

CURRICULUM VITAE

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BIRTH DATE: 16 June 1942 - London, England

WIFE: Anne-Elise MARTIN (née DELAMARE-DEBOUTTEVILLE)

CHILDREN: Oliver Yves MARTIN (born 3 November 1973)
Christopher Bruce MARTIN (born 2 February 1977)
Alexandra Victoria MARTIN (born 3 April 1986)

EDUCATION: 1964: B.A. (Honours) in Zoology. Worcester College, Oxford, England
1967: D.Phil. in Zoology (Animal Behaviour). Worcester College, Oxford, England

ACADEMIC POSITIONS:

1969-1974: Lecturer in Physical Anthropology University College London
1974-1978: Senior Research Fellow, in charge of the Wellcome Laboratories of Comparative Physiology, Zoological Society of London
1975: Visiting Professor, Physical Anthropology, Yale University (USA)
1978-1982: Reader in Physical Anthropology University College London
1978-1982: Visiting Professor in Zoology, Birkbeck College, London (organiser of Primate Biology course)
1982-1986: Professor of Physical Anthropology, University College London
1983: Professeur Associé, Musée de l'Homme, Paris, France
1986-2001: Professor and Director, Anthropologisches Institut und Museum, Universität Zürich-Irchel, Switzerland
2001-2003: Vice President for Academic Affairs, The Field Museum, Chicago
2003-2006: Provost, The Field Museum, Chicago
2006-2013: A. Watson Armour III Curator of Biological Anthropology, The Field Museum, Chicago
2013-present: Emeritus Curator of Biological Anthropology, The Field Museum, Chicago
2001-present: Member of the Committee on Evolutionary Biology, University of Chicago
2001-present: Adjunct Professor, Department of Anthropology, University of Illinois at Chicago
2003-present: Adjunct Professor, Department of Anthropology, Northwestern University, Chicago
2010-present: Adjunct Professor, Department of Anthropology, University of Chicago.
2014-present: Courtesy Professor, Department of Biological Sciences, Florida International University.
2016-present: Academic Guest, Institute for Evolutionary Medicine, University of Zürich, Switzerland.

FELLOWSHIPS AND GRANTS:

1961-1964 Open Scholarship (Natural Sciences) Worcester College, Oxford
1964-1966 German Academic Exchange Service Grant for postgraduate research: Max-Planck-Institut für Verhaltensforschung, Seewiesen, Germany
1966-1967 Science Research Council research studentship: Department of Zoology, Oxford University
1967-1969 NATO postdoctoral fellowship (Science Research Council): Muséum National d'Histoire Naturelle, Brunoy, France
1968 Royal Society (London) grant-in-aid for 6-month field study of primates in Madagascar
1970 Royal Society (London) grant-in-aid for 2 months in Madagascar (conference + field-study)
1969-1973 Medical Research Council (London): grant for laboratory research into reproduction and behaviour of nocturnal prosimian primates

- 1975-1977 Royal Society (London): grant-in-aid for 2-year field study of behaviour and ecology of lesser bushbabies in South Africa (in collaboration with Dr. S.K.Bearder)
- 1976-1979 Wellcome Trust (London): grant for 3-year laboratory research project on reproductive biology of South American primates
- 1978-1980 Wildlife Preservation Trust International: 3-year grant for research into the reproductive endocrinology of endangered great ape and bird species.
- 1980 Royal Society (London) - CNPq (Brazil): grant for 1-month study visit to Brazil to survey primate field study sites
- 1981 Smithsonian Tropical Research Institute, Panama: 2-month Senior Visiting Fellowship
- 1982-1985 Medical Research Council (London): 3-year project grant for investigation of quantitative aspects of brain development and associated reproductive features of primates
- 1982-1985 3-year Academic Exchange between Anthropology Department, University College London and the Primatology Centre, Rio de Janeiro, Brazil, supported by British Council and CNPq
- 1989 Stiftung für wissenschaftliche Forschung der Universität Zürich: 1-year project grant for research into the reproductive biology of Goeldi's monkeys
- 1991 Stiftung für wissenschaftliche Forschung der Universität Zürich and Julius-Klaus-Stiftung der Universität Zürich: 1-year project grants for research into variation of DNA in wild Barbary macaques
- 1992 Julius-Klaus-Stiftung der Universität Zürich: 1-year project grant for research into variation of DNA in wild Barbary macaques
- 1992 Stiftung für wissenschaftliche Forschung der Universität Zürich: 1-year project grant for research into the basal metabolism of New World monkeys
- 1993 Stiftung für wissenschaftliche Forschung der Universität Zürich: travel grant for pilot visit to primate fossil localities in northern Spain
- 1990-1995 Schweizerischer Nationalfonds: 5-year project grant for research into reproductive behaviour and endocrinology of Goeldi's monkeys
- 1992-2000 Schweizerischer Nationalfonds: 3-year + 5-year project grants for research into computer-assisted reconstruction and morphometry of hominoid skulls.
- 1993-2001 Schweizerischer Nationalfonds: 3-year + 5-year project grants for research into variation of DNA in endangered primate species.
- 2001-2004 Negaunee Foundation, Chicago: 3-year project grant for generating electronic reporting of fieldwork by Field Museum scientists.
- 2014-2015 Resident Fellow at the Institute for Advanced Study, Wissenschaftskolleg, Berlin.

DISTINCTIONS AND PRIZES:

- 1968: Thomas Henry Huxley Award from the Zoological Society of London for Ph.D. thesis completed in 1967
- 1977: Elected Fellow of the Institute of Biology (London)
- 1982: Invited to give the 52nd James Arthur Lecture on the Evolution of the Human Brain, American Museum of Natural History, New York
- 1983: Invited to give the 11th Curl Lecture in Anthropology by the Royal Anthropological Institute (London)
- 1985: Invited to give a special guest lecture in the Honors Program of the University of Pittsburgh
- 1989: Invited to give a special guest lecture at the symposium "Fertility in the Great Apes" in Atlanta, Georgia
- 1990: Invited to give the Osman Hill Memorial Lecture in Primatology (with Memorial Medal) by the Primate Society (Great Britain)
- 1993: Award for Excellence in the category "Best Specialist Reference Work 1992" awarded by the Literati Club (UK) for *The Cambridge Encyclopedia of Human Evolution* (shared with S.Bunney, J.S.Jones, and D.R.Pilbeam).
- 1995: D.Sc. degree awarded by the University of Oxford
- 1998: Invited to give the Gerald Durrell Lecture by the Jersey Wildlife Preservation Trust
- 2001: Elected Professor Emeritus by the University of Zürich, Switzerland

- 2003: Invited to give the Ernst Mayr Lecture by the Berlin-Brandenburgische Akademie der Wissenschaften and the Wissenschaftskolleg zu Berlin
- 2004: Elected Fellow of the American Association for the Advancement of Science, Section on Anthropology
- 2012: Distinguished Primatologist Award from the Midwest Primate Interest Group, USA
- 2014-2015: Resident Fellow at the Wissenschaftskolleg (International Institute of Advanced Study), Berlin

RESEARCH PROJECTS:

- 1964-1967: Laboratory investigation of the reproductive behaviour and evolution of tree-shrews.
- 1967-1969: Laboratory investigation of the reproductive behaviour and evolution of mouse lemurs.
- 1968: Field study of lemur distribution and behaviour (Madagascar).
- 1970: Field study of behaviour and ecology of mouse lemurs (Madagascar).
- 1969-1973: Laboratory study of reproductive behaviour and physiology of nocturnal prosimians.
- 1974-1978: Laboratory research on reproductive behaviour and endocrinology of primates (especially great apes).
- 1975-1977 Radiotracking field study of behaviour and ecology of lesser bushbabies in South Africa (collaborative project with Dr. S.K.Bearder).
- 1978-1986 1. Quantitative studies of the evolutionary biology of primates, emphasizing evolution of the brain.
2. Reproductive biology of primates, emphasizing captive breeding and conservation.
- 1986-present: 1. Allometric scaling in primate evolution.
2. Determining times of origin for primates and other mammals.
3. Behavioural ecology, conservation biology and genetics of primates.
4. Reproduction, mating systems, social organization and paternity in primates.

ACTIVITIES & SOCIETIES:

- Zoological Society of London*: Scientific Fellow 1970-present.
- Society for the Study of Human Biology*: Member 1977-86; Council Member 1981-86.
- Institute of Biology*: Elected Fellow in 1977.
- Primate Society of Great Britain*: Member from 1970; Council Member 1973-82; Secretary 1975-78; Chairman, Working Party on Primate Breeding 1978-80; President 1979-82.
- Jersey Wildlife Preservation Trust*: Member of Scientific Advisory Committee from 1975; Honorary Life Member from 1976; Member of Council 1978-2001.
- Fauna and Flora Preservation Society*: Member 1978-86; Council Member 1978-83 & 1984-86
- L.S.B. Leakey Trust (U.K.)*: Member of Executive Committee and Trustee 1982-86.
- A.H.Schultz-Stiftung (Zürich, Switzerland)*: President 1986-2002.
- Julius Klaus-Stiftung (Zürich, Switzerland)*: Council Member 1986-2001; President 2000-2001.
- Schweizerische Anthropologische Gesellschaft*: Member 1986-2001; President 1989-91.
- Forschungskommission der Universität Zürich*: Committee Member 1991-93.
- Zürich Zoo*: Member of Council (1987-98) and of Zoo Animal Biology Committee (1987-92).
- National Science Foundation of Switzerland*: Member of the National Research Committee (1993-2001).
- American Association for the Advancement of Science*: Member since 2003.

PUBLICATIONS:

a. PAPERS IN PEER-REVIEWED JOURNALS

1. Martin,R.D. (1966): Treeshrews: Unique reproductive mechanism of systematic importance. *Science* **152**, 1402-1404.
2. Martin,R.D. (1968): Reproduction and ontogeny in tree-shrews (*Tupaia belangeri*) with reference to their general behaviour and taxonomic relationships. *Z. Tierpsychol.* **25**, 409-532.
3. Martin,R.D. (1968): Towards a new definition of primates. *Man* **3**, 377-401.
4. Charles-Dominique,P. & Martin,R.D. (1970): Evolution of lorises and lemurs. *Nature, Lond.* **227**, 257-260. [reprinted 1998 in: pp. 69-71 in: *Primate Evolution and Human Origins*. (eds. Ciochon,R.L. & Fleagle,J.G.). Benjamin/Cummings Pub.Co.: Menlo Park, California.]

5. Martin,R.D. (1972): Adaptive radiation and behaviour of the Malagasy lemurs. *Phil. Trans. Roy. Soc. (Lond.) B* **264**, 295-352.
6. D'Souza,F. & Martin,R.D. (1974): Maternal behaviour and the effects of stress in tree shrews. *Nature, Lond.* **251**, 309-311.
7. Hunter,J., Martin,R.D., Dixson,A.F. & Rudder,B.C.C. (1979): Gestation and inter-birth intervals in the owl monkey (*Aotus trivirgatus griseimembra*). *Folia Primatol.* **31**, 165-175.
8. Bearder,S.K. & Martin,R.D. (1980): *Acacia* gum and its use by bushbabies, *Galago senegalensis* (Primates: Lorisidae). *Int. J. Primatol.* **1**, 103-128.
9. Martin,R.D. (1981) Relative brain size and metabolic rate in terrestrial vertebrates. *Nature, Lond.* **293**, 57-60.
10. Gingerich,P.D. & Martin,R.D. (1981): Cranial morphology and adaptations in Eocene Adapidae. II: The Cambridge skull of *Adapis parisiensis*. *Amer. J. phys. Anthrop.* **56**, 235-257.
11. McNeilly,A.S., Hodges,J.K., Smuts,G.S. & Martin,R.D. (1983): Blood concentrations of gonadotrophins, prolactin and gonadal steroids in male and in non-pregnant female African elephants (*Loxodonta africana*). *J. Reprod. Fertil.* **67**, 113-120.
12. Brand,H.M. & Martin,R.D. (1983): The relationship between female urinary oestrogen excretion and mating behaviour in cotton-topped tamarins, *Saguinus oedipus oedipus*. *Int. J. Primatol.* **4**, 275-290.
13. Martin,R.D. & MacLarnon,A.M. (1985): Gestation period, neonatal size and maternal investment in placental mammals. *Nature, Lond.* **313**, 220-223.
14. Martin,R.D. & MacLarnon,A.M. (1986): Maternal investment in mammals: Reply to Zeveloff and Boyce. *Nature, Lond.* **321**, 538.
15. Pryce,C.R., Abbott,D.H., Hodges,J.K. & Martin,R.D. (1988): Maternal behaviour is related to parturition urinary oestradiol levels in red-bellied tamarin monkeys. *Physiol. Behav.* **44**, 717-726.
16. Dutrillaux,B., Lombard,M., Carroll,J.B. & Martin,R.D. (1988): Chromosomal affinities of *Callimico goeldii* (Platyrrhini) and characterization of a Y-autosome translocation in the male. *Folia Primatol.* **50**, 230-236.
17. Carroll,J.B., Abbott,D.H., George,L.M. & Martin,R.D. (1989): Aspects of urinary oestrogen excretion during the ovarian cycle and pregnancy in Goeldi's monkey, *Callimico goeldii*. *Folia Primatol.* **52**, 201-205.
18. Christen,A., Döbeli,M., Kempken,B., Zachmann,M. & Martin,R.D. (1989): Urinary excretion of oestradiol-17 β in the female cycle of Goeldi's monkeys (*Callimico goeldii*). *Folia Primatol.* **52**, 191-200.
19. Martin,R.D. & Barbour,A.D. (1989): Aspects of line-fitting in bivariate allometric analyses. *Folia Primatol.* **53**, 65-81.
20. Thalmann,U., Haubold,H. & Martin,R.D. (1989): *Pronycticebus neglectus* - An almost complete adapid primate specimen from the Geiseltal (GDR). *Palaeovertebrata* **19**, 115-130.
21. Carroll,J.B., Abbott,D.H., George,L.M., Hindle,J.E. & Martin,R.D. (1990): Urinary endocrine monitoring of the ovarian cycle and pregnancy in Goeldi's monkey. *J. Reprod. Fertil.* **89**, 149-161.
22. Hartwig-Scherer,S. & Martin,R.D. (1991): Was 'Lucy' more human than her 'child'? Observations on early hominid postcranial skeletons. *J. hum. Evol.* **21**, 439-449.
23. Hartwig-Scherer,S. & Martin,R.D. (1992): Allometry and prediction in hominoids: A solution to the problem of intervening variables. *Amer. J. phys. Anthrop.* **88**, 37-57.
24. Martin,R.D. (1992) Goeldi and the dwarfs: the evolutionary biology of the small New World monkeys. *J. hum. Evol.* **22**, 367-393.
25. Pryce,C.R., Döbeli,M. & Martin,R.D. (1993): Effects of sex steroids on maternal motivation in the common marmoset (*Callithrix jacchus*): Development and application of an operant system with maternal reinforcement. *J. comp. Psychol.* **107**, 99-115.
26. Martin,R.D. (1993): Primate origins: plugging the gaps. *Nature, Lond.* **363**, 223-234.
27. Jurke,M.H., Pryce,C.R., Döbeli,M. & Martin,R.D. (1994): Non-invasive detection and monitoring of pregnancy and the postpartum period in Goeldi's monkey (*Callimico goeldii*) using urinary pregnanediol-3 α -glucuronide. *Amer. J. Primatol.* **34**, 319-331.
28. von Segesser,F., Scheffrahn,W. & Martin,R.D. (1995): Parentage analysis within a semi-free-ranging group of Barbary macaques *Macaca sylvanus*. *Mol. Ecol.* **4**, 115-120.

29. Zollikofer,C.P.E., Ponce de León,M.S., Martin,R.D. & Stucki,P. (1995): Neanderthal computer skulls. *Nature, Lond.* **375**, 283-285.
30. Martin,R.D. (1996): Scaling of the mammalian brain: the maternal energy hypothesis. *News Physiol. Sci.* **11**, 149-156.
31. Genoud,M, Martin,R.D. & Glaser,D. (1997): Rate of metabolism in the smallest simian primate, the pygmy marmoset (*Cebuella pygmaea*). *Amer. J. Primatol.* **41**, 229-245.
32. Zollikofer,C.P.E., Ponce de León,M.S. & Martin,R.D. (1998): Computer-assisted paleoanthropology. *Evol. Anthropol.* **6**, 41-54.
33. Pastorini,J., Forstner,M.R.J., Martin,R.D. & Melnick,D.J. (1998): A re-examination of the phylogenetic position of *Callimico* (Primates) incorporating new mitochondrial DNA sequence data. *J. mol. Evol.* **47**, 32-41.
34. Dettling,A., Pryce,C.R., Martin,R.D. & Döbeli,M. (1998): Physiological responses to parental separation and a strange situation are related to parental care received in juvenile Goeldi's monkeys (*Callimico goeldii*). *Dev. Psychobiol.* **33**, 21-31.
35. Grob,B., Knapp,L.A., Martin,R.D. & Anzenberger,G. (1998): The major histocompatibility complex and mate choice: Inbreeding avoidance and selection of good genes. *Exp. Clin. Immunogenet.* **15**, 119-129.
36. Bahr,N.I., Pryce,C.R., Döbeli,M. & Martin,R.D. (1998): Evidence from urinary cortisol that maternal behavior is related to stress in gorillas. *Physiol. Behav.* **64**, 429-437.
37. Curtis,D.J., Zaramody,A. & Martin,R.D. (1999): Cathemerality in the monogoose lemur, *Eulemur mongoz*. *Amer. J. Primatol.* **47**, 279-298.
38. Nievergelt,C. & Martin,R.D. (1999): Energy intake during reproduction in captive common marmosets (*Callithrix jacchus*). *Physiol. Behav.* **65**, 849-854.
39. von Segesser,F., Ménard,N., Gaci,B. & Martin,R.D. (1999): Genetic differentiation within and between isolated Algerian subpopulations of Barbary macaques (*Macaca sylvanus*): evidence from microsatellites. *Mol. Ecol.* **8**, 433-442.
40. Windle,C., Baker,H.F., Ridley,R.M., Oerke,A.-K. & Martin,R.D. (1999): Unreared litters and prenatal reduction of litter size in the common marmoset (*Callithrix jacchus*). *J. med. Primatol.* **28**, 73-83.
41. Hemelrijk,C.K., Meier,C. & Martin,R.D. (1999): Friendship for fitness in chimpanzees? *Anim. Behav.* **58**, 1223-1229.
42. Meier,C., Hemelrijk,C.K. & Martin,R.D. (2000): Paternity determination, genetic characterization and social correlates in a captive group of chimpanzees (*Pan troglodytes*). *Primates* **41**, 175-183.
43. Pastorini,J., Epplen,J.T. & Martin,R.D. (2000): Multilocus DNA fingerprinting using oligonucleotide probes in 5 macaque species. *Folia Primatol.* **71**, 161-168.
44. Pastorini,J., Forstner,M.R.J. & Martin,R.D. (2000): Relationships among brown lemurs (*Eulemur fulvus*) based on mitochondrial DNA sequences. *Mol. Phylogenet. Evol.* **16**, 418-429.
45. Martin,R.D. (2000) Origins, diversity and relationships of lemurs. *Int. J. Primatol.* **21**, 1021-1049.
46. Pastorini,J., Forstner,M.R.J. & Martin,R.D. (2001): Phylogenetic history of sifakas (*Propithecus*: Lemuriformes) derived from mtDNA sequences. *Amer. J. Primatol.* **53**, 1-17.
47. Pastorini,J., Martin,R.D., Ehresmann,P., Zimmermann,E. & Forstner,M.R.J. (2001): Molecular phylogeny of the lemur family Cheirogaleidae (Primates) based on mitochondrial DNA sequences. *Mol. Phylogenet. Evol.* **19**, 45-56.
48. Hemelrijk,C.K., Meier,C. & Martin,R.D. (2001): Social positive behaviour for reproductive benefits in primates? A response to comments by Stopka *et al.* (2001). *Anim. Behav.* **61**, F22-F24.
49. Ménard,N., von Segesser,F., Scheffrahn,W., Pastorini,J., Vallet,D., Gaci,B., Martin,R.D. & Gautier-Hion,A. (2001): Is male-infant caretaking related to paternity and/or mating activities in wild Barbary macaques (*Macaca sylvanus*)? *C. R. Acad. Sci. Paris, Sci. Vie* **324**, 601-610.
50. Bahr,N.I., Martin,R.D. & Pryce,C.R. (2001): Peripartum sex steroid profiles and endocrine correlates of postpartum maternal behavior in captive gorillas (*Gorilla gorilla gorilla*). *Horm. Behav.* **40**, 533-541.
51. Tavaré,S., Marshall,C.R., Will,O., Soligo,C., & Martin,R.D. (2002). Using the fossil record to estimate the age of the last common ancestor of extant primates. *Nature, Lond.* **416**, 726-729.
52. Isler,K., Barbour,A.D. & Martin,R.D. (2002): Line-fitting by rotation: A nonparametric method for bivariate allometric analysis. *Biometr. J.* **44**, 289-304.

53. Pastorini,J., Forstner,M.R.J. & Martin,R.D. (2002): Phylogenetic relationships among Lemuridae (Primates): Evidence from mtDNA. *J. Hum. Evol.* **43**, 463-478.
54. Pastorini,J., Thalmann,U. & Martin,R.D. (2003): A molecular approach to comparative phylogeography of extant Malagasy lemurs. *Proc. Natl. Acad. Sci. USA.* **100**, 5879-5884.
55. Kälén,N., Martin,R.D. & Genoud,M. (2003): Basal rate of metabolism and temperature regulation in Goeldi's monkey (*Callimico goeldii*). *Comp. Biochem. Physiol. A* **135**, 279-290.
56. Martin,R.D. (2003): Human reproduction: A comparative background for medical hypotheses. *J. Reprod. Immunol.* **59**, 111-135.
57. Olson,L.E., Sargis,E.J. & Martin,R.D. (2004): Phylogenetic relationships among tree shrews (Scandentia): A review and critique of the morphological evidence. *J. Mamm. Evol.* **11**, 49-71.
58. Martin,R.D., Genoud,M. & Hemelrijk,C.K. (2005): Problems of allometric scaling analysis: Examples from mammalian reproductive biology. *J. Exp. Biol.* **208**, 1731-1747.
59. Modolo,L., Salzburger,W. & Martin,R.D. (2005): Phylogeography of Barbary macaques (*Macaca sylvanus*) and the origin of the Gibraltar population. *Proc. Natl. Acad. Sci. USA* **102**, 7392-7397.
60. Olson,L.E., Sargis,E.J. & Martin,R.D. (2005): Intraordinal phylogenetics of treeshrews (Mammalia: Scandentia) based on evidence from the mitochondrial 12S rRNA gene. *Mol. Phylogenet. Evol.* **35**, 656-673.
61. Kümmerli,R. & Martin,R.D. (2005): Male and female reproductive success in Barbary macaques (*Macaca sylvanus*) in Gibraltar: No evidence for rank dependence. *Int. J. Primatol.* **26**, 1229-1249.
62. Miller,E.R., Gunnell,G.F & Martin,R.D. (2005): Deep time and the search for anthropoid origins. *Yrbk. phys. Anthropol.* **48**, 60-95.
63. Soligo,C. and Martin,R.D. (2006): Adaptive origins of primates revisited. *J. Hum. Evol.* **50**, 414-430.
64. Martin,R.D., MacLarnon,A.M., Phillips,J.L., Dussubieux,L., Williams,P.R. & Dobyns,W.B. (2006). Comment on 'The brain of LB1, *Homo floresiensis*' (Technical Comment). *Science* **312**, 999b.
65. Martin,R.D., MacLarnon,A.M., Phillips,J.L. & Dobyns,W.B. (2006): Flores hominid: New species or microcephalic dwarf? *Anat. Rec.* **288A**, 1123-1145.
66. Martin,R.D. (2007): The evolution of human reproduction: A primatological perspective. *Yrbk. phys. Anthropol.* **50**, 59-84.
67. Martin,R.D., Soligo,C. & Tavaré,S. (2007): Primate origins: Implications of a Cretaceous ancestry. *Folia Primatol.* **78**, 277-296.
68. Perry,G.H., Martin,R.D. & Verrelli,B.C. (2007): Signature of functional constraint in aye-aye opsin genes: the potential of adaptive color vision in a nocturnal primate. *Mol. Biol. Evol.* **24**, 1963-1970.
69. Soligo,C. & Martin R.D. (2007): The first primates: a reply to Silcox *et al.* *J. hum. Evol.* **53**, 325-328.
70. Isler,K., Kirk,E.C., Miller,J.M.A., Albrecht,G.A., Gelvin,B.R. & Martin,R.D. (2008): Endocranial volumes of primate species: Scaling analyses using a comprehensive and reliable dataset. *J. hum. Evol.*, **55**, 967-978
71. Kümmerli,R. & Martin, R.D. (2008): Patterns of infant handling and relatedness in Barbary macaques (*Macaca sylvanus*) on Gibraltar. *Primates* **49**, 271-282.
72. Martin,R.D. (2008): Evolution of placentation in primates: Implications of mammalian phylogeny. *Evol. Biol.* **35**, 125-145.
73. Modolo,L & Martin R.D. (2008): Reproductive success in relation to dominance rank in the absence of prime-age males in Barbary macaques. *Amer. J. Primatol.* **70**, 26-34.
74. Modolo,L., Martin,R.D., van Schaik,C.P., van Noordwijk,M.A. & Krutzen,M. (2008): When dispersal fails: Genetic separation despite close proximity in Gibraltar macaques. *Mol. Ecol.* **18**, 4027-4038.
75. Wilkinson,R.D., Steiper,M.E., Soligo,C., Martin,R.D., Yang,Z. & Tavaré,S. (2011): Dating primate divergences through an integrated analysis of palaeontological and molecular data. *Syst. Biol.* **60**, 16-31.
76. Martin,R.D. (2012): Reproductive characteristics of New World monkeys. *Int. Zoo Yrbk.* **46**, 95-108.
77. Yao,L., Brown,J.P., Stampanoni,M., Marone,F., Isler,K. & Martin,R.D. (2012) Evolutionary change in brain size of bats. *Brain, Behav. Evol.* **80**, 15-25.

b. PAPERS WITHOUT PEER REVIEW

78. Martin,R.D. (1969): The evolution of reproductive mechanisms in primates. *J. Reprod. Fertil., Suppl.* **6**, 49-66. (Paper given to the *International Symposium on the Biology of Reproduction in Mammals*, Nairobi, Kenya 1968)
79. Martin,R.D. (1972): A preliminary field-study of the lesser mouse lemur (*Microcebus murinus*, J.F.Miller 1777). *Z. Tierpsychol., Beiheft* **9**, 43-89.
80. Martin,R.D. (1973): Comparative anatomy and primate systematics. *Symp. zool. Soc. Lond.* **33**, 301-337.
81. Martin,R.D. (1975): Breeding tree-shrews, *Tupaia belangeri*, and mouse lemurs, *Microcebus murinus*, in captivity. *Int. Zoo Yb.* **15**, 35-41.
82. Martin,R.D., Seaton,B. & Lusty,J. (1975): Application of urinary hormone determinations in the management of gorillas. *Ann. Rep. Jersey Wildl. Pres. Trust* **12**, 61-70.
83. Martin,R.D., Rivers,J.P.W. & Cowgill,U.M. (1976): Culturing mealworms as food for animals in captivity. *Int. Zoo Yb.* **16**, 63-70.
84. Martin,R.D. (1976): A zoologist's view of research on reproduction. *Symp. zool. Soc. Lond.* **40**, 283-319.
85. Clift,J.P. & Martin,R.D. (1978): Monitoring of pregnancy and post-natal behaviour in a female lowland gorilla, *Gorilla g. gorilla*, at London Zoo. *Int. Zoo Yb.* **18**, 358-370.
86. Martin,R.D., Kingsley,S.R. & Stavy,M. (1978): Prospects for coordinated research into breeding of great apes in zoological collections. *Dodo (J. Jersey Wildl. Pres. Trust)* **14**, 45-55.
87. Kingsley,S.R. & Martin,R.D. (1979): A case of placenta praevia in an orang-utan. *Vet. Rec.* **104**, 56-57.
88. Stavy,M., Gilbert,D. & Martin,R.D. (1979): Routine determination of sex in monomorphic bird species using faecal steroid analysis. *Int. Zoo Yb.* **19**, 209-214.
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211. Martin,R.D., Pastorini,J. & Oerke,A.-K. (2000): Reproductive biology and phylogenetic relationships of Goeldi's monkey. *Homo* **51**, **Suppl.**, S83.
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222. Davion,E. & Martin,R.D. (2008): Why do nocturnal primates have cones? *Primate Eye* **96** (special issue), 215.
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f. GENERAL ARTICLES

230. Martin,R.D. (1966): Sind Spitzhörnchen wirklich Vorfahren der Affen? *Umschau Wiss. Techn.* **66**, 437-438.
231. Martin,R.D. (1968): Not primates after all. *Animals* **10**, 488-490.

232. Martin,R.D. (1970): Exile for survival: the aye-aye. *World Wildlife News* **1970**, 8-9.
233. Martin,R.D. (1972): The Oxford Expedition to Madagascar 1968. *Bull. Oxf. Univ. Explor. Club* **17**, 151-171.
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239. Martin,R.D. (1976): How to plant a family tree: Searching for our ancestors among the mouse lemurs of Madagascar. *Animal Kingdom* **79**, 4-11.
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252. Martin,R.D. (1984): Dwarf and mouse lemurs. pp 326-327 in: *The Encyclopaedia of Mammals*, vol. 1. (ed. Macdonald,D.). George Allen & Unwin: London.
253. Martin,R.D. (1984): Tree shrews. pp 440-445 in: *The Encyclopaedia of Mammals*, vol. 1. (ed. Macdonald,D.). George Allen & Unwin: London.
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260. Martin,R.D. (1990): Some relatives take a dive. *Nature, Lond.* **345**, 291-292. (News and Views)
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285. Martin,R.D. (2003): Scandentia: Tree shrews. pp. 289-298 in: *Grzimek's Animal Life Encyclopedia, Volume 13: Mammals II.* (eds. Kleiman,D.G., Geist,V., Hutchins,M. & McDade,M.C.). Gale Group, Farmington Hills, Michigan.
286. Martin,R.D. (2003): Dermoptera: Colugos. pp. 299-305 in: *Grzimek's Animal Life Encyclopedia, Volume 13: Mammals II:* (eds. Kleiman,D.G., Geist,V., Hutchins,M. & McDade,M.C.). Gale Group: Farmington Hills, Michigan.
287. Martin,R.D. (2003): Primates. pp. 1-12 in: *Grzimek's Animal Life Encyclopedia, Volume 14: Mammals III.* (eds. Kleiman,D.G., Geist,V., Hutchins,M. & McDade,M.C.). Gale Group: Farmington Hills, Michigan.
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293. Martin,R.D. (2003): Old World monkeys II: Cercopithecinae. pp. 187-206 in: *Grzimek's Animal Life Encyclopedia, Volume 14: Mammals III.* (eds. Kleiman,D.G., Geist,V., Hutchins,M. & McDade,M.C.).

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294. Martin,R.D. (2004): Chinese lantern for early primates. *Nature, Lond.* **427**, 22-23. (News and Views)
295. Pestle,W.J., Martin,R.D. & Colvard,M. (2008) How old was Magdalenian Girl at death: The Field Museum responds to Dr. Sperber's comments. *AAOMS Today* **March/April**, 6-7.
296. Martin,R.D. (2008) Colugos: Obscure mammals glide into the evolutionary limelight. *J. Biol.* **7**, Art 13, 1-5.
297. Martin,R.D. (2010): Foreword. pp. vii-xiv in: *The Evolution of Exudatory in Primates*. (eds. Burrows, A.M. & Nash, L.T.), Springer: New York.
298. Martin,R.D. (2011): Preface. pp. xvii-xxx in: *Field and Laboratory Methods in Primatology: A Practical Guide (Second Edition)*. (eds. Setchell,J.M. & Curtis,D.J.). Cambridge University Press: Cambridge.
299. Martin, R.D. (2012) Foreword. pp. vii-ix in: *Primate Sexuality: Comparative Studies of the Prosimians, Monkeys, Apes, and Humans* (author Dixson,A.F.), Oxford: Oxford University Press.
300. Martin, R.D. (2012) Primer: Primates. *Curr. Biol.* **22**, R785-R790.

g. TRANSLATIONS:

301. German-English 1967 WICKLER, W.: *Mimicry in Plants and Animals*. pp. 253. World University Library: London.
302. German-English 1970 LORENZ, K.: *Studies in Animal and Human Behaviour*. vol.1, pp. 403. Methuen & Co.Ltd.: London.
303. German-English 1971 LORENZ, K.: *Studies in Animal and Human Behaviour*. vol. 2, pp. 336. Methuen & Co.Ltd.: London.
304. German-English 1973 VON HOLST, E.: *The Behavioural Physiology of Animals and Man*. vol.1, pp. 341. Methuen & Co.Ltd.: London.
305. French-English 1977 CHARLES-DOMINIQUE, P.: *Ecology and Behaviour of Nocturnal Primates*. pp. 266. Duckworth: London.
306. German-English 1979 LORENZ, K.: *The Year of the Greylag Goose*. pp. 199. Eyre Methuen Ltd.: London.
307. German-English 1991 LORENZ, K.: *Here am I – Where are You?* pp. 270. Harcourt Brace Jovanovich: New York.
308. German-English 1995 LORENZ,K. : *The Natural Science of the Human Species: An Introduction to Comparative Behavioural Research. The "Russian Manuscript"*. pp. 337. MIT Press: Cambridge, MA.
309. French-English 2013 PETTER,J.-J. & DEBORDES,F. *Primates of the World: An Illustrated Guide*. pp. 192. Princeton University Press: Princeton, NJ.

h. BOOK PROJECTS IN PROGRESS:

Primate Evolution: A Synthetic Approach (University of Chicago Press)

Projected date for completion of manuscript: June 2015

EDITORIAL EXPERIENCE:

- 1964-1971: Translator and Advisor to the *Zeitschrift für Tierpsychologie*.
- 1972-1986: Advisory Editor to *Terre et Vie*.
- 1979-1982: Member of the Editorial Board of *Man*.
- 1979-1990: Advisory Editor to *International Journal of Primatology*.
- 1971-present: Reviewer and Reporter on evolutionary biology of primates to *Biologist, Man, Nature, New Scientist, New Society, Science* and the *Times Higher Educational Supplement*.
- 1982-1987: Member of the Editorial Board of the *International Zoo Yearbook*.
- 1983-present: Consulting Editor to *Zoo Biology*.
- 1986-1989: Member of Editorial Board of *Trends in Ecology and Evolution*.
- 1987-1996: Editor, then Associate Editor of *Folia Primatologica*.

PhD RESEARCH STUDENTS:

- 1. June M. M. Rollinson:** *Locomotor behaviour of cercopithecine monkeys.* Supported by Science Research Council (NATO Studentship). Research conducted at the Station Biologique de Paimpont, Université de Rennes, France. Awarded PhD 1975.
- 2. Jon I. Pollock:** *Behaviour and ecology of indri in Madagascar.* Supported by a Royal Society Leverhulme Studentship and by a Medical Research Council Studentship. Awarded PhD 1976.
- 3. Katherine M. Homewood:** *Behaviour and ecology of the Tana River mangabey.* Supported by Royal Society Leverhulme Studentship. Awarded PhD 1976.
- 4. Ben C. C. Rudder:** *Allometric study of reproductive parameters in primates.* Supported by Medical Research Council Studentship. Awarded PhD 1979.
- 5. Angela F. Glatston:** *Reproduction and behaviour of the lesser mouse lemur (Microcebus murinus, Miller 1777) in captivity.* Supported by Science Research Council Studentship. Awarded PhD 1979.
- 6. Susan R. Kingsley:** *Reproductive physiology and behaviour of captive orangutans (Pongo pygmaeus).* Supported by Medical Research Council studentship. Awarded PhD 1981.
- 7. Heather M. Brand:** *The reproductive behaviour and endocrinology of the cotton-topped tamarin Saguinus oedipus oedipus (Callitrichidae, Primates).* Supported by CSIR Bursary. (Registered at Birkbeck College, London; jointly supervised with Dr.A.Milner) Awarded PhD 1984.
- 8. Stephen Dreyer:** *The use of ecological diversity in palaeoecology.* Supported by Medical Research Council studentship. (Jointly supervised with Dr. P.Andrews) Awarded PhD 1984.
- 9. Graham Drucker:** *Ecology and conservation of Barbary macaques.* Supported by Science Research Council studentship. Did not complete PhD.
- 10. Ann M. MacLarnon:** *Evolution of the spinal cord and associated skeleton in primates.* (Part-time registration; employed as Research Assistant) Awarded PhD 1987.
- 11. Christopher R. Pryce:** *Endocrine and social correlates of tamarin maternal behaviour and failure.* (Part-time registration; self-financed.) Awarded PhD 1988.
- 12. Stephen F. Ferrari:** *Behavioural ecology of an endangered marmoset species, Callithrix flaviceps.* Supported by Medical Research Council studentship and by a grant from the A.H.Schultz Foundation. Awarded PhD 1988.
- 13. Lesley A. Willner:** *Quantitative analysis of sexual dimorphism in primates.* (Part-time registration; self-financed) (Jointly supervised with Dr. R.Dunbar) Awarded PhD 1989.
- 14. Caroline A. Ross:** *Analysis of life-history patterns of primates and other mammals.* Supported by Science and Engineering Research Council studentship and by a grant from the A.H.Schultz Foundation. Awarded PhD 1989.
- 15. J. Bryan Carroll:** *The captive behaviour and reproduction of Goeldi's monkey Callimico goeldii.* (Part-time registration; Open University) (Jointly supervised with Drs. N.Chalmers & T.Halliday) Awarded PhD 1992.
- 16. Urs Thalmann:** *A review of the Eocene primates from the Geiseltal.* Supported by the A.H.Schultz Foundation. Awarded PhD 1993.
- 17. Thomas Geissmann:** *Patterns of communication and evolution of gibbons.* Partly self-financed, partly supported by the A.H.Schultz Foundation. Awarded PhD 1993.
- 18. Sigrid Hartwig-Scherer:** *Quantitative study of cranial development in great apes and humans.* Partly self-financed, partly supported by the A.H.Schultz Foundation. Awarded PhD 1993.
- 19. Mike Jurke:** *Behavioural and endocrinological aspects of pregnancy and maternal behaviour in Goeldi's monkey (Callimico goeldii).* Supported by the Swiss National Science Foundation. (Jointly supervised with Dr. C.Pryce) Awarded PhD 1994.

- 20. Caroline Nievergelt:** *Energetic aspects of reproduction in the common marmoset (Callithrix jacchus)*. Supported by the A.H.Schultz Foundation. Awarded PhD 1996.
- 21. Deborah Curtis:** *The mongoose lemur (Eulemur mongoz): A study in behaviour and ecology*. Supported by the A.H.Schultz Foundation and other bodies. Awarded PhD 1997.
- 22. Andrea Dettling:** *Long-term study of physical physiological and behavioural development, of Goeldi's monkey (Callimico goeldii): causes and consequences*. Supported by the National Science Foundation of Switzerland. (Jointly supervised with Dr. C.Pryce) Awarded PhD 1997.
- 23. Nina I. Bahr:** *Hormonal correlates of inadequate maternal behaviour in gorillas*. Supported by the A.H.Schultz Foundation. (Jointly supervised with Dr. C.Pryce) Awarded PhD 1998.
- 24. Anton Weingrill:** *Male reproductive strategies of mountain chacma baboons (Papio cynocephalus ursinus)*. (Jointly supervised with Prof. P.Henzi and Prof. H.Kummer) Awarded PhD 1998.
- 25. Thomas Mutschler:** *The Alaotran gentle lemur (Hapalemur griseus alaotrensis): A study in behavioral ecology*. Supported by the Jersey Wildlife Preservation Trust, A.H.Schultz Foundation and the Janggen-Pöhn Trust. (Jointly supervised with Dr. A.Feistner) Awarded PhD 1998.
- 26. Franziska von Segesser:** *Conservation genetics of Barbary macaques (Macaca sylvanus)*. Supported by the National Science Foundation of Switzerland. Awarded PhD 1999.
- 27. Alexandra Müller:** *The social organization of the fat-tailed dwarf lemur, Cheirogaleus medius (Lemuriformes; Primates)*. PhD thesis, University of Zürich. Supported by the A.H.Schultz Foundation. Awarded PhD 1999.
- 28. Marcia Ponce de León:** *Neanderthal ontogeny: A geometric analysis of cranial growth*. Supported by the National Science Foundation of Switzerland. Awarded PhD 2000.
- 29. Krisztina Vàsàrhelyi:** *Genetic variation and its correlates in the captive population of Goeldi's monkey (Callimico goeldii)*. Supported by the A.H.Schultz Foundation. Awarded PhD 2000.
- 30. Jennifer Pastorini:** *Molecular systematics of lemurs*. Supported by the A.H.Schultz Foundation and the Julius Klaus Foundation. Awarded PhD 2000.
- 31. Christophe Soligo:** *Adaptation and ecology of the earliest primates*. Supported by the A.H.Schultz Foundation and the Janggen-Pöhn Trust. (Jointly supervised with Dr. P.Andrews). Awarded PhD 2001.
- 32. Lara Modolo:** *Population genetics of Barbary macaques (Macaca sylvanus)*. Supported by the A.H.Schultz Foundation and the Julius Klaus Foundation. Awarded PhD 2005.
- 33. Edna Davion:** *Why do nocturnal primates have cones?* Supported by The Field Museum, Chicago.
- 34. Lu Yao:** *A re-examination of island dwarfism in relation to brain size*. Supported by an NSF graduate fellowship.

ADDITIONAL EXPERIENCE:

Co-organiser of the International Conference on *Prosimian Biology* at the Institute of Archaeology in London, 1972.

Administration of the Wellcome Laboratories of Comparative Physiology, Zoological Society of London, 1974-1978.

Co-organiser of Summer Schools on Conservation Biology at Jersey Wildlife Preservation Trust:

1980: Primate Biology & Conservation

1981: Primate Biology & Conservation

1982: Breeding & Conservation of Endangered Species

1985: Breeding & Conservation of Endangered Mammals

Acting Head of Department, Department of Anthropology, University College London, 1981-1982.

Convenor of the 1st Schultz-Biegert Symposium on *New Quantitative Approaches to Anthropology and Primatology* at Kartause-Ittingen, Switzerland, 1989.

Convenor (with Dr. A.F.Dixson and Dr. E.J.Wickings) of the 2nd Schultz-Biegert Symposium on *Paternity in Primates: Genetic Tests and Theories* at Kartause-Ittingen, Switzerland, 1991.

Co-Convenor (with Dr. C.R.Pryce and Dr. D.Skuse) of the 3rd Schultz-Biegert Symposium on *Motherhood in Human and Nonhuman Primates. Biological and Social Determinants* at Kartause-Ittingen, Switzerland, 1994.

Convenor of the Centenary Congress of the Anthropological Institute and Museum in Zürich (1899-1999): *Primatology and Anthropology into the Third Millennium* at the University of Zürich, Switzerland, 1999.

Organiser of the travelling exhibition *The Human Story (Die Geschichte der Menschheit/L'Aventure Humaine)*, produced by the Commonwealth Institute London and sponsored by IBM, at the University of Zürich, 1990.

Co-organiser with the Leakey Foundation of *A Centennial Tribute to Louis Leakey* at The Field Museum, Chicago, 2003.

Completely fluent in spoken and written French and German. Have lectured and published in both languages. Working knowledge of Brazilian Portuguese.