

## The Exhibits

- 1. CNHS Webpages**  
*Jonathan Shanklin, Cambridge Natural History Society.* The Cambridge Natural History Society on the Web.
- 2. Pressed Flowers and Fossils**  
*Jonathan Shanklin.* Some collections of pressed flowers, showing how the President began his interest in natural history.
- 3. Mitochondria, microscopic power packs of our every cell**  
*Dr Henry Tribe.* Models introduce the complex molecular system in the mitochondrion, which generates energy, and its machinery of ribosomes and DNA which makes some of these parts.

## Environment and Conservation

- 4. The Wicken Fen Vision (The Next 100 Years)**  
*The National Trust.*
- 5. Research on the East African Lakes**  
*Earthwatch.* Earthwatch volunteers carry out monitoring and basic research on ecosystems in and around the lakes.
- 6. Blake Shield BNA Trust**  
Details of competitions open to young people with an interest in the natural world.
- 7. Shepreth Wildlife Park**  
Shepreth Wildlife Park information and a selection of bugs and reptiles.
- 8. Underwater World**  
*Wildfowl and Wetlands Trust, Welney.* Find out about the amazing water creatures inhabiting the lagoons and ditches at WWT Welney.
- 9. Cambridge Preservation Society**  
*Cambridge Preservation Society.* General/School Information about Cambridge Preservation Society
- 10. Gardening for Butterflies**  
*Julia Napier.* Posters showing butterflies, nectar sources and food plants. Emperor moth caterpillars, leaflets etc.
- 11. Wild Flowers on Magog Down**  
*Magog Trust.* Samples and photographs of local species of the pea family found on Magog Down and local road verges.
- 12. Natural History Diaries**  
*Jonathan Shanklin.* Diaries from the time of the Great War illustrate the interests of a natural historian of 90 years ago.
- 13. Environmental Change in Antarctica**  
*British Antarctic Survey.* The latest news on climate change and the Antarctic ozone hole, together with information on the work of BAS
- 14. Recent Landslips in Dorset**  
*Muriel Arber.* As a result of the exceptionally heavy rainfall of recent months, masses of clay and mud flows have descended on to the beaches of West Dorset. Coastal footpaths have fallen away, and in Lyme Regis itself houses have had to be evacuated.
- 15. The Cropped Walls of Malta**  
*Dr. S M Haslam.*
- 16. Cam Valley Forum - working together to protect and enhance the environment of the River Cam.**  
*Cam Valley Forum.* Pictorial presentation of the Cam and the work which the Cam Valley Forum hopes to undertake.
- 17. Cambridge Garden Watch**  
*Robert Good, Cambridge Group of the Wildlife Trust.* A garden wildlife survey to find out more about the wildlife in Cambridge gardens

**18. Cambridge Sustainable City, The Mayor's Green Year.**  
*Sue Woodsford, Cambridge Environmental Resources Centre.*

**19. Cambridgeshire Environmental Education Service**  
*Sally Tymoczko, Cambridgeshire Environmental Education Service.*  
There will be exhibits and information regarding the courses that CEES offer to schools. Publications will also be available to purchase and a selection of flyers and leaflets can be taken away.

**20. Conservation Priorities e.g. the mountain Gorilla**  
*Ken Richard, Fauna and Flora International.* Conservation Priorities - an example with the mountain gorilla to show what can be done.

**21. Wilbraham River Protection Society**  
*Dr. T.D. Hawkins, Wilbraham River Protection Society.* This exhibit identifies the main causes of decline of the river and its wildlife. It also describes what action has been taken and has yet to be taken to safeguard Wilbraham River, and its dependant flora and fauna, for future generations.

## World of Plants

**22. The Organic Future**  
*Henry Doubleday Research Foundation.* HDRA carries out research into organic farming methods and tries to preserve old varieties of vegetables and fruit.

**23. Lichens as environmental indicators**  
*Pat Wolseley, British Lichen Society.* Use new illustrated keys to identify lichens on twigs and stones, and to find out more about your local environmental conditions.

**24. Carnivorous Plants**  
*Dr. Clarke Brunt.* Plants which trap insects.

**25. Cacti and other succulent plants**  
*Paul Hoxey, British Cactus and Succulent Society.* A display of cacti and other succulent plants from the deserts of the world. This group of plants has evolved to survive long periods without rain by storing water in leaves, roots and stems.

**26. Join the Friends of CU Botanic Garden**  
*Friends of CU Botanic Garden.* Enjoy the benefits that membership of the friends offers, while helping the garden.

**27. The Art of Oshibana**  
*Christine Preston, CU Botanic Garden.* Oshibana is the art of creating pictures and collages using preserved flowers and other plant material. It is practiced in Japan, where it is phenomenally popular. Come and find out more about the processes used to combine human creativity with the beauty of the natural world to make fascinating artistic effects.

**28. Plants in their element: colonisation of a new environment**  
*Dr Henry Tribe.* Disused railway systems present habitats available for colonisation by wild and garden plants.



**Would you like to exhibit next year? – If so then please sign the visitors book and indicate that you would like details of next year's event. Information about Conversazione 2002 will be sent out by Christmas.**

## Creatures Great and Small

- 29. The Honey Bee and Products from the Hive**  
*Cambridgeshire Beekeepers Association.* Live honeybees in an observation hive, examples of honeycomb building, beekeeping books and hive products.
- 30. Protecting the County's Bats**  
*Cambridgeshire Bat Group.* Display boards showing mainly photos of bats, bat habitat and the work of the group. Leaflets on bats and the bat group.
- 31. An extreme example of a winter-adapted scuttle fly**  
*Dr Mikhail Mostovski and Dr Henry Disney, Zoology Department.*
- 32. The Mara**  
*Sheila Pankhurst, Anglia Polytechnic University.* Natural history of the ground living rodent, the Mara (*Dochotis patagonum*).
- 33. Albatross and electronic nest**  
*Dirk Briggs, British Antarctic Survey.* A black-browed albatross, with electronic data gathering tags, and a chick on an electronic weight-logging nest.
- 34. Breaching White Sharks.**  
*Patrick Doy, Anglia Polytechnic University Student.* Come and look at the "flying" sharks
- 35. Family tree for termites of the genus *Odontotermes***  
*Jo Darlington, University of Cambridge.* We have been using mitochondrial DNA sequences to unravel the relationship between species in this taxonomically difficult genus of fungus-growing termites.
- 36. Otters in the Anglia Region**  
*Julia Harris, Anglia Polytechnic University Student.* Report on the current status of otters in Anglia and methods to conserve them.

- 37. Small-Life**  
*Dorothy Floyd, Small Life Supplies.* Stick insects, cages, books, posters, caterpillar kits.
- 38. Snails!**  
*Karen Bowe, Barton C.E. Primary School.* We have been observing snails closely, learning about their basic needs, their appearance, habitat, food and life cycle. Our exhibit will describe our observations and findings.
- 39. The Cambridgeshire Badger and Otter Group and its work**  
*Peter Pilbeam, Cambridgeshire Badger and Otter Group.* Display boards and a model badger sett to show the work of the group.

## All Around the World

- 40. Mokolodi Nature Reserve**  
*Cecilia Eldridge.* A summary of my dissertation 'Effects of flooding on the Ecology of MNR' and a summary of my work experience including 'Stinky' the crocodile.
- 41. Nature in Cambridgeshire**  
Cambridgeshire's local natural history journal.
- 42. Conservation in the Cambridge Green Belt**  
*Sharon Hearle, Cambridge Green Belt Project.* Display boards with photographs about volunteer conservation opportunities in Cambridge Green Belt. Display of mammal remains collected during conservation tasks by 9 year old Sam Kouzarides.

**43. University Board of Continuing Education**

*Dr. Lynne Harrison, University of Cambridge.* Information about 'Discover Science', an opportunity to learn about scientific subjects whether for the first time, or to update your knowledge - it's never too late.

**44. Mikumi National Park, Tanzania**

*Guy Norton and Dawn Hawkins, Anglia Polytechnic University.* The work of the research and conservation unit at Mikumi National Park, Tanzania.

**45. Life Sciences at Anglia Polytechnic University**

*Anglia Polytechnic University.* Details of degrees in Life Sciences available at Anglia Polytechnic University

**46. Antarctic Science in the Global Context**

*British Antarctic Survey.* Posters illustrating some aspects of the new BAS science programme.

*Eugene Murphy.* Big biology and big physics – how do krill get to South Georgia.

*Lloyd Peck.* Avoiding the freeze – rapid cold hardening in Antarctic arthropods.

*Phil Leat.* Exotic crustal fragments on the Pacific margin of Gondwana

*John Shears.* Protecting Antarctica – The removal of abandoned British stations.

*Eric Wolff.* 20th Century ice shelf retreat in the Antarctic Peninsula – Unique or cyclic?

*John Croxall.* Albatross foraging ecology and habitat use.

**47. Antarctic Volcanoes**

*John Smellie, British Antarctic Survey.* Construction of island arc volcanoes in the South Sandwich Islands.

**48. Observing Comets**

*Jonathan Shanklin, British Astronomical Association.* Comets are fascinating relics from the birth of the solar system. Later this year two comets may become bright enough to be visible in binoculars, or just possibly with the naked eye.

**49. Desmid algae of the genus *Closterium* in waters near Cambridge**

*Hilary Belcher.*

**50. Fossils I have known**

*Gwynne Morris, Anglia Polytechnic University.* A display of some of my favourite fossils.

## Artists

**51. Environmental Art**

*Rosemary Wild MSc.* Photos of paintings from East Tropical Bolivia: its environment and wildlife.

**Don't forget to sign the visitors book as you leave**

## The Menagerie

- 52. St. Ivo Entomology and Natural History Society (Saturday Only)**  
*St Ivo School.* An assortment of small animals from all over the world.
- 53. Madingley Toad Rescue**  
*William Seale.* Work done by Wildlife Trust volunteers who are helping to look after and monitor one of the largest recorded common toad breeding colonies in the country.

## Museums, Mysteries and Others

- 54. Friends of the Sedgewick Museum**  
*Mike Dorling, Sedgewick Museum.* The stand introduces this new organisation, its programme and invites new members.
- 55. Sedgewick Museum Gallery Redevelopment Project**  
*Mike Dorling, Sedgewick Museum.* A taster for major new displays opening early summer 2002.
- 56. More Exploratorium Treasures**  
*Fred Allen, Cambridge Exploratorium.* Microscope lights, using the bright LED, the biological plane table and rangefinder LED.
- 57. Fascinating Fungi**  
*Helene Davies, Melbourn Mushroom Club.* An exhibit of mounted photos, fresh fungal specimens and dried material.
- 58. Darwin Correspondence Project**  
*Cambridge University Library.* The project exists to publish all the surviving letters to and from Charles Darwin (1809-1882). Darwin, in *Origin of Species* (1859), formulated a theory of natural selection that changed our understanding of the relationships among living things. This summer the twelfth volume of the Correspondence, for the year 1864, will appear. The project continues to prepare for publication of the 9,000 or so letters from the years 1865-1882.

- 59. Henslow teaches Darwin Botany**  
*Anne Stow and Max Walters.* A theme from a new book, due for publication in September, entitled "Darwin's mentor: John Stevens Henslow, 1796-1861".
- 60. The Whorld of Fingerprints**  
*Forensic Science, Anglia Polytechnic University.* A display about fingerprints and a chance to have yours taken.
- 61. Toys and the Micro-world**  
*Toby Carter and Philip Pugh, Anglia Polytechnic University.*
- 62. Observing comets**  
*Jonathan Shanklin, British Astronomical Association.* Comets are fascinating relics from the birth of the solar system. Later this year two comets may become bright enough to be visible in binoculars, or just possibly with the naked eye.
- 63. Drift scanning with the Carlsberg Meridian Telescope on La Palma**  
*Dafydd Evans, Institute of Astronomy.*
- 64. Science with the Isaac Newton Telescope Wide Field Survey**  
*Simon Hodgkin, Institute of Astronomy.*
- 65. Can you see yourself?**  
Pictures from previous Conversazioni.
- 66. The Zoology Museum**  
Come and visit us during the Conversazione.
- 67. The vegetation and historical flora of Kingston Wood**  
Peter J. Reynolds
- 68. Insects etc**  
Roger Northfield, Department of Zoology
- 69. Homerton College First Year Biology Investigations**  
Several Projects from Homerton College
- 70. Cenozoic transient uplift in the NE Atlantic**  
Stephen Jones, Department of Earth Sciences.

