

## Shorebird-related sites on the World Wide Web

ROBIN M. WARD

Department of Biological Sciences, University of Durham, South Road, Durham DH1 3LE, UK,  
e-mail: R.M.Ward@durham.ac.uk

Over the past decade, the World Wide Web has become an easily accessible resource of information on people, organisations, subjects and products. Thanks particularly to the work of Rene Navarro, the Wader Study Group has been added to this resource with the relaunch earlier this year of its own Web-site hosted by the Avian Demography Unit, University of Cape Town, South Africa ([www.waderstudygroup.org](http://www.waderstudygroup.org)).

A few hours surfing the Internet in June 2001 produced the following list of web-sites that provide information likely to be of interest to Wader Study Group members. The list is not intended to be complete on any one subject, but through links in the documented sites others can readily be identified and accessed. Readers are asked to notify the author of other particularly valuable shorebird web-sites so that updated lists can be published in future.

### WADER STUDY GROUPS

Organisation/Site	Address	Comments
International Wader Study Group	<a href="http://www.waderstudygroup.org">www.waderstudygroup.org</a>	
Australasian Wader Studies Group (AWSG)	<a href="http://www.tasweb.com.au/awsg/index">www.tasweb.com.au/awsg/index</a>	The Tattler, the newsletter of the AWSG, is posted on this site, and also abstracts from <i>The Stilt</i> , the journal of the AWSG.
Groups associated with AWSG	<a href="http://www.tasweb.com.au/awsg/index.htm">www.tasweb.com.au/awsg/index.htm</a>	Contact details of Wader Study Groups in the East-Asian Australasian Flyway
Victorian Wader Study Group	<a href="http://home.vicnet.net.au/~vwsg/welcome.htm">http://home.vicnet.net.au/~vwsg/welcome.htm</a>	Australian State WSG

### OTHER SHOREBIRD CONSERVATION/RESEARCH ORGANISATIONS/PROGRAMMES

Organisation/Site	Address	Comments
Piping Plover recovery program	<a href="http://plover.fws.gov/">http://plover.fws.gov/</a>	
Pan American Shorebird Program (PASP)	<a href="http://www.mb.ec.gc.ca/nature/migratorybirds/pasp/index.en.html">www.mb.ec.gc.ca/nature/migratorybirds/pasp/index.en.html</a>	
The International Shorebird Surveys	<a href="http://www.im.nbs.gov/iss/iss.html">www.im.nbs.gov/iss/iss.html</a>	
U.S. Shorebird Conservation Plan	<a href="http://www.manomet.org/USSCP.htm">www.manomet.org/USSCP.htm</a>	
Western Hemisphere Shorebird Reserve Network (WHSRN)	<a href="http://www.pnr-rpn.ec.gc.ca/nature/whp/whsrn/df01s00.en.html">www.pnr-rpn.ec.gc.ca/nature/whp/whsrn/df01s00.en.html</a> <a href="http://www.manomet.org/WHSRN.htm">www.manomet.org/WHSRN.htm</a>	
Western Atlantic Shorebird Association	<a href="http://www.vex.net/~hopscotc/shorebirds/">www.vex.net/~hopscotc/shorebirds/</a>	Site provides for colour band and count data to be input
New Jersey Nongame and Endangered Species Program	<a href="http://www.state.nj.us/dep/fgw/ensp/delbay2001/index.htm">www.state.nj.us/dep/fgw/ensp/delbay2001/index.htm</a>	Red knot research from Tierra del Fuego to the Canadian Arctic
Arctic Birds Breeding Conditions Survey	<a href="http://www.arcticbirds.ru/">http://www.arcticbirds.ru/</a>	Breeding success, rodent abundance, weather conditions



**DIRECTORIES TO BIRD-RELATED SITES**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
Bird Links to the World (Bird Studies Canada)	<a href="http://www.bsc-eoc.org/links/">www.bsc-eoc.org/links/</a>	over 2000 links to bird sites (incl. scientific), a great place to start.
Internet Flyway	<a href="http://www.orientalbirdclub.org/flyway/">www.orientalbirdclub.org/flyway/</a>	Where to find birders and birds – worldwide

**RINGING RELATED SITES**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
The Australian Bird and Bat Banding Scheme	<a href="http://www.environment.gov.au/bg/abbbs/index.htm">www.environment.gov.au/bg/abbbs/index.htm</a>	
AWSG Wader Flagging Program	<a href="http://www.tasweb.com.au/awsg/index.htm">http://www.tasweb.com.au/awsg/index.htm</a>	Site for the East-Asian Australasian Flyway
US Bird Banding Laboratory	<a href="http://www.pwrc.usgs.gov/bbl/">www.pwrc.usgs.gov/bbl/</a>	The North American bird banding program
European Ringing & Migration Studies	<a href="http://fly.to/erms">http://fly.to/erms</a>	Includes links to European ringing schemes and other related sites
European colour-ring birding	<a href="http://www.ping.be/cr-birding/cr-birding.htm">www.ping.be/cr-birding/cr-birding.htm</a>	Details provided on 122 colour-ringed projects for 31 wader species. A list of colour-ring suppliers given.
British Trust for Ornithology	<a href="http://www.bto.org/">www.bto.org/</a>	U.K. ringing scheme
EURING (the European Union for Bird Ringing)	<a href="http://www.euring.org">www.euring.org</a>	
EURING Conference on the results and perspectives of bird ringing Oct. 1999	<a href="http://home.t-online.de/home/O.Hueppop-IFV/abstract.htm#symp1">http://home.t-online.de/home/O.Hueppop-IFV/abstract.htm#symp1</a>	The abstracts of 73 oral & 54 posters presentations.
Pan American Shorebird Program (PASP)	<a href="http://www.mb.ec.gc.ca/nature/migratorybirds/pasp/index.en.html">www.mb.ec.gc.ca/nature/migratorybirds/pasp/index.en.html</a> <a href="http://www.pwrc.usgs.gov/bbl/homepage/paspflag.htm">www.pwrc.usgs.gov/bbl/homepage/paspflag.htm</a>	Details on the shorebird flagging program in the Americas
Wetlands International (Australia) – Shorebird Migration	<a href="http://www.protoavis.com.au/wetlands/">www.protoavis.com.au/wetlands/</a>	Details on the shorebird flagging program in the East-Asian Australasian Flyway
SAFRING	<a href="http://www.uct.ac.za/depts/stats/adu/p_safr1.htm">www.uct.ac.za/depts/stats/adu/p_safr1.htm</a>	South African Bird Ringing Unit

**ORNITHOLOGICAL LITERATURE**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
Recent Ornithological Literature	<a href="http://www.nmnh.si.edu/BIRDNET/ROL/">www.nmnh.si.edu/BIRDNET/ROL/</a>	a serial compilation of citations and abstracts from the world wide scientific literature that pertain to birds and the science of ornithology.
Ornithological and Related Periodicals	<a href="http://www.nmnh.si.edu/BIRDNET/period.html">www.nmnh.si.edu/BIRDNET/period.html</a>	A list with links to ornithological and related periodicals
Shorebird publications by CWE researchers	<a href="http://www.sfu.ca/biology/wildberg/shbdpubs.html">www.sfu.ca/biology/wildberg/shbdpubs.html</a>	Chair of Wildlife Ecology (CWE): A collaboration by the Canadian Wildlife Service



**ORNITHOLOGICAL LITERATURE cont.**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
The Working Group on International Waderbird and Wetland Research (WIWO)	<a href="http://www.wiwo-international.org/">www.wiwo-international.org/</a>	(CWS), the Natural Science and Engineering Research Council of Canada (NSERC) and Simon Fraser University WIWO-reports published – details on all 72 plus ordering information

**WETLANDS INTERNATIONAL**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
Home page	<a href="http://www.wetlands.org/default.htm">www.wetlands.org/default.htm</a>	Wetlands International is the leading non-profit organisation dedicated solely to the crucial work of wetland conservation and sustainable management.
Africa, Europe, Middle East	<a href="http://www.wetlands.agro.nl/">www.wetlands.agro.nl/</a>	
Asia Pacific	<a href="http://www.wetlands.org/ap">www.wetlands.org/ap</a>	
Americas	<a href="http://www.wetlands.org/AmNotice.htm">www.wetlands.org/AmNotice.htm</a>	

**OTHER INTERNATIONAL SHOREBIRD-RELATED ORGANISATIONS/PROGRAMMES**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
African-Eurasian Waterbird Agreement	<a href="http://www.unep-cmc.org/AEWA/eng/intro.htm">www.unep-cmc.org/AEWA/eng/intro.htm</a>	An international agreement aiming at the conservation of migratory birds.
Arctic Monitoring and Assessment Programme	<a href="http://www.amap.no/pd2000.htm">www.amap.no/pd2000.htm</a>	An overview of “who is doing what” in Arctic research and monitoring.
Birdlife International	<a href="http://www.wing-wbsj.or.jp/birdlife/">www.wing-wbsj.or.jp/birdlife/</a>	A global alliance of national conservation organisations working in more than 100 countries worldwide
The Convention on the Conservation of Migratory Species of Wild Animals	<a href="http://www.wcmc.org.uk/cms/">www.wcmc.org.uk/cms/</a>	Also known as CMS or the Bonn Convention
BIRDNET	<a href="http://www.nmnh.si.edu/BIRDNET/index.html">www.nmnh.si.edu/BIRDNET/index.html</a>	The site is a service of the Ornithological Council, a public information organization involving ten North American professional ornithological societies
The Ramsar Convention on Wetlands	<a href="http://www.ramsar.org/">www.ramsar.org/</a>	The Convention on Wetlands, signed in Ramsar, Iran, in 1971, is an intergovernmental treaty which provides the framework for national action and international cooperation for the conservation and wise use of wetlands and their resources.



**OTHER INTERNATIONAL SHOREBIRD-RELATED ORGANISATIONS/PROGRAMMES cont.**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
UNEP World Conservation Monitoring Centre	<a href="http://www.unep-wcmc.org/index.html">www.unep-wcmc.org/index.html</a>	The UNEP–WCMC provides information for policy and action to conserve the living world.
The Working Group on International Waderbird and Wetland Research (WIWO)	<a href="http://www.wiwo-international.org/">www.wiwo-international.org/</a>	Includes details on all 72 WIWO-reports, plus ordering information
World Conservation Union	<a href="http://www.iucn.org/">www.iucn.org/</a>	
WWF International	<a href="http://www.panda.org/">www.panda.org/</a>	Worldwide Fund for Nature

**ORNITHOLOGICAL MUSEUMS AND COLLECTIONS**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
Natural History Museum Bird Group at Tring	<a href="http://www.nhm.ac.uk/zoology/tring/birdgroup.html">www.nhm.ac.uk/zoology/tring/birdgroup.html</a>	
The British Library National Sound Archive wildlife section	<a href="http://www.bl.uk/collections/sound-archive/wild.html">www.bl.uk/collections/sound-archive/wild.html</a>	
Bird Links to the World (Scientific page)	<a href="http://www.bsc-eoc.org/links/links8.html#science">www.bsc-eoc.org/links/links8.html#science</a>	Links to Museums worldwide

**OTHER ORNITHOLOGICAL RESEARCH AND MONITORING ORGANISATIONS**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
Avian Demography Unit, University of Cape Town	<a href="http://www.aviandemographyunit.org">www.aviandemographyunit.org</a>	
British Trust for Ornithology	<a href="http://www.bto.org/">www.bto.org/</a>	
Chair in Wildlife Ecology	<a href="http://www.sfu.ca/biology/wildberg/whatscwe.html">http://www.sfu.ca/biology/wildberg/whatscwe.html</a>	The Canadian Wildlife Service, Natural Science and Engineering Research Council of Canada and Simon Fraser University working in partnership
Institute for Bird Populations	<a href="http://www.birdpop.org">www.birdpop.org</a>	
National Audubon Society	<a href="http://www.audubon.org/">www.audubon.org/</a>	
Netherlands Institute for Sea Research	<a href="http://www.nioz.nl/">http://www.nioz.nl/</a>	
Patuxent Wildlife Research Center, U.S. Geological Survey – Biological Resources	<a href="http://www.pwrc.usgs.gov/default.htm">www.pwrc.usgs.gov/default.htm</a>	
The Royal Society for the Protection of Birds	<a href="http://www.rspb.org.uk">www.rspb.org.uk</a>	
Wildfowl & Wetlands Trust	<a href="http://www.wwt.org.uk/">www.wwt.org.uk/</a>	

**BIRD CHECKLISTS**

<b>Organisation/Site</b>	<b>Address</b>	<b>Comments</b>
Bird Families of the World – The Sibley and Monroe Classification	<a href="http://www-stat.wharton.upenn.edu/~siler/birdframe.html">www-stat.wharton.upenn.edu/~siler/birdframe.html</a>	



**BIRD CHECKLISTS cont.**

Organisation/Site	Address	Comments
Bird Links to the World	<a href="http://www.bsc-eoc.org/links/index.html">http://www.bsc-eoc.org/links/index.html</a>	Links to several bird checklists

**DIRECTORY OF BIOTELEMETRY EQUIPMENT MANUFACTURERS**

Organisation/Site	Address	Comments
Directory of Biotelemetry Equipment Manufacturers	<a href="http://www.biotelem.org/manufact.htm">www.biotelem.org/manufact.htm</a>	Links to manufacturers' web pages

**REQUEST FOR VOLUNTEERS**

Organisation/Site	Address	Comments
Opportunities for Birders directory	<a href="http://americanbirding.org/oppo/">http://americanbirding.org/oppo/</a>	short- and long-term opportunities for volunteers worldwide

**OTHER SHOREBIRD-RELATED SITES**

Organisation/Site	Address	Comments
Arctic Bird Library	<a href="http://www.unep-wcmc.org/arctic/data/birds/birds.htm">www.unep-wcmc.org/arctic/data/birds/birds.htm</a>	A list of 125 waterbird species (42 shorebirds) that breed in the Arctic region, as defined by CAFF. The list contains updated information on the habitat, conservation status, population size and distribution of 66 species. For 23 species, range maps taken from the UNEP-WCMC Biodiversity Map Library are also available.
Eskimo Curlew	<a href="http://www.npwrc.usgs.gov/resource/othrdata/curlew/curlew.htm">www.npwrc.usgs.gov/resource/othrdata/curlew/curlew.htm</a>	
Gallinago@web	<a href="http://homepage1.nifty.com/gallinago/gallinago.html">http://homepage1.nifty.com/gallinago/gallinago.html</a>	
Jacanas	<a href="http://www.jacana.demon.co.uk/jacana/jac0.htm">www.jacana.demon.co.uk/jacana/jac0.htm</a>	Information and bibliography on Jacanas
International Shorebird Gallery	<a href="http://pw1.netcom.com/~djhoff/sbimage.html">http://pw1.netcom.com/~djhoff/sbimage.html</a>	
Shorebird Photo Quiz	<a href="http://www.geocities.com/Yosemite/4413/sb_quiz.html">www.geocities.com/Yosemite/4413/sb_quiz.html</a>	
Shorebird Gallery	<a href="http://www.virtualbirder.com/vbirder/onLoc/onLocDirs/CAPECOD/gallery/index.html">www.virtualbirder.com/vbirder/onLoc/onLocDirs/CAPECOD/gallery/index.html</a>	
Stint Fan	<a href="http://homepage2.nifty.com/stints/StintFan.html">http://homepage2.nifty.com/stints/StintFan.html</a>	
The Shorebird Watcher	<a href="http://pw1.netcom.com/~djhoff/shorebrd.html">http://pw1.netcom.com/~djhoff/shorebrd.html</a>	

**TIDE TABLES**

Organisation/Site	Address	Comments
WWW Tide and Current Predictor	<a href="http://tbone.biol.sc.edu/tide/tideshow.cgi">http://tbone.biol.sc.edu/tide/tideshow.cgi</a>	European tidal information not available at present

