

ZSL 2000

The Zoological Society of London Annual Report



The Zoological Society of London
Registered Charity 208728

Annual Report 2000
Part 2

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The Zoological Society of London

(Registered charity no. 208728)

Patron: Her Majesty The Queen

Principal address Regent's Park, London NW1 4RY

Also at: Whipsnade Wild Animal Park,
Dunstable, Bedfordshire LU6 2LF

ZSL is established by Royal Charter, and governed by By-laws and Regulations. The ruling body is Council. Members of Council, who include the Officers of the Society (the President, the Treasurer and the Secretary), are listed opposite. Council Members (the Trustees) are elected by the membership by postal ballot. Council has the power to co-opt.

Associated Charity:

The Zoological Society of London Development Trust
(reg. no. 293255)

Non-trading holding company:

Zoo Operations Ltd (reg. no. 2226414)

Wholly-owned subsidiary trading companies:

Zoo Enterprises Ltd (reg. no. 1178687)
ZSL (Web of Life) Ltd (reg. no. 3738937)
Zoo Restaurants Ltd (reg. no. 570005)
Whipsnade Wild Animal Park Ltd
(reg. no. 990860)

Bankers: Royal Bank of Scotland,
London Drummonds Branch, 49 Charing Cross,
London SW1A 2DX

Auditors: Ernst & Young,
Becket House, 1 Lambeth Palace Road,
London SE1 7EU

Investment Advisers: Henderson Investors,
3 Finsbury Avenue,
London EC2M 2PA

The objectives of the Society under the Charter are: 'the advancement of zoology by, amongst other things, the conducting of scientific research, the promoting of conservation of biological diversity and the welfare of animals, the care for and breeding of endangered and other species, the fostering of public interest, the improvement and dissemination of zoological knowledge and participation in conservation worldwide.'

Details of the policies and activities of ZSL in furtherance of these objectives are detailed in Part 1 of this Report. There was no change in the objectives or policies during 2000.

The Annual Report was approved by Council on 3 April 2001.

Part 2 edited by Linda DaVolls

Honorary Fellows

Date of election

- 1977 HRH The Prince Philip, Duke of Edinburgh, KG, KT
- 1991 HM The Emperor Akihito of Japan
- 1975 Professor Jean Anthony
Museum National d'Histoire Naturelle, 55 rue de Buffon, Paris 53, France
- 1975 Professor Jean Dorst
Museum National d'Histoire Naturelle (Mammifères et Oiseaux), 55 rue de Buffon, Paris 53, France
- 1984 Professor Ernst Mayr
Museum of Comparative Zoology, Harvard University, Cambridge, MA 02138-2902, USA
- 1988 Professor Dr Milton Thaigo de Mello
Instituto de Ciencias Biologicas, Universidad de Brasilia, Brasilia, DF70 910, Brazil
- 1990 Professor Knut Schmidt-Nielsen
Department of Zoology, Duke University, Durham, North Carolina 27708-0325, USA
- 1992 Professor Edward O. Wilson
Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts 02138-2902, USA
- 1996 Professor John Maynard Smith
School of Biological Sciences, University of Sussex, Falmer, Brighton BN1 9QG
- 1997 The Hon. Miriam Rothschild
Ashton Wold, Peterborough PE8 5LZ
- 1998 Sir David Attenborough
Richmond, Surrey
- 1999 Sir Robert May
Head, UK Office of Science and Technology

Council

President

- 6/7 Sir Martin Holdgate, CB, MA, PhD, DSc (h.c.), CBiol, FIBiol

Secretary

- 6/7 Professor Paul H. Harvey, BA, MA, DPhil, DSc, FRS

Treasurer

- 7/7 Harry Wilkinson, OBE, MA, FCA

- 1/1 Sheila Anderson, BSc (co-opted 12 December 2000)

- 7/7 John Barrington-Johnson

- 7/7 Brian Bertram, MA, PhD, CBiol, FIBiol

- 5/7 Jonathan Boyce, DM, MA, MSc, MRCP, FFPHM

- 2/3 David Case*

- 3/3 Stephen Cobb, BA, DPhil*

- 3/3 John Edwards, MA, FLS*

- 4/4 Roger Ewbank, OBE, MVSc, MRCVS, FIBiol†

- 6/7 Tony Fincham, BSc, PhD

- 5/7 Professor Mike Hassell, DPhil, DSc, FRS

- 4/4 Martin Jiggins, FRICS, FSVA, FRSA†

- 5/7 Nancy Lane, OBE, DPhil, ScD, CBiol, FIBiol, *Vice President*

- 2/4 Ken Livingstone MP (resigned 15 June 2000)

- 7/7 Sophie McCormick, MA, PhD, CBiol, FIBiol

- 5/7 Professor Paul Racey, MA, PhD, DSc, FRSE, CBiol, FIBiol

- 4/7 Professor Jeremy Rayner, BA, MA, PhD

- 1/4 Neville Reyner, BSc, MBA, CEng, FIEE, FIMgt

- 4/4 Martin Rowson, MA†

- 2/3 Philip Sapsford, QC*

- 7/7 Ken Sims, *Vice President*

- 2/4 Ted Smith, BSc, CBiol, FIBiol†

- 4/7 Peter Stevens, BSc, MIBiol

- 3/4 Jane Thornback, BSc, MSc†

- 5/7 Professor Roger Wheeler, OBE, CBiol, FIBiol, FRSA, FRSGS, FRZSS, FRSE

- 7/7 Robert Wingate

Attendance: actual/potential

† To 13 June 2000

* From 13 June 2000

Committees & Boards 2000

Committees & Boards of Council

Finance & General Purposes Committee

Terms of Reference: To monitor the financial management of the Society and act as an audit committee; and to preview and prepare papers for Council requiring policy or capital investment decisions.

Sir Martin Holdgate, CB, MA, PhD, CBiol, FIBiol, FRSA, FRGS, *Chairman*
Tony Fincham, BSc, PhD
Professor Paul H. Harvey, BA, MA, DPhil, DSc, FRS
Nancy Lane, OBE, DPhil, ScD, CBiol, FIBiol
Martin Rowson, MA
Ken Sims
Harry Wilkinson, OBE, MA, FCA

Conservation & Science Advisory Committee

Terms of Reference: To provide strategic vision, objectives and advice to Council and ZSL staff on conservation and science issues and activities; to monitor all the conservation and science activities of the Society, ensuring that they are implemented to the highest professional standards.

Professor Paul Racey, MA, PhD, DSc, FRSE, CBiol, FIBiol, *Chairman*
Professor Paul H. Harvey, BA, MA, DPhil, DSc, FRS
David Chivers, PhD
Lee Durrell, PhD
Tony Fincham, BSc, PhD
Bryan Grenfell, PhD
Robin Pellew, PhD
Professor Ian Swingland, PhD, DSc, CBiol, FIBiol, FRSA, FRGS
Jane Thornback, BSc, MSc

Education & Information Advisory Committee

Terms of Reference: To provide strategic vision, objectives and advice to Council and ZSL staff on education issues and projects; to monitor the education and information activities of the Society, ensuring that they are implemented to the highest professional standards.

Sophie McCormick, MA, PhD, CBiol, FIBiol *Chairman*
Geraldine Baker, BSc
John Barker
Giles Clarke, PhD
Kate Harris, BA
Roger James
Vicki Pite
Professor Jeremy Rayner, BA, MA, PhD

Animal Welfare Committee

Terms of Reference: To advise Council on matters relating to animal welfare in the Collection, at both London Zoo and Whipsnade Wild Animal Park, at the Institute of Zoology and in the work of Field Conservation & Consultancy.

Professor Patrick Bateson, PhD, ScD, FRS, *Chairman*
Tony Sainsbury, BVetMed, CertLAS, CertZooMed, MRCVS, *Secretary*
Brian Bertram, MA, PhD, CBiol, FIBiol
Lynda Birke, MPhil, DPhil
Andrew Higgins, BVetMed, MSc, PhD, CBiol, FIBiol, MRCVS
Arthur Lindley, MA, DPhil
Georgia Mason, PhD
David Pritchard, BVetMed, BSc, MPH, MRCVS
Christopher Sherwin, BSc, PhD
Robert Wingate

Ethics Committee

Terms of Reference: To advise the Director of Science on welfare and ethical aspects of all scientific studies involving interventions with animals carried out by ZSL staff, or by other workers on ZSL premises or on ZSL animals.

Edmund Flach, MA VetMB, *Chairman*
Carol Williams, BTEC, HNC, *Secretary*
Alison Moore, PhD, *Home Office Liaison*
Andrew Higgins, BVetMed, MSc, PhD, CBiol, FIBiol, MRCVS
Roger Ewbank, OBE, MVSc, CBiol, FIBiol, MRCVS
Paul Pearce-Kelly
Ex officio:
Georgina Mace, OBE, DPhil
Juliet Clutton-Brock, PhD, DSc

Awards Committee

Terms of Reference: Council presents the following awards for contributions to zoology: The Prince Philip Prize, Thomas Henry Huxley Award, Stamford Raffles Award, Silver Medal, Scientific Medal, ZSL Frink Medal for British Zoologists and ZSL Marsh Award for Conservation Biology. The Committee advises Council on all matters relating to these awards.

Professor Michael P. Hassell, DPhil, DSc, FRS, *Chairman*
Geraldine Baker, BSc
Professor Geoffrey A. Boxshall, PhD, FRS
Professor Malcolm Burrows, ScD, FRS
Professor Thomas Cavalier-Smith, PhD, FRS
Dr Bryan T. Grenfell, DPhil
Professor Linda Partridge, DPhil, FRS
Professor Sir John R. Krebs, FRS
Professor John G. Shepherd, PhD, FRS
Professor William J. Sutherland, PhD

Institute of Zoology Committee

Terms of Reference: To advise the Society and the University of London under the terms of the Agreement between them; to consider and make recommendations on all matters relating to the Institute of Zoology.

Professor Lance Lanyon, BVSc, PhD, DSc, MRCVS,
Chairman
Professor Clive Catchpole, PhD
Professor Alan Hildrew, PhD
Professor Colin Howard, PhD, DSc, MRCPATH, CBiol, FIBiol
Professor Linda Partridge, DPhil, FRS
Robin Pellew, PhD

Ex officio:

University of London
Vice-chancellor
Principal
Chairman of Convocation
Zoological Society of London:
President
Secretary
Treasurer
Director of Science

London Zoo Board

Terms of Reference: To provide specialist advice on the objectives of London Zoo and on specific aspects of its management; to approve the annual business and financial plan and recommend it to Council; to approve any in-year variances to the plan; to review and approve any capital developments.

Ken Sims, *Chairman*
Michael Daubney
Stephen Harrison
Jim Humphris
Martin Jiggins, FRICS, FSVA, FRSA
Peter Stevens, BSc, MIBiol
Jonathan Swire
Director General, Michael Dixon, BSc, ARCS, DPhil
Director, London Zoo: Jo Gipps, OBE, PhD
Director of Personnel: Ian Meyrick, BA, FCIPD
Director of Finance: Norman Reed, BSc, FCA

Whipsnade Wild Animal Park

Terms of Reference: To provide specialist advice on the objectives of Whipsnade Wild Animal Park and on specific aspects of its management; to approve the annual business and financial plan and recommend it to Council; to approve any proposed in-year variances to the plan; to review and approve any capital developments.

Professor Roger Wheeler, OBE, CBiol, FIBiol, FRSGS, FRSA, FRSE, *Chairman*
Professor Simon Bearder
Ken Lewis, OBE
Neville Reyner, BSc, MBA, CEng FIEE, FIMgt
John Edwards, MA, FLS
Director General: Michael Dixon, BSc, ARCS, DPhil
Director, Whipsnade Wild Animal Park: Stuart Earley, MInstD, FInstM, FInstSMM

Director of Personnel: Ian Meyrick, BA, FCIPD
Director of Finance: Norman Reed, BSc, FCA

Advisory/Editorial Boards for ZSL Publications

Animal Conservation

Editors: Michael W Bruford, PhD
John L Gittleman, DPhil
Georgina M Mace, OBE, DPhil
Robert K Wayne, PhD
Book Review Editor: Peter Cotgreave, DPhil
Advisory Board: Professor Jared Diamond, PhD
Professor Stuart Pimm, PhD
Professor Stephen Stearns, PhD

Animal Conservation also has an Editorial Board

International Zoo Yearbook

Editors: Peter J. S. Olney, BSc, DipEd, CBiol, FIBiol, FLS
Fiona A. Fiskens, BSc
Assistant Editor: Helen F. Stanley, BSc, PhD
Editorial Board: Jeremy J. C. Mallinson, OBE, CBiol, FIBiol, FRGS, *Chairman*
Koen Brouwer, Drs
Christopher Helm, BA
Nick L. Jackson, MBE
Professor Janet Kear, OBE, PhD
Georgina Mace, OBE, DPhil
Professor Gordon McGregor Reid, PhD, CBiol, FIBiol
Miranda Stevenson, MBA, PhD
Professor David R. Waugh, PhD

Journal of Zoology

Managing Editor: Dr Juliet Clutton-Brock, PhD, DSc
Editors: Professor Ian Boyd, PhD, DSc
Professor Tim Halliday, MA, DPhil
Professor Philip Rainbow, PhD, DSc

Journal of Zoology also has an Editorial Board

Library Advisory Group

Peter Olney, BSc, DipEd, CBiol, FIBiol, FLS, *Chairman*
John Edwards, MA, FLS
Beryl Leigh, PhD
Joan Thorne
Amanda Pickard, PhD

Staff

As at 31 December 2000

Directors

Director General: Michael Dixon, BSc, ARCS, DPhil
Director of Science: Professor Georgina Mace OBE, DPhil
Director, London Zoo: Jo Gipps, OBE, PhD
Director, Whipsnade Wild Animal Park: Stuart Earley, MInstD, MInstM, FInstSMM
Director of Finance: Norman Reed, BSc, FCA
Director of Personnel: Ian Meyrick, BA, FCIPD

CENTRAL FUNCTIONS

Secretary/PA to Director General: Diane Bratby, BSc

Personnel

Director of Personnel: Ian Meyrick, BA, FCIPD
Senior Personnel Officer: Marcia Latty, GradCIPD
Secretary/Personnel Administrator: Kalleen Egan
Pensions Administrator: Peter Carey (p/t)

Health and Safety

Security & Safety Manager: Brian Nutkins
Secretary: Brenda Tonks
Consulting Medical Referee: Kenneth Lewis, MA, BM, BCh
First Aid Attendant: Grace Reay
Weekend First Aid Attendant: Lee Stevenson

Switchboard/Reception

Senior Receptionist: Marcia Clarke
Receptionists/Telephonists: David Hitchcock (p/t); Joanne Kent (p/t); Gwen Manning (p/t); Veronica Powell; Melody Goldman (p/t)

Finance

Director of Finance: Norman Reed, BSc, FCA
Secretary: Susan Morgan
Financial Controller: Keith Hayward, FCCA
Financial Accountant: Joan Jupp
Management Accountant: Charles Biggie
Project Accountant: Martin Dowling, BSc
Cash Book Keeper: Gill Lewin (p/t)
Chief Cashier: Dave Lack
Cashiers: Les Oxley; Joe Piggott; Alison Coutts
Purchase and Sales Ledger Supervisor: Lynette Archer-Morgan

Membership Department

ZSL Membership Schemes Manager: Marion Hoyland
Lifewatch & Adoptions Schemes Manager: Sarah Leggett
Membership & Adoptions Manager (WWAP): Paula Stoughton
Lifewatch & Adoptions Administrators: Jason Diplock, BSc; Helen Savvides
Membership Assistant (WWAP): Andrea Smith, BSc (p/t)

Fundraising

Fundraising Consultant: Peter Emery (p/t)
Fundraising Administrator: Paula Maycock

Information Technology

IT Manager: Rob Jinman
IT Support Assistants: Sean McBirnie; Matthew Longley; Gianni Gasparini

Library

Librarian: Ann Sylph, BSc, MSc, MInfSc
Assistant Librarian: Michael Palmer, BA, MA
Library Assistant: Marie Monaghan, BA

Press & PR Office

Senior Public Relations Officer: Debbie Curtis, BSc
Public Relations Officer: Peter Beatty, BSc
Assistant Public Relations Officer: Joe Laing, BA

PUBLICATIONS

ZSL Scientific Books (International Zoo Yearbook, Conservation Biology and Symposia series, Science for Conservation)

Editors: Peter Olney, BSc, DipEd, CBiol, FIBiol, FLS; Fiona Fiskien, BSc
Assistant Editor: Helen Stanley, PhD, BSc
Sales Administrator: Mychael Barratt (p/t)

Journal of Zoology

Managing Editor (Journal of Zoology): Juliet Clutton-Brock, PhD, DSc

Editors: Ian Boyd, PhD, DSc; Tim Halliday, MA, DPhil; Philip Rainbow, PhD, DSc

Assistant Editor: Linda DaVolls, BA

Editorial Assistant: Patricia Manly

Scientific Meetings Co-ordinator: Deborah Body, BSc, MSc

Animal Conservation

Editors: Georgina Mace, OBE, DPhil; Michael Bruford, PhD; John Gittleman, DPhil; Robert Wayne, PhD

FIELD CONSERVATION & CONSULTANCY

Director: Vacant

Secretary: Jane Loveless

Project Manager: Claire Belsham, BSc

Project Seahorse Administrator: Alice Courage

21st Century Tiger Administrator: Sam Knowles

Project Account: Clive Giles, BCom, BCOMPT

Overseas Staff

Adam Britt, PhD; Jacques Flamand, BSc, BA, VetMB, MRCVS; John Grainger, PhD; Suresh Job; Richard Kock, BA, VetMB, MRCVS; Jessica Meeuwig; Kathryn Monk, PhD; Saeed Mubarak, VetMB; Iyad Nader, PhD; Zelealem Ashenafi Tefera, MSc; Tim Wachter, PhD; Bruce Winney, PhD, Melita Samoily, PhD

LONDON ZOO

Director: Jo Gipps, OBE, PhD

Secretary/PA to Director: Gillian Oliver, BA

Animal Management

ZSL Senior Curator: Nick Lindsay, BSc, CBiol, MIBiol

Secretary: Joanne Kingston

Conservation Programmes Co-ordinator: Sarah Christie, BSc

Registrar: Elspeth Chaplin

Zoo Manager: Bill James

Curator of Invertebrates: Paul Pearce-Kelly

Curator of Lower Vertebrates: Heather Hall, PhD
Curator of Birds: John Ellis

Head Keepers: Gerald Asher; Mick Carman; Ray Charter; Dave Clarke; Brian Harman; Paul Harrington; Fred Smith; Linda Walker; Esther Wenman, BA; Frank Wheeler; Brian Zimmerman, BA

Senior Keepers: Alan Alder; Vanessa Asher; Nichola Burnett, BSc; Mike Clark; Matthew Fagg; Amanda Ferguson, BSc; Malcolm Fitzpatrick; Matthew Hennessy; Andy James; Patsy Joseph; Paul Kybett; Margaret Lamb; Tracey Lee; Keith Lloyd; Andrea McKenna; Simon Mannall; Terry March; Jeff Nicklin; Jacqueline Ossowski, BSc; John Pullen; Dave Robinson; Jim Robson; Mike Tiley; Caroline Waddell, BSc; Chris Wickenden; Sarah Young; Steve Young; Craig Walker; Steve Whitelock

Qualified Keepers: Paul Atkin; Margaret Baukham; Tony Cholerton; Rachel Jones, MSc; Karen Nolan, BSc; Lawrence Raybone; Newton Pellatt, BSc; Teague Stubbington, BSc

Trainee Keepers: Nigel Court, BA; Anna Humberstone, BSc; Lyndsey Marsh, BSc; Nicola McKay; Jo Pratt, BSc; Jenny Sprent, BSc; George Sunter, BSc; Marie Whatmaugh, BSc; Marti Everett

Marketing

Marketing Manager: Caroline Masters, BA
Secretary: Becky Ann Chick
Group & Conference Sales Executive: Katherine Duffin, (from 05.02.01)
Promotions Executive: Jill Ratcliffe, BSc
Marketing Administrator: Zoe Greenwood

Visitor Information & Education

Head of Visitor Information & Education: Claire Robinson, BEd
Secretary: vacant
Education Officers: Catherine Tamplin, BSc, PGCE; Helen Sharman, BSc, PGCE
Education Officer (Interpretation): Clare Kelly, BSc
Volunteer Co-ordinator: vacant
School Visits Co-ordinator: Rebecca Westerland, LLB
Graphics Co-ordinator/Print & Stationery Buyer: Adrian Taylor
Craftsman: David Boys (p/t) MA (RCA)

Site & Services

Site & Services Manager: Graham Roden
Secretary: Dot Price
Maintenance Supervisor: Colin Rolfe
Contracts Supervisor: John Fitzgerald
Supplies Buyer: Chris Major
Electrical Foreman: Robin Fitzgerald
Electrician/AV: Peter Smith
Trainee Electrician: Garry West
Carpenters: Stan Bonsey; Lee Ridsdale
Semi-skilled Craftsmen: Jim Baker; John Pearce
Painters: Paul Anscombe (p/t); Bill Manly

Plumbers: Martin Foster; Steven Roberts
Wireworker: Tony Connolly, Dave Field
Fitter: John Froud
Head Gardener: Martin Pett, MIHort
Gardens Foreman: Noel Heaphy
Gardeners: Ian Ament; Rodney Lynch; George Manly; Jacqueline Smith; Graham Southard; Peter Tsirtou
Animal Food Stores Chargehand: Bob Ashmore
Animal Food Stores Assistant: Thomas Pattison
Animal Food Stores Butcher/Storeman: Ron Harrison
Maintenance Storeman: Alex James
Grounds and Transport Supervisor: Peter Walker-Croft
Grounds and Transport Foreman: Jamie Turner
Groundstaff: Beatrice Ampong; Graham Bukovics; Sharon Crawford; Colin George; Gerry Houlder; Colin Jeans; Renuka Lutchman; Alice Sarpong; Anna Thornburrow; Odit Tiwari, Kevin Smith
Security Gatekeepers: Melvin Brockwell; Paul Brown; George Scofield

Visitor Services

Head of Visitor Services: Yvonne Ubels
Purchasing and Administration Manager: Jayne Powell
Visitor Sales Manager: Alex Coppin
Office Administrator: Elizabeth Allard
Administrator: vacant
Supervisors: Suzanne Cole; Gary Constantine; Bob McLaughlin; Evon Nicholas; Chivanan Ramdass
Warehouse Supervisor: Neil Foot
Sales/Warehouse Assistant: Michael Connolly
Visitor Services Assistants: Mohammed Bencheikh (p/t); Margaret Brown; Patricia Delius; Fozan Mirza; Patience Djima; Mandy Jones (p/t); Bala Patel (p/t) Christopher Powell; Doris Asiedu (p/t); Kelly Weyman

Events

Events Manager: Roger Tomlinson
Senior Presenter: Andy Hallsworth
Presenters: Rob Goodchild; Mark Habben, BSc; James Mackie

INSTITUTE OF ZOOLOGY

Director: Georgina M. Mace, OBE, DPhil
Institute Administrator: Christina Herterich, LLM, ACIS
Conservation Genetics (Acting Head): William Jordan, PhD
Ecology: Richard Pettifor, DPhil
Reproductive Biology: William V. Holt, PhD
Veterinary Science: Anthony W. Sainsbury, BVetMed, CertLAS, CertZooMed, MRCVS

Administrative and Support Staff

Assistant Institute Administrator: Philip G. Cottingham, BTec (CED), MIScT
PA to Director of Science: Joanne Keogh
Administrative Assistant: Katrine Garn, MSc
Secretaries: Anna-Marie Cummins; Catherine Kerr

Honorary Research Fellows

Sarah Cleaveland, VetMB, PhD; Peter Daszak, PhD; George H. DuBoulay, CBE, MB, BSM, FRCP, DMRD; Julie Garnier, DVM; Heather Hall, PhD; Mark Jordan, PhD; Peter Kertesz,

BDS, LDS; Professor James K. Kirkwood, BVSc, PhD, MRCVS; Mark O'Connell, PhD; Amanda Vincent, PhD; Professor Paul F. Watson, BSc, PhD, BVetMed, DSc, MRCVS; Stuart Williams, PhD; Bruce Winney, PhD

Postdoctoral Staff and Veterinary Officers

Peter M. Bennett, PhD; Andrew F. Bourke, PhD; Christopher Carbone, DPhil; Guy Cowlshaw, PhD; Andrew A. Cunningham, BVMS, MRCVS; Sarah M. Durant, PhD; Alireza Fazeli, PhD; Edmund Flach, MA, VetMB, MSc, CertZooMed, MRCVS; Stephan Funk, PhD; Rob Hammond, PhD; Louisa Jenkin, PhD; Paul Jepson, BVMS, MRCVS; Alison Moore, PhD; Christine Müller, PhD; Amanda Pickard, PhD; Andrew Routh, BVSc, CertZooMed, MRCVS; Marcus Rowcliffe, PhD; Taina Strike, BVSc, MSc, MRCVS; Stuart Semple, PhD

Technicians and Support Staff

Chief Technician: David Cheesman, BTec, HNC

Chief Technician (Animals): Carol Williams, BTEC, HNC

Senior Technicians: Dada Gotelli, BSc; Daphne I. Green, HNC, AIScT

Senior Pathology Technician: Tracy Howard, BSc

Senior Technician (Animals): Andrew G. Hartley, BAgricSc

Animal Technicians: Mandy Gordon, IIAT; Jake Rozowski

Senior Workshop Technician: Selwyn Mundy

Senior Photographic Technician: Terry R. Dennett, MinstPl

Microbiology Technician: Shaheed Macgregor, HTec, MSc, FIBMF

Technician: Elisabeth Thornton, BSc

General Laboratory Assistant: Breda Farrell

Research Assistants: Rob Deaville, BSc; Robert Hutchinson, MSc

Senior Veterinary Nurse: Gillian Ahearne VN

Veterinary Nurses: Gillian Bell, BSc, VN; Christine Dean, VN; Joanne Dodds, VN

Temporary Veterinary Nurse: Iona Furrokh, BSc, VN

Postgraduate Research Students

Johnathan Baillie, MES; Daisy Balogh, MRes; Jacob Bro-Jorgensen, MSc; Angus Carpenter, MSc; Rosella Chapman, MSc; Dave Cope, BSc; Juliet Dukes, MSc; Jim Groombridge, BSc; Katherine Little, MRes; Tom Maddox, BSc; Sue O'Brien, MPhil; Susy Paisley, BSc; Octavio Paulo, BSc; Russell Seymour, MSc; Lisa Thurston, BSc; Saffron Townsend, BSc

WHIPSNADDE WILD ANIMAL PARK

Director: Stuart Earley, FInstD, FInstM, FInstSMM

PA/Office Manager: Dawn Sharpstone

Finance and Information Technology

Financial Controller: Roman Bodnarec, MIDM

Senior Accounts Clerk: Carol Davies

Assistant Accounts Clerk: Gillian Smallpiece

Senior Cashier: Joan Lee

Accounts/Cashier's Assistants: Sylvia Black

Stores: Tony Latham

Operations

Operations Manager: Linda Hughes GradCIPD

Operations Secretary: Suzanne Beaumont

Volunteer Co-ordinator/Outreach: Graham Lucas

Railway Co-ordinator: Graham Tyler

Supervisor, Railway: Mick Dickens

Park Services Co-ordinator: Mick Shillingford

Supervisor, Park Services: John Bradley

Groundsmen: Richard Chalkley; David Hawkins

Gardens Chargehand: Rob Scanlan

Gardener: Bob Vulling

Projects and Contracts

Projects and Contracts Manager: Ian Gordon

Administrator: Sharon Boy

Chargehand: Dave Law

Craftsmen: Jim Harrold; David Jones; Shaun Smith; Michael

Stoughton; Jim Whinnett

Retail and Main Gate

Retail and Gate Manager: Maureen White

Assistant Retail/Gate Supervisors: Yasmin Bates; Tessa Roch

Gatekeeper: Maria Scanlan

Catering

Banqueting Manager: David Barker

Deputy Managers: Zoe Fitzpatrick; Simon Kemp

Assistant Managers: Gemma Duffin; Amanda Feenan

Marketing & Development

Marketing & Development Manager: Miranda Kennett-Scott, BA, Msc, MDip, MCIM

Marketing Assistant: Andrea Smith, BSc (p/t)

Graphics Executive: Simon Hodge

PR Executive: Jo Barfoot

Membership

Membership & Adoptions Manager: Paula Stoughton

Membership Assistant: Andrea Smith, BSc (p/t)

Education

Education Officer: Claire Bidder, BSc

Animal Management

ZSL Senior Curator: Nick Lindsay, BSc, CBiol MIBiol

Assistant to Curator: Dena Richards

Regional Co-ordinators: Rob Hutton; Andy White; Cliff Tack

Animal Activities Co-ordinator: Les Radford

Deputy Co-ordinators: Clive Bates; Mark Best; Andy Reeve;

Lee Sambrook

Senior Keepers: John Baines; Roger Catchpole; Carole Day;

Donovan Glyn; Joy Lear; Melvin Lear; Alan Morris; Trevor

Moxey; Frank Smith; Marilyn Spittel; Ken Taylor; Craig

White; Pete Williams

Qualified Keepers: Rebecca Cooper; Phil Curzon; Sarah

Gollop; Jim Gregory, BSc; Mark Holden, BSc; Sian Lamb;

Rebecca Raymond; Cheryl Seymour; Sarah Taylor, BSc;

Veronica Watkins

Trainee Keepers: Kate Aslett; Mike Hayward; Deane

Kingham; Steve Patrick; Louisa Toner

Volunteers

As at 31 December 2000

Animal Management

Gary Bennyworth; Kate Bevins; Amanda Boyd; Dave Brick; Amanda Brown; Andy Brown; Jo Castle; Stacy Clayton; Celeste Coles; Alex Cooke; Samantha Earle; Jenny Fulford; David Gibson; Luisa Guerrio; Glyn Hennessey; Jenny Holden; Darren Jordan; Suzanne Hyde; Sylvie Liemer; Donald MacFarlane; Davide Malone; Phil Marshall; Emma Napper; Jacky Nicholes; Jacky Newman; Peter O'Neil; Russell Pethurst; Kate Siddick; Roger Stanley; Alan Whaley; Peter Whip

Education

Laurie Allen; Raj Amin; Hazel Amor; Hazel Anderson; Peter Arnold; Arfan Aziz; Alex Bacon; Pam Beanlands; Jill Beck; Graham Beeke; Shirley Biggs; Denise Blackwell; Sally Brough; Joan Browett; Kirsty Brown; Simon Brown; Benedict Burton; Katie Buxton; Lilah Cameron; Debbie Catt; Lei Chung Choy; Steph Claxton; John Clifford

Andrew Colman; Lorna Colquhoun; Mary Colwill; Caroline Conway; Glenys Crane; Daphne Cross; Ann Curtis; Geof Cutting; Gladys Davies; Phil Davies; Jenny Deco; Sian De Sousa; Mary De Zouche; George Fitt; Maureen Fitzsimons; Ann-Katrine Garn; Janet Gates; Celia Gaya; Trish Gibson; Angela Gilham; Valery Golding

Nevil Gorthy; Deanne Gow; Dot Gyngell; Daphne Hamilton; Ron Hart; Patricia Henley; Margaret Hinkley; James Holden; Susan Hyde; Gina James; Janice James; Jenny Jennings; Katharine Jezierski; Edward Jones; Bev Jordan; Natasha Lewis; Neale Lunn; Kate McDonald; Veronica McDougal; Steven McGarrity; Gary McGuire; Rhonda Maclean

Alan Madge; Hilary Marsh; Beryl May; Anna Mentzel; Betty Miller; Rachel Mills; H.A. Moore; Jackie Mutton; Mark Navin; Anne O'Brien; Prafulla Patel; Rosalind Pike; Jonathan Pollard; Pamela Portefield; Nargiz Price; Sharon Reeves; Stuart Reeves; Jean Reich; Renato Ruocco; Jackie Russell; Jo Smith; Julie Smith; Maurice Sobell; Ruth Sober

Susan Street; Mike Taylor; John Thompson; Mike Tigwell; M. Tracy; Ann Turner; Amelia Walker; Antony Walker; Janet Warner; Delene Welch; Jane Wheeler; Christine White; Jill Wilkinson; Michelle Wolfson; David Wooderson; Jonathan Wright

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Ailsa Edwards; Valery Golding; Royce Harris; Hilary Marsh; Maurice Sobell; Andre Verstraete

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Jean Anderson; Michael Atkins; Heather Bardner; Jill Bilcock; Jill Broad; John Brooker; Allison Brooks; Leile Brown; Carol Butler; Karen Chewter; Maureen Cook; Lee Crossman; Kathleen Eames; Kenneth Eames; Arthur Ellis; Pam Erwood; Elaine Fairey; Wendy Fitzgerald; Denis Garner; Maggie Garrett; Erica Godman; Evelyn Goodman

Nevil Gorthy; Jim Griffin; Norman Hancock; Pam Harry; Peter Hawkins; Pauline Hodgson; Dennis Jones; Miriam Martin; Barbara Maryan; Patricia Anne McBride; Stuart Minall; Patricia Mitchell; David Neave; Audrey Perrott; Ilid Putnam; Elizabeth Richmond; Rebecca Sandifer; Raye Sawyer; Karen Shaerf; Christine Sharpe; Ken Sharpe

Emma Sidders; Gill Smith; Walter Sinclair Smith; Doreen Snoxall; Mary Snoxall; G. R. Speed; Gerald Stevens; Lorna Taylor; Gillian Tomkins; Elizabeth Webb; Naomi White; Pat Wickens; Jenny Wynn; Jean Young; Jo Young; Hans van der Grinten; Christine Vanner

The Society warmly thanks all the volunteers who have done so much to help its work in 2000.

If you are interested in becoming a volunteer, please ask the Volunteer Co-ordinators at London Zoo or Whipsnade Wild Animal Park for further details.

Obituaries

We record with regret the deaths in 2000 of the following pensioners:

Mr W. Cutler; Mr G. Dumbleton; Mr A. W. Elborn; Mr V. A. Ghotti; Mrs E. McLaney; Mr T. S. Moore; Mr J. Murray; Mrs M. A. Noble; Mr G. A. G. Perkins; Mrs N. G. Ross; Mr N. W. Thornton; Mr Cyril Wheatley

We also record the death of Mr Ernest A. Billett, the last of the original keepers from Whipsnade, who died on 31 December 2000 aged 101.

Collaboration with zoological, conservation, research and other organizations

- Anglia Polytechnic
Animal Gene Storage Resource Centre of Australia
African Wildlife Foundation (Uganda)
Antwerp Zoo
Asian Conservation Awareness Programme (ACAP)
BBSRC Silsoe Research Institute
Bedfordshire Education Business Partnership
BirdLife International
Bombay Natural History Society (India)
Brigham Young University (USA)
Center for Environment, Fisheries & Aquaculture Science (Lowestoft-Burnham-on-Crouch)
Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) (France)
Chester Zoo
Chinese Academy of Science, Beijing (China)
Columbus Zoo
CSIRO Australian Animal Health Laboratory (Australia)
Department for International Development
Department of Agriculture and Rural Development for Northern Ireland (Veterinary Sciences Division)
Department of National Parks and Wildlife Conservation (Nepal)
Department of Wildlife (Ghana)
Desert Research Foundation of Namibia
Direction Generale de Forets (Tunisia)
Duke University (USA)
Durrell Wildlife Conservation Trust (Jersey)
Dulwich Hospital
Egyptian Environmental Affairs Agency
English Nature
Estación Experimental de Zonas Aridas, Consejo Superior de Investigaciones Científicas (Spain)
Ethiopian Wildlife Conservation Organization, and Regional Council of Amhara State
Fauna and Flora International
Fisheries Research Services (Aberdeen & Pitlochry)
Foundation for Nature Research (Norway)
FrogLife
Glaxo Wellcome
Global Tiger Patrol
Haribon Foundation for the Conservation of Natural Resources (The Philippines)
HM Customs
Hornocker Wildlife Institute
Institut für Zoo- und Wildtierforschung, Berlin (Germany)
Istituto Nazionale per la Fauna Selvatica (Italy)
Institute of Animal Health
Institute of Oceanography (Vietnam)
Institute of Zoo Biology and Wildlife Research (Berlin, Germany)
International Zoo Veterinary Group
Ishinomaki University (Japan)
IUCN Species Survival Commission
John G. Shedd Aquarium
Kadoorie Charitable Foundations
Kenya Wildlife Service
Kenyan Marine Fisheries Research Institute
King Khalid Wildlife Research Centre (Saudi Arabia)
King Mahendra Trust for Nature Conservation (Nepal)
King Mahendra Trust for Nature Conservation
KORA (Switzerland)
Laboratory of Genetic Diversity (Maryland, USA)
Leiden Museum (The Netherlands)
Leuser Development Programme (Sumatra, Indonesia)
Leverhulme Trust
MAFF Veterinary Laboratories Agency
Marwell Zoo
Mauritius Wildlife Foundation
McGill University (Canada)
Michigan State University (USA)
Minnesota Zoo (USA)
Moredun Research Institute (Edinburgh)
Moscow Zoo
Murcia University (Spain)
National Commission for Wildlife Conservation and Development (Saudi Arabia)
National Lottery Charities Board
National Museum of Scotland
National University of Ireland (Cork)
National Wildlife Health Center, Wisconsin (USA)
Natural Environment Research Council
Natural History Museum
People's Trust for Endangered Species
Pig Improvement Company
Pierre et Marie Curie University (France)
Poultry Diagnostic and Research Centre of the Venkateshwara Hatcheries Ltd. (India)
Prague Zoo
Princeton University (USA)
Queensland Department of the Environment and Heritage (Australia)

Queensland University (Australia)
 Rotterdam Zoo
 Royal Society for the Protection of Birds
 Save The Tiger Fund
 Sea Mammal Research Unit (Cambridge)
 Tebodin (Belgium)
 Thai Zoological Parks Organisation
 The Wildfowl and Wetlands Trust
 Tigris Foundation
 Uganda Wildlife Authority
 Universities Federation for Animal Welfare
 University of Bern (Switzerland)
 University of Bristol
 University of California at Davis (USA)
 University of Cambridge
 University of Cardiff
 University of Columbia (USA)
 University of Dundee
 University of East Anglia
 University of Edinburgh
 University of Georgia (USA)
 University of Hong Kong
 University of Kingston
 University of Lausanne (Switzerland)
 University of Leeds
 University of Leiden (The Netherlands)
 University of Lisbon (Portugal)
 University of Liverpool
 University of London, Imperial College
 University of London, King's College
 University of London, Queen Mary & Westfield College
 University of London, Royal Veterinary College
 University of London, University College
 University of Louisiana (USA)
 University of Luton
 University of Montpellier (France)
 University of New England (Australia??)
 University of Nottingham
 University of Oxford
 University of Paris (France)
 University of Regensburg (Germany)
 University of San Juan (Puerto Rico)
 University of Sheffield
 University of Stirling
 University of Stockholm (Sweden)
 University of Surrey (Roehampton)
 University of Sussex
 University of Vermont (USA)
 University of Wageningen (The Netherlands)
 University of Washington (USA)
 University of West of England
 University of York
 Western Plains Zoo (Australia)
 WildAid
 Wildfowl & Wetlands Trust
 WildInvest (FFI)
 Wildlife Conservation Society (USA)
 World Conservation Union (IUCN)
 World Wide Fund for Nature US
 World Wide Fund for Nature Hong Kong
 ZooDent International
 Zurich University (Switzerland)

Representation

21st Century Tiger: Sharon Ament (Chair, Fundraising); Sarah Christie, Nick Lindsay (Members, Steering Committee)

American Zoo Association (AZA) Marine Fish TAG and Freshwater Fish TAG: Heather Hall (Special Advisor)

Animal Health Information Specialists (UK & Ireland): Ann Sylph (Member)

Animal Reproduction Science: William Holt (Member, Editorial Board)

ASLIB Biosciences Group: Ann Sylph (Membership Secretary)

Association of Leading Visitor Attractions: Jo Gipps (Honorary Treasurer and Member of Council); Sharon Ament (Member, Marketing Committee)

Bedfordshire Chamber of Commerce, Training & Enterprise: Stuart Earley (Director and Vice-Chairman)

Behaviour: Guy Cowlshaw (Member, Editorial Board)

Behavioural Ecology: Andrew Bourke (Editor)

British Andrology Society: Alison Moore (Committee Member); Lisa Thurston (Committee Member, Student Representative)

British Association of Leisure Parks, Piers and Attractions: Stuart Earley (Member); Miranda Kennett-Scott (Member, Zoo Group)

British Veterinary Zoological Society: Edmund Flach (Council Member); Andrew Routh

British Wildlife Rehabilitation Council: Tony Sainsbury (Member, Steering Committee)

Business Link Services (Bedfordshire) Limited: Stuart Earley (Director)

Centre for Ecology & Evolution (University of London): Andrew Bourke; Georgina Mace; Marcus Rowcliffe (Members, Steering Committee)

Charity Archivists and Records Managers Group: Michael Palmer (Member)

Cheetah Conservation Fund: Sarah Durant (Member, International Scientific Advisory Board)

Department of the Environment, Transport & the Regions: Peter Bennett (Member, Cetaceans Strandings Steering Group)

Durrell Wildlife Conservation Trust: Georgina Mace (Council Member, Scientific Advisory Committee, Member)

European Association of Zoological Parks & Aquaria: London Zoo (Institutional Member); Sarah Christie (Co-ordinator, Tiger EEP, Asiatic Lion EEP and Amur leopard EEP; Member EEP Felid TAG); Dave Clarke (Member, Partula snail, EEP); Andrew Cunningham (Veterinary Adviser, EEP Penguin TAG); Heather Hall (Co-ordinator, Chinese Alligator EEP, Co-Chair, Fish & Aquatic Invertebrate TAG); Jo Gipps (Council Member and Chair, Conservation Committee); Nick Lindsay (Member,

Gruiformes & Deer TAGs, Chair, Rhino TAG; Co-ordinator, Nile Lechwe EEP; Member, White, Black & Indian Rhino EEP); Paul Pearce-Kelly (Co-Chairman, Terrestrial Invertebrate TAG; Co-ordinator, Partula snail EEP); Andy Reeve (Member, Falconiformes TAG); Cristiane Silveira (Antelope TAG); Esther Wenman (Co-ordinator, Chinese Alligator EEP and Kleinmann's Tortoise EEP); Frank Wheeler (Corresponding Member, EEP Marsupial TAG)

European Commission Working Group on Transmissible Agents: Andrew Cunningham (Member)

European Union of Aquarium Curators: Heather Hall (Member)

Exotic Pet Advisory Committee: Heather Hall (Member)

Fauna and Flora International, Conservation Committee: Paul Pearce-Kelly (Member)

Federation of Zoological Gardens of Great Britain and Ireland: London Zoo (Member); Whipsnade Wild Animal Park (Member); Sharon Ament (Chair, Marketing); Jo Gipps (Honorary Treasurer and Council Member); Claire Robinson (Education Committee Member); Claire Bidder (Vice-Chair, Education Committee)

Joint Management of Species Committee: Sarah Christie (Corresponding Member); Heather Hall (Member); Nick Lindsay (Member); Paul Pearce-Kelly (Member)

Taxon Advisory Groups: Clive Bates (Member, B & I Stork, Ibis & Spoonbill TAG); Dave Clarke (Member, B & I Terrestrial Invertebrate TAG; Chairman, Mollusc Sub-Group; Member, B & I Fish & Aquatic Invertebrate TAG); John Ellis (Member, Hornbill, Toucan & Touraco TAG, Member, Falconiforme, Parrot, Passerine TAGs); Amanda Ferguson (Member, B & I Owl TAG; Co-ordinator, White-faced scops and great grey owl studbook); Heather Hall (Chairman, B & I Reptile and Amphibian TAG; Chairman, Seahorse Conservation Group; Co-Chairman, B & I Fish & Aquatic Invertebrate TAG; Melvin Lear (Member, B & I Reptile TAG); Nick Lindsay (Chairman, B & I Rhino TAG; Co-Chairman, B & I Crane TAG; Member, B & I Bovid and Equid TAGs); Trevor Moxey (Member, B & I Terrestrial Invertebrate TAG); Paul Pearce-Kelly (Member, B & I Terrestrial Invertebrate TAG; Chairman, Orthoptera Sub-Group); John Pullen (Member, B & I Primate TAG); Les Radford (Member, B & I Marine Mammal TAG); Andy Reeve (Member, B & I Diurnal Raptor TAG); Esther Wenman (Member, B & I Reptile TAG); Frank Wheeler (Corresponding Member, B & I Small Carnivore TAG; Member, B & I Rodent and Lagomorph TAG); Brian Zimmerman (Member, B & I Fish & Aquatic Invertebrate TAG); Andy White (Member, B & I Penguin TAG)

Friends of Regent's Park: Jo Gipps (Committee Member)

Ghana Wildlife Department: Nick Lindsay (Adviser to Zoo Committee)

Great Bustard Group: Clive Bates

Hertfordshire Chamber of Commerce & Industry: Stuart Earley (Director and Vice-Chairman)

Insectes Sociaux: Andrew Bourke (Member, Editorial Board)

- Institute of Biology*: William Holt (ZSL representative)
- Institute of Fisheries Management London Branch Committee*: Heather Hall (Member)
- Institute of Horticulture*: Martin Pett (Committee Member, South-East Branch)
- International Association of Avian Trainers and Educators*: John Ellis; Andy Hallsworth; Roger Tomlinson (Members)
- International Marine Animal Trainers Association*: John Ellis (Member)
- International Species Information System*: Jo Gipps (Trustee)
- International Species Inventory System*: The Zoological Society of London (Corporate Member)
- International Zoo Educators*: Claire Robinson (Member); Claire Bidder (Member)
- IUCN - World Conservation Union (Species Survival Commission)*: Peter Bennett (Member, Conservation Breeding Specialist Group, and Reintroduction Specialist Group); Sarah Christie (Member, Cat and Conservation Breeding Specialist Groups); Andrew Cunningham (Member, Conservation Breeding Specialist Group, Pathology and Diseases Working Group, Veterinary Specialist Group, and Chair, Declining Amphibian Populations Task Force); Sarah Durant (Member, Cat Specialist Group); Edmund Flach (Member, Veterinary Specialist Group; Conservation Specialist Group); Jacques Flamand (Member, Antelope, and Veterinary Specialist Groups); Jo Gipps (Member, Steering Committee; Member, Conservation Breeding Specialist Groups); Richard Kock (Member, Veterinary Specialist Group); Nick Lindsay (Member, Reintroduction, and Insectivore Specialist Groups); Georgina Mace (Member, Steering Committee, Species Survival Commission; Member, Conservation Breeding and Reintroduction Specialist Groups and Member, Red List Committee); Peter Olney (International Studbook Co-ordinator, Conservation Breeding Specialist Group; Emeritus Member, Reintroduction Specialist Group); Paul Pearce-Kelly (Member, Mollusc, and Reintroduction Specialist Groups; Member, Invertebrate Conservation Task Force; Chairman, CBSG Invertebrate Working Group); Tony Sainsbury (Member, Veterinary Specialist Group, and Conservation Breeding Specialist Group)
- Journal of Reproduction and Fertility*: William Holt (Member, Editorial Board)
- Luton Economic & Development Council*: Stuart Earley (Member)
- Madagascar Fauna Group*: The Zoological Society of London (Corporate Member)
- Marwell Zoological Park*: Andrew Cunningham; Edmund Flach (Animal Health and Welfare Committee); Nick Lindsay (Member, Animal Management Committee)
- Natural Environment Research Council*: Georgina Mace (Member, Science and Technology Board)
- Nottingham Trent University*: Whipsnade Industrial Link
- Primate Society of Great Britain*: Guy Cowlshaw (Council Member)
- Professional Gardeners Guild*: Martin Pett (Member)
- Project Seahorse*: Heather Hall (Associate Director)
- Reef Conservation UK Committee*: Heather Hall (Member)
- Reproduction and Fertility, and Animal Reproduction Science*: William Holt (Member, Editorial Board)
- Royal Society for the Protection of Birds*: Georgina Mace (Council Member)
- Society for Conservation Biology*: Georgina Mace (Member, Board of Governors)
- Society for Low Temperature Biology*: William Holt (Committee Member)
- Society for the Study of Fertility*: Amanda Pickard (Committee Member)
- Television Trust for the Environment*: Jo Gipps (Trustee)
- UK Pig Reproduction Research Liaison Group*: William Holt (Committee Member)
- UK Overseas Conservation Forum*: Paul Pearce-Kelly (Member, Board)
- Universities Federation for Animal Welfare*: Norman Reed (Trustee)
- World Association of Wildlife Veterinarians*: Tony Sainsbury (President)
- World Zoo Organisation (WAZA)*: Jo Gipps (Member)
- Zoos Forum*: Heather Hall (Member)
- Zoo Outreach Organization, India*: The Zoological Society of London (Corporate member)

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ANIMALS IN THE COLLECTION

Key to columns for Mammals, Birds, Reptiles, Amphibians and Fishes:

- column 1 Number of animals in the Collection at 1st January 2000.
- column 2 Number of animals received in 2000 by presentation, exchange, purchase, or transfer between the Society's two Collections. The figures in brackets indicate animals which have been so transferred.
- column 3 Number of animals born or hatched during 2000.
- column 4 Number of animals which died in 2000 within 30 days of birth or hatching. The figures in brackets indicate animals born or hatched during December 1999 which died during January 2000. Stillbirths are not included.
- column 5 Number of animals which died during 2000, apart from those included in column 4.
- column 6 Number of animals disposed of in 2000 by presentation, exchange, deposit, sale or transfer between the Society's two Collections. The figures in brackets indicate animals which have been transferred between the two Collections.
- column 7 Number of animals in the Collection at 31st December 2000 showing sexes where these are known, e.g. 1/3/1 indicates 1 male, 3 female, 1 sex unknown.

Key

- G Genus new to the Collection
- S Species new to the Collection
- SS Sub-species new to the Collection
- RT Regionally threatened (species held in a breeding programme)
- ** Free-ranging animals at Whipsnade censused once a year

IUCN threatened species categories

Hilton-Taylor, C. (Compiler) (2000). 2000 IUCN Red List of Threatened Species. IUCN, Gland, Switzerland and Cambridge, UK

- EX Extinct
- EW Extinct in the Wild
- CR Critically Endangered
- EN Endangered
- VU Vulnerable

LONDON ZOO

MAMMALS

Dasyuromorphia

		1	2	3	4	5	6	7
<i>Dasyurus byrnei</i> (VU)	Byrne's Pouched Mouse (Kowari)	7	-	11	3	2	2	6/5
<i>Dactylopsila trivirgata</i>	Striped Possum	5	-	3	-	2	-	2/2/2
<i>Gymnobelideus leadbeateri</i> (EN)	Leadbeater's Possum	1	-	-	-	1	-	-

Diprotodontia

<i>Macropus rufogriseus fruticosa</i>	Red-necked (Bennett's) Wallaby	2	-	-	-	-	2	-
<i>Bettongia penicillata</i>	Brush-tailed Bettong	4	-	-	-	3	-	1/0

Macroscelidea

<i>Echinops telfairi</i>	Lesser Hedgehog-tenrec	-	2	-	-	-	-	1/1
<i>Macroscelides proboscideus</i> (VU)	Short-eared Elephant Shrew	13	-	28	8	2	13	10/8

Chiroptera

<i>Pteropus rodricensis</i> (CR)	Rodrigues Fruit Bat	27	-	14	5	2	7	14/13
<i>Carollia perspicillata</i>	Seba's Short-tailed Bat	~150	-	30	25	45	-	~110

Scandentia

<i>Tupaia minor</i>	Pygmy Tree Shrew	1	1	2	2	-	-	1/1
<i>Tupaia tana</i>	Large Tree Shrew	4	-	-	-	-	-	2/2

Primates

<i>Daubentonia madagascariensis</i> (EN)	Aye-aye	2	-	-	-	-	-	1/1
<i>Varecia variegata variegata</i> (EN)	Black-&-white Ruffed Lemur	1	-	-	-	-	-	0/1
<i>Varecia variegata rubra</i> (CR)	Red Ruffed Lemur	4	-	-	-	-	-	2/2
<i>Eulemur rubriventer</i> (VU) S	Red-bellied Lemur	-	2	-	-	-	-	1/1
<i>Cheirogaleus medius</i>	Fat-tailed Dwarf Lemur	2	1	-	-	1	-	1/1
<i>Haplemur griseus alaotrensis</i> (CR)	Alaotran Gentle Lemur	3	-	-	-	-	-	2/1
<i>Loris tardigradus</i> (VU)	Slender Loris	3	-	-	-	-	-	2/1
<i>Nycticebus coucang</i>	Slow Loris	4	1	-	-	1	1	2/1
<i>Nycticebus pygmaeus</i> (VU)	Pygmy Slow Loris	5	-	-	-	-	-	2/3
<i>Perodicticus potto</i>	Potto	4	-	2	-	-	1	3/1/1
<i>Galago senegalensis</i>	Senegal Bushbaby	5	2	2	1	-	2	3/2/1
<i>Aotus lemurinus griseimembra</i> (EN)	Grey-legged Douroucouli	3	-	1	-	-	-	3/1
<i>Pithecia pithecia</i>	White-faced Saki Monkey	5	-	-	-	-	-	3/2
<i>Ateles paniscus</i>	Red-faced Black Spider Monkey	4	-	-	-	-	-	2/2
<i>Callithrix jacchus</i>	Common Marmoset	7	-	2	1	-	-	4/3/1
<i>Callithrix geoffroyi</i> (VU)	Geoffroy's Marmoset	3	-	-	-	1	-	2/0
<i>Callithrix argentata argentata</i>	Silvery Marmoset	2	-	2	2	1	-	1/0
<i>Callithrix pygmaea</i>	Pygmy Marmoset	9	-	9	7	1	1	4/2/3
<i>Saguinus oedipus</i> (EN)	Cotton-headed Tamarin	4	-	-	-	-	-	2/2
<i>Saguinus imperator subgriseus</i>	Emperor Tamarin	7	-	8	6	1	3	3/1/1
<i>Leontopithecus rosalia</i> (CR)	Golden Lion Tamarin	11	1	-	-	1	3	6/2
<i>Leontopithecus chrysomelas</i> (EN)	Golden-headed Lion Tamarin	4	-	-	-	1	1	2/0
<i>Callimico goeldii</i> (VU)	Goeldi's Monkey	4	2	-	-	1	1	2/2
<i>Macaca nigra</i> (EN)	Sulawesi Crested Macaque	7	-	2	-	1	-	3/4/1
<i>Cercopithecus diana diana</i> (VU)	Diana Monkey	2	-	1	-	-	-	2/1
<i>Cercopithecus hamlyni</i>	Hamlyn's Owl-faced Monkey	3	-	-	-	-	-	1/2
<i>Semnopithecus entellus thersites</i>	Hanuman Langur	13	-	1	1	3	-	5/4/1
<i>Presbytis francoisi francoisi</i> (VU) S	Francois' Monkey	-	4	-	-	-	-	4/0
<i>Hylobates gabriellae</i>	Buff-cheeked Gibbon	1	-	-	-	-	-	0/1
<i>Hylobates leucogenys leucogenys</i>	White-cheeked Gibbon	1	-	-	-	-	-	1/0
<i>Hylobates leucogenys x gabriellae</i>	Gibbon hybrid	-	-	1	-	-	-	1/0
<i>Hylobates lar</i>	Lar Gibbon	3	-	-	-	-	-	1/2
<i>Pan troglodytes</i> (EN)	Chimpanzee	4	-	-	-	-	-	1/3
<i>Gorilla gorilla gorilla</i> (EN)	Western Lowland Gorilla	3	2	-	-	-	-	1/4

Xenarthra

<i>Choloepus didactylus</i>	Two-toed Sloth	2	-	-	-	-	-	1/1
<i>Myrmecophaga tridactyla</i> (VU)	Giant Anteater	2	-	2	-	-	-	2/2

Rodentia

<i>Sciurus stramineus nebovicii</i>	White-naped Squirrel	1	-	-	-	-	-	1/0
<i>Callosciurus prevostii</i>	Prevost's Squirrel	4	-	3	-	1	3	1/1/1
<i>Tamias sibiricus</i>	Siberian Chipmunk	1	-	-	-	-	-	0/1
<i>Jaculus orientalis</i>	Greater Egyptian Jerboa	3	-	-	-	1	-	0/0/2
<i>Hypogeomys antimena</i> (EN)	Malagasy Giant Jumping Rat	2	2	2	1	1	-	2/1/1
<i>Cricetus cricetus</i>	European Hamster	2	1	-	-	1	-	1/1
<i>Clethrionomys glareolus caesarius</i>	Jersey Vole	6	-	12	-	5	-	0/0/13
<i>Micromys minutus</i>	Harvest Mouse	12	-	5	-	3	10	0/0/4
<i>Lemniscomys barbarus</i>	Striped Grass Mouse	~28	-	6	-	4	8	~22
<i>Acomys cahirinus</i>	Arabian Spiny Mouse	40	-	90	7	62	6	0/0/55
<i>Mus minutooides</i>	Pygmy Mouse	2	-	-	-	-	-	1/1
<i>Rattus rattus</i>	Black Rat	~80	-	197	46	126	55	~50
<i>Notomys alexis</i>	Spinifex Hopping Mouse	6	-	1	-	1	-	0/0/6
<i>Muscardinus avellanarius</i> (RT)	Common Dormouse	45	-	6	-	11	-	16/24

		1	2	3	4	5	6	7
<i>Atherurus africanus</i>	African Brush-tailed Porcupine	2	-	-	-	1	-	1/0
<i>Myoproscta acouchy</i>	Green Acouchi	6	-	2	2	-	1	3/2
<i>Chinchilla laniger</i>	Chinchilla	4	-	-	-	1	-	1/2
<i>Oryzomys degus</i>	Degu	6	-	-	-	5	-	0/0/1
<i>Heterocephalus glaber</i>	Naked Mole Rat	10	-	32	32	2	-	4/4
Carnivora								
<i>Chrysocyon brachyurus</i> (VU)	Maned Wolf	2	-	-	-	-	-	1/1
<i>Falco zerd</i>	Fennec Fox	2	-	-	-	1	1	-
<i>Amblyonyx cinereus</i>	Oriental Small-clawed Otter	9	-	-	-	-	1	4/4
<i>Melursus ursinus inornatus</i> (VU)	Sloth Bear	3	-	2	2	1	-	1/1
<i>Ailuurus fulgens fulgens</i> (EN)	Red Panda	4	-	1	-	-	1	2/2
<i>Nasua nasua</i>	Coatimundi	3	-	-	-	-	-	3/0
<i>Potos flavus</i>	Kinkajou	1	-	-	-	-	-	0/1
<i>Saricatus tataricus</i>	Meerkat	6	2	-	-	-	-	3/5
<i>Helogale parvula</i>	Dwarf Mongoose	5	-	-	-	1	-	3/1
<i>Mungos mungo</i>	Banded Mongoose	2	-	-	-	-	-	1/1
<i>Caracal caracal</i>	Caracal Lynx	1	-	-	-	-	-	0/1
<i>Felis margarita harrisoni</i>	Sand Cat	3	-	-	-	-	-	1/2
<i>Panthera leo persica</i> (EN)	Asiatic Lion	4	-	-	-	-	-	1/3
<i>Panthera tigris sumatrae</i> (CR)	Sumatran Tiger	2	-	-	-	-	-	1/1
<i>Panthera pardus orientalis</i> (CR)	Amur Leopard	-	1	-	-	-	-	1/0
<i>Panthera pardus saxicolor</i> (EN)	Iranian Leopard	3	-	-	-	-	2	1/0
<i>Neofelis nebulosa nebulosa</i> (VU)	Clouded Leopard	1	-	-	-	-	-	1/0

		1	2	3	4	5	6	7
<i>Elephas maximus</i> (EN)	Asian Elephant	3	-	-	-	-	-	0/3

		1	2	3	4	5	6	7
<i>Tapirus indicus</i> (VU)	Malayan Tapir	1	1	-	-	-	-	1/1
<i>Diceros bicornis michaeli</i> (CR)	Black Rhinoceros	2	-	-	-	-	1	1/0

		1	2	3	4	5	6	7
<i>Sus barbatus S</i>	Bearded Pig	-	4	-	-	-	-	1/3
<i>Potamochoerus porcus pictus</i>	Red River Hog	-	2	-	-	-	-	1/1
<i>Tayassu tajacu</i>	Collared Peccary	4	-	-	-	4	-	-
<i>Hexaprotodon liberiensis</i> (VU)	Pygmy Hippopotamus	2	-	-	-	-	-	1/1
<i>Pudu pudu</i> (VU)	Pudu	3	-	1	-	-	1	2/1
<i>Okapia johnstoni</i>	Okapi	3	-	-	-	-	-	2/1
<i>Giraffa camelopardalis</i>	Giraffe	3	1	-	-	-	-	1/3
<i>Tragelaphus eurycerus isaaci</i>	Mountain Bongo	3	-	1	-	-	-	1/3
<i>Bubalus depressicornis</i> (EN)	Lowland Anoa	3	-	1	-	-	-	2/2
<i>Oryx leucoryx</i> (EN)	Arabian Oryx	12	-	2	2	3	-	1/8
<i>Gazella gazella arabica</i>	Arabian Gazelle	4	-	-	-	-	-	4/0

		1	2	3	4	5	6	7
	Rabbit	6	1	-	-	2	-	0/5
	Guinea Pig	8	-	-	-	2	1	2/3
	Golden Hamster	1	-	-	-	-	-	1/0
	House Mouse (domestic)	3	3	-	-	3	-	3/0
	Brown Rat (domestic)	14	-	-	-	-	-	4/10
	Clawed Fird (domestic gerbil)	3	4	-	-	2	-	5/0
	Ferret	5	-	-	-	1	-	4/0
	Pony: Cream	2	-	-	-	-	-	2/0
	Dartmoor	1	-	-	-	-	-	0/1
	Welsh Mountain	2	-	-	-	-	-	2/0
	Shetland	1	-	-	-	-	1	-
	Bay	2	-	-	-	-	-	2/0
	Llama	2	-	-	-	-	-	2/0
	Bactrian Camel	3	-	-	-	-	-	0/3
	Reindeer	3	-	-	-	-	1(1)	0/2

		1	2	3	4	5	6	7
<i>Anas formosa</i> (VU)	Baikal Teal	1	-	-	-	-	-	1/0
<i>Anas querquedula</i>	Garganey	2	-	-	-	1	-	0/1
<i>Marmaronetta angustirostris</i> (VU)	Marbled Duck	6	-	-	-	3	-	1/1/1
<i>Aythya nyroca</i> (VU)	Ferruginous (White-eyed) Duck	5	-	-	-	-	-	2/3
<i>Aythya baeri</i> (VU)	Baer's Pochard	2	-	-	-	1	-	1/0
<i>Mergellus albellus</i>	Snew	3	-	-	-	2	-	0/1
<i>Mergus cucullatus</i>	Hooded Merganser	1	-	-	-	-	-	1/0
<i>Thalassidroma leucorhoa leucorhoa</i>	African White-backed Duck	1	-	-	-	-	-	1/0

		1	2	3	4	5	6	7
<i>Cathartes aura</i>	Turkey Vulture	5	-	-	-	-	-	3/2
<i>Milvus migrans</i>	Black Kite	2	-	-	-	-	-	1/1
<i>Polyboroides typus</i>	African Harrier Hawk	5	-	-	-	2	-	1/2
<i>Parabuteo unicinctus</i>	Harris's Hawk	2	-	-	-	-	-	1/1
<i>Falco biarmicus</i>	Lanner Falcon	-	1	-	-	-	-	-
<i>Falco cherrug</i>	Saker Falcon	-	1	-	-	-	-	0/1
<i>Falco tinnunculus</i>	Striated Caracara	-	3	-	-	-	-	1/2

		1	2	3	4	5	6	7
<i>Rollulus rouloul</i>	Crested Wood Partridge	16	-	28	22	6	6	7/3
<i>Gallus gallus</i>	Red Junglefowl	1	2(2)	-	-	1	-	1/1
<i>Lophura diardi</i> (VU)	Siamese Crested Fireback	4	-	-	-	2	-	2/0
<i>Lophura edwardsi</i> (CR)	Edward's Pheasant	4	-	-	-	2	-	2/0
<i>Pavo muticus</i> (VU)	Green Peafowl	1	-	-	-	-	-	1/0
<i>Afropavo congensis</i> (VU)	Congo Peafowl	2	-	-	-	1	-	1/0
<i>Polyplectron emphanum</i> (EN)	Palawan Peacock Pheasant	3	1	-	-	1	-	1/2

		1	2	3	4	5	6	7
<i>Grus japonensis</i> (VU)	Red-crowned (Manchurian) Crane	2	-	-	-	-	-	1/1
<i>Grus paradinga</i> (VU)	Stanley Crane	2	-	-	-	-	1	0/1
<i>Gallinula nesiotis comeri</i> (VU)	Gough Island Moorhen	2	-	-	-	1	-	0/1
<i>Rallus striatus</i>	Slaty-breasted Rail	1	-	-	-	-	-	1/0
<i>Carriama cristata</i>	Red-legged Seriema	-	1	-	-	-	-	0/0/1

		1	2	3	4	5	6	7
<i>Actophilornis africana</i>	African Jacana	-	5	-	-	3	-	1/1
<i>Burhinus oedicnemus</i>	Stone Curlew	2	-	-	-	-	2	-
<i>Vanellus miles miles</i>	Masked Lapwing	5	-	-	-	-	-	4/1
<i>Larus cirrocephalus poiocephalus</i>	Grey-headed Gull	7	-	-	-	4	-	0/0/3

		1	2	3	4	5	6	7
<i>Gallinula cristata</i> (VU)	Mindanao Bleeding Heart Dove	3	-	-	-	1	-	2/0
<i>Ducula aenea aenea</i>	Green Imperial Pigeon	3	-	5	2	-	2	2/2
<i>Ducula aenea paulina</i>	Chestnut-naped Imperial Pigeon	5	-	4	1	-	3	1/3/1
<i>Ducula ruficauda</i>	Purple-tailed Imperial Pigeon	4	-	1	-	-	-	3/2
<i>Ducula concinna</i>	Blue-tailed Imperial Pigeon	1	-	-	-	-	-	1/0
<i>Ducula pison</i>	Pison Imperial Pigeon	2	-	-	-	-	-	1/1
<i>Ducula zonne</i>	Zoe Imperial Pigeon	2	-	-	-	-	-	1/1
<i>Pinonopsus cinctus albocinctus</i>	Black-backed Fruit Dove	3	-	-	-	1	-	2/0
<i>Pinonopsus magnificus</i>	Magnificent Fruit Dove	2	-	-	-	-	-	2/0
<i>Pinonopsus melanostictus</i>	Black-naped Fruit Dove	3	-	-	-	-	-	2/1
<i>Pinonopsus superbus</i>	Superb Fruit Dove	4	-	-	-	1	-	2/1
<i>Zenaidura macroura</i> (EW)	Socorro Dove	1	2	-	-	2	-	1/0

		1	2	3	4	5	6	7
<i>Trichoglossus johnstoniae</i> (VU)	Mt Apo Lorikeet	4	-	3	-	2	-	2/2/1
<i>Charmatopsia josephinae</i>	Josephine's Lorikeet	1	-	-	-	-	-	1/0
<i>Charmatopsia pulchella rostrabilis</i>	Fairy Lorikeet	3	-	-	-	2	-	1/0
<i>Eos cyanogonia</i> (VU)	Black-winged Lory	4	-	-	-	2	-	2/0
<i>Vini australis</i>	Blue-crowned Lory	3	-	4	1	1	-	2/2/1
<i>Eolophus roseicapillus</i>	Galah	1	-	-	-	-	-	1/0

		1	2	3	4	5	6	7
Pig: Large Black		-	1	11	1	-	11	-
Middle White		-	1	7	3	-	5	-
Tamworth		-	1	4	-	-	5	-
Berkshire		1	-	13	5	-	9	-
British Saddleback		-	4	-	-	-	3	0/1
Cattle: Red Poll		2	-	1	1	-	-	0/2
Irish Moiled		-	1	-	-	-	-	0/1
Sheep: Leicester Longwool		4	3	4	-	-	5	0/6
Norfolk Horned		4	-	-	-	-	2	0/2
Soay		-	6	-	-	-	-	0/6
Goat: Pygmy		4	-	-	-	-	-	0/4
Bagot		2	-	-	-	2	-	-
Windsor White		3	1	2	-	1	3	0/2

Total: Mammals		781	58	527	163	318	173(1)	712
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BIRDS

Casuariiformes

<i>Rhea americana</i>	Greater Rhea	4	-	-	-	-	-	4/0
<i>Dromaius novaehollandiae</i>	Emu	-	2	-	-	-	-	0/0/2

Sphenisciformes

<i>Spheniscus demersus</i>	Blackfooted (Jackass) Penguin	41	-	9	3	3	-	17/21/6
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Pelecaniformes

<i>Pelecanus crispus</i> (VU)	Dalmatian Pelican	9	-	-	-	-	-	5/4
<i>Pelecanus onocrotalus</i>	Eastern White Pelican	12	-	-	-	-	-	3/8/1
<i>Phalacrocorax lucidus</i>	White-breasted Cormorant	2	-	-	-	-	-	0/0/2

Ciconiiformes

<i>Nycticorax nycticorax</i>	Night Heron	1	-	-	-	-	-	0/0/1
<i>Ardeola bacchus</i>	Chinese Pond Heron	5	-	-	-	-	-	2/3
<i>Bubulcus ibis</i>	Cattle Egret	35	-	3	1	2	1(1)	3/4/27
<i>Egretta garzetta</i>	Little Egret	20	-	24	3	-	-	7/10/24
<i>Ciconia abdimii</i>	Abdim's Stork	13	-	1	-	3	-	4/4/3
<i>Ciconia episcopus episcopus</i>	Asian Woolly-necked Stork	2	-	-	-	-	-	1/1
<i>Threskiornis aethiopicus</i>	Sacred Ibis	41	-	8	2	8	-	0/0/39
<i>Geronticus eremita</i> (CR)	Waldrapp Ibis	7	-	2	1	-	-	2/3/3
<i>Theristicus melanopus</i>	Black-faced Ibis	3	-	-	-	-	-	2/1
<i>Eudocimus ruber</i>	Scarlet Ibis	12	2	-	-	1	-	4/4/5
<i>Plegadis ridgwayi</i>	Pana Ibis	1	-	-	-	-	1	-

		1	2	3	4	5	6	7
<i>Liochila omeiensis</i> (VU)	Omei Shan Babbler	2	-	-	-	-	-	1/1
<i>Nectarinia pulchella</i>	Beautiful Sunbird	2	1	-	-	-	-	2/1
<i>Zosterops pulcherrima</i>	Oriental White-eye	-	6	-	-	6	-	-
<i>Zosterops poliopterus</i> S	African Montane White-eye	-	1	-	-	1	-	-
<i>Paroaria coronata</i>	Red-crested Cardinal	3	-	-	-	-	-	2/1
<i>Paroaria dominicana</i>	Pope Cardinal	10	-	1	-	2	-	5/4
<i>Passerina brissonii</i>	Ultramarine Grosbeak	6	-	-	-	1	-	3/2
<i>Tangara arthus</i>	Golden Tanager	1	-	-	-	-	-	0/1
<i>Tangara fastuosa</i> (EN)	Superb (Seven-coloured) Tanager	3	-	-	-	1	-	1/1
<i>Carduelis cucullata</i> (EN)	Red Siskin	4	-	-	-	-	-	2/2
<i>Chlorobis gouldiae</i> (EN)	Gouldian Finch	7	4	-	-	1	-	4/6
<i>Erythrura psittacea</i>	Red-throated Parrot Finch	6	-	-	-	1	-	1/4
<i>Uraeginthus cyanocephala</i>	Blue-capped Cordon-Bleu	-	1	-	-	1	-	-
<i>Estrilda troglodytes</i>	Black-rumped Waxbill	4	-	-	-	1	-	0/0/3
<i>Nothocercus ruficauda</i> (VU)	Star Finch	-	1	-	-	-	-	0/0/1
<i>Vidua sp.</i>	Combassou	1	-	-	-	-	-	1/0
<i>Vidua macroura</i>	Pin-tailed Whydah	2	-	-	-	1	-	1/0
<i>Quelca quelca</i>	Red-beaked Weaver (Quelca)	12	-	-	-	2	-	0/0/10
<i>Euplectes orix</i>	Red Bishop	-	1	-	-	-	-	1/0
<i>Foudia flavicans</i> (VU)	Rodrigues Fody	1	-	-	-	1	-	-
<i>Lamprolaima iris</i>	Emerald Glossy Starling	5	-	-	-	-	-	4/1
<i>Leucophaea rothschildi</i> (CR)	Rothschild's Mynah	9	-	8	3	1	-	5/6/2
<i>Ampeliceps coronatus</i>	Golden-crested Mynah	1	-	-	-	1	-	-
<i>Basilornis celebensis</i>	Sulawesi Mynah	2	-	-	-	1	1	-
<i>Pyrrhocorax pyrrhocorax</i> (RT)	Red-billed Chough	3	-	-	-	-	-	1/2

Domestic

Duck: Aylesbury	3	-	-	-	-	-	-	2/1
Chicken	11	22	-	-	8	13	1/9/2	
Budgerigar	6	-	-	-	1	1	0/4	

Total: Birds 690 76(2) 185 57 133 70(1) 691

REPTILES

Testudines

<i>Sternotherus odoratus</i>	Stinkpot	3	1	-	-	-	-	0/0/4
<i>Trachemys scripta elegans</i>	Red-eared Terrapin	4	-	-	-	-	-	0/0/4
<i>Trachemys decorata</i> (VU)	Hispaniolan Slider	6	-	-	-	-	-	0/0/6
<i>Heosemys grandis</i> (VU)	Giant Asian Pond Turtle	1	-	3	1	-	-	1/0/2
<i>Terrapene carolina</i> (EN)	Mexican Box Turtle	5	-	-	-	-	-	2/2/1
<i>Melanochelys trijuga trijuga</i>	Peninsular Black Turtle	2	-	-	-	-	-	0/2
<i>Geopemyx kohli</i>	Mississippi Map Turtle	4	-	-	-	-	-	1/3
<i>Pseudemys arachnoides</i> (VU)	Madagascar Spider Tortoise	4	1	-	-	2	-	0/3
<i>Homopus areolatus</i>	Parrot-beaked Cape Tortoise	3	-	-	-	1	-	1/1
<i>Testudo graeca</i> (VU)	Spur-thighed Tortoise	16	-	3	-	-	3	5/8/3
<i>Testudo graeca terrestris</i> (VU)	Middle Eastern Spur-thighed Tortoise	1	-	-	-	-	-	1/0/0
<i>Testudo hermanni</i>	Hermann's Tortoise	8	-	-	-	1	-	6/1
<i>Testudo horsfieldi</i> (VU)	Central Asian Tortoise	5	1	-	-	-	-	3/2
<i>Testudo kleinmanni</i> (EN)	Egyptian Tortoise	18	-	5	1	7	-	7/5/3
<i>Testudo marginata</i> (VU)	Margined Tortoise	4	-	-	-	-	-	4/0
<i>Malacochersus tornieri</i> (VU)	Pancake Tortoise	5	-	-	-	-	-	2/1/2
<i>Geochelone pardalis</i>	Leopard Tortoise	1	-	-	-	-	-	0/1
<i>Chelonia fibriata</i>	Matamora	1	-	-	-	-	-	0/0/1
<i>Chelodina siebenrocki</i>	Siebenrock's Snake-necked Turtle	-	4	-	-	-	-	0/0/4
<i>Chelodina longicollis</i>	Long-necked Terrapin	6	2	-	-	-	-	2/2/4
<i>Emydura australis albertini</i>	New Guinea Red-bellied Terrapin	3	-	-	-	-	-	1/2
<i>Pelodiscus sinensis</i>	Chinese Soft-shelled Terrapin	1	-	-	-	-	-	0/0/1

Crocodylia

<i>Alligator sinensis</i> (CR)	Chinese Alligator	5	-	-	-	-	-	2/3
Sauria								
<i>Tarentola mauritanica</i>	Egyptian Gecko	8	-	6	-	2	3	0/0/9
<i>Nactus serpens</i>	Serpent Island Gecko	2	-	-	-	2	-	-
<i>Stenodactylus zhenodactylus</i>	Elegant Gecko	4	-	2	-	2	-	0/0/4
<i>Paroedura picta</i>	Malagasy Night Gecko	1	-	-	-	1	-	-
<i>Underwoodiaura mii</i>	Australian Barking Gecko	-	4	-	-	1	-	1/2
<i>unidentified</i>	Gecko	-	1	-	-	1	-	-
<i>Phyllodactylus marmoratus</i> S	Marbled Gecko	-	5	-	-	3	1	0/0/1
<i>Oedura lesauvii</i>	Lesuer's Velvet Gecko	-	4	-	-	1	-	1/2
<i>Oedura tryoni</i> S	Southern Spotted Velvet Gecko	-	8	-	-	1	-	1/2/4
<i>Gehyra purpurascens</i> S	Purple Diella	-	4	-	-	4	-	-
<i>Gehyra sp.</i>	Gecko (unidentified)	-	1	-	-	1	-	-
<i>Gekko gekko</i>	Tokay Gecko	1	-	-	-	-	-	0/0/1
<i>Homopholis wahlbergi</i>	Wahlberg's Velvet Gecko	1	-	-	-	-	-	1/0
<i>Phelsuma ornata ornata</i>	Ornate Day Gecko	1	-	-	-	-	-	0/0/1
<i>Phelsuma standingi</i> (VU)	Standing's Day Gecko	4	2	1	-	1	1	4/1/0
<i>Eublepharis macularius</i>	Leopard Ground Gecko	3	-	2	-	-	-	1/2/2
<i>Cyclura cornuta cornuta</i> (VU)	Rhinoceros Iguana	6	-	-	-	-	1	3/1/1
<i>Oplarus curvirostris</i>	Madagascar Spiny Lizard	1	-	-	-	1	-	-
<i>Anphibolurus marginatus</i>	Jacky Lizard	-	2	-	-	-	-	0/0/2
<i>Pogona vitticeps</i>	Inland Bearded Dragon	7	-	3	-	2	2	4/1/1
<i>Chamaeleo calyptratus</i>	Yemen Chameleon	2	-	-	-	1	-	1/0
<i>Egernia stokesii</i>	Stoke's Skink	-	2	-	-	-	-	0/0/2
<i>Chalcides ocellatus</i>	Eyed Skink	1	-	-	-	-	-	1/0
<i>Corucia zebrata</i> (VU)	Prehensile-tailed Skink	7	-	-	-	-	-	3/2/2
<i>Eumeces schneideri</i>	Schneider's Skink	1	-	-	-	-	-	1/0
<i>Tiliqua rugosa</i>	Shingleback	7	-	-	-	-	-	3/4
<i>Tiliqua nigrolata</i>	Blotched Blue-tongued Skink	-	3	-	-	-	-	1/2
<i>Tiliqua scincoides scincoides</i>	Eastern Blue-tongued Skink	3	-	-	-	-	-	1/2
<i>Mabuya perroteti</i>	Red-sided Skink	1	-	-	-	1	-	-
<i>Gongylomorphus bojerii</i>	Bojer's Skink	1	-	-	-	1	-	-
<i>Gerrhonotus major</i>	Greater Plated Lizard	4	-	-	-	3	-	1/0
<i>Lacerta lepida</i>	Ocellated Lizard (Iberlenga Isl.)	4	-	1	1	1	-	2/1
<i>Lacerta lepida lepida</i>	Jewelled Lizard	2	-	-	-	-	-	1/1
<i>Varanus prasinus</i>	Green Tree Monitor	5	-	1	-	2	-	1/2/1
<i>Varanus timorensis</i>	Timor Monitor	3	-	-	-	-	-	2/1
<i>Varanus niloticus</i>	Nile Monitor	1	-	-	-	-	-	1/0
<i>Heloderma suspectum</i> (VU)	Reticulated Gila Monster	1	-	-	-	1	-	-
<i>Heloderma horridum</i>								
<i>exasperatum</i> (VU)	Rio Grijalva Beaded Lizard	1	-	-	-	-	1	-
<i>Heloderma horridum</i> (VU)	Beaded Lizard	-	2	-	-	-	-	2/0
<i>Ophisaurus apodus</i>	Schelltopusik (Glass Lizard)	4	-	9	-	1	-	0/0/12
<i>Cordylus giganteus</i> (VU)	Sungazer	5	-	-	-	1	-	4/0
<i>Cordylus polyzonus</i>	Karoo Girdled Lizard	2	-	-	-	-	-	2/0

Serpentes

<i>Liasis albertii</i>	D'Albert's Python	4	-	-	-	-	2	1/1
<i>Morelia spilotes spilotes</i>	Diamond Python	1	5	-	-	1	-	0/0/5
<i>Python curtus brogersmaei</i>	Blood Python	4	-	-	-	-	-	2/2
<i>Python curtus breitensteini</i>	Borneo Blood Python	3	-	-	-	1	-	0/0/2
<i>Python molurus bivittatus</i>	Burmese Python	3	-	-	-	1	-	1/1
<i>Python regius</i>	Royal Python	9	-	-	-	-	-	3/1/5
<i>Epicrates subflavus</i> (VU)	Jamaican Boa	3	-	-	-	-	-	3/0
<i>Sanzinia madagascariensis</i> (VU)	Madagascar Tree Boa	6	-	-	-	-	-	3/3
<i>Boa constrictor</i>	Boa Constrictor	2	1	-	-	-	-	0/0/3
<i>Boa constrictor occidentalis</i>	Argentine Boa	2	-	-	-	-	-	0/2

		1	2	3	4	5	6	7
<i>Acrantophis dumerili</i>	Dumeril's Boa	11	-	-	-	-	9	1/1
<i>Eryx conicus</i>	Rough-scaled Sand Boa	2	-	-	-	-	-	0/2
<i>Eryx johnii</i>	Smooth Sand Boa	2	-	-	-	-	-	2/0
<i>Hydrodynastes gigas</i>	Boipevaçu Snake	8	-	-	-	3	-	2/0/3
<i>Coronella austriaca</i> (RT)	Smooth Snake	5	-	-	-	1	-	0/1/3
<i>Lampropeltis getulus californiae</i>	Californian King Snake	1	-	-	-	-	-	0/0/1
<i>Lampropeltis triangulum tinicola</i>	Sinaloa Milk Snake	1	-	-	-	-	-	0/1
<i>Elaeophis taeniura freesei</i> SS	Stripe-tailed Ratsnake	-	2	-	-	-	-	1/1
<i>Diplolobus typus</i>	Boomslang	4	-	-	-	-	-	2/2
<i>Pseudelphis colleti</i>	Collet's Snake	2	-	-	-	-	-	0/2
<i>Oxyuranus scutellatus</i>	Taipan	2	4	-	-	-	-	4/2
<i>Acanthophis antarcticus</i>	Death Adder	22	-	-	-	5	8	2/2/5
<i>Bungarus candidus</i>	Malayan Krait	2	-	-	-	-	2	-
<i>Naja siamensis</i>	Siamese Cobra	9	-	-	-	2	-	0/0/7
<i>Naja asmalifera</i>	Scouted Cobra	14	-	-	-	3	4	1/1/5
<i>Naja mossambica</i>	Mozambique Spitting Cobra	2	-	-	-	-	2	-
<i>Naja pallida</i>	Red Spitting Cobra	6	-	-	-	1	1	1/1/2
<i>Naja sp.</i>	Brown Spitting Cobra	4	-	1	-	-	-	4/1
<i>Naja kaouthia</i>	Monocellate Cobra	2	-	-	-	-	-	2/0
<i>Naja asiatica</i>	Central Asian Cobra	1	2	-	-	1	-	0/2
<i>Homachatus haemachatus</i>	Ringhals's Cobra	1	-	-	-	-	-	1/0
<i>Dendroaspis angusticeps</i>	Common Green Mamba	4	-	-	-	-	-	3/1
<i>Dendroaspis polylepis</i>	Black Mamba	11	-	-	-	-	2	3/2/4
<i>Vipera lebetina obtusa</i>	Levantine Viper	-	2	-	-	-	-	1/1
<i>Vipera palaestinae</i>	Palestine Viper	1	-	-	-	-	-	0/0/1
<i>Vipera ammodytes ammodytes</i>	Western Long-nosed Viper	7	-	-	-	-	1	4/2
<i>Vipera raddii</i>	Armenian Viper	2	3	-	-	1	-	2/2
<i>Vipera xanthina</i>	Ottoman Viper	-	2	-	-	-	-	1/1
<i>Bitis arietans</i>	Puff Adder	7	-	68	58	5	-	1/1/10
<i>Bitis gabonica rhinoceros</i>	Gaboon Viper	37	-	-	-	11	7	3/5/11
<i>Echis carinatus</i> sp.	Carpet Viper	2	-	-	-	2	-	-
<i>Echis carinatus sochureki</i>	Saw-scaled Viper	2	-	-	-	-	-	0/1/1
<i>Gloydius intermedius saratani</i>	Rock Mamushi	6	-	-	-	2	-	2/2
<i>Gloydius halsi caragana</i>	Karaganda Mamushi	3	-	-	-	1	-	0/0/2
<i>Calotes latitans rhodostoma</i>	Malayan Pit Viper	6	-	15	-	7	2	0/0/12
<i>Trimeresurus purpurcomaculatus</i>	Mangrove Pit Viper	1	-	-	-	-	-	1/0
<i>Trimeresurus albolabris</i>	White-lipped Tree Viper	3	-	-	-	-	-	0/1/2
<i>Bothriechis schlegelii</i>	Eye-lash Viper	-	2	-	-	-	-	1/1
<i>Bothrops atter</i>	Teciopelo	1	-	-	-	-	-	0/1

		1	2	3	4	5	6	7
<i>Gymnothorax favagineus</i>	Leopard Moray Eel	2	-	-	-	-	2	-
<i>Conger conger</i>	Conger Eel	2	-	-	-	1	-	1
<i>Heteroconger hassi</i>	Garden Eel	-	10	-	-	1	-	9
Cypriniformes								
<i>Acheilognathus micropterus</i>	Asian Bitterling	2	-	-	-	2	-	-
<i>Barbus barbus</i>	Barbel	3	-	-	-	-	-	3
<i>Capoeta bimaculata</i>	Two-spot Barb	8	-	-	-	2	-	6
<i>Capoeta arulata</i>	Arulius Barb	7	-	9	-	1	-	15
<i>Capoeta semifasciolata</i>	Chinese Green Barb	1	-	-	-	1	-	-
<i>Capoeta tinnis</i>	Cherry Barb	1	-	-	-	1	-	-
<i>Osteochilus vittatus</i>	Bony-lipped Barb	1	-	-	-	1	-	-
<i>Pseudorasbora parva</i>	Clicking Barb	10	-	-	-	10	-	-
<i>Carassius auratus</i>	Goldfish	4	-	-	-	1	-	3
<i>Cyprinus carpio</i>	Cap - Koi, mirror, etc.	-43	-	-	-	2	-	-41
<i>Gobio gobio</i>	Gudgeon	2	-	-	-	1	-	1
<i>Hypophthalmichthys molitrix</i>	Silver Carp	3	-	-	-	3	-	-
<i>Leuciscus cephalus</i>	Chub	8	-	-	-	3	-	5
<i>Leuciscus idus</i>	Ide or Orfe	10	-	-	-	3	-	7
<i>Leuciscus leuciscus</i>	Dace	1	-	-	-	-	-	1
<i>Phoxinus phoxinus</i>	Minnow	-30	-	-	-	12	-	-18
<i>Tanichthys albonubes</i>	White Cloud Mountain Minnow	-	100	4	-	92	-	12
<i>Rasbora borapetensis</i>	Red-tailed Rasbora	6	-	-	-	-	-	6
<i>Rasbora elegans</i>	Elegant Rasbora	7	-	1	-	1	-	7
<i>Rasbora heteromorpha</i>	Harlequin Rasbora	5	-	-	-	5	-	-
<i>Rutilus rutilus</i>	Roach	-56	-	-	-	6	-	-50
<i>Scardinius erythrophthalmus</i>	Rudd	-50	-	-	-	10	-	-40
<i>Tinca tinca</i>	Tench	24	-	-	-	6	-	18
<i>Myxocyprinus asiaticus</i>	Chinese Sailfin Sucker	7	-	-	-	1	-	6
<i>Sora sinensis</i>	False Myxocyprinus	-	10	-	-	1	-	9
<i>Botia macracantha</i>	Clown Loach	4	-	-	-	-	-	4
<i>Botia modesta</i>	Red finned Botia	3	-	-	-	-	-	3
<i>Botia sidhimensis</i> (CR)	Chain Loach	7	-	-	-	-	-	7
<i>Pseudogastromyzon sp.</i>	Striped Butterfly Plecostomus	-	10	-	-	10	-	-
<i>Pseudogastromyzon sp.</i>	Spotted Hillstream Loach	-	10	-	-	4	-	6

		1	2	3	4	5	6	7
Characiformes								
<i>Asynus mexicanus</i>	Blind Cavefish	21	-	-	-	1	-	20
<i>Hemigrammus erythrozonus</i>	Glowlight Tetra	1	-	-	-	1	-	-
<i>Hypessobrycon elachys</i>	Reed Tetra	-	12	-	-	6	-	6
<i>Pristella maxillaris</i>	X-ray Tetra	7	-	-	-	2	-	5
<i>Gymnocorymbus ternetzi</i>	Black Widow Tetra	23	-	-	-	15	-	8
<i>Hasternia nana</i>	Silver-tipped Tetra	6	-	-	-	6	-	-
<i>Metynnus argenteus</i>	Silver Dollar	2	-	-	-	1	-	1
<i>Serrasalminus nattereri</i>	Red-bellied Piranha	25	-	-	-	-	-	25
<i>Colostoma macropomum</i>	Pacu	-	2	-	-	-	-	2
<i>Triportheus angulatus</i>	Narrow Hatchetfish	6	-	-	-	-	-	6

		1	2	3	4	5	6	7
Siluriformes								
<i>Pelteobagrus brachius</i>	Amur Dragon Catfish	5	-	-	-	5	-	-
<i>Synodontis clari</i>	Red-tailed Synodontis	1	-	-	-	-	-	1
<i>Synodontis multipunctata</i>	Cuckoo Catfish	3	-	-	-	-	-	3
<i>Synodontis sp.</i>	Synodontis	3	-	-	-	-	-	3
<i>Agamyxis pectinifrons</i>	Spotted Doras Catfish	1	-	-	-	1	-	-
<i>Corydoras aeneus</i>	Bronze Catfish	4	-	-	-	1	-	3
<i>Corydoras elegans</i>	Elegant Corydoras	5	-	-	-	2	-	3
<i>Corydoras haraldschultzi</i>	Harold Schultz's Corydoras	4	-	-	-	3	-	1
<i>Corydoras paleatus</i>	Peppered Catfish	17	-	-	-	14	-	3
<i>Ancistrus sp.</i>	Bristle-nosed Catfish	1	-	-	-	-	-	1
<i>Otocinclus affinis</i>	Dwarf Sucker Catfish	5	-	-	-	5	-	-
<i>Pterygoplichthys gibbiceps</i>	Sailfin Plecostomus	6	-	-	-	5	-	1
<i>Hypostomus spp.</i>	Catfish	3	1	-	-	1	-	3

		1	2	3	4	5	6	7
<i>Hippocampus kuda</i> (VU)	Yellow Seahorse	9	-	501	229	143	-	138
<i>Hippocampus reidi</i> (VU)	Slender Seahorse	3	6	3377	3234	147	-	5
<i>Hippocampus abdominalis</i> (VU)	Pot-bellied Seahorse	-	12	-	-	-	-	12
<i>Hippocampus fuscus</i> (VU)	Sea Pony	-	9	-	-	9	-	-
Scorpaeniformes								
<i>Tarusia bubalis</i>	Sea Scorpion	-	1	-	-	1	-	-
<i>Pterois volitans</i>	Lionfish	2	-	-	-	-	-	2
<i>Hypodytes rubripinnis</i>	Velvet Warpfish	2	-	-	-	1	-	1
<i>Trigla lucerna</i>	Tub Gurnard	4	-	-	-	3	-	1
<i>Cyclopterus lumpus</i>	Lumpsucker	-	20	-	-	20	-	-
<i>Myoxocephalus scorpius</i>	Bull Rout	-	1	-	-	1	-	-
Perciformes								
<i>Siniperca chuatsi</i>	Chinese Perch	3	-	-	-	-	-	3
<i>Dicentrarchus labrax</i>	Sea Bass	16	-	-	-	1	-	15
<i>Anhias squamipinnis</i>	Wreckfish	3	-	-	-	2	-	1
<i>Cephalopholis microdon</i>	Red Grouper	1	-	-	-	1	-	-
<i>Cromileptes altivelis</i>	Polkadot Grouper/Pantherfish	2	-	-	-	1	1	-
<i>Serranus tortoganus</i>	Chalk Bass	2	-	-	-	2	-	-
<i>Pseudochromis fridmani</i>	Orchid Dotyback	-	1	-	-	-	-	1
<i>Calliphetes altivelis</i>	Marine Beta	1	-	-	-	-	-	1
<i>Lepomis gibbosus</i>	Pumpkinseed	21	13	2	-	24	-	12
<i>Lepomis megalotis</i>	Long-eared Sunfish	3	-	-	-	3	-	-
<i>Perca fluviatilis</i>	Perch	7	-	-	-	-	-	7
<i>Pterapogon kauderni</i>	Indonesian/Banggai Cardinal Fish	17	45	6	-	19	-	49
<i>Apogon nematopterus</i>	Pyjama Cardinal	3	-	-	-	2	-	1
<i>Selene vomer</i>	Lookdown Fish	-	20	-	-	4	-	16
<i>Haemulon flavolineatum</i>	French Grunt	-	20	-	-	1	-	19
<i>Haemulon melanosurum</i>	Cottonwick Grunt	-	10	-	-	-	-	10
<i>Anisotremus virginicus</i>	Perkfish	1	-	-	-	1	-	-
<i>Sparus aurata</i>	Gilthead Bream	5	-	-	-	-	-	5
<i>Spondylisma cantharus</i>	Black Sea Bream	6	-	-	-	4	-	2
<i>Chaetodon guttatissimus</i>	Dot-dash Butterflyfish	-	2	-	-	1	-	1
<i>Chaetodon falcula</i>	Falcula Butterflyfish	1	-	-	-	-	-	1
<i>Chelmon rostratus</i>	Copperband Butterflyfish	1	1	-	-	1	-	1
<i>Hemiochus acuminatus</i>	Wimple or Bannerfish	4	-	-	-	-	-	4
<i>Pomacanthus imperator</i>	Emperor Angelfish	1	-	-	-	-	-	1
<i>Pomacanthus paru</i>	French Angelfish	1	-	-	-	1	-	-
<i>Neocirrhina armata</i>	Scarlet Hawkfish	-	1	-	-	-	-	1
<i>Pterochromis sp.</i>	Malagasy Cichlid	11	-	162	-	1	-	172
<i>Paretroplus maculatus</i> (CR)	Damba Mipentina Cichlid	-	12	-	-	-	-	11
<i>Paretroplus kienersi</i> (VU)	Kotosvato Cichlid	-	12	-	-	-	-	12
<i>Tilapia guineana</i> (CR)	Ojikoto Tilapia	-	33	20	-	6	-	47
<i>Sarotherodon lobbreggi</i> (CR)	Barombi Mbo Cichlid	40	-	15	-	17	-	38
<i>Stomoxys pinda/nariae</i> (CR)	Black/Striped Barombi Mbo Cichlid	18	-	-	-	-	-	18
<i>Chromidotilapia guentheri</i>	Guenther's Mouthbrooder	4	-	-	-	-	-	4
<i>Neochromis greenwoodi</i>	Velvet Black Lake Victoria Cichlid	-100	-	31	-	19	-	-112
<i>Lipochromis melanopterus</i> (CR)	Black-finned Fulu	12	-	58	-	2	-	68
<i>Melanochromis johanni</i>	Johanni Cichlid	27	-	-	-	1	-	26
<i>Melanochromis chipokae</i>	Mbuna Cichlid	4	-	-	-	-	-	4
<i>Melanochromis auratus</i>	Malawi Cichlid	3	-	-	-	1	-	2
<i>Nimbochromis venustus</i>	Lake Malawi Cichlid	14	-	52	-	13	49	4
<i>Nimbochromis livingstoni</i>	Lake Malawi Cichlid	4	-	2	-	2	-	4
<i>Nimbochromis polystigma</i>	Polystigma Cichlid	1	-	-	-	-	-	1
<i>Dimidiocromis compressiceps</i>	Malawi Eye-biter Cichlid	-	7	2	-	-	-	9
<i>Labretrophus fuelleborni</i>	Red-top Cichlid	-200	-	143	-	11	262	70
<i>Pseudotropheus zebra</i>	Zebra Mbuna	-150	-	29	-	-155	4	20
<i>Neolamprologus brichardi</i>	Lyretail Lamprologus	-100	-	-	-	8	-	-92
<i>Neolamprologus brevis</i>	Shell-dweller Cichlid	-	7	-	-	-	-	7
<i>Neolamprologus leleupi</i>	Golden Lamprologus	7	-	5	-	-	-	12
<i>Callochromis sp.</i>	Sand-sifter Cichlid	-	6	-	-	1	-	5

		1	2	3	4	5	6	7
Gymnotiformes								
<i>Electrophorus electricus</i>	Electric Eel	1	-	-	-	1	-	-
Esociformes								
<i>Esox lucius</i>	Pike	1	-	-	-	-	-	1
Salmoniformes								
<i>Oncorhynchus mykiss</i>	Rainbow Trout	5	-	-	-	1	-	4
<i>Salmo trutta</i>	Brown Trout	2	-	-	-	-	-	2
<i>Thyalassus thyalassus</i>	Grayling	7	-	-	-	6	-	1
Ophidiiformes								
<i>Carapus homei</i>	Clear Pearlfish	-	2	-	-	1	-	1
<i>Carapus boraborensis</i>	Brown Pearlfish	-	3	-	-	1	-	2
Gadiformes								
<i>Gaidropsaurus vulgaris</i>	Three-bearded Rockling	-	1	-	-	1	-	-
Mugiliformes								
<i>Chelon labrosus</i>	Thick-lipped Grey Mullet	14	13	-	-	1	-	26
Atheriniformes								
<i>Bedotia geyi</i>	Madagasy Rainbowfish	38	-	-	-	15	-	23
<i>Glossogobius aureus</i> (VU)	New Guinea Red Rainbowfish	11	-	-	-	2	-	9
<i>Melanotaenia boesemani</i> (EN)	Boeseman's Rainbowfish	3	18	-	-	-	-	21
<i>Pseudomugil melis</i> (EN)	Honey Blue-eye	-	6	-	-	1	-	5
<i>Pseudomugil cyanodorsalis</i>	Blue-back Blue-eyes	-	23	84	1	11	-	95
<i>Telmatherina celebensis</i>	Sulawesi Rainbowfish	2	9	1	-	-	-	12
Belontiiformes								
<i>Oryzias latipes</i> (VU)	Sulawesi Medaka	10	-	-	-	7	-	3
<i>Nomoramphus ebrandii</i>	Sulawesi Halfbeak	27	-	3	-	-	-	30
<i>Nomoramphus leini leini</i>	Sulawesi Halfbeak	5	-	-	-	4	-	1

		1	2	3	4	5	6	7
Cyprinodontiformes								
<i>Pachypanchax omalonotus</i>	Malagasy Killifish	19	4	-	1	16	-	6
<i>Pachypanchax sakaramyi</i> (VU)	Malagasy Killifish	-	12	-	-	-	-	12
<i>Anableps anableps</i>	Four-eyed Fish	25	-	12	2	4	-	31
<i>Poecilia nigrofasciata</i>	Black-barred Lamia	-50	-	-	-	9	-	-41
<i>Poecilia reticulata</i>	Guppy (domestic)	-500	-	-	-	3	-	497
<i>Poecilia reticulata</i> (wild form)	Fitch-lake Guppy	-100	-	-	-	-	-	-100
<i>Ameca splendens</i> (EW)	Butterfly Goodeid	-100	-	-	-	11	-	-89
<i>Zoogoneticus tequila</i>	Crescent Zoe	13	-	-	-	7	-	6
<i>Cyprinodon longidorus</i>	Charco Palma Pupfish	-	10	19	-	3	-	26
<i>Jordanella floridae</i>	American Flagfish	-	10	-	-	1	-	9

INVERTEBRATES

Key to columns:

- column 1 Arrivals
- column 2 Births/Hatchings
- column 3 Deaths
- column 4 Departures
- column 5 Number at end of year of Eggs/Young (na=not applicable, nr=not recorded)
- column 6 Number at end of year of Adult Males/Adult Females/Adults of unknown gender or without gender, or number of colonies
- column 7 Count Unit: I=Adult numbers represent exact number of individuals. Young and Eggs may be estimated. A=All numbers are approximate. C=Numbers represent exact number of colonies
- column 8 Population Status: M=Maintaining, B=Breeding, D=Declining, N=Newly acquired species. nr=Not recorded, na=Not applicable.

CNIDARIA

Scyphozoa

<i>Cassiopeia</i> sp.	Upside-down Jellyfish	-	nr	nr	-	nr	0/0/5	LD
<i>Aurelia aurita</i>	Moon Jellyfish	142	nr	nr	20	nr	0/0/15	A/M

Anthozoa

<i>Maja</i> sp.	Sea Toad	2	-	2	-	-	-	INA
<i>Alcyonium</i> sp.	Snakelocks Anemone	-	nr	nr	-	nr	0/0/15	A/M
<i>Actinia equina</i>	Beadlet Anemone	43	nr	nr	-	nr	0/0/76	A/M
<i>Actinia fragacea</i>	Strawberry Anemone	18	-	18	-	-	-	INA
<i>Merulium</i> sp.	Plumose Anemone	-	nr	nr	-	nr	0/0/1	A/M
<i>Urticina felina</i>	Dahlia Anemone	24	nr	nr	-	nr	0/0/3	IN
<i>Sichodactyla haddoni</i>	Carpet Anemone	-	-	2	-	-	0/0/2	LD
<i>Heteractis crispata</i>	Sand Anemone	-	nr	1	-	nr	0/0/1	LD
<i>Heteractis</i> sp.	Bubble Anemone	1	nr	-	-	-	0/0/1	IN
<i>Sinularia brassica</i>	Soft Coral	-	2	-	-	nr	0/0/11	C/M
<i>Sarcophyton</i> sp.	Toadstool Soft Coral	2	-	-	-	nr	0/0/2	C/N
<i>Pocillopora damicornis</i>	Hard Coral	1	-	-	-	nr	0/0/2	C/M
<i>Sylophora pillata</i>	Hard Coral	2	-	-	-	nr	0/0/4	C/M
<i>Seriatopora hystrix</i>	Hard Coral	1	-	2	-	-	-	C/NA
<i>Pavona decussata</i>	Hard Coral	-	-	-	-	nr	0/0/1	C/M
<i>Hydnophora</i> sp.	Hard Coral	1	-	-	-	nr	0/0/2	C/M
<i>Caulastrea furcata</i>	Hard Coral	2	-	-	-	nr	0/0/2	C/N
<i>Clavularia violacea</i>	Hard Coral	2	-	-	-	nr	0/0/2	C/N
<i>Fungia</i> sp.	Hard Coral	1	-	-	-	nr	0/0/1	C/N
<i>Euphyllia glabrescens</i>	Hard Coral	1	-	-	-	nr	0/0/1	C/N
<i>Turbinaria reniformis</i>	Hard Coral	1	-	-	-	nr	0/0/1	C/N
<i>Echinopora</i> sp.	Hard Coral	1	-	-	-	nr	0/0/1	C/N
<i>Pramnocora</i>	Hard Coral	1	-	-	-	nr	0/0/1	C/N
<i>Pectinia</i>	Hard Coral	1	-	-	-	nr	0/0/1	C/N
<i>Merulina</i>	Hard Coral	1	-	-	-	nr	0/0/1	C/N
<i>Ricordia florida</i>	Hard Coral	1	3	-	-	nr	0/0/1	C/N
<i>Zoanthus</i> sp.	Soft Coral	2	2	nr	-	nr	0/0/9	C/B
<i>Nephtys</i> sp.	Red Bush Coral	1	-	-	-	nr	0/0/1	C/N
<i>Helichondria panicea</i>	Breadcrumb Sponge	5	-	5	-	-	-	C/NA
<i>Fuaria foliacea</i>	Hornwrack	2	-	2	-	-	-	C/NA
<i>Discosoma</i> sp.	Mushrooms Anemone	-	15	nr	-	nr	0/0/20	IB
<i>Discosoma</i> sp.	Mushroom Anemone	-	20	nr	-	nr	0/0/30	IB
<i>Discosoma</i> sp.	Mushroom Anemone	10	nr	nr	-	nr	0/0/10	IN

ECHINODERMATA

<i>Diadema septatum</i>	Long-spined Sea Urchin	4	-	-	-	nr	0/0/8	LD
<i>Ophiocoma</i> sp.	Brittle Star	8	nr	nr	-	nr	0/0/16	IM
<i>Asteria gibbosa</i>	Cushion Star	-	nr	nr	-	nr	0/0/60	IB

<i>Panorbia</i> sp.	Ramshorn Snail	-	nr	nr	-	nr	0/0/10	IM
<i>Lymnaea</i> sp.	Pond Snail	-	nr	nr	-	nr	0/0/50	IM
<i>Littorina littorea</i>	Periwinkle	64	nr	nr	-	nr	0/0/100	A/M
<i>Patella vulgata</i>	Limpet	8	nr	nr	-	nr	0/0/15	IN

Cephalopoda

<i>Sepia officinalis</i>	Common Cuttlefish	-	-	13	-	-	-	LD
<i>Eledone cirrhosa</i>	Octopus	2	-	2	-	-	-	IN

Bivalvia

<i>Tridacna crocea</i>	Giant Clam	10	-	11	-	-	-	INA
<i>Tridacna derasa</i>	Giant Clam	-	-	-	-	nr	0/0/2	IM
<i>Amblyma plicata</i>	Threeridge Mussel	-	nr	1	-	-	-	INA
<i>Lampisilla cardium</i>	Plain Pocketbook	-	nr	1	-	-	-	INA
<i>Trigonia verrucosa</i>	Pistolgrip Mussel	-	nr	1	-	-	-	INA
<i>Elliptio dilatata</i>	Spike Mussel	-	nr	1	-	-	-	INA
<i>Quadrula quadrata</i>	Mapleleaf Mussel	-	nr	-	-	nr	0/0/1	IM
<i>Mytilus edulis</i>	Coastal Mussel	60	nr	nr	-	nr	0/0/50	IM
<i>Pecten maximus</i>	Great Scallop	-	nr	1	-	-	-	INA

CRUSTACEA

Malacostraca

<i>Birgus latro</i>	Robber Crab	-	-	-	1	-	-	INA
<i>Cancer pagurus</i>	Eddle Crab	1	-	2	-	-	0/0/2	LD
<i>Carcinus maenas</i>	Shore Crab	2	nr	1	-	-	0/0/1	IN
<i>Dardania megistos</i>	Red Hairy Hermit Crab	-	-	1	-	-	0/0/1	IM
<i>Pagurus</i> sp./ <i>Eupagurus</i> sp.	Native Shore Hermit Crab	-	nr	2	-	-	-	INA
<i>Pagurus bernhardus</i>	Land Hermit Crab	21	nr	20	-	nr	0/0/1	IN
<i>Paguristes cadonai</i>	Red-leg Hermit Crab	120	nr	nr	-	nr	0/0/34	A/M
<i>Chibanarius tricolor</i>	Blue-leg Hermit Crab	32	-	8	-	-	0/0/12	IN
<i>Unidentified species</i>	Land/Rainbow Crab	15	-	6	-	-	0/0/9	IN
<i>Homarus gammarus</i>	European Lobster	-	-	-	-	nr	0/0/1	IM
<i>Lysmata rathbunae</i>	Peppermint Shrimp	6	nr	nr	-	-	-	INA
<i>Lysmata debilis</i>	Blood Shrimp	8	-	14	-	nr	0/0/2	LD
<i>Lysmata ambionensis</i>	Cleaner Shrimp	3	nr	nr	-	nr	0/0/1	IM
<i>Lysmata grabhami</i>	Cleaner Shrimp	1	nr	nr	-	nr	0/0/1	IN
<i>Austropotamobius pallipes</i> (VU)	White-clawed Crayfish	-	-	-	-	-	1/1	IM
<i>Cherax destructor</i>	Yabby Crayfish	-	-	2	-	-	-	INA
<i>Liocarcinus puber</i>	Velvet Swimming Crab	2	-	1	-	-	0/0/1	IN
<i>Nephrops norvegicus</i>	Dublin Bay Prawn	4	-	4	-	-	-	INA

ARACHNIDA

Xiphosura

<i>Limulus polyphemus</i>	Horseshoe Crab	2	-	-	-	-	0/0/1	LD
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Araneae

<i>Avicularia avicularia</i>	Pink-toed Bird-eating Spider	-	-	3	-	-	0/1	LD
<i>Avicularia</i> sp.	Bird-eating Spider	-	-	2	-	-	-	INA
<i>Brachypelma auratum</i>	Flame-knee Spider Bird-eating Spider	-	-	-	-	-	0/1	IM
<i>Brachypelma emilia</i>	Red-legged Bird-eating Spider	-	-	-	-	-	0/1	IM
<i>Brachypelma pallidum</i>	Mexican Rose Bird-eating Spider	-	-	1	-	-	0/1	IM
<i>Brachypelma smithi</i>	Red-kneed Bird-eating Spider	-	-	3	10	-	5/38	IM
<i>Brachypelma vagans</i>	Red-rumped Bird-eating Spider	-	-	-	-	-	0/2	IM
<i>Brachypelma bicoloratum</i>	Black-&-orange Bird-eating Spider	-	-	1	-	-	-	INA
<i>Brachypelma klaasi</i>	Pink Furry-leg Bird-eating Spider	-	-	-	-	-	0/1	IM
Unidentified theraphosid species	Theraphosid Spider	-	-	1	-	-	-	INA
Unidentified theraphosid species	Ecuador Velvet Bird-eating Spider	-	-	-	-	-	0/1	IM
<i>Acanthoscurria geniculata</i>	White-kneed Bird-eating Spider	-	-	-	-	-	0/1	IM
<i>Aphonopelma chalcodes</i>	Mexican Blond Bird-eating Spider	-	-	-	-	-	0/1	IM
<i>Pseudoscorpionella apophysis</i>	Pink-toed Goliath Spider	-	-	-	-	-	0/1	IM

<i>Asteris rubens</i>	Common Star	5	-	5	-	-	-	INA
<i>Fomis elegans</i>	Red Starfish	2	-	-	-	nr	0/0/2	IM
<i>Ophioplepis</i> sp.	Serpent Star	22	-	-	-	nr	0/0/22	IN
<i>Littinia laevigata</i>	Blue Finger Starfish	3	-	1	-	nr	0/0/2	IN
<i>Henricia oculata</i>	Bloody Henry Starfish	7	-	7	-	-	-	INA
<i>Crossaster paposus</i>	Common Sunstar	5	-	5	-	-	-	INA
<i>Pseudocolochirus violaceus</i>	Sea Apple	-	nr	nr	-	nr	0/0/2	IM
<i>Paracucumaria</i> sp.	Candy Cucumber	-	-	1	-	nr	0/0/1	LD
<i>Holothuria atra</i>	Black Sea Cucumber	8	-	6	-	nr	0/0/3	LD
<i>Synapta maculata</i>	Spotted Worm Cucumber	1	-	-	-	-	0/0/1	IN

ANNELIDA

Hirudinea

<i>Hirudo medicinalis</i> (RT)	Medicinal Leech	44	-	50	-	nr	0/0/11	LD
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Polychaeta

<i>Sabella pavona</i>	Feather Duster Worm	3	nr	nr	-	-	0/0/3	IN
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MOLLUSCA

Gastropoda

(figures reported for *Partula*, *Samoana*, and *Diplomorpha* species are for the end of the year only)

<i>Berghia verucicornis</i>	Nudibranch	8	nr	nr	10	nr	0/0/35	A/B
<i>Nudibranch</i> sp.	Quazimodo Slug	2	nr	nr	-	nr	0/0/2	IN
<i>Pachnodus fregatensis</i>	Fregate Island Enid Snail	-	nr	nr	-	nr/350	0/0/24	IB
<i>Pomacea pallidosa</i>	Apple Snail	-	nr	nr	-	nr	0/0/150	IB
<i>Achatina achatina</i>	Giant Land Snail	-	nr	nr	2	nr/40	0/0/7	IB
<i>Achatina fulica</i>	Giant Land Snail	-	nr	nr	18	nr	0/0/6	IB
<i>Archachatina marginata</i>	West African Giant Land Snail	-	nr	nr	-	nr	0/0/7	IB
<i>Strophochelus oblongus</i>	Mega Snail	-	-	1	-	-	0/0/1	IM
<i>Partula clara</i> (CR)	Polynesian Tree Snail	-	-	-	-	na/500	0/0/220	IM
<i>Partula dentifera</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/115	0/0/83	IM
<i>Partula fiba</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/97	0/0/78	IM
<i>Partula gibba</i> (CR)	Polynesian Tree Snail	-	-	-	-	na/66	0/0/27	LD
<i>Partula hebe bella</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/1	0/0/9	IM
<i>Partula kyralina</i> (CR)	Polynesian Tree Snail	-	-	-	-	na/7	0/0/5	IM
<i>Partula labrusca</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/8	0/0/5	LD
<i>Partula lineata</i>	Fijian Tree Snail	-	-	-	-	na/102	0/0/107	IB
<i>Partula mirabilis</i>	Polynesian Tree Snail	-	-	-	-	na/1	0/0/3	LD
<i>Partula mirabilis</i> x <i>taeniata</i>	Polynesian Tree Snail hybrid	-	-	-	-	na/43	0/0/52	IM
<i>Partula mooreana</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/7	0/0/7	IM
<i>Partula nodosa</i> (EW)	Polynesian Tree Snail	-	-	-	-	na	0/0/2	IM
<i>Partula otsehitana</i> (CR)	Guam Tree Snail	-	-	-	-	na/18	0/0/8	IM
<i>Partula radicata</i> (CR)	Polynesian Tree Snail	-	-	-	-	na	0/0/2	IM
<i>Partula rosea</i> (CR)	Polynesian Tree Snail	-	-	-	-	na	0/0/2	IM
<i>Partula salsuali strigosa</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/174	0/0/131	IM
<i>Partula salsuali venillum</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/137	0/0/136	IM
<i>Partula salsuali mixed</i> sp.	Polynesian Tree Snail	-	-	-	-	na/6	0/0/4	IM
<i>Partula taeniata nucleola</i> (EW)	Polynesian Tree Snail	-	-	-	-	na	-	IN
<i>Partula taeniata simulans</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/8	0/0/10	IM
<i>Partula tobivana</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/85	0/0/84	IM
<i>Partula tristis</i> (EW)	Polynesian Tree Snail	-	-	-	-	na/71	0/0/64	IB
<i>Partula tuereri</i>	Vanuatu Tree Snail	-	-	-	-	na/2	-	INA
<i>Partula varia</i> (CR)	Polynesian Tree Snail	-	-	-	-	na/72	0/0/50	IM
<i>Partula</i> sp.	Polyn							

		1	2	3	4	5	6	7/8
<i>Archimandrita tessellata</i>	Bullhead Cockroach	-	nr	nr	-	na/150	0/0/50	1/B
Mantodea								
<i>Sphodromantis</i> sp.	African Praying Mantis	3	nr	nr	1	0/1	1/2	1/B
Phasmatodea								
<i>Acrophylla ussiflegi</i>	Queensland Titan Stick Insect	-	nr	nr	-	50/0	-	1/B
<i>Eurycantha calcitrans</i>	Indonesian Spiny Stick Insect	-	nr	nr	43	100/11	1/3	1/B
<i>Extatoroma tarantula</i>	Macleay's Spectre Stick Insect	113	nr	nr	-	100/31	1/0	1/B
<i>Heteropteryx dilatata</i>	Malaysian Jungle Nymph	11	nr	nr	-	100/66	2/2	1/B
<i>Caranaria morosus</i>	Indian Stick Insect	24	nr	nr	-	-	0/40	1/B
<i>Sipyloides sylvus</i>	Pink-wing	-	nr	nr	-	-	-	1/B
Coleoptera								
Unidentified species	South African Large Dung Beetle	-	nr	nr	-	nr	0/0/3	1/D
Unidentified species	Ball-rolling Dung Beetle	10	nr	nr	-	nr	0/0/1	1/N
<i>Scarabaeus</i> sp.	European Dung Beetle	6	nr	nr	nr	nr	0/0/3	1/N
<i>Kheper</i> sp.	Purple African Dung Beetle	20	nr	nr	-	nr	0/0/3	1/N
<i>Poliponipus herculeanus</i> (CR)	Giant Fregate Beetle	-	237	51	20	nr/200	0/0/283	1/B
<i>Anthia sexguttata</i>	Dorino Beetle	-	-	2	-	nr	0/0/1	1/D
<i>Anthia duodecimguttata</i>	Dorino Beetle	4	-	1	-	nr	0/0/3	1/N
<i>Dynastes granii</i>	Grant's Rhinoceros Beetle	4	nr	4	-	-	-	1/NA
<i>Pachnoda</i> sp.	Margined Flower Beetle	30	nr	nr	-	30/0	0/0/3	1/N
<i>Xylotrupes gideon</i>	Sumatran Rhino Beetle	-	nr	nr	-	nr/13	-	1/M
Unidentified species	Chequered Ground Beetle	-	-	5	-	-	-	1/NA
<i>Blaps</i> sp.	Large Desert Beetle	2	nr	nr	-	nr	0/0/1	1/D
<i>Blaps</i> sp.	Desert Beetle	25	nr	nr	-	nr	0/0/25	1/M
<i>Blaps</i> sp.	Small Fitted Desert Beetle	7	nr	nr	-	nr	0/0/1	1/D
<i>Cyrtus laterimarginalis</i>	Diving Beetle	-	nr	nr	-	nr	0/0/2	1/D
Unidentified species	Ground Weevil	10	nr	10	-	-	-	1/NA
Diptera								
<i>Drosophila melanogaster</i>	Fruit Fly	nr	nr	nr	-	nr	0/0/1	CM
<i>Calliphora vomitoria</i>	Bluebottle	nr	nr	nr	-	nr	0/0/1	CM
Lepidoptera								
<i>Heliconius melponene</i>	Postman Butterfly	-	nr	nr	54	-	-	A/NA
<i>Dryas julia</i>	Flambeau Butterfly	65	nr	65	-	-	-	1/NA
<i>Bombyx mori</i>	Silkworm	20	nr	nr	-	300/0	-	A/M
<i>Attacus atlas</i>	Atlas Moth	-	-	6	-	-	-	1/NA
Hymenoptera								
<i>Anaplex compressa</i>	Jewel Wasp	-	nr	nr	-	nr/46	9/4	1/D
<i>Apis mellifera</i>	Honeybee	1	nr	1	-	nr	0/0/1	CM
<i>Atta cephalotes</i>	Leaf-cutting Ant	1	-	1	-	nr	0/0/2	CM
Hemiptera								
<i>Notonecta glauca</i>	Water Boatman	-	nr	nr	-	nr	0/0/10	A/M

Total Invertebrates at 31.12.00: approx.7371 specimens (adults & young); 52 colonies; approx. 174 species

		1	2	3	4	5	6	7
<i>Elaphurus davidianus</i> (CR)	Père David's Deer	35	-	14	-	6	1	9/18/15
<i>Rangifer tarandus</i>	Reindeer (domestic)	4	1(1)	2	-	-	1	2/4
<i>Hydropotes inermis</i>	Chinese Water Deer**	-217	-	-	-	-	-	-259
<i>Giraffa camelopardalis reticulata</i>	Reticulated Giraffe	6	-	1	-	1	2	2/2
<i>Tragelaphus angasi</i>	Nyala	11	-	-	-	1	-	3/7
<i>Tragelaphus spekei</i>	Sitatunga	23	-	14	4	7	-	5/21
<i>Tragelaphus streptoceros</i>	Greater Kudu	8	-	6	6	-	-	2/6
<i>Boselaphus tragocamelus</i>	Nilgai	14	-	-	-	-	-	1/13
<i>Bubalus depressicornis</i> (EN)	Lowland Anoa	3	-	1	-	-	-	3/1
<i>Bos gaurus</i> (VU)	Gaur	2	-	-	-	-	-	1/1
<i>Bos grunniens</i>	Yak (domestic)	29	-	16	8	8	5	7/17
<i>Syncerus caffer nanus</i>	Dwarf Forest Buffalo	4	-	1	-	1	-	0/4
<i>Bison bison bison</i>	American Prairie Bison	3	-	1	-	-	-	2/2
<i>Bison bonasus</i> (EN)	European Bison	8	-	-	-	-	-	1/7
<i>Hippotragus equinus</i>	Roan Antelope	6	-	-	-	-	-	2/4
<i>Hippotragus equinus bakeri</i>	Roan Antelope	1	-	-	-	-	1	-
<i>Kobus ellipsiprymnus</i>	Common Waterbuck	7	-	6	2	-	-	2/9
<i>Kobus megaceros</i>	Nile Lechwe	8	-	4	-	1	-	4/6/1
<i>Oryx gazella gazella</i>	Gemsbok	11	-	-	-	-	2	1/8
<i>Oryx dammah</i> (CR)	Scimitar-horned Oryx	18	-	-	-	-	-	1/17
<i>Antelope cervicapra</i> (VU)	Blackbuck	18	-	7	6	5	1	3/10
<i>Ovis montanus</i>	Musk Ox	1	-	-	-	-	-	0/1
<i>Ovis orientalis mouflon</i> (VU)	Mouflon	1	-	-	-	-	-	0/1
Domestic								
Horse: Shire		1	-	-	-	-	-	1/0
Horse: Cream Pony		2	-	-	-	1	-	1/0
Horse: Welsh Pony (Cream form)		1	-	-	-	-	-	1/0
Donkey		2	-	-	-	-	-	1/1
Pig: Pot-bellied Pig		2	-	-	-	-	-	0/2
Cattle: Belted Galloway		1	-	-	-	-	-	1/0
Cattle: Red Poll		1	-	-	-	-	-	0/1
Sheep: Lincoln Longwool		1	-	-	-	1	-	-
Sheep: Hampshire		10	-	-	-	10	-	-
Sheep: Black-faced		1	-	-	-	1	-	-
Goat: Windsor White		6	9	6	2	9	-	2/8
Goat: Pygmy		5	-	-	-	-	-	0/5
Total: Mammals		1802	27(1)	206	65	121	33	2685

BIRDS

		1	2	3	4	5	6	7
Casuariiformes								
<i>Dromaius novaehollandiae</i>	Emu	10	-	3	1	-	2	7/2/1
Sphenisciformes								
<i>Aptenodytes patagonica</i>	King Penguin	9	-	1	1	3	-	3/3
<i>Eudyptes cristatus cristatus</i>	Rockhopper Penguin	15	-	-	-	-	-	8/5/2
<i>Spheniscus humboldti</i>	Humboldt's Penguin	42	-	3	2	3	8	16/15/1
Ciconiiformes								
<i>Bubulcus ibis</i>	Cattle Egret	-	1(1)	-	-	-	-	0/0/1
<i>Ciconia ciconia ciconia</i>	White Stork	18	-	9	-	1	9	5/9/3
<i>Eudocimus ruber</i>	Scarlet Ibis	12	1	-	-	-	3	4/5/1
<i>Phoenicopterus ruber</i>	Rosy Flamingo	46	-	4	-	2	-	20/20/8
<i>Phoenicopterus ruber roseus</i>	Greater Flamingo	1	-	-	-	-	-	0/0/1

WHIPSADE WILD ANIMAL PARK

MAMMALS

Diprotodontia

<i>Macropus rufogriseus frater</i>	Red-necked (Bennett's) Wallaby**	-600	-	-	-	-	-	-1445
<i>Macropus rufogriseus</i>	White Wallaby	15	-	2	-	4	-	2/9/2
<i>Macropus parma</i>	White-fronted Wallaby	4	-	2	-	-	3	1/1/1

Primates

<i>Lemur catta</i> (VU)	Ring-tailed Lemur	8	7	-	-	1	-	14/0
<i>Varecia variegata variegata</i> (EN)	Black-&-white Ruffed Lemur	2	-	-	-	-	-	1/1
<i>Pithecia pithecia</i>	White-faced Saki Monkey	3	-	1	-	1	-	2/1
<i>Saimiri boliviensis</i>	Black-capped Squirrel Monkey	12	-	5	-	-	-	7/10
<i>Callithrix argentatus argentatus</i>	Silvery Marmoset	5	-	3	-	-	-	4/4
<i>Callimico goeldii</i> (VU)	Goeldi's Monkey	-	3	-	-	-	-	1/2
<i>Leontopithecus chrysomelas</i> (EN)	Golden-headed Lion Tamarin	3	-	-	-	-	-	2/1
<i>Pan troglodytes</i> (EN)	Chimpanzee	8	-	-	-	-	-	5/3

Rodentia

<i>Cynomys hadovicimus</i>	Black-tailed Prairie Dog**	-100	-	-	-	-	-	-50
<i>Dolichotis patagonum</i>	Mara**	-155	-	-	-	-	-	-169
<i>Muscardinus avellanarius</i> (RT)	Common Dormouse	30	1	24	2	9	4	16/23/1

Carnivora

<i>Canis lupus</i>	Grey Wolf	14	-	4	-	3	-	7/8
<i>Ursus arctos</i>	Brown Bear	5	-	-	-	-	-	1/4
<i>Ailuropus fulgens fulgens</i> (EN)	Red Panda	9	1	-	-	-	2	3/5
<i>Hologale parvula</i>	Dwarf Mongoose	5	-	2	1	-	-	2/4
<i>Panthera tigris altaica</i> (CR)	Amur (Siberian) Tiger	4	-	-	-	-	-	2/2
<i>Acinonyx jubatus</i> (VU)	Cheetah	5	1	-	-	1	-	2/3

Pinnipedia

<i>Zalophus californianus</i>	California Sealion	3	-	2	1	-	-	2/2
<i>Phoca vitulina</i>	Common Seal	1	-	-	-	-	-	1/0
<i>Halichoerus grypus</i>	Grey Seal	1	-	-	-	-	-	0/1

Proboscidea

<i>Elephas maximus</i> (EN)	Asian Elephant	4	-	-	-	-	-	1/0
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Perissodactyla

<i>Equus burchelli chapmani</i>	Chapman's Zebra	1	-	-	-	-	-	1/0
<i>Equus grevyi</i> (EN)	Grevy's Zebra	5	1	-	-	-	-	1/5
<i>Equus hemionus onager</i> (EN)	Asiatic Wild Ass	7	-	-	-	-	-	1/6
<i>Equus przewalskii</i> (EW)	Przewalski's Horse	11	2	-	-	-	2	0/11
<i>Rhinoceros unicornis</i> (EN)	Greater One-horned Rhinoceros	4	-	-	-	-	-	1/0
<i>Ceratotherium simum simum</i>	Southern White Rhinoceros	8	-	3	-	-	-	1/10
<i>Diceros bicornis michaeli</i> (CR)	Black Rhinoceros	2	-	-	-	-	-	1/1

Artiodactyla

<i>Hippopotamus amphibius</i>	Hippopotamus	2	-	1	-	-	-	1/2
<i>Hexaprotodon liberiensis</i> (VU)	Pygmy Hippopotamus	4	1	1	-	-	1	2/3
<i>Lama glama</i>	Llama (domestic)	2	-	-	-	-	-	2/0
<i>Lama pacos</i>	Alpaca (domestic)	2	-	-	-	1	-	1/0
<i>Camelus bactrianus</i>	Bactrian Camel (domestic)	15	-	-	-	1	3	2/9
<i>Muntiacus reevesi</i>	Reeves's Muntjac**	-25	-	-	-	-	-	-18
<i>Dama dama</i>	Fallow Deer	35	-	16	4	12	2	7/19/7
<i>Dama dama</i>	Fallow Deer (black form)**	-50	-	-	-	-	-	-75
<i>Axis axis</i>	Axis Deer	55	-	26	11	4	-	24/35/7
<i>Axis porcinus</i>	Hog Deer	34	-	9	6	12	-	14/11
<i>Cervus davaceli</i> (VU)	Barasingha/Swamp Deer	40	-	16	8	14	3	7/24
<i>Cervus nippon</i>	Sika Deer	33	-	10	4	6	-	12/14/7

Anseriformes

<i>Cygnus anser</i>	Black Swan	4	-	-	-	1	-	1/0/2
<i>Cygnus cygnus</i>	Whooper Swan	2	-	-	-	-	-	1/1
<i>Coscoroba coscoroba</i>	Coscoroba Swan	2	-	-	-	-	-	1/1
<i>Anser cygnoides</i> (VU)	Swan Goose	5	4	-	-	1	-	

		1	2	3	4	5	6	7
Charadriiformes								
<i>Haematopus ostralegus</i>	Eurasian Oystercatcher	3	-	-	-	1	-	0/0/2
<i>Burhinus bistriatus</i>	Double-striped Thick-knee	2	-	-	-	-	-	1/1
<i>Himantopus himantopus mexicanus</i>	Black-necked Stilt	2	1	-	-	-	1	1/1
<i>Recurvirostra avosetta</i>	Pied Avocet	3	-	-	-	1	-	0/0/2
Pittaciformes								
<i>Pratincola erithacus erithacus</i>	Grey Parrot	2	-	-	-	-	-	1/1
<i>Agapornis personata</i>	Masked Lovebird	4	-	-	-	-	-	0/0/4
<i>Ara ararauna</i>	Blue-&-yellow Macaw	3	-	-	-	-	-	2/1
<i>Ara macao</i>	Scarlet Macaw	2	-	-	-	-	-	2/0
<i>Ara militaris</i> (VU)	Military Macaw	5	-	-	-	-	-	0/0/5
<i>Myiopsitta monachus</i>	Monk Parakeet	2	-	-	-	-	-	1/1
Strigiformes								
<i>Otus leucotis</i>	White-faced Scops Owl	2	-	-	-	-	-	1/1
<i>Bubo bubo bengalensis</i>	Bengal Eagle Owl	1	-	-	-	-	-	0/1
<i>Nyctea scandiaca</i>	Snowy Owl	1	-	-	-	-	-	1/0
<i>Srix aluco sylvatica</i>	Tawny Owl	5	-	-	-	1	-	1/0/3
<i>Srix aralensis</i>	Ural Owl	1	-	-	-	-	-	1/0
<i>Speotyto cucularis</i>	Burrowing Owl	1	-	-	-	-	-	0/0/1
Coraciiformes								
<i>Dacelo novaeguineae</i>	Kookabura	1	-	-	-	-	-	0/0/1
<i>Tockus erythrorhynchus</i>	Red-billed Hornbill	2	1	3	3	1	-	1/1
Piciformes								
<i>Ramphastos vitellinus citreolaemus</i>	Citron-throated Toucan	1	-	-	-	1	-	-
Passeriformes								
<i>Sporo superbus</i>	Superb Starling	2	1	12	7	4	-	2/1/1
<i>Cyanopica cyana</i>	Azure-winged Magpie	-	4	-	-	-	-	0/4
Total: Birds		567	34(1)	80	21	67	27(2)	550

REPTILES

Testudines								
<i>Testudo hermanni</i>	Hermann's Tortoise	21	-	2	-	-	6	3/11/3
<i>Testudo kleinmanni</i> (EN)	Egyptian Tortoise	10	-	2	-	-	-	7/2/3
<i>Testudo horsfieldi</i> (VU)	Central Asian Tortoise	8	-	6	-	-	-	3/3/8
<i>Chelonia fimbriata</i>	Matamoras	2	-	-	-	-	-	0/0/2
Crocodylia								
<i>Osteoleaemus teoyaspis</i> (VU)	West African Dwarf Crocodile	9	-	-	-	-	4	1/1/3
Sauria								
<i>Phelsuma standingi</i> (VU)	Standing's Day Gecko	2	-	-	-	-	-	1/1
<i>Gecko gecko</i>	Tokay Gecko	2	-	-	-	-	-	1/1
<i>Basiliscus plumifrons</i>	Plumed Basilisk	1	-	-	-	-	1	-
<i>Iguana iguana</i>	Common Iguana	1	1	-	-	-	-	0/2
<i>Ophurus curvirostris</i>	Madagascar Spiny-tailed Iguana	-	3	-	-	-	-	0/0/3
<i>Mabuya perrotetti</i>	Red-sided Skink	2	-	-	-	2	-	-
<i>Gerrhonotus major</i>	Greater Plated Lizard	-	3	-	-	2	-	1/0
<i>Uromastyx hardwickii</i>	Indian Spiny-tailed Lizard	5	-	-	-	3	-	0/0/2
<i>Chamaeleo calyptrata</i>	Yemen Chameleon	14	-	5	-	-	-	0/0/19
<i>Tapsinambis teguixin nigropunctatus</i>	Golden Tegu Lizard	-	2	-	-	-	-	0/2
<i>Varex albicularis</i>	Bosc's Monitor	1	-	-	-	1	-	-

<i>Amphiprion percula</i>	Percula Clownfish	4	-	-	-	-	-	-
<i>Amphiprion clarkii</i>	Clark's Clownfish	2	-	-	-	-	-	-
<i>Amphiprion melanopus</i>	Pacific Fire Clownfish	1	-	-	-	-	-	-
<i>Pomacentrus biaculeatus</i>	Maroon Clownfish	1	-	-	-	-	-	-
<i>Chromis viridis</i>	Blue-green Chromis	20	-	-	-	-	-	-
<i>Valenciennesa strigata</i>	Blue-checked Goby	2	-	-	-	-	-	-
Siluriformes								
<i>Otocinclus affinis</i>	Dwarf Sucker Catfish	2	-	-	-	-	-	-
<i>Plecostomus sp.</i>	Plecostomus Catfish	10	-	-	-	-	-	-
<i>Corydoras aeneus</i>	Bronze Catfish	4	-	-	-	-	-	-
<i>Corydoras paleatus</i>	Peppered Catfish	3	-	-	-	-	-	-

Total Fishes: approx. 803 specimens approx. 34 species

INVERTEBRATES

ARACHNIDA

Araneae		
<i>Brachypelma smithi</i>	Red-kneed Bird-eating Spider	0/1
<i>Grammostola cala</i>	Chile Rose Bird-eating Spider	0/1
<i>Lasiadora paralybana</i>	Brazilian Bird-eating Spider	0/1
<i>Staatona albomaculata</i>	Gambian False Widow Spider	Colony
<i>Pseciotheria regalis</i>	Indian Ornamental Spider	0/7
<i>Pterinochilus sp.</i>	Usamburg Orange Baboon Spider	0/1

Scorpiones

<i>Pandinus imperator</i>	Imperial Scorpion	0/0/3
<i>Opithophthalmus carinatus</i>	Desert Scorpion	0/0/1

MYRIAPODA

Chilopoda		
<i>Scolopendra sp.</i>	Giant Centipede	0/0/1

Diplopoda

<i>Cambala annulata</i>	Giant Millipede	Colony
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Serpentes

<i>Python molurus bivittatus</i>	Burmese Python	1	-	-	-	-	-	0/1
<i>Crotalus unicolor</i> (CR)	Aruba Island Rattlesnake	1	-	-	-	-	-	1/0
Total: Reptiles		80	9	15	-	8	11	85

AMPHIBIANS

Anura

<i>Colostethus trinitatis</i>	Stream Frog	-	10	-	-	3	-	0/0/7
<i>Dendrobates auratus</i>	Green-&-black Poison Frog	34	-	-	-	10	-	0/0/24
<i>Dendrobates azureus</i>	Blue Poison Frog	5	-	-	-	3	-	0/0/2
<i>Dendrobates leucomelas</i>	Yellow-banded Poison Frog	2	-	-	-	1	1	-
<i>Dendrobates truncatus</i>	Yellow-&-black Poison Frog	21	-	-	-	12	5	0/0/4
<i>Ceratophrya cranwellii</i>	Chacoan Horned Frog	1	-	-	-	-	-	1/0

Total: Amphibians 63 10 - - 29 6 38

The numbers given for fishes and invertebrates at Whipsnade represent the numbers held at the end of 2000.

FISHES

Cypriniformes

<i>Barbodes schwanenfeldii</i>	Tinsel Barb	4
<i>Barbus schuberti</i>	Golden Barb	7
<i>Labes bicolor</i>	Red-tailed Black Shark	1
<i>Labes erythrurus</i>	Red-finned Shark	1
<i>Gyrinocheilus aymonieri</i>	Sucking Loach	6

Characiformes

<i>Serrasalmus nattereri</i>	Red-bellied Piranha	18
<i>Cheirodon axelrodi</i>	Cardinal Tetra	15

Cyprinodontiformes

<i>Ameia splendens</i> (EW)	Butterfly Goodeid	-100
<i>Poecilia sp.</i>	Molly	-200
<i>Xiphophorus variatus variatus</i>	Platy	-20
<i>Xiphophorus hellerii</i>	Red Swordtail	-20
<i>Pachypanchax omalonus</i>	Madagascar Killifish	-35

Gasterosteiformes

<i>Hippocampus kuda</i> (VU)	Yellow Seahorse	10
<i>Hippocampus capensis</i> (EN)	Krynsa Seahorse	19

Gymnotiformes

<i>Electrophorus electricus</i>	Electric Eel	1
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Perciformes

<i>Stomatopis sp.</i> (CR)	Barombi Mbo Cichlid	-50
<i>Tilapia sp.</i>	Tilapia	-200
<i>Astronotus ocellatus</i>	Oscar	1
<i>Zebrafish flavescens</i>	Yellow Sailfin Tang	8
<i>Parachanna hepatus</i>	Regal Tang	7
<i>Monodactylus argenteus</i>	Malayan Angel	23
<i>Pterophyllum scalare</i>	Angel Fish	4
<i>Chrysiptera parasema</i>	Yellow-tailed Blue Damselfish	3
<i>Synchiropus splendidus</i>	Mandarin Fish	1

INSECTA

Orthoptera		
<i>Schistocerca gregaria</i>	Desert Locust	Colony
<i>Gryllus bimaculatus</i>	African Field Cricket	Colony
<i>Phollogryllus geerti</i>	Cave Cricket	Colony

Blattodea

<i>Gromphadorhina portentosa</i>	Malagasy Hissing Cockroach	Colony
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Mantodea

<i>Sphodromantis sp.</i>	African Mantis	Colony
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Coleoptera

<i>Pachnodia nactigali</i>	African Sun Beetle	Colony
<i>Blaps sp.</i>	Desert Beetle	0/0/12

Lepidoptera

<i>Heliconia melpomene</i>	Postman Butterfly	Colony
<i>Paraclype berberata</i>	Barberry Carpet Moth	Colony

Hymenoptera

<i>Acromyrmex octospinosus</i>	Leaf-cutter Ants	Colony
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MARINE INVERTEBRATES

<i>Ophiocoma sp.</i>	Brittle Starfish	1
<i>Clibanarius vittatus</i>	Hermit Crab	6
<i>Lysmata amboinensis</i>	Cleaner Shrimp	3
<i>Sabella pavona</i>	Feather Duster Worm	7

Total Invertebrates: approx. 45 specimens; 11 colonies; approx. 24 species

SUMMARY

	1	2	3	4	5	6	7	Number of species (excluding domestic) at 31.12.2000
London Zoo								
Mammals	781	58	527	163	318	173 (1)	712	91
Birds	690	76 (2)	185	57	133	70 (1)	691	133
Reptiles	491	70	127	65	123	69	431	102
Amphibians	124	84	48	-	41	18	197	17
Fishes	3293	572	6228	4667	1709	496	3221	174
Total	5379	860 (2)	7115	4952	2324	826 (2)	5252	517

Domestics: mammals - 15 species; birds - 3 species

Estimated number of invertebrates in the Collection at 31 December 2000:

Invertebrates: approx. 7371 specimens (+ 52 colonies) approx. 174 species

Whipsnade Wild Animal Park

Mammals	1802	27 (1)	206	65	121	33	2685	63
Birds	567	34 (1)	80	21	67	27 (2)	550	78
Reptiles	80	9	15	-	8	11	85	15
Amphibians	63	10	-	-	29	6	38	5
Total	2512	80 (2)	301	86	225	77 (2)	3358	161

Note: births, deaths, arrivals and departures of free-ranging animals at Whipsnade are not recorded.

Domestics: mammals - 5 species

Estimated number of fishes and invertebrates in the Collection at 31 December 2000:

Fishes: approx. 803 specimens 34 species

Invertebrates: approx. 45 specimens (+ 11 colonies; + larvae) 24 species

Grand Total

Zoological Society of London	7891	940	7416	5038	2549	903	8610	623* excl. fishes at Whipsnade
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Grand Total of fishes: approx. 4024 specimens of 194 species*

Grand Total of invertebrates: approx. 7416 specimens (+ 63 colonies) of 183 species*

* The species common to London Zoo and Whipsnade Wild Animal Park are counted as one