sciences
2009	CRASHH symposium on 'Darwinism and the Social Sciences', Cambridge
2009	Netherlands Royal Academy Darwin Bicentennial Symposium
2009	Keynote lecture: Netherlands ZWO symposium on "Evolution and Behaviour", Amsterdam
2009	Utrecht University Symposium on "Evolutionary Psychology"
2009	Darwin's Birthday Lecture: Natural History Museum, London
2010	Lunchtime Lecture: Royal Society of Arts, London
2010	Nobel symposium for 200th Anniversary of Karolinska Institute, Stockholm
2010	Keynote lecture: Social Sciences Research Day, Radboud University, Nijmegen, Holland,
2010	"Obesity: The Welfare Regime", Oxford University
2010	20th anniversary lecture, Centre for Philosophy of Sciences, London School of Economics
2010	"Science and Religious Conflict", James Martin School, Oxford University
2010	"Think Digital" conference, Digitas Health, London
2010	"Operational Adaptation" (US Office of Naval Research), Edinburgh
2010	Keynote lecture: Aalto University and Nokia Research "Social Networks from Science to Technology" conference, Helsinki, Finland
2010	Plenary lecture: 20th anniversary PsyPAG Conference, Sheffield
2010	Royal Society (London) workshop on "Sexual Selection", Kavli Centre
2010	Keynote lecture: British Neuroscience Association, London
2010	Medawar Lecture, University College London
2010	Keynote lecture: "Work Place" conference, London
2011	STIAS workshop on human evolution, Stellenbosch University, S.Africa
2011	Social Neuroscience workshop, Cambridge University
2011	Plenary lecture: World Congress of Psychiatry, Buenos Aires (Argentina)
2012	Keynote lecture: SPERN conference, Stirling, Scotland
2012	Plenary lecture; 30th anniversary conference, Institute of Human origins, Arizona State University, USA
2012	Invited lecture: Trends in Society and Information Technology lecture series, University of California, Irvine, USA
2012	Plenary lecture: ICWSM-12 conference, Dublin
2012	Keynote lecture: Nordic Evolutionary Psychology Association conference, Turku
2012	Keynote lecture: "The PhD Journey" conference, Aberdeen, Scotland

**Recent Seminar Presentations
(since 2000)**

2000-01	Dept of Anthropology, SUNY, Stony Brook (USA) Department of Zoology, University of Cambridge Department of Zoology, University of Leicester Department of Philosophy, University of Liverpool S/Dept of Animal Behaviour, University of Cambridge Dept of Psychology, University of Otago, Dunedin (New Zealand)
2001-02	Max-Planck-Institute for Evolutionary Anthropology, Leipzig Department of Cognitive Neurosciences, Western General Hospital, Edinburgh Department of English, Liverpool University Institute of Advanced Studies, Budapest, Hungary

2002-03	Unilever Research Laboratories, Port Sunlight
2003-04	Psychology Dept, University of Exeter Linguistics Dept, Birkbeck College, London Psychology Dept, Southampton University Psychology Dept, University of Central Lancashire, Preston Psychology Dept, University of Newcastle Archaeology Dept, Southampton University
2004-05	Media Lab, MIT, Cambridge (MA), USA Psychology Dept, University of Stirling
2005-06	Institute of Cognitive Neuroscience, University College London Psychology Dept, University of Plymouth Max-Planck Institute for Psycholinguistics, Nijmegen, Holland School of Biology, University of Wales, and CEH, Bangor
2006-07	Psychology Dept, University of Kent Psychology Dept, University of Wolverhampton Institute of Advanced Studies, University of Durham Linguistics Society, Cambridge University COGS, University of Sussex Psychology Dept, University of Surrey Revenue & Customs senior managers' seminar, HM Treasury, London Institute of Social & Cultural Anthropology, University of Oxford
2007-08	Social Sciences Group, Keble College, Oxford Psychology Department, University of Kent Cambridge University Linguistics Society Psychology Dept, Bristol University Biology Dept, Roehampton University SRC/MRC Research Forum, Magdalen College, Oxford Complex Dynamics seminars, Said Business School, Oxford University Linguistic Circle of Oxford Anthropology Dept, Oxford Brookes University Social Sciences seminar, Nuffield College, Oxford The Reform Club, London
2008-09	Psychology Dept, Edinburgh University Anthropology Dept, Oxford Brookes University Oxford University Biology Society Oxford University Linguistics Society Institute of Social & Cultural Anthropology, Oxford University Social Anthropology Dept, Edinburgh University Psychology Dept, Brunel University
2009-10	Biology Dept, Cardiff University Archaeology & Anthropology Dept, Bristol University

Regents Park College, Oxford
Cambridge University Anthropology Society
Oxford University Anthropology Society
Zoological Society of London scientific meeting

- 2010-11 Psychology Dept, Lincoln University
 Institute of Cognitive Neuroscience, University College London
 MRC Brain & Cognition Unit, Cambridge University
- 2011-12 English Department, University College Cork, Ireland
 University of Santiago, Chile

Public Lectures (since 2000)	2001 BAAS British Festival of Science, Glasgow 2002 <i>Café Scientifique</i> , Nottingham 2003 Darwin Day lecture: British Humanist Association, London 2003 BAAS British Festival of Science, Salford 2004 <i>Café Scientifique</i> , Birmingham 2004 <i>Café Scientifique</i> , ICA, London 2004 Cheltenham Science Festival 2004 Edinburgh Science Festival 2004 Edinburgh Book Festival 2004 Hay-on-Wye Literary Festival 2004 <i>Ways with Words</i> Literary Festival, Dartington 2004 Bath Royal Literary and Scientific Institute 2005 BAAS British Festival of Science, Norwich 2005 <i>Café Scientifique</i> , Bangor 2006 Oxford International Biomedical Centre meeting "What Makes Us Human?" 2006 <i>SciBar Café</i> , Knutsford 2006 Merseyside Archaeological Society, Liverpool 2006 Solway Arts, Lake District 2008 Edinburgh Science Festival 2008 Waynflete seminar, Magdalen College, Oxford, 550th celebrations 2008 Science Oxford 2008 BAAS British Festival of Science, Liverpool 2009 Hay-on-Wye U3A 2010 <i>Words-by-Water</i> Literary Festival, Keswick 2010 Bath Literary Festival 2010 Swindon Literary Festival 2010 Cheltenham Science Festival 2010 <i>SciBar Café</i> , Oxford 2010 <i>Ways With Words</i> Literary Festival, Dartington 2010 Hay-on-Wye U3A 2010 <i>Ten-minute Lectures</i> , University Museum, Oxford University 2010 Edinburgh Book Festival 2010 BAAS British Festival of Science, Birmingham 2010 Oxford Science 2010 Guardian/Cambridge University Press debate on gender differences, London 2010 <i>Intelligence</i> public debate "Must we eat meat?", London 2011 Brighton Science Festival
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<i>2011</i>	Edinburgh Science Festival	
<i>2011</i>	<i>Café Scientifique</i> , Manchester	
<i>2011</i>	Hay-on-Wye Book Festival (2 events)	
<i>2011</i>	“Words by the Water” Book Festival, Cumbria	
<i>2011</i>	“Ways with Words” literary festival, dartington	
<i>2011</i>	Veritas Forum debate, Sheldonian Theatre, Oxford	
<i>2011</i>	Norwich Arts Centre	
<i>2012</i>	Edinburgh Science Festival	
<i>2012</i>	Norwich Arts Festival	
<i>2012</i>	Cheltenham Science Festival	
<i>2012</i>	York Arts festival	
Schools Lectures		
<i>1995</i>	Yale College, Wrexham	
<i>1999</i>	Wotton’s Society, Eton College	
<i>2000</i>	AQA workshop for A-level psychology teachers	
<i>2005</i>	AQA workshop for A-level psychology students, Salford University	
<i>2005</i>	AQA workshop for A-level psychology students, London	
<i>2010</i>	Regional Psychology Day, Tadcaster Grammar School	
<i>2010</i>	Regional Psychology Day, Shrewsbury Sixth Form College	
<i>2011</i>	<i>Café Scientifique</i> , Bicester School	
<i>2012</i>	Sixth form lecture series: Magdalen College School, Brackley	
Research Students Supervised		
<i>1988-97</i>	K.Phillips	Social networks in rhesus macaques
<i>1989-94</i>	G.Cowlishaw	Predation and feeding competition in baboons
<i>1989-95</i>	I.Gilloux	Social skills in orang-utans
<i>1990-95</i>	L.Barrett	Foraging decisions in mangabeys
<i>1990-97</i>	B.Greiser	Impact of tourism on chimpanzees
<i>1990-94</i>	C.Roberts	Territorial behaviour in klipspringer antelope
<i>1990-94</i>	C.Kenyatta	Maternal time budgets of baboons
<i>1991-95</i>	S.O'Connell	Theory of mind in chimpanzees
<i>1992-96</i>	N.Koyama	Reconciliation in Japanese macaques
<i>1993-98</i>	J.Casperd	Reconciliation in chimpanzees
<i>1993-97</i>	R.Pastor-Nieto	Social behaviour of captive spider monkeys
<i>1993-97</i>	D.Williamson	A model of chimpanzee socioecology
<i>1993-96</i>	D.Nettle	Evolution and diversity of languages
<i>1993-99</i>	D.Hawkins	A test of the baboon time budgets model
<i>1993-99</i>	D.Dutton	Personality and socio-cognitive skills in chimpanzees
<i>1994-98</i>	L.Harste	Social behaviour of mouse lemurs
<i>1994-99</i>	L.Painter	Behavioural ecology of peccaries
<i>1994-99</i>	R.Wallace	Behavioural ecology of spider monkeys
<i>1994-99</i>	V.Adamczak	Territorial behaviour of oribi antelope
<i>1995-99</i>	R.Hill	Behavioural responses to ecological stress in baboons
<i>1995-00</i>	D.Lan	Behavioural ecology of gibbons
<i>1996-00</i>	R.Swarbrick	Theory of mind in normal and paranoid individuals
<i>1996-01</i>	C.Hunter	Foraging decisions of gelada baboons
<i>1996-01</i>	M.Strate	Vocalisations of gelada baboons
<i>1998-02</i>	L.Bellingham	Conflict management in Barbary macaques
<i>1998-02</i>	J. Shi	Foraging decisions of feral goats
<i>1999-03</i>	K.Lloyd	Mating strategies of male feral goats

<i>1999-02</i>	S.Grainger	Teenage motherhood as a reproductive strategy
<i>1999-04</i>	L.Hannah-Stewart	Managing social relationships in baboons and chimpanzees
<i>2000-03</i>	S.Shultz	African raptors as predators of primates
<i>2001-04</i>	M. Nelson	Evolution of grandmaternal strategies
<i>2001-08</i>	R. Espino-Patino	Functional significance of celibacy in human societies
<i>2001-06</i>	K.Kaskatis	Evolutionary significance of music
<i>2002-06</i>	M.Mehu	Mate choice strategies in humans
<i>2002-07</i>	I.Morais	Development of socio-cognitive skills in monkeys
<i>2002-06</i>	Y.Russell	Social cognition in primates
<i>2003-09</i>	M. Lyons	Honesty and freeriders in small group interactions
<i>2006-10</i>	C.Bettridge	Modelling early hominid socio-ecology
<i>2008-</i>	K.Opie	Social evolution in the later hominins
<i>2008-</i>	I.Behncke	Play and social bonding in bonobos
<i>2009-</i>	E.Pearce	Cultural evolution in later hominins
<i>2010-</i>	N.Oesch	Social effects of network structure
<i>2010-</i>	R.Wlodarski	Human mating strategies
<i>2010-</i>	B.Tarr	Evolutionary functions of dance
MPhil Students:		
<i>1999-01</i>	P.Plancke	Social organisation of tamarin and squirrel monkey groups
<i>2005-07</i>	K.Andrews	Social networks and grooming in monkeys

R.I.M. Dunbar

Publications

To date, I have published 20 authored or edited books or special journal issues, 310 articles in scientific journals, 7 technical reports on commercially commissioned research, and over some 100 pieces of science journalism and 130 book reviews.

Academic Books

- 1975 **Dunbar, R.** & Dunbar, P.: *Social Dynamics of Gelada Baboons*. Karger, Basel.
- 1982 Bertram, B., Clutton-Brock, T., **Dunbar, R.**, Rubenstein, R. & Wrangham, R. (eds): *Current Problems in Sociobiology*. Cambridge University Press.
- 1984 **Dunbar, R.**: Reproductive Decisions: *An Economic Analysis of Gelada Baboon Social Strategies*. Princeton University Press.
- 1988 **Dunbar, R.**: *Primate Social Systems*. Chapman & Hall, London [Cornell Univ Press in USA]
- 1995 **Dunbar, R.** (ed): *Human Reproductive Decisions: Biological and Social Perspectives*. Macmillan.
- 1996 Maynard Smith, J., Runciman, G. & **Dunbar, R.** (eds): *Evolution of Culture and Language in Primates and Humans*. British Academy Press & Oxford University Press.
- 1999 **Dunbar, R.**, Knight, C. & Power, C. (eds) *The Evolution of Culture*. Edinburgh University Press. [Arabic translation, 2005]
- 2000 Cowlishaw, G. & **Dunbar, R.**: *Primate Conservation Biology*. Chicago University Press.
- 2002 Barrett, L., **Dunbar, R.** & Lycett, J.: *Human Evolutionary Psychology*. Macmillan/Palgrave and Princeton University Press. [with Czech and Japanese translations].
- 2005 **Dunbar, R.** (guest editor): *Darwinism and Literature*. Special issue of *J. Cult. Evol. Psych.* Vol.3 (1): 1-108.
- 2007 **Dunbar, R.** & Barrett, L. (eds): *Oxford Handbook of Evolutionary Psychology*. Oxford Univ Press.
- 2008 Allen, N.J., Callan, H., **Dunbar, R.** & James, W. (eds): *Early Human Kinship: From Sex to Social Reproduction*. Blackwell.
- 2009 **Dunbar, R.**, Gamble, C. & Gowlett, J. (eds): *Social Brain, Distributed Mind*. Oxford University Press.
- 2012 Freeberg, T., **Dunbar, R.** & Ord, T. (eds). *The Social Network and Communicative Complexity in Animals*. Phil. Trans. R. Soc. Lond. [special issue].

Popular Science Books

- 1986 **Dunbar, R.**: *The World of Nature*. Gallery Books, New York.
- 1995 **Dunbar, R.**: *The Trouble With Science*. Faber & Faber, London. [Italian, Polish, Turkish, Chinese & Japanese editions]
- 1996 **Dunbar, R.**: *Grooming, Gossip and the Evolution of Language*. Faber & Faber, London. [Dutch, German, Swedish, Japanese, Italian, Spanish and US editions]
- 1996 **Dunbar, R.**: *The Trouble With Science*. [revised US edition] Harvard University Press.
- 2000 **Dunbar, R.** & Barrett, L.: *Cousins*. BBC Worldwide. [with French, German and US editions]
- 2004 **Dunbar, R.**: *The Human Story*. Faber & Faber. [with Portuguese, Italian and Chinese editions]

- 2005 **Dunbar, R.**, Barrett, L. & Lycett, J.: *Evolutionary Psychology: A Beginner's Guide*. OneWorld: Oxford. [with Chinese edition]4
- 2010 **Dunbar, R.**: *How Many Friends Does One Person Need? Dunbar's Number and Other Evolutionary Quirks* (Faber, London) [with Italian, Polish, Russian, Romanian, Turkish, Arabic, Japanese, Korean, Mandarin, Cantonese, Malayan and US editions]
- 2012 **Dunbar, R.**: *The Science of Love and Betrayal*. (Faber, London) [with Spanish, Italian, Dutch and Latvian editions]

Technical Reports

- 1990 Dunbar, R.: Report on the PSGB teaching survey. *Primate Eye* 42: 28-30.
- 1998 Dunbar, R. & Dickins, D.: *Self-Grooming Behaviour During Showering*. Report for Unilever Research Laboratories, Port Sunlight; 45 pp.
- Dickins, D. & Dunbar, R.: *Body Regions Visited During Display Showers for Advertising*. Report for Unilever Research Laboratories, 13 pp.
- Dunbar, R. & Lycett, J.: *Human Social Networks: A Report on the First JetSend Trial*. Report for Hewlett Packard Research, 42 pp.
- Dunbar, R., Dickins, D. & Hill, R.: *Showering Behaviour: The Effects of Using Bathing Aids*. Report for Unilever Laboratories, Port Sunlight; 41 pp.
- Dunbar, R., and others : The Use of Primates Under the Animals (Scientific Procedures) Act (1986): Analysis of Current Trends with Particular Reference to regulatory Toxicology. Report to the Minister of State on behalf of Home Office Animal Procedures Committee. Published by HMSO, London. 40 pp.
- 2003 Dunbar, R. & Mehu, M.: *Patterns of Grooming and Self-Touching in Naturalistic Situations*. Report for Unilever Research Laboratories, Port Sunlight; 73 pp.
- 2012 Dunbar, R.: *Speak Up, Speak Out*. Report for the Holocaust Memorial Day Trust; 8 pp.

Scientific Publications

Manuscripts in press

- Bettridge, C. & Dunbar, R.: Perceived risk and predation in primates: predicting minimum permissible group size. *Folia Primat.*
- Bettridge, C. & Dunbar, R.: Modelling the biogeography of fossil baboons. *Int. J. Primatol.*
- Burnham, D., Bearder, S., Cheyne, S., Dunbar, R., Macdonald, D.: A taste of predation past: is nocturnal behaviour in primates explained by the threat of predation by cats? *Folia Primat.*
- Curry, O., Roberts, S. & Dunbar, R.: Altruism in social networks: evidence for a "kinship premium". *Brit. J. Psychol.*
- Dunbar, R.: Putting evolution back into the social sciences. *Journal of Evolutionary Psychology*.
- Dunbar, R.: Reflections on the evolution of the human psyche. In: K.Summers & B.Crespi (eds) *Cornerstone to Capstone: Richard Alexander on Social Selection and the Arts*. Oxford Univ. Press.
- Dunbar, R.: Anthropology and Neo-Darwinism. In: T. Marchand et al. (eds) *ASA Handbook of Social Anthropology*. Sage
- Dunbar, R.: Social cognition on the internet: testing constraints on social network size. *Phil. Trans. R. Soc. Lond.* 000B: 000-000.
- Dunbar, R.: On the evolutionary function of song and dance. In: N.Bannan & S.Mithen (eds) *Music, Language and Human Evolution*. Oxford Univ Press.
- Dunbar, R.: The social brain in developmental perspective: neuro-evolution and implications for social cognitive development. In: Legerstee, M., Haley, D. & Bornstein, M. (eds.) *Developing Infant Mind: Integrating Biology and Experience*.

Guildford Press.

- Dunbar, R. & Shi, J.: Time as a constraint on the distribution of feral goats at high latitudes. *Oikos*
- Gowlett, J., Gamble, C. & Dunbar, R.: Human evolution and the archaeology of the social brain. *Curr. Anthropol.*
- Shultz, S. & Dunbar, R.: Social cognition and cortical function: an evolutionary perspective. In: J. Shulkin (ed) *Action, Perception and the Brain*. Palgrave-Macmillan.
- Shultz, S. & Dunbar, R.: The social brain hypothesis: an evolutionary perspective on the neurobiology of social behaviour. In: S. Richmond, S. Edwards & G. Rees (eds.) *I Know What You Are Thinking: Brain Imaging and Mental Privacy*. Oxford UP.
- Shultz, S., Nelson, E. & Dunbar, R.: Hominin cognitive evolution: identifying patterns and processes in the fossil and archaeological record. *Phil. Trans. R. Soc. Lond. B*
- Vlahovic, T., Roberts, S. & Dunbar, R.: Effects of duration and laughter on subjective happiness within different modes of communication. *J. Comp.-Med. Commun.*
- 2012 Bourrat, P., Atkinson, Q. & Dunbar, R.: Supernatural punishment and individual social compliance across cultures. *Religion, Brain & Behavior* 0: 00-00.
- Dunbar, R.: The social brain meets neuroimaging. *Trends in Cog. Sci.* 16: 101-102.
- Dunbar, R.: Bridging the bonding gap: the transition from primates to humans. *Phil. Trans. R. Soc. Lond.* 367B: 1837-1846.
- Dunbar, R.: Obesity: an evolutionary perspective. In: Offer, A., Pechey, R. & Ulijaszek, S. (eds) *Insecurity, Inequality and Obesity in Affluent Societies*, pp.55-68. Oxford University Press.
- Dunbar, R.: Instant Expert #21: Evolution of social networks. *New Scientist* 214: 1-8.
- Dunbar, R. & Sutcliffe, A.: Social complexity and intelligence. In: J. Vonk & T. Shackelford (eds) *Oxford Handbook of Comparative Evolutionary Psychology*, pp. 102-117. Oxford University Press.
- Dunbar, R., Baron, R., Frangou, A., Pearce, E., van Leeuwen, E.J.C., Stow, J., Partridge, P., MacDonald, I., Barra, V., & van Vugt, M.: Social laughter is correlated with an elevated pain threshold. *Proc. R. Soc. Lond.* 279B: 1161-1167.
- Freeberg, T., Dunbar, R. & Ord, T.: The social network and communicative complexity: preface to theme issue. *Phil. Trans. R. Soc. Lond.* 367B: 1782-1784.
- Freeberg, T., Dunbar, R. & Ord, T.: Social complexity as a proximate and ultimate factor in communicative complexity. *Phil. Trans. R. Soc. Lond.* 367B: 1785-1801.
- Grove, M., Pearce, E. & Dunbar, R.: Fission-fusion and the evolution of hominin social systems. *J. Human Evol.* 62: 191-200.
- Palchykov, V., Kaski, K., Kertész, J., Barabási, A.-L. & Dunbar, R.: Sex differences in intimate relationships. *Nature Scient. Repts.* 2: 320.
- Pearce, E. & Dunbar, R.: Latitudinal variation in light levels drives human visual system size. *Biol. Lett.* 8: 90-93.
- Powell, J., Lewis, P., Roberts, N., García-Fiñana, M. & Dunbar, R.: Orbital prefrontal cortex volume predicts social network size: an imaging study of individual differences in humans. *Proc. R. Soc. Lond.* 279B: 2157-2162.
- Sutcliffe, A., Dunbar, R., Binder, J. & Arrow, H.: Relationships and the social brain: integrating psychological and evolutionary perspectives. *Brit. J. Psychol.* 103: 149-168.

- 2011 Burton-Chellew, M. & Dunbar, R.: Are affines treated as biological kin? A test of Hughes' hypothesis. *Current Anthropology* 52: 741-746.
- Curry, O. & Dunbar, R.: Altruism in networks: the effect of connections. *Biol. Lett.* 7: 651-653.
- Dunbar, R.: Evolutionary basis of the social brain. In: J.Decety & J.Cacioppo (eds) *Oxford Handbook of Social Neuroscience*, pp. 28-38. Oxford University Press.
- Dunbar, R.: Gossip and the social origins of language. In: M.Tallerman & S.Gibson (eds) *Oxford Handbook of Language Evolution*, pp. 000-000. Oxford University Press.
- Dunbar, R.: How humans came to be so different from monkeys and apes. In: G.Auletta, M.Leclerc & R.Martinez (eds) *Biological Evolution: Facts and Theories*, pp. 275-290. Gregorian Press: Rome.
- Dunbar, R.: Grooming, gossip and the evolution of language. In: P.Hogan (ed) *Cambridge Encyclopedia of Languages Sciences*, pp. 351-353. Cambridge Univ. Press.
- Dunbar, R.: Constraints on the evolution of social institutions and their implications for information flow. *J. Institutional Econ.* 7: 345-371.
- Dunbar, R.: Evolutionary psychology in the round. In: X.T.Wang (ed) *Thus Spake Evolutionary Psychologists*, pp. 23-31. Peking University Press.
- Gamble, C., Gowlett, J. & Dunbar, R.: The social brain and the shape of the Palaeolithic. *Camb. Arch. J.* 21: 115-135.
- Lewis, P., Rezaie, R., Browne, R., Roberts, N. & Dunbar, R.: Ventromedial prefrontal volume predicts understanding of others and social network size. *NeuroImage* 57: 1624-1629.
- Machin, A. & Dunbar, R.: The brain opioid theory of social attachment: a review of the evidence. *Behaviour* 148: 985-1025.
- Passarella, A., Conti, M., Boldrini, C. & Dunbar, R.: Modelling inter-contact times in social pervasive networks. *MSWiM 2011*, pp. 1-8.
- Pollet, T., Roberts, S. & Dunbar, R.: Use of social network sites and instant messaging does not lead to increased offline social network size, or to emotionally closer relationships with offline network members. *Cyberpsych. Behav. Soc. Net.* 14: 253-258.
- Pollet, T. V., Roberts, S. & Dunbar, R.: Extraverts have larger social network layers but do not feel emotionally closer to individuals at any layer. *J. Indiv. Diffs.* 32: 161-169.
- Roberts, S. & Dunbar, R.: The costs of family and friends: an 18-month longitudinal study of relationship maintenance and decay. *Evol. Human Behav.* 32: 186-197.
- Roberts, S. & Dunbar, R.: Communication in social networks: effects of kinship, network size and emotional closeness. *Pers. Relationships* 18: 439-452.
- Russell, Y., Dunbar, R. & Gobet, F.: Euphoria versus dysphoria: differential cognitive roles in religion? In: S.Masmoudi, A.Naceur & D.Dai (eds.) *Attention, Representation & Performance: Integration of Cognition, Emotion & Motivation*, pp. 145-163. Psychology Press.
- 2010 Bettridge, C., Lehmann, J. & Dunbar, R.: Trade-offs between time, predation risk and life history, and their implications for biogeography: a systems modelling approach with a primate case study. *Ecol. Modelling* 221: 777-790.
- Cohen, E., Ejmond-Frey, R., Knight, N. & Dunbar, R.: Rowers' high: behavioural synchrony is correlated with elevated pain thresholds. *Biol. Lett.* 6: 106-108.
- Dunbar, R.: The social role of touch in humans and primates: behavioural function and neurobiological mechanisms. *Neurosci. Biobehav. Rev.* 34: 260-268.

- Dunbar, R.: Brain and behaviour in primate evolution. In: P.H.Kappeler & J.Silk (eds) *Mind the Gap: Tracing the Origins of Human Universals*, pp. 315-330. Springer.
- Dunbar, R.: The social brain and its implications. In: Frey, U., Störmer, C. & Willführ, K. (eds) *Homo novus: A Human Without Illusions*, pp. 65-77. Springer.
- Dunbar, R.: Why humans turned out to be so different. In: P.Fischer & K. Wiegandt (eds) *Evolution und Kultur des Menschen*, pp. 244-269. Fisher Verlag.
- Dunbar, R. & Shultz, S.: Bondedness and sociality. *Behaviour* 147: 775-803.
- Korstjens, A., Lehmann, J. & Dunbar, R.: Resting time as an ecological constraint on primate biogeography. *Anim. Behav.* 79: 361-374.
- Lehmann, J., Korstjens, A. & Dunbar, R.: Apes in a changing world – the effects of global warming on the behaviour and distribution of African apes. *J. Biogeog.* 37: 2217-2231.
- Powell, J., Lewis, P., Dunbar, R., García-Fiñana, M. & Roberts, N.: Orbital prefrontal cortex volume correlates with social cognitive competence. *Neuropsychologia* 48: 3554-3562.
- Shi, J., Dunbar, R. & Beauchamp, G.: Group-size effect on vigilance and foraging in a predator-free population of feral goats (*Capra hircus*) on the Isle of Rum, NW Scotland. *Ethology* 116: 329-337.
- Shultz, S. & Dunbar, R.: Social bonds in birds are associated with brain size and contingent on the correlated evolution of life-history and increased parental investment. *Biol. J. Linn. Soc.* 100: 111-123.
- Shultz, S. & Dunbar, R.: Species differences in executive function correlate with hippocampus volume and neocortex ratio across non-human primates. *J. Comp. Psychol.* 124: 252-260.
- Shultz, S. & Dunbar, R.: Encephalisation is not a universal macroevolutionary phenomenon in mammals but is associated with sociality. *PNAS* 107: 21582-21586.
- 2009
- Dunbar, R.: Darwin and the ghost of Phineas Gage: neuro-evolution and the social brain. *Cortex* 45: 1119-1125.
- Dunbar, R.: The social brain hypothesis and its implications for social evolution. *Ann. Human Biol.* 36: 562-572.
- Dunbar, R.: Mind the bonding gap: constraints on the evolution of hominin societies. In: S.Shennan (ed) *Pattern and Process in Cultural Evolution*, pp. 223-234. University of California Press.
- Dunbar, R.: Why only humans have language. In: R.Botha & C.Knight (eds) *The Prehistory of Language*, pp. 12-35. Oxford UP.
- Dunbar, R.: Deacon's dilemma: the problem of pairbonding in human evolution. In: R.Dunbar, C.Gamble & J.Gowlett (eds) *Social Brain, Distributed Mind*, pp. 159-179. Oxford University Press.
- Dunbar, R., Gamble, C., & Gowlett, J.: Social brain, distributed mind. In: R.Dunbar, C.Gamble & J.Gowlett (eds) *Social Brain, Distributed Mind*, pp.3-15. Oxford University Press.
- Dunbar, R., Korstjens, A. & Lehmann, J.: Time as an ecological constraint. *Biol. Rev.* 84: 413-429.
- Fedurek, P. & Dunbar, R.: What does mutual grooming tell us about why chimpanzees groom? *Ethology* 115: 566-575.
- Grainger, S. & Dunbar, R.: The structure of dyadic conversations and sex differences in social style. *J. Evol. Psychol.* 7: 83-93.
- Lehmann, J. & Dunbar, R.: Implications of body mass and predation for ape social system and biogeographical distribution. *Oikos* 118: 379-390.
- Lehmann, J. & Dunbar, R.: Network cohesion, group size and neocortex size in

- female-bonded Old World primates. *Proc. R. Soc. Lond.* 276B: 4417-4422.
- Lehmann, J., Andrews, K. & Dunbar, R.: Social networks and social complexity in female-bonded primates. In: R.Dunbar, C.Gamble & J.Gowlett (eds) *Social Brain, Distributed Mind*, pp. 57-83. Oxford University Press.
- Lu, Y-E., Roberts, S., Lió, P., Dunbar, R.I.M. & Crowcroft, J.: Size matters: variation in personal network size, personality and effect on information transmission, In Proceedings of IEEE International Conference on Social Computing, Vancouver, Canada, 2009.
- Lu, Y-E., Roberts, S., Cheng, T., Dunbar, R.I.M., Lió, P. & Crowcroft, J.: On optimising personal network and managing information flow. In Proceedings of 18th ACM Conference of Information and Knowledge Management (CIKM), Complex Network Information and Knowledge Management workshop, Hong Kong, 2009.
- Roberts, S., Dunbar, R., Pollet, T. & Kuppens, T.: Exploring variations in active network size: constraints and ego characteristics. *Social Networks* 31: 138-146.
- Shi, J. & Dunbar, R.: Foraging ecology of feral goats on the Isle of Rum, NW Scotland. *Acta Ther. Sinica* 29: 116-124.
- 2008 Adamczak, V. & Dunbar, R.: Variation in the mating system of oribis and their ecological determinants. *Afr. J. Ecol.* 45: 197-206.
- Allen, S.A., Conti, M., Crowcroft, J., Dunbar, R., Lio', P., Mendes, J.F., Molva, R., Passarella, A., Stavrakakis, I., & Whitaker, R.M.: Social networking for pervasive adaptation. In: *Workshop on Pervasive Adaptation (PERADA)*, SASO 2008.
- Aureli, F., Schaffner, C., Boesch, C., Bearder, S., Call, J., Chapman, A., Connor, R., Di Fiore, A., Dunbar, R., Henzi, P., Holekamp, K., Korstjens, A., Layton, R., Lee, P., Lehmann, J., Manson, J., Ramos-Fernández, G., Strier, K. & van Schaik, C.: Fission-fusion dynamics: new research frameworks. *Curr. Anthropol.* 49: 627-654.
- Deeley, Q., Daly, E., Asuma, R., Surguladze, S., Giampietro, V., Brammer, M., Hallahan, B., Dunbar, R., Phillips, M., & Murphy, D.: Changes in male brain responses to emotional faces from adolescence to middle age. *NeuroImage* 40: 389-397.
- Dunbar, R.: Why humans aren't just great apes. *Brit. Acad. Review* 9: 15-17.
- Dunbar, R.: Why humans aren't just great apes. *Issues in Ethnology and Anthropology* 3: 15-33.
- Dunbar, R.: Social brain: evolution. In L.R.Squire (ed) *New Encyclopedia of Neuroscience*. Academic Press: Oxford.
- Dunbar, R.: Mind the gap: or why humans aren't just great apes. *Proc. Brit. Acad.* 154: 403-423.
- Dunbar, R.: Evolution in Anthropology: a comment on Nettle's 'Beyond Nature versus Culture'. *JRAI (NS)* 15: 244-246.
- Dunbar, R.: Cognitive constraints on the structure and dynamics of social networks. *Group Dynamics* 12: 7-16.
- Dunbar, R.: Taking evolutionary psychology seriously. *The Psychologist* 21: 2-4.
- Dunbar, R.: Kinship in biological perspective. In: Allen, N.J., Callan, H., Dunbar, R. & James, W., (eds) *Early Human Kinship*, pp. 131-150. Blackwell.
- Dunbar, R. & Kenyatta, C.: Kinship, risk and the willingness to invest. *J. Evol. Psychol.* 6: 117-128.
- Dunbar, R. & Shi, J.: Sex differences in feeding activity results in sexual segregation of feral goats. *Ethology* 114: 444-451.
- Gowlett, J. & Dunbar, R.: A brief overview of human evolution. In: Allen, N.J., Callan, H., Dunbar, R. & James, W., (eds) *Early Human Kinship*, pp. 21-24. Blackwell.

- Hill, R., Bentley, A. & Dunbar, R.: Network scaling reveals consistent fractal pattern in hierarchical mammalian societies. *Biol. Lett.* 4: 748-751.
- Iredale, W., van Vugt, M. & Dunbar, R.: Showing off in humans: male generosity as a mating signal. *Evol. Psychol.* 6: 386-392.
- Lehmann, J., Korstjens, A. & Dunbar, R.: Time management in great apes: implications for gorilla biogeography. *Evol. Ecol. Research* 10: 515-536.
- Lehmann, J., Korstjens, A. & Dunbar, R.: Time and distribution: a model of ape biogeography. *Ethol. Ecol. Evol.* 20: 337-359.
- Mehu, M. & Dunbar, R.: Relationship between smiling and laughter in humans: testing the power asymmetry hypothesis. *Folia Primatol.* 79: 269-280.
- Mehu, M., & Dunbar, R.: Naturalistic observations of smiling and laughter in human group interactions. *Behaviour* 145: 1747-1780.
- Mehu, M., Little, A. & Dunbar, R.: Sex differences in the effect of smiling on social judgments: An evolutionary approach. *J. Soc. Evol. Cult. Psych.* 2: 103-121.
- Pollet, T. & Dunbar, R.: Childlessness affects helping of nieces and nephews in United States, 1910. *J. Biosocial Sci.* 40: 761-770.
- Roberts, S., Wilson, R., Fedurek, P. & Dunbar, R.: Individual differences and personal social network size and structure. *Pers. Individ. Diffs.* 44: 954-964.
- Russell, Y., Call, J. & Dunbar, R.: Image scoring in great apes. *Behav. Processes* 78: 108-111.
- 2007**
- Dunbar, R.: The social brain hypothesis and its relevance to social psychology. In: J.Forgas, M.Haselton & W. von Hippel (eds) *Evolution and the Social Mind*, pp. 21-31. Psychology Press: New York.
- Dunbar, R.: Male and female brain evolution is subject to contrasting selection pressures in primates. *BMC Biology* 5: 21.
- Dunbar, R.: Morality and the social brain. In: G.Walker (ed) *The Science of Morality*, pp.81-92. Royal College of Physicians, London.
- Dunbar, R.: Why hominids had big brains. In W.Roebroeks (ed) *Guts and Brains: An Integrative Approach to the Hominin Record*, pp. 91-106. Leiden University Press.
- Dunbar, R.: The brain and cognition in evolutionary perspective. In: S.Platek, J.Keenan & T.Shackleford (eds) *Evolutionary Cognitive Neuroscience*. Pp. 21-46. MIT Press.
- Dunbar, R.: The evolution of the social brain. In: S.Gangestad & J.Simpson (eds) *The Evolution of Mind: Fundamental Questions and Controversies*, pp. 280-286. Guilford Press.
- Dunbar, R.: Evolution and the social sciences. *Hist. Human Sci.* 20: 29-50.
- Dunbar, R.: The biological in the social: evolutionary approaches to human behaviour. In: D. Parkin & S.J.Ulijaszek (eds) *Holistic Anthropology: Emergence and Convergence*, pp. 52-71. Berghahn: Oxford.
- Dunbar, R.: Why are humans not just great apes? In: C.Pasternak (ed) *What Makes Us Human?* Pp. 37-48. OneWorld: Oxford.
- Dunbar, R.: The social brain and the cultural explosion of the human revolution. In: P.Mellars & C.Stringer (eds) *Rethinking the Human Revolution*, pp.91-98. McDonald Institute: Cambridge.
- Dunbar, R. & Barrett, L.: Evolutionary psychology in the round. In: R.Dunbar & L.Barrett (eds) *Oxford Handbook of Evolutionary Psychology*, pp. 3-9. Oxford UP.
- Dunbar, R. & Shultz, S.: Understanding primate brain evolution. *Phil. Trans. R. Soc. Lond.*, 362B: 649-658.
- Dunbar, R. & Shultz, S.: Evolution in the social brain. *Science* 317: 1344-1347.
- Henzi, P., de Sousa Pereira, L., Hawker-Bond, D., Stiller, J., Dunbar, R., &

- Barrett, L.: Look who's talking: developmental trends in the size of conversational cliques. *Evol. Human Behav.* 28: 66-74.
- Korstjens, A. & Dunbar, R.: Time constraints limit group sizes and distribution in red and black-and-white colobus monkeys. *Int. J. Primatol.* 28: 551-575.
- Lehmann, J., Korstjens, A. & Dunbar, R.: Fission-fusion social systems as a strategy for coping with ecological constraints: a primate case. *Evol. Ecol.* 21: 613-634.
- Lehmann, J., Korstjens, A. & Dunbar, R.: Group size, grooming and social cohesion in primates. *Anim. Behav.* 74: 1617-1629.
- Madsen, E., Tunney, R., Fieldman, G., Plotkin, H., Dunbar, R., Richardson, J. & McFarland, D.: Kinship and altruism: a cross-cultural experimental study. *Brit. J. Psychol.* 98: 339-359.
- Mehu, M., Grammer, K. & Dunbar, R.: Smiles when sharing. *Evol. Human Behav.* 6: 415-422.
- Mehu, M., Little, A. & Dunbar, R.: Duchenne smiles and the perception of generosity and sociability in faces. *J. Evol. Psychol.* 7: 183-196.
- Pawlowski, B., Atwal, R., & Dunbar, R.: Gender differences in everyday risk-taking. *Evol. Psychol.* 6: 29-42.
- Pérez-Barbería, J., Shultz, S. & Dunbar, R.: Evidence for intense coevolution of sociality and brain size in three orders of mammals. *Evolution* 61: 2811-2821.
- Shultz, S. & Dunbar, R.: The evolution of the social brain: Anthropoid primates contrast with other vertebrates. *Proc. R. Soc. Lond.* 274B: 2429-2436.
- Stiller, J. & Dunbar, R.: Perspective-taking and memory capacity predict social network size. *Social Networks* 29: 93-104.
- 2006
- Dunbar, R.: Taking social intelligence seriously. In: R.A.Peel & M.Zeki (ed) *Genetic and Environmental Influences on Human Ability*, pp. 47-50. Galton Institute: London.
- Dunbar, R.: Why God wont go away. *Proc. Bath Roy. Lit. Scient. Inst.* 9: 79-83.
- Dunbar, R.: Putting humans in their proper place. *Behav. Brain Sci.* 29: 15-16.
- Dunbar, R.: Brains, cognition and the evolution of culture. In: S.Levinson & P.Jaissson (eds) *Evolution and Culture*, pp. 169-180. MIT Press.
- Calhim, S., Shi, J. & Dunbar, R.: Sexual segregation among feral goats: testing between alternative hypotheses. *Anim. Behav.* 72: 31-41.
- Deady, D., Law Smith, M., Kent, J. & Dunbar, R.: Is priesthood an adaptive strategy? Evidence from a historical Irish population. *Human Nature* 17: 393-404.
- Korstjens, A., Verhoeckx, I. & Dunbar, R.: Time as a constraint on group size in spider monkey. *Behav. Ecol. Sociobiol.* 60: 683-694.
- Mesoudi, A., Whiten, A. & Dunbar, R.: A bias for social information in human cultural transmission. *Brit. J. Psychol.* 97: 405-423.
- Pollet, A., Kuppens, T. & Dunbar, R.: When nieces and nephews become important: differences between childless women and mothers in relationships with nieces and nephews. *J. Cult. Evol. Psychol.* 4: 83-94.
- Sedikides, C., Skowronski, J.J. & Dunbar, R.I.M.: When and why did the human self evolve? In: M.Schaller, J.Simpson & D.Kenrick (eds) *Evolution and Social Psychology*, pp. 219-234. New York: Psychology Press
- Shi, J., Dunbar, R., Li, D., & Xiao, W.: Influence of climate and daylength on the activity budgets of feral goats (*Capra hircus*) on the Isle of rum, Scotland. *Zool. Res.* 27: 561-568.
- Shultz, S. & Dunbar, R.: Both social and ecological factors predict ungulate brain size. *Proc. R. Soc. Lond.*, 273B: 207-215.
- Shultz, S. & Dunbar, R.: Chimpanzee and felid diet composition is influenced by prey brain size. *Biol. Lett.* 2: 505-508.

- 2005 Dunbar, R.: Why are good writers so rare? An evolutionary perspective on literature. *J. Cult. Evol. Psych.* 3: 7-22.
- Dunbar, R., McAdam, M. & O'Connell, S.: Mental rehearsal in great apes and humans. *Behav. Processes* 69: 323-330.
- Mulcahy, N., Call, J. & Dunbar, R.: Gorillas (*Gorilla gorilla*) and orangutans (*Pongo pygmaeus*) encode relevant problem features in a tool-using task. *J. Comp. Psychol.* 119: 28-32.
- O'Connell, S. & Dunbar, R.: The perception of causality in chimpanzees. *Anim. Cognition* 8: 60-66.
- Pawlowski, B. & Dunbar, R.: Waist:hip ratio vs BMI as predictors of fitness in women. *Human Nat.* 16: 50-63.
- Shi, J. & Dunbar, R.: Feeding competition within a feral goat population on the Isle of Rum, NW Scotland. *J. Ethol.* 69: 185-199.
- Shi, J., Dunbar, R., Buckland, D. & Miller, D.: Dynamics of grouping patterns and social segregation in feral goats (*Capra hircus*) on the Isle of Rum, NW Scotland. *Mammalia* 69: 185-199.
- Waller, B. & Dunbar, R.: Differential behavioural effects of 'smiling' and 'laughing' in chimpanzees (*Pan troglodytes*). *Ethology* 111: 129-142.
- Zhou, W-X., Sornette, D., Hill, R.A. & Dunbar, R.: Discrete hierarchical organization of social group sizes. *Proc. R. Soc. Lond.* 272B: 439-444.
- Dunbar, R.: Social cognition as a constraint on social interaction: an evolutionary perspective. *J. Cult. Evol. Psych.* 2: 181-194.
- Dunbar, R.: Gossip in evolutionary perspective. *Rev. Gen. Psych.* 8: 100-110.
- Dunbar, R.: Language, music and laughter in evolutionary perspective. In: D.K.Oller & U.Griebel (eds) *Evolution of Communication Systems: A Comparative Approach*, pp. 257-274. MIT Press.
- Stiller, J., Nettle, D., & Dunbar, R.: The small world of Shakespeare's plays. *Human Nat.* 14: 397-408.
- Shultz, S., Noe, R., McGraw, S. & Dunbar, R.: A community-level evaluation of the impact of prey behavioural and ecological characteristics on predator diet composition. *Proc. R. Soc. Lond.*, 271B: 725-732.
- 2003 Barrett, L., Henzi, S.P. & Dunbar, R.: Primate cognition: from 'what now?' to 'what if?' *Trends Cogn. Sci* 7: 494-497.
- Dunbar, R.: Evolution of the social brain. *Science* 302: 1160-1161.
- Dunbar, R.: Why are apes so smart? In: P.Kappeler & M.Pereira (eds) *Primate Life Histories and Socioecology*, pp. 285-298. Chicago UP.
- Dunbar, R.: The social brain: mind, language and society in evolutionary perspective. *Ann. Rev. Anthropol.* 32: 163-181.
- Dunbar, R.: The origin and evolution of language. In: M.Christiansen & S.Kirby (eds) *Language Evolution: The States of the Art*, pp. 219-234. Oxford University Press.
- Dunbar, R.: Are there cognitive constraints on an e-world? In: K.Nyiri (ed) *Mobile Communication: Essays on Cognition and Community*, pp. 57-69. Vienna: Passagen Verlag.
- Dunbar, R.: More on Greek Hoplites: Darwinism and social evolution. *J. Roy. Anthropol. Inst.* 8: 761-763.
- Hill, R.A. & Dunbar, R.: Social network size in humans. *Human Nature* 14: 53-72.
- Kerr, N., Dunbar, R. & Bentall, R.: Theory of mind deficits in bipolar affective disorder. *J. affect. Disord.* 73: 253-259.
- O'Connell, S. & Dunbar, R.: A test for comprehension of false belief in chimpanzees. *Evol. Cognition* 9: 131-139.

- Shi, J., Dunbar, R., Buckland, D. & Miller, D.: Daytime activity budgets in feral goats (*Capra hircus*) on the Isle of Rum: influence of season, age and sex. *Canad. J. Zool.* 81: 803-815.
- 2002 Dunbar, R.: Sind der E-Welt kognitive Grenzen gesetzt? In: K. Nyiri (ed) *Allzeit zuhanden*, pp. 59-72. Vienna: Passagen Verlag.
 Dunbar, R.: The evolution of the social brain. In: J.Cacioppo et al (eds) *Foundations in Social Neurosciences*. MIT Press.
 Dunbar, R.: Modelling primate behavioural ecology. *Int. J. Primatol.* 23: 785-819.
 Dunbar, R., L.Cornah, F.Daly & K.Bowyer: Vigilance in humans: a test of alternative hypotheses. *Behaviour* 139: 695-711.
 Dunbar, R., Hannah-Stewart, L. & Dunbar, P.: Forage quality and the costs of lactation for female gelada baboons. *Anim. Behav.* 64: 801-805.
 Bereczkei, T. & Dunbar, R.: Helpers-at-the-nest among Hungarian Gypsies. *Current Anthropol.* 43: 804-809.
 Hill, R.A. & Dunbar, R.: Climatic determinants of diet and foraging behaviour in baboons. *Evol. Ecol.* 16: 579-593.
- 2001 Dunbar, R.: Darwinising ourselves. *The Psychologist* 14(8): 12-13.
 Dunbar, R.: Brains on two legs: group size and the evolution of social intelligence. In: F. de Waal (ed) *Tree of Origin*, p. 173-192. Harvard University Press.
 Dunbar, R.: What's in a baboon's behind? *Nature, Lond.*, 410: 158.
 Dunbar, R.: The economics of male mating strategies among primates. In: *Economic Models of Animal and Human Behaviour* (ed. J. van Hooff, R.Noë & P.Hammerstein), pp. 245-269. Cambridge Univ. Press.
 Dunbar, R.: Confounding explanations.... *Behav. Brain Sci.* 24: 283.
 Dunbar, R.: So how *do* they do it? *Behav. Brain Sci.* 24: 332-333.
 Dunbar, R.: Why primates have big brains. In: D.Macdonald (ed) *Encyclopedia of Mammals*, pp. 302-303. Unwin.
 Kelly, S. & Dunbar, R.: Who dares wins: heroism versus altruism in female mate choice. *Human Nature* 12: 89-105.
 Kudo, H. & Dunbar, R.: Neocortex size and social network size in primates. *Anim. Behav.* 62: 711-722.
 O'Reilly, T., Dunbar, R. & Bentall, R.: Schizotypy and creativity: a test of an evolutionary theory. *Pers. & Individ. Diff.* 31: 1067-1078.
 Pawlowski, B. & Dunbar, R.: Human mate choice strategies. In: *Economic Models of Animal and Human Behaviour* (ed. J. van Hooff, R.Noë & P.Hammerstein), pp. 187-202. Cambridge Univ. Press.
 Rowell, T. & Dunbar, R.: Guenons, macaques and baboons. In: D.Macdonald (ed) *Encyclopedia of Mammals*, pp. 365-375. Unwin.
 Tschudin, A., Call, J., Dunbar, R., Harris, G. & van der Elst, C.: Comprehension of novel signs by dolphins (*Tursiops truncatus*). *J. Comp. Psychology* 115: 100-105.
 Voland, E., Dunbar, R., Stephan, P.: Reply to Dwight Read. *Curr. Anthropol.* 42: 414-415.
- 2000 Dunbar, R.: Male mating strategies: a modelling approach. In: P.Kappeler (ed) *Primate Males*, pp.259-268. Cambridge University Press.
 Dunbar, R.: Causal reasoning, mental rehearsal and the evolution of primate cognition. In: C.Heyes & L.Huber (eds) *Evolution of Cognition*, pp. 205-231. MIT Press.
 Dunbar, R.: On the origin of the human mind. In: P.Carruthers & A.Chamberlain

- (eds) *The Evolution of Mind*, pp. 238–253. Cambridge University Press.
- Pawlowski, B., Dunbar, R.I.M. & Lipowicz, A.: Tall men have more reproductive success. *Nature, Lond.*, 403: 156.
- Lycett, J. & Dunbar, R.I.M.: Abortion rates reflect the optimization of parental investment strategies. *Proc. Roy. Soc., Lond., B*, 266: 2355–2358.
- Lycett, J., Dunbar, R. & Voland, E.: Longevity and the costs of reproduction in a historical human population. *Proc. Roy. Soc., Lond., B*, 267: 31–35.
- Lycett, J. & Dunbar, R.I.M.: Mobile phones as lekking devices among human males. *Human Nature* 11: 93–104.
- Lan, D. & Dunbar, R.: Bird and mammal conservation in Gaoligongshan Region and Jingdong County, China: patterns of species richness and nature reserves. *Oryx* 34: 275–286.
- Roberts, S.C. & Dunbar, R.: Female territoriality and the function of scent-marking in a monogamous antelope (*Oreotragus oreotragus*). *Behav. Ecol. Sociobiol.* 47: 417–423.
- Hill, R., Lycett, J. & Dunbar, R.: Ecological determinants of birth intervals in baboons. *Behav. Ecol.* 11: 560–564.
- 1999
- Dunbar, R.I.M.: Sociobiology. In: R.Wilson & F.Keil (eds) *MIT Encyclopedia of the Cognitive Sciences*, p. 783. MIT Press, Cambridge (MA).
- Dunbar, R.I.M.: Cooperation and competition. In: R.Wilson & F.Keil (eds) *MIT Encyclopedia of the Cognitive Sciences*, p. 201. MIT Press, Cambridge (MA).
- Dunbar, R.: Culture, honesty and the freerider problem. In: R.Dunbar, C.Knight & C.Power (eds) *The Evolution of Culture*, pp. 194–213. Edinburgh Univ Press.
- Knight, C., Dunbar, R. & Power, C.: An evolutionary approach to human culture. In: R.Dunbar, C.Knight & C.Power (eds) *The Evolution of Culture*, pp. 1–14. Edinburgh Univ. Press.
- Pawlowski, B. & Dunbar, R.: Withholding age as putative deception in mate search tactics. *Evol. Human Behav.* 20: 53–69.
- Pawlowski, B. & Dunbar, R.: Impact of market value on human mate choice decisions. *Proc. R.Soc., Lond.*, 266B: 281–285.
- Williamson, D. & Dunbar, R.I.M.: Energetics, time budgets and group size. In: P.C.Lee (ed) *Comparative Primate Socioecology* pp. 318–336. Cambridge University Press, Cambridge.
- 1998
- Dunbar, R.: The social brain hypothesis. *Evol. Anthropol.* 6: 178–190.
- Dunbar, R.: Impact of global warming on the distribution and survival of the gelada baboon: a modelling approach. *Global Change Biology* 4: 293–304.
- Dunbar, R.: Theory of mind and the evolution of language. In: J.Hurford, M.Studdart-Kennedy & C.Knight (eds) *Approaches to the Evolution of Language*, pp.92–110. Cambridge University Press.
- Dunbar, R. & Bever, J.: Neocortex size predicts group size in carnivores and some insectivores. *Ethology* 104: 695–708.
- Gosden, R.G., Dunbar, R.I.M., Haig, D., Heyer, E., Mace, R., Milinski, M., Pichon, G., Richner, H., Strassman, B.I., Thaler, D., Wedekind, C., & Stearns, S.C.: Evolutionary interpretations of the diversity of reproductive health and disease. In: S.C.Stearns (ed) *Evolution in Health and Disease*, pp. 108–120. Oxford University Press.
- Kinderman, P., Dunbar, R.I.M. & Bentall, R.P.: Theory-of-mind deficits and causal attributions. *British Journal of Psychology* 89: 191–204.
- Joffe, T.H. & Dunbar, R.I.M.: Tarsier brain component composition and its implications for systematics. *Primates* 39: 211–216.
- Hill, R. & Dunbar, R.: An evaluation of the roles of predation rate and predation

- risk as selective pressures on primate grouping behaviour. *Behaviour* 135: 411-430.
- Pawlowski, B.P., Lowen, C.B. & Dunbar, R.I.M.: Neocortex size, social skills and mating success in primates. *Behaviour* 135: 357-368.
- Strassman, B.I. & Dunbar, R.I.M.: Human evolution and disease: putting the Stone Age in perspective. In: S.C.Stearns (ed) *Evolution in Health and Disease*, pp. 91-101. Oxford University Press.
- 1997 Barton, R. & Dunbar, R.: Evolution of the social brain. In: A.Whiten & R.Byrne (eds) *Machiavellian Intelligence II*, pp. 240-263. Cambridge University Press.
- Bereczkei, T. & Dunbar, R.: Female-biased reproductive strategies in a Hungarian Gypsy population. *Proc. Roy. Soc., Lond.*, 264B: 17-22.
- Dunbar, R.I.M.: The monkeys' defence alliance. *Nature* 386: 555-557.
- Dunbar, R.I.M.: Deception as a cause or consequence of language? *Behav. Brain Sci.* 19: 548.
- Dunbar, R.I.M. (1997). The social brain and its implications. In: EC DG-III (eds) *Convergence: Creating the Future*. European Commission, Brussels.
- Dunbar, R.: Groups, gossip and the evolution of language. In: A.Schmitt, K.Atzwanger, K.Grammer & K.Schafer (eds) *New Aspects of Human Ethology*, pp. 77-90. Plenum Press, New York.
- Dunbar, R., Marriot, A. & Duncan, N.: Human conversational behaviour. *Human Nature* 8: 231-246.
- Joffe, T. & Dunbar, R.: Visual and socio-cognitive information processing in primate brain evolution. *Proc. Roy. Soc. Lond., B*, 264: 1303-1307.
- Nettle, D. & Dunbar, R.: Social markers and the evolution of reciprocal exchange. *Curr. Anthropol.* 38: 93-99.
- Voland, E. & Dunbar, R.: The impact of social status and migration on female age at marriage in an historical population. *J. Biosocial Sci.* 29: 355-360.
- Voland, E., Dunbar, R., Engel, C. & Stephan, P.: Population increase and sex-biased parental investment in humans: evidence from 18th and 19th century Germany. *Curr. Anthropol.* 38: 129-135.
- 1996 Dunbar, R.: Determinants of group size in primates: a general model. In: J.Maynard Smith, G.Runciman & R.Dunbar (eds) *Evolution of Culture and Language in Primates and Humans*, pp. 33-57. British Association Press & Oxford UP.
- Dunbar, R.: How not to do biology. *Cultural Dynamics* 8: 363-368.
- Dunbar, R.: Grooming – soziale fellpflege bei Affen und Menschen. [Social grooming in apes and humans.] In: U.Brandes & C.Neumann (eds) *Tasten*, pp.72-90. *Schriftenreihe Forum* (Vol.7). Kunst- und Ausstellungshalle der Bundesrepublik Deutschland, Bonn.
- Casperd, J. & Dunbar, R.: Asymmetries in the visual processing of emotional cues during agonistic encounters by gelada baboons. *Behav. Processes* 37:57-65.
- Koyama, N. & Dunbar, R.: Anticipation of conflict by chimpanzees. *Primates* 37: 79-86.
- Srivastava, A. & Dunbar, R.I.M.: The mating system of hanuman langurs: a problem in optimal foraging. *Behav. Ecol. Sociobiol.* 39: 219-226.
- 1995 Aiello, L. & Dunbar, R.: Neocortex size, group size and the evolution of language. *Curr. Anthropol.* 34:184-193.
- Cowlishaw, G. & Dunbar, R.: Dominance and mating success: a reply to Barton & Simpson. *Anim. Behav.* 44: 1162-1163.
- Barrett, L., Dunbar, R. and Dunbar, P.: Mother-infant contact as contingent behaviour in gelada baboons. *Anim. Behav.* 49: 805-810.

- Dunbar, R.: Neocortex size and group size in primates: a test of the hypothesis. *J. Human Evol.* 28: 287-296.
- Dunbar, R.: An interdisciplinary approach to human fertility. In: Dunbar, R. (ed) *Human Reproductive Decisions: Biological and Social Perspectives*, pp. 1-8. Macmillan, Basingstoke.
- Dunbar, R.: The mating system of Callitrichid primates. I. Conditions for the coevolution of pairbonding and twinning. *Anim. Behav.* 50, 1995, 1057-1070.
- Dunbar, R.: The mating system of Callitrichid primates. II. The impact of helpers. *Anim. Behav.* 50:1071-1089.
- Dunbar, R.: Neocortical size and language. *Behav. Brain Sci.* 18: 388-389.
- Dunbar, R.: On the evolution of language and kinship. In: J. Steele & S.Shennan (eds) *The Archaeology of Human Ancestry: Power, Sex and Tradition*, pp. 380-396. Routledge, London.
- Dunbar, R. & Spoors, M.: Social networks, support cliques and kinship. *Human Nature* 6: 273-290.
- Dunbar, R., Clark, A. & Hurst, N.L.: Conflict and cooperation among the Vikings: contingent behavioural decisions. *Ethol. Sociobiol.* 16: 233-246.
- Dunbar, R., Duncan, N. & Nettle, D.: Size and structure of freely forming conversational groups. *Human Nature* 6: 67-78.
- Voland, E.& Dunbar, R.: Resource competition and reproduction: the relationship between economic and parental strategies in the Krummhorn population (1720-1874). *Human Nature* 6: 33-49.
- Waynfirth, D. & Dunbar, R.: Conditional mate choice strategies in humans: evidence from 'Lonely Hearts' advertisements. *Behaviour* 132: 755-779.
- 1994 Dunbar, R.: Ecological constraints on group size in baboons. In P.Jarman & A.Rossiter (eds) *Animal Societies: Individuals, Interactions and Social Organisation*, pp. 221-236. Kyoto University Press, Kyoto.
- Dunbar, R.: The modern mind: its missing parts. *Behav. Brain Sci.* 16: 254-255.
- 1993 Dunbar, R.: Social organisation of the gelada. In: N.Jablonski & R.Foley (eds) *Theropithecus: The Rise and Fall of a Primate Genus*, pp.425-439. Cambridge University Press, Cambridge.
- Dunbar, R.: Coevolution of neocortex size, group size and language in humans. *Behav. Brain Sci.* 16: 681-735.
- Dunbar, R.: Behavioural ecology of the extinct theropiths. In: N.Jablonski & R.Foley(eds) *Theropithecus: The Rise and Fall of a Primate Genus*, pp.465-486. Cambridge University Press, Cambridge.
- Dunbar, R.: Conservation status of the gelada. In: N.Jablonski & R.Foley (eds) *Theropithecus: The Rise and Fall of a Primate Genus*, pp.527-531. Cambridge University Press, Cambridge.
- Dunbar, R.: On the evolution of alternative reproductive strategies. *Behav. Brain Sci.* 16: 291.
- Dunbar, R.: Sozioökologische Einflüsse auf das Gruppenleben von Primaten. [Primate sociality and its determinants]. In: E.Voland (ed) *Evolution und Anpassung*, pp.75-93. Hirzel Verlag: Stuttgart.
- Dunbar, R.: Cognitive complexity, group size and the evolution of ethical behaviour. In: G.Thinnes (ed) *Biological Evolution of Ethical Conduct*, pp.49-66. Academie Royale de Belgique: Brussels.
- Dunbar, R.: Behavioural adaptation in humans. In: G.Harrison (ed) *Human Adaptation*, pp. 73-98. Oxford University Press: Oxford.
- Dunbar, R.: What's in a classification? In: P.Cavalieri & P.Singer (eds) *The Great Ape Project*, pp. 109-112. Fourth Estate: London.
- Dunbar, R.: Sociality among human and non-human animals. In: T.Ingold (ed)

- Companion Encyclopedia of Anthropology*, pp.756-782. Routledge Kegan Paul, London.
- Dunbar, R. & Cowlishaw, C.: Mating success in male primates: dominance rank, sperm competition and alternative strategies. *Anim. Behav.* 44: 1171-1173.
- Dunbar, R. & Cowlishaw, G.: Incest and other artefacts: a reply to Simpson & Barton. *Anim. Behav.* 44: 1166-1167.
- Lowen, C.B. & Dunbar, R.: Territory size and defendability in primates. *Behav. Ecol. Sociobiol.* 35: 347-354.
- Newton, P. & Dunbar, R.: Colobine monkey society. In: J.Oates & G.Davies (eds) *Colobin Monkeys: Their Ecology, Behaviour and Evolution*, pp. 347-358. Cambridge Univ. Press.

- 1992 Dunbar, R.: A model of the gelada socioecological system. *Primates* 33: 69-83.
- Dunbar, R.: Behavioural ecology of the extinct papionins. *J. human Evol.* 22: 407-421.
- Dunbar, R.: Neocortex size as a constraint on group size in primates. *J. human Evol.* 22: 469-493.
- Dunbar, R.: Time: a hidden constraint on the behavioural ecology of baboons. *Behav. Ecol. Sociobiol.* 31: 35-49.
- Dunbar, R.: Environmental and cognitive constraints on group size in primates. In: P.Bateson & M.Gomendio (eds) *Behavioural Mechanisms in Evolutionary Perspective*, pp.78-83. Instituto Juan March, Madrid.
- Dunbar, R.: Evolutionary theory and social behaviour. In: R.Martin, D.Pilbeam & S.Jones (eds) *Cambridge Encyclopedia of Human Evolution*, pp.145-149. Cambridge University Press, Cambridge.
- Dunbar, R.: Mating systems and parental care. In: R.Martin, D.Pilbeam & S.Jones (eds) *Cambridge Encyclopedia of Human Evolution*, pp.147-154. Cambridge University Press, Cambridge.
- Dunbar, R. & Roberts, C.: Territory quality in mountain reedbuck: distance to safety. *Ethology* 90: 134-142.
- Barrett, L.; Dunbar, R. & Dunbar, P: Environmental influences on play behaviour in infant gelada baboons. *Anim. Behav.* 44:111-5.
- Vervaecke, H., Dunbar, R., van Elsacker, L. & Verheyen, R.: Interactions with and spatial proximity to the males in relation to rank of captive female adult hamadryas baboons (*Papio hamadryas*). *Acta zool. path. Antverp.* 82: 61-77.
- 1991 Dunbar, R.: Sociobiological theory and the Cheyenne case. *Curr. Anthropol.* 32: 169-173.
- Dunbar, R. & Bose, U.: Adaptation to grass eating in gelada baboons. *Primates* 32: 1-7.
- Dunbar, R.: Functional significance of social grooming in primates. *Folia primatol.* 57: 121-131.
- Dunbar, R.: Marriage rules in perspective. *Behav. Brain Sci.* 14: 268-269.
- Dunbar, R.: [Comment on Manson & Wrangham]. *Curr. Anthropol.* 32: 378-379.
- Dunbar, R.: A comment on P.Lee. *Cambs. Arch. J.* 1: 214-215.
- Cowlishaw, G. & Dunbar, R.: Dominance rank and mating success in male primates. *Anim. Behav.* 41: 1045-1056.
- Roberts, C. & Dunbar, R.: Climatic influences on the behavioural ecology of Chanler's mountain reedbuck in Kenya. *Afr. J. Ecol.* 29: 316-329.
- 1990 Dunbar, R.: Environmental determinants of intraspecific variation in body weight in baboons (*Papio* spp.). *J.Zool., Lond.*, 220: 157-169.
- Dunbar, R.: Environmental and social determinants of fecundity in primates. In:

- J.Landers & V.Reynolds (eds) *Fertility and Resources*, pp. 5-17. Cambridge University Press, Cambridge.
- Dunbar, R.: Environmental determinants of fecundity in klipspringer (*Oreotragus oreotragus*). *Afr. J. Ecol.* 28: 307-313.
- Dunbar, R., Buckland, D. & Miller, D.: Mating strategies of male feral goats: a problem in optimal foraging. *Anim. Behav.* 40: 653-667.
- van Schaik, C. & Dunbar, R.: The evolution of monogamy in large primates: a new hypothesis and some critical tests. *Behaviour* 115: 30-62.
- 1989 Dunbar, R.: Reproductive strategies of female gelada baboons. In: A.Rasa, C.Vogel & E.Voland (eds) *Sociobiology of Sexual and Reproductive Strategies*, pp. 74-92. Chapman & Hall, London.
- Dunbar, R.: Social systems as optimal strategy sets: costs and benefits of sociality. In: V.Standen & R.Foley (eds) *Comparative Socioecology*, pp. 131-149. Blackwells, Oxford.
- Dunbar, R.: Selfishness re-examined. *Behav. Brain Sci.* 12: 700-702.
- Dunbar, R.: Ecological modelling in an evolutionary context. *Folia Primatol.* 53:235-246.
- Dunbar, R.: Julian Huxley and the rise of modern ethology. In: G.Harrison & M.Keynes (eds) *Julian Huxley: A Centenary Celebration*, pp.58-79. Macmillan, London.
- Dunbar, R.: Hamadryas baboon. In: P.Lee, J.Thornback & E.Bennett (eds) *Threatened Primates of Africa: The IUCN Red Data Book*, pp. 29-31. IUCN Publications, Gland.
- Dunbar, R.: Gelada baboon. In: P.Lee, J.Thornback & E.Bennett (eds) *Threatened Primates of Africa: The IUCN Red Data Book*, pp. 32-35. IUCN Publications, Gland.
- Dunbar, R.: GST needs more development. *Behav. Brain Sci.* 12: 520-521.
- 1988 Dunbar, R.: Darwinising Man: a commentary. In: L.Betzig, M.Borgerhoff Mulder & P.Turke (eds) *Human reproductive Behaviour*, pp. 161-169. Cambridge University Press, Cambridge.
- Dunbar, R.: The evolutionary implications of social behaviour. In: H.Plotkin (ed) *The Role of Behaviour in Evolution*, pp. 165- 188. MIT Press, Boston.
- Dunbar, R.: How to break moulds. *Behav. Brain Sci.* 11: 254-255.
- Dunbar, R.: Habitat quality, population dynamics and group composition in colobus monkeys (*Colobus guereza*). *Int. J. Primatol.* 9: 299-329.
- Dunbar, R.: General discussion. In: T.Poole (ed) *Laboratory Animal Welfare Research: Primates*, pp. 51-53. UFAW, Potters Bar.
- Dunbar, R. & Dunbar, P.: Maternal time budgets of gelada baboons. *Anim. Behav.* 36: 970-980.
- 1987 Dunbar, R.: Reproduction and lifehistories. In: B.Smuts et al (eds) *Primate Societies*, pp. 240-249. Chicago University Press, Chicago.
- Gordon, I., Dunbar, R., Buckland, D. & Miller, D.: Ponies, cattle and goats. In: T.Clutton-Brock & I.Ball (eds) *Rhum: The Natural History of an Island*, pp. 110-125. Edinburgh University Press, Edinburgh.
- 1986 Dunbar, R.: The social ecology of gelada baboons. In: D.Rubenstein & R.Wrangham (eds) *Ecological Aspects of Social Evolution*, pp. 332-351. Princeton University Press, Princeton.
- Dunbar, R.: Sociobiological explanations and the evolution of ethnocentrism. In: V.Reynolds, V.Falger & I.Vine (eds) *The Sociobiology of Ethnocentrism*, pp. 48-59. Chapman & Hall, London.

- 1985 Dunbar, R.: Population consequences of social structure. In: R.Sibley & R.Smith (Eds) *Behavioural Ecology*, pp. 507-519. Blackwells, Oxford.
- Dunbar, R.: Sociobiology. In: *Merit Students Encyclopedia*, Vol. 17, p.128. Macmillan, New York.
- Dunbar, R.: The sociobiology of war. *Medicine & War* 1: 10-17.
- Mori, U. & Dunbar, R.: Changes in reproductive condition of female gelada baboons following takeover of one male units. *Z.Tierpsychol.* 67: 215-224.
- 1984 Dunbar, R.: Infant-use by male gelada baboons in agonistic contexts: agonistic buffering, progeny protection or soliciting support? *Primates* 25: 28-35.
- Dunbar, R.: Reply to A.B.Stahl 'Hominid diets before fire'. *Curr. Anthropol.* 25: 157-158.
- Dunbar, R. & Sharman, M.: Is social grooming altruistic? *Z.Tierpsychol.* 64: 163-173.
- Ohsawa, H. & Dunbar, R.: Variations in the demographic structure and dynamics of gelada baboon populations. *Behav. Ecol. Sociobiol.* 15: 231-240.
- 1983 Dunbar, R.: Intra-specific variations in mating strategy. In: P.Klopfer & P.Bateson (eds) *Perspectives in Ethology*, Vol. 5, pp.385-431. Plenum Press, New York.
- Dunbar, R.: Lifehistory tactics and alternative strategies of reproduction. In: P.Bateson (ed). *Mate Choice*, pp. 423-433. Cambridge University Press, Cambridge.
- Dunbar, R.: Social systems as optimal strategy sets. In: J.Calhoun (ed) *Environment and Population*, pp. 4-6. Praeger, New York.
- Dunbar, R.: Structure of gelada baboon reproductive units. II. Social relationships between reproductive females. *Anim. Behav.* 31: 556-564.
- Dunbar, R.: Structure of gelada baboon reproductive units. III. The male's relation-ships with his females. *Anim. Behav.* 31: 565-575.
- Dunbar, R.: Structure of gelada baboon reproductive units. IV. Organisation at group level. *Z. Tierpsychol.* 63: 265-282.
- Dunbar, R.: Structure of social relationships in nonsavannah baboons. In: R.Hinde (ed) *Primate Social Relationships*, pp. 299-307. Blackwells, Oxford.
- Dunbar, R.: Theropithecines and hominids: contrasting solutions to the same ecological problem. *J. human Evol.* 12: 647-658.
- Dunbar, R. & Sharman,M.: Female competition for access to males affects birth rate in baboons. *Behav. Ecol. Sociobiol.* 13: 157-159.
- Iwamoto, T. & Dunbar, R.: Thermoregulation, habitat quality and the behavioural ecology of gelada baboons. *J. anim. Ecol.* 52:357-366
- Kawai, M., Dunbar, R., Ohsawa, H. & Mori, U.: Social organisation of gelada baboons: social units and definitions. *Primates* 24:13-24
- 1982 Dunbar, R.: Structure of social relationships in a captive gelada group: a test of some hypotheses derived from studies of a wild population. *Primates* 23: 89-93.
- Dunbar, R.: Adaptation, fitness and the evolutionary tautology. In: King's College Sociobiology Group (eds) *Current Problems in Sociobiology*, pp. 9-28. Cambridge University Press, Cambridge.
- Dunbar, R.: Open and closed science, and Open University teaching. *Teaching at a Distance*. 21: 68-70.
- Dunbar, R.: Sociobiology, biosophy and human behaviour. *Ethol. Sociobiol.* 2: 291-294.
- Sharman, M. & Dunbar, R.: Observer bias in selection of study group in baboon

- field studies. *Primates* 23: 567-573.
- 1981 Dunbar, R.: Reply to Shipley et al. 'Butchering of giant gelada at an Acheulian site'. *Curr. Anthropol.* 22: 264-265.
 Dunbar, R. & Dunbar, P.: Grouping behaviour of male Walia ibex, with special reference to the rut. *Afr. J. Ecol.* 19: 251-263.
- 1980 Dunbar, R.: Demographic and lifehistory variables of a population of gelada baboons. *J. anim. Ecol.* 49: 485-506.
 Dunbar, R.: Determinants and evolutionary consequences of dominance among female gelada baboons. *Behav. Ecol. Sociobiol.* 7: 253-265.
 Dunbar, R. & Dunbar, P.: The pairbond in klipspringer. *Anim. Behav.* 28: 251-263.
- 1979 Dunbar, R.: Population demography, social organisation and mating strategies. In: I.Bernstein & E.O.Smith (eds) *Primate Ecology and Human Origins*, pp.65-88. Garland, New York.
 Dunbar, R.: Structure of gelada baboon reproductive units. I. Stability of social relationships. *Behaviour* 69: 72-87.
 Dunbar, R.: Energetics, thermoregulation and the behavioural ecology of klipspringer. *Afr. J. Ecol.* 17: 217-230.
 Dunbar, R. & Dunbar, R.: Observations on the social organisation of the common duiker in Ethiopia. *Afr. J. Ecol.* 17: 249-252.
- 1978 Dunbar, R.: Competition and niche separation in a high altitude herbivore community in Ethiopia. *E. Afr. Wildl. J.* 16: 183-200.
 Dunbar, R.: A coat-colour aberration in an Ethiopian *Colobus guereza* population. *E. Afr. Wildl. J.* 16: 277-280.
 Dunbar, R.: Sexual behaviour and social relationships among gelada baboons. *Anim. Behav.* 26: 167-178.
 Dunbar, R.: Oestrus and social relationships among gelada baboons. In: D.Chivers & J.Herbert (eds) *Recent Advances in Primatology*, Vol. 1, pp. 491-492. Academic Press, London.
- 1977 Dunbar, R.: Feeding ecology of gelada baboons. In: T.Clutton-Brock (ed) *Primate Ecology*, pp. 251-273. Academic Press, London.
 Dunbar, R.: The gelada baboon: status and conservation. In: HRH Prince Rainier & G.Bourne (eds) *Primate Conservation*, pp.363-383. Academic Press, New York.
 Dunbar, R.: Age-dependent changes in sexual skin colour and associated phenomena of female gelada baboons. *J. human Evol.* 6: 667-672.
 Dunbar, R. & Dunbar, P.: Dominance and reproductive success among female gelada baboons. *Nature, London*, 266: 277-280.
- 1976 Dunbar, R.: Australopithecine diet based on a baboon analogy. *J. human Evol.* 5: 161-167.
 Dunbar, R.: Some aspects of research design and their implications for the observational study of behaviour. *Behaviour* 58: 78-98.
 Dunbar, R. & Dunbar, P.: Contrasts in social structure among black-and-white colobus monkeys. *Anim. Behav.* 24: 84-92.
- 1975 Dunbar, R. & Dunbar, P.: Reproductive cycle of the gelada baboon. *Anim. Behav.* 22: 203-210.

- Dunbar, R. & Crook, J.: Aggression and dominance in the weaver bird, *Quelea quelea*. *Anim. Behav.* 23: 450-459.
- 1974 Dunbar, R.: Observations on the ecology and social organisation of the green monkey, *Cercopithecus aethiops*, in Senegal. *Primates* 15: 341-350.
 Dunbar, R. & Dunbar, P.: Ecological relationships and niche separation between sympatric terrestrial primates in Ethiopia. *Folia primatol.* 21: 36-60.
 Dunbar, R. & Dunbar, P.: Ecology and population dynamics of *Colobus guereza* in Ethiopia. *Folia primatol.* 21: 188-209.
 Dunbar, R. & Dunbar, P.: Behaviour related to birth in wild gelada baboons, *Theropithecus gelada*. *Behaviour* 50: 185-191.
 Dunbar, R. & Dunbar, R.: On hybridisation between *Theropithecus gelada* and *Papio anubis* in the wild. *J. human Evol.* 3: 187-192.
 Dunbar, R.: Social organisation and ecology of the klipspringer (*Oreotragus oreotragus*) in Ethiopia. *Z. Tierpsychol.* 35: 481-493.
- 1972 Dunbar, R. & Nathan, M.: Social organisation of the Guinea baboon, *Papio papio*, in Senegal. *Folia primatol.* 17: 321-334.
 Goss-Custard, J., Dunbar, R. & Aldrich-Blake, P.: Survival, mating and rearing strategies in the evolution of primate social structure. *Folia primatol.* 17: 1-17.
- 1971 Aldrich-Blake, P., Bunn, T., Dunbar, R. & Headley, M.: Observations on baboons, *Papio anubis*, in an arid region in Ethiopia. *Folia primatol.* 15: 1-35.

Science Journalism

- 1970 Gear, B. & Dunbar, R.: There are monkeys at the bottom of the garden. Film script, BBC TV ('World About Us' series).
- 1978 Dunbar, R.: Life with the geladas: a battle of the sexes. *New Scientist* 79: 28-30.
- 1981 Dunbar, R.: Evolutionary trends in the academic jungle. *New Scientist* 92: 117-118.
- 1983 Dunbar, R.: The case of the midwife toad revisited. *New Scientist* 97: 604-605.
Dunbar, R.: More than one way to get a mate. *New Scientist* 99:26-30.
- 1984 Dunbar, R.: How animals know which way to go. *New Scientist* 101: 26-30.
Dunbar, R.: Farming fit for animals. *New Scientist* 102: 12-15.
Dunbar, R.: Ever since Descartes. *New Scientist* 103: 32-34.
Dunbar, R.: Mendel's peas and fuzzy logic. *New Scientist* 103: 38.
Dunbar, R.: Ecology of monogamy. *New Scientist* 103: 12-15.
Dunbar, R.: Scapegoats for a thousand deserts. *New Scientist* 104: 30-33.
Dunbar, R.: All's well that welds well. *New Scientist* 104: 37-41.
Dunbar, R.: Exercise, fitness and infertility. *New Scientist* 104:19.
Dunbar, R.: The riddle of the sphinx. *BBC Radio-4* talk ('Natural Selection' series).
- 1985 Dunbar, R.: Stress is a good contraceptive. *New Scientist* 105: 16-18. [reprinted 1986 *Scienza Due mila*]
Dunbar, R.: How to listen to the animals. *New Scientist* 106: 36-39.
Dunbar, R.: The race to breed faster horses. *New Scientist* 106: 44-47. [reprinted 1986 *The Australian*]
Dunbar, R.: Is every theory always wrong? *New Scientist* 106: 44.
Dunbar, R.: Mysteries of migration. *BBC Radio-4* talk ('Natural Selection' series).
Dunbar, R.: Games animals play. *BBC Radio-4* talk ('Natural Selection' series)
Dunbar, R.: Monogamy on the rocks. *Natural History* 99(11): 40-47.
- 1986 Dunbar, R.: Aggression. In: P.Slater (ed) *Collins Encyclopedia of Animal Behaviour*, pp. 72-79. Collins, London.
Dunbar, R.: Games people play. *New Scientist* 109: 48.
Dunbar, R.: What's in an A-level? *New Scientist* 109: 62-63.
Dunbar, R.: Rhum deal for goats. *Natural History* 95(11): 40-47.
- 1987 Dunbar, R.: The good, the bad and the tall. *New Scientist* 115: 63.
- 1988 Dunbar, R.: Sex and species; Groups and troops; Territory; Migration. In: C.Tudge (ed) *The Environment of Life*, pp.35-80. Oxford University Press, Oxford.
Dunbar, R.: Polymaths of science. *New Scientist* 117: 69.
Dunbar, R.: On the limits of scientific thinking. *New Scientist* 119: 83.
Thompson, D. & Dunbar, R.: Sex for dragons and damsels. *New Scientist* 117: 45-48.
- 1989 Dunbar, R.: [180 entries on Biology and Ecology]. *Hutchinson 20th Century Encyclopedia*. Hutchinson, London.

- Dunbar, R.: Common ground for thought. *New Scientist* 121: 48-50.
- Dunbar, R.: Latin in the dumps, science in decline. *New Scientist* 121: 73-74.
- Dunbar, R.: Academics: who needs them? *New Scientist* 122: 60.
- Foley, R. & Dunbar, R.: Beyond the bones of contention. *New Scientist* 124: 37-41.
- 1990 Dunbar, R.: Wild goats on wild islands. *Anima* 216: 70-72.
- Garrett, K. & Dunbar, R.: Junkie monkeys get a quick fix from grooming. *New Scientist* 125 (20 January), p.32.
- 1991 Dunbar, R.: [65 entries on individual species: ca 20,000 words]. In: M.Bright (ed) *Wildlife Year*. Readers Digest Association, London.
- Dunbar, R.: Foraging for nature's balanced diet. *New Scientist* 131 (No. 1784), pp.25-28.
- 1992 Dunbar, R.: Why gossip is good for you. *New Scientist* 136 (21 Nov): 28-31.
- Dunbar, R.: What's in a probability. *New Scientist* 134 (No. 1820): 49.
- Dunbar, R.: Perspectives on time. *Anthropology Today* 8:26-27.
- 1993 Dunbar, R.: Seeing biology through Aristotle's eyes. *New Scientist* 137 (no. 1861): 39-42.
- Dunbar, R.: Evolution and the human sciences. *Galton Inst. Newsrl.* No. 10, pp. 7-8.
- Dunbar, R.: Why did language evolve? *UCL Universe* 5 (2): 8-9.
- Dunbar, R.: The Government's White Paper on science. *Primate Eye* No. 51, pp.14-16.
- 1994 Dunbar, R.: Intelligence and instinct. In: *Exploring the Secrets of Nature* (ed. M.Bright). pp.336-355. Readers Digest, London.
- Barrett, L. & Dunbar, R.: Not now, dear, I'm busy. *New Scientist* (9 April), pp.30-34
- Dunbar, R.: The chattering classes. *Times* (5 February), p.28-29.
- Dunbar, R.: Monkeys do it. *Language Matters* (DTI) No.15, p.8.
- 1995 Dunbar, R. Are you lonesome tonight? *New Scientist* 145 (No. 1964), 26-31.
- Dunbar, R.: When a grunt means "sorry". *Times Higher Ed. Suppl.* (31 March), p.11.
- Dunbar, R.: Darwinism for today. *Times Higher Ed. Suppl.* No. 1177, p.14.
- 1996 Dunbar, R.: Grey natter. *Times Higher Ed. Suppl.* (26 Jan), p. 13.
- Dunbar, R.: Gentle apes that deserve a touch of humanity. *Scotland on Sunday* (31 March), p.16.
- Dunbar, R.: Have you heard the latest? *Independent on Sunday* (31 March), p. 21.
- Dunbar, R.: Chattering classes. *Observer (Madame Figaro magazine)* (2 March), p. 74.
- Dunbar, R.: Innocents abroad. In: *I've Been Gone Far Too Long* (ed. M. Borgerhof Mulder & W.Longdon), pp.251-62. RDR Books: Oakland.
- 1997 Dunbar, R.I.M.: The origin of language. *Kagaku* 67: 289-296 [in Japanese].
- Dunbar, R.: Your cheating heart. *New Scientist* 160 (No. 2161), pp. 28-33.
- 1999 Dunbar, R.: Animal behaviour by a circuitous route. *ASAB Teacher's Newsletter*.

- 2001 Dunbar, R.: Le langage crée le lien social: les singes s'épouillent, nous parlons.
La Recherche No. 341, pp.26-30.
- Dunbar, R.: El lenguaje crea el vínculo social. *Mundo Científico* No. 224, pp. 24-28.
- 2003 Dunbar, R.: What's God got to do with it? *New Scientist* 000 (No. 2399): 38-39.
- 2004 Dunbar, R.: Can you guess what I'm thinking. *New Scientist* 182 (No. 2451, 12 Jun 2004), pp. 44-45.
- 2006 Dunbar, R.: We believe.... *New Scientist* 189, No. 2536 [28.1.06], pp. 30-33.
- 2008 Dunbar, R.: Where have all the boys gone? *Times T2*
- 2005-2008 Monthly science column in *The Scotsman*:
- | | |
|---|------------|
| A little lady and a long-lost family | [Feb 2005] |
| Farewell, cousins.... | [Mar 2005] |
| Counting your friends in threes | [Apr 2005] |
| What's in a name? | [May 2005] |
| Differences that are only skin deep | [Jun 2005] |
| If music be the food of love | [Jul 2005] |
| Scopes on trial...again? | [Aug 2005] |
| In whom we trust.... | [Sep 2005] |
| Descended from the Khan? | [Oct 2005] |
| Gaelic matters | [Nov 2005] |
| Montreal and after | [Dec 2005] |
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| Be smart... live longer | [Feb 2006] |
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| Pity the poor Basques | [Aug 2006] |
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| Understanding morning sickness | [Oct 2006] |
| The colourful sex? | [Nov 2006] |
| Frankincense: a conservation tale for Christmas | [Dec 2006] |
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| Voting for the tall one | [Feb 2007] |
| The psychology of juries | [Mar 2007] |
| The trouble with sex | [Apr 2007] |
| Whose brain have you got? | [May 2007] |
| Slaves to the past | [Jun 2007] |
| When boys can be too much of a good thing | [Jul 2007] |
| What's on your mind? | [Aug 2007] |
| Scots wha gang awa' | [Sep 2007] |
| Red-headed Neanderthals | [Oct 2007] |
| Baby blue eyes | [Nov 2007] |
| Psychology at Christmas | [Dec 2007] |
| The monogamous brain | [Jan 2008] |

- 2010 Dunbar, R.: And you thought you had *how* many friends? *Times 2*
 Dunbar, R.: The magic number. *RSA Journal* 156 (1): 6-19.
 Dunbar, R.: How many friends do you really have? *IPM Magazine, Budapest*
 Dunbar, R.: You've got to have (150) friends. *New York Times*
 Dunbar, R.: Altogether now.... *Times Higher Education* (11 Nov), pp.40-43.
- 2011 Dunbar, R.: Friends to count on. *Guardian G2*
 Dunbar, R.: How many Facebook "friends" can a person really have? *Spectrum (IEEE)*
 Dunbar, R.: Personal mobility erodes communities. *Wired*.
 Dunbar, R.: Social networking. *Eureka Magazine, Times*

Book Reviews

- 1978 'Food webs and niche space' (J.Cohen). *E. Afr. Wildl. J.* 16: 281-282.
- 1979 'Recent advances in primatology. Vol.3. Conservation' (ed. D.Chivers & P.Lane-Petter). *Primate Eye* 11: 40-41.
- 1980 'Neurobiology of social communication in primates' (ed. H.Steklis & M.Raleigh). *Trends Neurosci.* 3(8), p.xxii.
- 1981 'Animal migration' (J.Cloudlsey-Thompson). *Behav. Processes* 6: 91-92.
 'Behavioural variation' (A.Richard). *Behav. Processes* 6: 92-94.
 'Impala social behaviour' (M.Jarman). *Behav. Processes* 6: 199-200.
 'Baboon mothers and infants' (J.Altmann). *Anim. Behav.* 29: 1281.
 'Behavioural development of primates' (ed. F.Akins et al). *Behav. Processes* 6: 394-397.
- 1982 'Ecological and sociological studies of gelada baboons' (ed. M.Kawai). *Primates* 23: 469.
 'Animal behaviour' (R.Wallace). *Behav. Processes* 7: 190-192.
 'Foraging strategies of howler monkeys' (K.Milton). *Behav. Processes* 7: 275-276.
 'Parental care in mammals' (ed. D.Gubernick & P.Klopfer). *Behav. Processes* 7: 383-385.
 'Bibliography of aggressive behaviour' (ed. K.Moyer & M.Crabtree). *Behav. Processes* 7: 385-386.
- 1983 'Quantitative ethology' (D.McFarland & A.Houston). *Anim. Behav.* 31:623.
 'Techniques for study of primate population biology' (ed. J.Eisenberg). *Anim. Behav.* 31: 623-624.
 'Primate communication' (ed. C.Snowdon et al). *New Scientist* 99: 881.
 'Reproductive behaviour of apes' (ed. C.Graham). *Behav. Processes* 8: 102-104.
 'Animal play behaviour' (R.Fagan). *Behav. Processes* 8: 98-101.
- 1984 'Sex, evolution and behaviour' (M.Daly & M.Wilson). *Anim.Behav.* 32: 314.
 'The mind of an ape' (D.Premack & A.Premack). *New Scientist* 102: 39.
 'Goat production' (ed. C.Gall). *Mammal Rev.* 14: 109.
 'Physiological ecology' (ed. C.Townsend & P.Calow). *Mammal Rev.* 14: 199-200.
 'Animal language' (M.Bright). *New Scientist* 103: 27.
 'Animal thinking' (D.Griffin). *New Scientist* 104: 37.
 'Meaning of primate signals' (ed. R.Harre & V.Reynolds). *New Scientist* 104: 45.

- 1985 'Evolutionary ecology of marsupials' (A.Lee & A.Cockburn). *Times HES* (31 May), p.15.
 'Ancestral voices' (C.Smith). *New Scientist* 108: 48.
 'Gulls and plovers' (C.Barnard & D.Thompson). *New Scientist* 108: 60.
 'Introduction to ethology' (P.Slater). *Times HES* (10 Dec), p.16.
 'Bird behaviour' (R.Burton). *New Scientist* 108: 56.
 'Primate behaviour and morphology' (H.Box). *Behav.Processes* 11: 221-222.
 'The pygmy chimpanzee' (ed. R.Susman). *Behav. Processes* 13: 302-303.
- 1987 'Primate sociobiology' (J.Gray). *Man* 22: 179.
 'The ontogeny of information' (S.Oyama). *Anim. Behav.* 35: 1053.
 'Gavagai! The future of the ape language controversy' (D.Premack). *Primate Eye* 32: 34-36.
 'Use of time and resources by provisioned troops of monkeys' (J.Fa). *Primate Eye* 31: 20-21.
 'Another unique species' (R.Foley). *Times HES* (no.784), p.24.
 'Despotism and differential reproduction' (L.Betzig). *Anim. Behav.* 35: 1914-1915.
 'Essays in human sociobiology, Vols. 1 and 2' (ed. J.Wind). *Human Evol.* 1: 312-313.
- 1988 'Apes of the world' (R.Tuttle). *The Biologist* 35: 53.
 'Another unique species' (R.Foley). *J. arch Sci.* 15: 217-218.
 'Animal behaviour' (ed. H.Topoff). *New Scientist* 117: 68-69.
 'Evolution of human social behaviour' (ed. W.Kinsey). *Primate Eye* 34: 33-34.
 'Individuals, relationships and culture' (R.Hinde). *Anim. Behav.* 36: 956-957.
- 1989 'Machiavellian intelligence' (ed. R.Byrne & A.Whiten). *Anim. Behav.* 37: 699-701.
 'A primate radiation' (ed. A.Gautier-Hion et al). *New Scientist* 121: 121: 66.
 'Animal navigation' (T.Waterman). *New Scientist* 122: 55-56.
 'Evolution and human kinship' (A.Hughes). *Trends Ecol.Evol.* 4: 152.
 'Aggression and war' (eds. J.Groebel & R.Hinde) and 'Biology and freedom' (S.Barnett). *New Scientist* 123: 69-70.
- 1990 'Primate visions' (D.Haraway). *New York Times Review of Books* (7 Jan), p.30.
 'Genetic seeds of war' (R.Shaw & Y.Wong). *J. arch. Sci.*
 'Understanding chimpanzees' (ed. P.Heltne & L.Marquardt). *New Scientist* 126: 66.
 'Domestication' (H.Hemmer). *New Scientist* 128: 56.
 'Mammalian reproductive biology' (F.Bronson). *Trends Ecol. Evol.* 5: 378.
 'Why the reckless survive' (M.Konner). *New York Times Review of Books* (30 Jul) p.11.
 'Evolution of social systems' (J.P.Scott). *Nature, Lond.*, 343: 323.
 'Primate origins and evolution' (R.Martin). *Times HES* (10 Nov) p.23.
- 1991 'Animal lifestyles and anatomies' (C.Oxnard et al). *Times Higher Ed. Suppl.*
 'Primate evolution' (G.Conroy). *Times Higher Ed. Suppl.* (19 May).
 'The human revolution' (ed. P.Mellars & C.Stringer). *J. arch. Sci.* 18: 624.
 'Language and intelligence in monkeys and apes' (ed. S.Parker & K.Gibson). *Q.J. exp. Psychol.* 43: 454-457.
 'Primate responses to environmental change' (ed. H.Box). *Anim. Behav.* 42: 335-337.
 'Natural theories of mind' (ed. A.Whiten). *New Scientist* Vol. 130
 'How monkeys see the world' (D.Cheney & R.Seyfarth). *Brain* 00: 000.
 'The Rise and Fall of the Third Chimpanzee' (J.Diamond). *Medicine & War*

8:213-214.

'The egalitarians: human and chimpanzee' (M.Power). *New Scientist* Vol.132 (21 Dec), pp. 71-2.

'Primate politics' (ed. G.Schubert & R.Masters). *Anim. Behav.* 43:700.

'How monkeys see the world' (D.Cheney & R.Seyfarth). *New Scientist* 132 (16 Nov), p.48.

1992 'Mating and marriage' (ed. V.Reynolds & J.Kellett). *Man* 27: 191-2.

'Phylogeny, ecology and behaviour' (D.Brooks & D.McLennan). *J. Biosocial Science*. 24: 139-141.

'The inevitable bond: examining scientist-animal interaction' (ed. H.Davis & D.Balfour). *New Scientist* Vol. 135 (no. 1840): 40.

'Blood relations' (C.Knight). *Times HES* (31 Jan), p.22.

'The capped langur' (C.Stanford). *Ethology* 91:83.

1993 'Coalitions and alliances in humans and other animals' (ed. A.Harcourt & F. de Waal). *Man* 28: 371-2.

'The sociobiological imagination' (ed. M.Maxwell). *Man* 28: 373.

'Chimpanzee material culture' (W.McGrew). *Nature, Lond.*,361:217.

'The last ape' (T.Kano). *Times HES* (18 June), p.26.

'The Neandertals' (E.Trinkhaus & P.Shipman) and 'In search of the Neanderthals' (C.Stringer & C.Gamble). *Times Lit. Suppl.* (23 July), p.20.

'Evolutionary Anthropology'. *Times HES* (8 Dec)

1994 'Evolution of lateral asymmetries, language, tool use and intellect' (J.Bradshaw & L.Rogers). *Man*

'Primate behaviour: information, social knowledge and the evolution of culture' (D.Quiatt & V.Reynolds). *Q.J. exp. Psych.* 47: 000.

'Primate social conflict' (ed. W.Mason & S.Mendoza). *J. human Evol.*

'Darwinism applied: evolutionary paths to social goals' (J.Beckstrom). *J. Biosocial Sci.* 26: 565-567.

'The thinking ape' (R.Byrne). *Trends Ecol Evol.* 10: 426.

'Descent of child' (E.Morgan) & 'Ape man' (R.Caird). *Times Ed. Suppl.*

'Evolution of desire' (D.Buss). *J. soc. pers. Psychol.* 52: 478-480.

'Beak of the finch' (J.Weiner). *Sunday Telegraph* (7 Aug), p.5.

'Lemur social systems' (ed. P.Kappeler & J.Ganzhorn). *Q.Rev.Biol.* 70: 111-112.

1995 Arguments about our origins [multiple book review]. *Times Ed. Suppl.* (10 Nov), p.10.

'Chimpanzee cultures' (ed. R.Wrangham, W.McGrew, F. de Waal & P.Heltne). *The Biologist*

'Survival and religion' (ed. E.Jones & V.Reynolds). *Times Higher Ed. Suppl.*

1996 'The origins of grammar: evidence from early language development' (K.Hirsh-Pasek & R.Gilinkoff). *Times Higher Ed. Suppl.* (26 July), p.24.

'African exodus' (C.Stringer & R.Mckie). *Observer* (3 Mar), p.16.

'Complexity and the function of mind in nature' (P.Godfrey-Smith). *Times Higher Ed. Suppl.* (April)

'In quest of the sacred baboon' (H.Kummer). *Trends Ecol. Evol.* 11: 307.

'Self-awareness in animals and humans' (ed. S.Parker, R.Mitchell & M.Boccia). *J. roy. anthrop. Inst.* 2:544-545.

'Plan and purpose in nature' (G.C.Williams). *New Scientist* 152 (No. 2059), p.49.

- 'Evolution and ecology of macaque societies' (ed. J.Fa & D.Lindburg). *J. anim. Ecol.* 65: 852-853.
- 'Reaching into thought: the minds of the great apes' (ed. A.Russon, K.Bard & S.Parker). *J. human Evol.*
- 'Social intelligence and interaction' (ed. E.Goody). *J. Roy. Anthropol. Instit.*
- 1997 'Great ape societies (ed. W.McGrew, L.Merchant & T.Nishida). *Trends Ecol. Evol.* 12: 165.
- 'Good natured' (F. de Waal). *Anim. Behav.* 54: 234-235.
- 'The symbolic species' (T.Deacon). *Literary Review* (September), pp. 48-49.
- 1998 'The origins of virtue' (M.Ridley). *Internat'l. Affairs* 74: 208-209.
- 'Handbook of human symbolic evolution' (ed. A.Lock & R.Peters). *J.Roy.Anthropol.Inst.*
- 'Foraging for survival' (S.Altmann). *Trends Ecol. Evol.* 13: 423-424.
- 'Primate adaptation and evolution', 2nd edit. (J.Fleagle). *J.Roy.Antrop.Inst..*
- 1999 'The descent of mind' (MC Corballis and SEG Lea). *J. Biosocial Sci.* 32:000-000.
- 2000 'Ever Since Adam and Eve: The evolution of human sexuality' (M.Potts and R.Short). *Times Higher Educ. Suppl.*
- 'Evolving brains' (John Allman). *Q.J. Exp. Psych.* 53B: 373-379.
- 'The evolution of mind' (ed. D.Cummins and C.Allen) and 'The symbolic species' (T.Deacon). *The Psychologist*
- 'A Natural History of Rape' (R.Thornhill & C.Palmer). *TREE* 00: 000
- 2002 'Mapping human history' (S.Olson). *Human Nature Reviews* 2: 336-7.
- 'Eat or be Eaten' (ed. L.Miller). *Ecoscience*
- 2003 'Not by Genes Alone' (P.Richerson & R.Boyd). *Nature* 423: 000-000.
- 'Monogamy" (U.Reichard & C.Boesche). *Ethology* 00: 000.
- 2004 'A Brief History of the Mind' (W.Calvin). *Nature* 427: 783.
- 'The Psychology of Good and Evil' (E.Straub). *THES*
- 'Evolution's Rainbow' (J.Roughgarden). *TREE*
- 2005 'The Singing Neanderthal' (S.Mithen). *Brit. Archaeol.* [July/august 2005], p. 48.
- 'Evolutionary Psychology: An Introduction' (L.Workman & W.Reader). [with J.E.Lycett]. *TREE* 20: 15-16.
- Play the ape [multiple book review]. *Times Lit. Suppl.* No. 5339 (29 July), p. 5-6.
- 'World Atlas of Great Apes and their Conservation'. *BBC Wildlife* 23(13): 66.
- 'Evolution of Intelligence' (J.Fetzer). *Intelligence*
- 2006 'Evolutionary Thought in Psychology' (H.Plotkin). *Amer. J. Psychol.* 55: 144-148
- 2007 'Baboon Metaphysics' (R.Seyfarth & D. Cheney). *TREE* 00: 000.
- 2009 'Origins of Human Communication' (M.Tomasello). *Current Anthropol.*
- 2010 'How Language Came to Be' (T.Fitch). *Evol. Psychol.*