



# CONVENTION ON MIGRATORY SPECIES

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18<sup>th</sup> MEETING OF THE SCIENTIFIC COUNCIL  
Bonn, Germany, 1-3 July 2014  
Agenda Item 14

## NOMINATIONS FOR THE APPOINTED COUNCILLORS FOR AQUATIC MAMMALS AND BIRDS

### Summary

The Conference-Appointed Councillor for Aquatic Mammals, William Perrin, and the Conference-Appointed Councillor for Birds, Leon Bennun, have informed the Secretariat that they will not be in a position to continue serving as COP-appointed Councillors for the next term (2015-2017).

The Secretariat has therefore sought nominations for candidates to be appointed for those positions. Three nominations were received for Aquatic Mammals and two for Birds. Details are contained in this document.

Candidatures are expected to be reviewed and discussed in the taxonomic working groups concerned, which would then seek the endorsement of the Scientific Council in order to forward their recommendations to COP11 for decision.

## **NOMINATIONS FOR THE APPOINTED COUNCILLORS FOR AQUATIC MAMMALS AND BIRDS**

1. The Conference-Appointed Councillor for Aquatic Mammals, William Perrin, and the Conference-Appointed Councillor for Birds, Leon Bennun, have informed the Secretariat that they will not be in a position to continue serving as COP-appointed councillors for the next term (2015-2017).
2. In the assumption that the 11<sup>th</sup> Meeting of the Conference of the Parties (COP11) will acknowledge the continued need of appointed councillors for these taxonomic groups, the Secretariat has therefore sought nominations for candidates to be appointed for those positions.
3. In early May 2014, a call for nominations went out to all Members of the Scientific Council, as well as the external experts associated with the working groups concerned. It was also brought to the attention of relevant scientific bodies.
4. Terms of reference for Conference-appointed Councillors were included in the mailing (attached as Annex III), and instructions given for nominating candidates, which should include a brief statement justifying the candidature, a CV of the candidate, as well as a declaration by the candidate expressing readiness to accept the appointment if selected. Nominations were accepted until 8 June 2014.
5. Candidatures are expected to be reviewed and discussed in the taxonomic working groups concerned, which would then seek the endorsement of the Scientific Council in order to forward their recommendations to COP11 for decision.

## Summary of Nominations for the Conference-Appointed Councillor for Aquatic Mammals

For Aquatic Mammals, three names were submitted to the Secretariat. With a view to facilitating a comparative review of the candidatures by the working groups, a short overview of the candidates is provided in Table 1, in alphabetical order by last name. The table was compiled by the Secretariat, and reflects its interpretation of the candidates' CVs. It has not been reviewed or approved by the candidates. The full submissions, each including the nomination letter, the CV and the declaration of the candidate, are included as Annex 1.

Name	Qualifications	Affiliation	Key Relevant Experience	Key International Policy Experience
Ellen Hines	PhD in Geography	San Francisco State University, USA University of Victoria, Canada	<ul style="list-style-type: none"> <li>• Extensive research and teaching experience</li> <li>• Research mainly on cetaceans and sirenians</li> <li>• Emphasis on habitat use, abundance, monitoring techniques, community-based conservation</li> <li>• Main regional focus: South and South East Asia, Caribbean; local and regional perspectives</li> <li>• Member, IUCN SSC Sirenian Specialist Group</li> <li>• Member, Joint IUCN WCPA/SSC Task Force on Marine Mammal Protected Areas</li> </ul>	<ul style="list-style-type: none"> <li>• Appointed Expert to the Pool of Experts, United Nations World Ocean Assessment (Marine Mammals)</li> <li>• External Expert to the CMS ScC AMWG</li> </ul>
Giuseppe Notarbartolo di Sciarra	PhD in Marine Biology	Tethys Research Institute University of Milan, Italy	<ul style="list-style-type: none"> <li>• Extensive research and policy experience</li> <li>• Research mainly on cetaceans and rays</li> <li>• Emphasis on ecosystem- and habitat-based conservation, impacts and mitigation of threats, morphology</li> <li>• Main regional focus: Mediterranean; local, regional and global perspectives</li> <li>• Deputy Chair, IUCN SSC Cetacean Specialist Group</li> <li>• Member, IUCN SSC Shark Specialist Group</li> <li>• Co-Chair, Joint IUCN WCPA/SSC Task Force on Marine Mammal Protected Areas</li> <li>• Coordinator, CIESM Task Force on Marine Mammals</li> </ul>	<ul style="list-style-type: none"> <li>• Regional Coordinator, IUCN World Commission on Protected Areas – Marine</li> <li>• Chair, Scientific Committee ACCOBAMS (2002-2010)</li> <li>• Commissioner/Alternate Commissioner for Italy, International Whaling Commission (IWC) (1999-2003)</li> <li>• External Expert to the CMS ScC AMWG</li> </ul>

Brian Smith	MSc in Natural Resource Management	Wildlife Conservation Society	<ul style="list-style-type: none"> <li>• Extensive field research and training experience</li> <li>• Research on cetaceans, freshwater and marine</li> <li>• Emphasis on population assessments, impacts and mitigation of threats, community-based conservation</li> <li>• Main regional focus: South and South East Asia; local and regional perspectives</li> <li>• Member, IUCN SSC Cetacean Specialist Group</li> <li>• Member, Joint IUCN WCPA/SSC Task Force on Marine Mammal Protected Area</li> </ul>	<ul style="list-style-type: none"> <li>• Member, IWC Climate Change Working Group</li> <li>• Advisor/Working group member for IWC, U.S. Marine Mammal Commission, WWF, CI and UNESCO World Heritage Committee</li> <li>• External Expert to the CMS ScC AMWG</li> </ul>
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**Table 1: Nominations for the Conference-Appointed Councillor for Aquatic Mammals**

## Nominations for the Conference-Appointed Councillor for Birds

For Birds, two candidates were nominated. Table 2 gives an overview in alphabetical order by last name, and the nomination letters, CVs and declarations can be found in Annex 2.

Name	Qualifications	Affiliation	Key Relevant Experience	International Policy Experience
Robert Clay	PhD in Zoology	BirdLife International	<ul style="list-style-type: none"> <li>• Extensive research and policy experience</li> <li>• Main regional focus: Latin America</li> <li>• Member of IUCN SSC, including the Threatened Waterfowl, Flamingo and Heron Specialist Groups</li> <li>• Member of the Cracid Specialist Group</li> </ul>	<ul style="list-style-type: none"> <li>• Member of CMS Flyways Working Group (2013 – present)</li> <li>• CMS Scientific Councillor for Paraguay (2014 onwards)</li> <li>• Chair of the Council for Waterbird Conservation in the Americas (2011 – present)</li> <li>• Regional (Americas) representative for BirdLife International to CMS (1999-2005) and the Ramsar Convention (2005-2006)</li> <li>• Member of IUCN Species Survival Commission</li> </ul>
Stephen Garnett	PhD	Charles Darwin University, Australia	<ul style="list-style-type: none"> <li>• Extensive research and teaching experience</li> <li>• Extensive experience in the application of conservation criteria</li> <li>• Global network of professional contacts</li> <li>• Main regional focus: Australia, Oceania and Southeast Asia</li> <li>• Board member, WWF Australia</li> <li>• Committee member of several BirdLife Australia committees</li> </ul>	<ul style="list-style-type: none"> <li>• Representative of BirdLife Australia at the first meeting of parties to the China Australia Migratory Bird Agreement in 1990</li> <li>• Coordinator, committee for applying the IUCN Red List Guidelines to Australian birds and preparing proposals for adoption by the IUCN and the Australian government</li> <li>• Advisor to the Australian Government on species to include on bilateral migratory bird agreements with neighbouring countries</li> </ul>

**Table 2: Nominations for the Conference-Appointed Councillor for Birds**

## Annex I

### Full Submissions of Nominations for the Conference-Appointed Councillor for Aquatic Mammals

#### Candidate: Ellen Hines

##### A. Cover Letter:

Dear Marco and Heidi,

Please accept this as my nomination for Ellen Hines as the councillor for aquatic mammals. I attach Ellen's acceptance declaration, her CV and her provided statement of justification.

With Regards  
Dr Lindsay Porter  
Senior Research Scientist  
SMRU (Hong Kong)

Please find below a statement justifying the candidature for the Conference-appointed councillor for aquatic mammals:

*My research addresses population and community ecology of threatened and endangered species as related to local conservation efforts and regional scale coastal and marine management science. The emphasis is on the evolution of consistent standards of field methodology and monitoring techniques, and on the creation of educational materials that can be applied to community-based conservation planning.*

Ellen Hines

##### B. Declaration

See next pages

##### C. Curriculum Vitae

See next pages



DEPARTMENT OF  
GEOGRAPHY & ENVIRONMENT

1600 Holloway Avenue  
San Francisco, CA 94132

415.338.2049 T / 415.338.6243 F

May 18, 2014

Re: nomination for Conference-appointed councillor for aquatic mammals

Dear Scientific Council members:

Please accept this letter as a declaration of readiness to accept the appointment as a councillor for aquatic mammals if selected. Thank you for your consideration,

A handwritten signature in black ink that reads "Ellen Hines, PhD".

Ellen Hines, PhD  
Professor of Geography  
Marine & Coastal Conservation and Spatial Planning Lab Romberg Tiburon Center for  
Environmental Studies San Francisco State University  
3152 Paradise Drive  
Tiburon, CA 94920 USA  
1 415 338 3512  
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[ehines@sfsu.edu](mailto:ehines@sfsu.edu)  
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UNEP/CMS/ScC18/Inf.14/Annex 1

**Ellen Hines, PhD.**  
**Professor**  
**Department of Geography & Environment**  
**Romberg Tiburon Center for Environmental Studies**  
**San Francisco State University**

**Education**

Mills College, Oakland, California, B.A.

1997: M.A. San Diego State University, San Diego, California, Geography, emphasis in Natural Resource Management

2002: Ph.D. University of Victoria, BC, Canada, Geography.

**Professional Experience**

2012-present: Principal Investigator, Romberg Tiburon Center for Environmental Studies, San Francisco State University.

2012-present: Asst-Assoc, now Full Professor, Department of Geography and Human Environmental Studies, San Francisco State University.

2009-present: Adjunct Professor, Department of Geography (Faculty of Graduate Studies), University of Victoria, BC, Canada.

2007-2012: Associate Professor, Department of Geography and Human Environmental Studies, San Francisco State University.

1997-2001: Sessional Lecturer in GIS and Remote Sensing, Department of Geography, University of Victoria, BC, Canada.

1999-2000: Consultant in Marine Ecology and GIS, Axys Environmental Consulting Ltd., Sydney, BC. British Columbia Marine Ecological Classification (BCMEC) Update Project.

1997-1999: Land Use Coordination Office, Province of British Columbia. Marine GIS Consultant.

1997-1998: LGL Limited, in Sydney, British Columbia. Geographic Information Systems (GIS) consultant.

1996-1997: GIS Technician with National Wetlands Research Center, USGS Biological Resources Division, Lafayette, Louisiana.

1994-1996: U.S. Forest Service, Region 5, Forest vegetation mapping project. GIS/Remote Sensing Research Assistant. Center for Earth Systems Analysis at San Diego State University.

1992-1993: US Forest Service, Southern Appalachian Region, Surveying Section. Mapping Technician, Asheville, North Carolina

**Publications**

Books

Hines, E., Reynolds, J., Mignucci-Giannoni, A., Aragones, L.V., and M. Marmontel. 2012. *Sirenian Conservation: Issues and Strategies in Developing Countries*. Edited Volume. The University Press of Florida.

- Hines, E. Preface
- Ortega, A., Hines, E, and J. Calvimontes. Using interviews as a research tool.
- Hines, E. and contributors. Asian dugongs.
- Hines, E., Domning, D., Aragones, L, Marmontel, M., Mignucci-Giannoni, A.A, and J. Reynolds. The role of scientists in sirenian conservation in developing countries.
- Hines, E. A framework for sirenian science and conservation in developing countries.
- Hines, E. 2011. *Conservation of the Dugong along the Andaman Coast of Thailand: An Example of the Integration of Conservation and Biology in Endangered Species Research*. VDM Verlag, Germany.

Book Chapters

Hines, E. 2012. Dugong Conservation. In: *An Introduction to Marine Mammal Biology & Conservation* (by E.C.M. Parsons, A Bauer, D. MacAfferty , A.J. Wright & M.P. Simmons), , Jones & Bartlett Publishers.



- Hines, E. 2002. Conservation of the dugong (*Dugong dugon*) along the Andaman coast of Thailand. In P. Dearden (Ed.), *Environmental Protection and Rural Development in Thailand: Challenges and Opportunities*. White Lotus Press, Bangkok. Pages 155-180.
- Peer Reviewed Journals (\*\*committee chair, \*on SFSU geography committee, \*\*\*on PhD committee)
- Briscoe, D.K., S. Hiatt, R. Lewison and E. Hines. Modeling habitat and bycatch risk for dugongs in Sabah, Malaysia. In Press: *Endangered Species Research*.
- Edwards, H., Holguin, S.\*\*, Hines, E., and B. Winning. Manatee (*Trichechus manatus manatus*) Use of Turneffe Atoll in Belize, Central America. In Press, April 2014, *Caribbean Journal of Science*.
- Ponnampalam, L., Hines, E., Mananansap, S., Ilangakoon, A., Junchompoo, C., Adulyanukosol, A., and L. J. Morse. 2013. Behavioral observations on Irrawaddy dolphins (*Orcaella brevirostris*) in Trat Province, Eastern Gulf of Thailand. *Aquatic Mammals* 39(4): 401-409.
- McGowan, J.\*\*, E. Hines, M. Elliott, J.Howar, A. Dransfield, N. Nur, J Jahnce. 2013. Using seabird habitat modeling to inform marine spatial planning in Central California's National Marine Sanctuaries, PLoS ONE 8(8): e71406. doi:10.1371/journal.pone.0071406.
- Funayama, K\*\*., Hines, E., Davis, J, and S. Allen. 2013. Effects of sea-level rise on northern elephant seals at Point Reyes peninsula, California. *Aquatic Conservation: Marine and Freshwater Ecosystems*: 23: 233-245.
- Keller, C.A., Garrison, L. Baumstark, R., Ward-Geiger, L.I., and E. Hines. 2012. Defining calving habitat for the North Atlantic right whale in the southeastern United States: An application of a habitat model. *Endangered Species Research* 18: 73-87.
- LaCommare, K.S.\*\*\*, Self-Sullivan, C., Hines, E., and S. Brault. 2012. A boat-based method for monitoring sirenians: Antillean manatee case study. *Biological Conservation*: 152: 169-177.
- Hines, E., Parsons, C., and J. Cigliano. 2011. Making marine science matter—a special issue highlighting the first International Marine Conservation Congress (Introduction). *Bulletin of Marine Science* 87(2).
- Hines, E., 2011. Threats to coastal dolphins from oil exploration, drilling and spills off the coast of Belize. In: Palomares, M.L.D., Pauly, D. (eds.), *Too Precious to Drill: the Marine Biodiversity of Belize*, pp. 14-18. Fisheries Centre Research Reports 19(6). Fisheries Centre, University of British Columbia [ISSN 1198-6727].
- Cleve, C\*., Perrine, J., Holzman, B, and E. Hines. 2011. Addressing biased occurrence data in predicting potential Sierra Nevada red fox habitat for survey prioritization. *Endangered Species Research* 14:179-191.
- Merrified, M.S\*\*., Hines, E.M., Liu, X, and M.W.Beck. 2011. Building regional threat-based networks for estuaries in the western United States. PLOS ONE 6(2): e17407. doi:10.1371/journal.pone.0017407
- Dick, D.M\*\* and E.M. Hines. 2011. Development and implementation of distance sampling techniques to determine bottlenose dolphin (*Tursiops truncatus*) abundance at Turneffe Atoll, Belize. *Marine Mammal Science*: 27(3): 606-621.
- Novak, A. B, Hines, E., Kwan, D., Parr, L., Than Tun, M., and H. Wen. 2009. Seagrasses of the Myeik Archipelago, Myanmar. *Aquatic Botany* 91(3): 250-252.
- Doukakis, J. P., Parsons, E.C.M., Burns, W.C.G., Salomon, A.K., Hines, E., and J.A. Cigliano. 2009. Gaining traction: Re-treading the wheels of marine conservation. *Conservation Biology* 23(4): 841–846.
- Hines, E., Adulyanukosol, K., Somany, P., Sam Ath, L., Cox, N., Boonyanate, P., and N.X. Hoa. 2008. Community interviews to assess conservation needs of the dugong (*Dugong dugon*) in Cambodia & Phu Quoc, Vietnam. *Oryx* 42(1): 113-121.
- Ilangakoon, A. Sutaria, D., Hines, E., and R. Raghavan. 2008. Historical status and future prospects for dugongs (*Dugong dugon*) in the Gulf of Mannar, based on interview surveys. *Marine Mammal Science* 24(3): 704-710.

- Hines, E., Adulyanukosol, K., Duffus, D. A., and P. Dearden. 2005. Community perspectives and conservation needs for dugongs along the Andaman coast of Thailand. *Environmental Management* 36(5): 654-664.
- Hines, E., Adulyanukosol, K., and D. A. Duffus. 2005. Dugong abundance along the Andaman coast of Thailand. *Marine Mammal Science* 21:3:536-549. (Impact Factor 1.46)
- Hines, E., Franklin, J., and J. Stephenson. 2005. Using a geographic information system to estimate digital map error and its effects on habitat delineation for the California spotted owl in southern California. *Transactions in GIS*. 9(4): 541-559.
- Byrne, R., and E. Hines. 2005. The marine turtles of Hinatuan Bay, Surigao del Sur, Mindanao, Philippines. *Marine Turtle Newsletter* 105: 8

#### Publications in Prep

- Smith, T.D., Bannister, J., Hines, E., Reeves, R., Rojas-Bracho, L., and P. Shaughnessy. World Ocean Assessment, Chapter 37: Marine Mammals. In Press, The Division of Ocean Affairs and Law of the Sea of the United Nations Secretariat [www.worldoceanassessment.org](http://www.worldoceanassessment.org)
- Dransfield, A.,\*\* E Hines, B Holzman, M. Elliot<sup>3</sup>, J. Howar, J.McGowan, N. Nur, JJahncke. Where the Whales are: Using habitat modeling to support changes in shipping regulations within National Marine Sanctuaries in Central California. Revised and resubmitted to: *Endangered Species Research*.
- Hines, E., Adulyanukosol, K., Chitewere, T., and P. Boonyanate. Historical relationships between dugongs and villagers in Thailand: a foundation for conservation planning. In Review: *Ambio*.
- Bushell, J. B., Adulyanukosol, K., Parr, L., Hines, E., and J. Mackie. Genetic diversity and population structure of the dugongs (*Dugong dugon*) of Thailand. In Review: *Marine Mammal Science*.
- Hines, E., Strindberg, S., Jumchumpoo, C., Ponnampalam, L, Ilangakoon, A., and J. Jackson-Ricketts. Line transect estimates of Irrawaddy dolphin abundance along the eastern Gulf of Thailand. In Prep: *Marine Mammal Science* NOTE: second draft, presently incorporating 2014 data.
- Vincent,\*\*, T., Hines, E., Hung, S., Hiatt, S., and Q. Guo. Finless porpoises in Hong Kong harbor: Population distribution, habitat use and environmental planning. In Prep: *Endangered Species Research*.

#### Dissertation and Thesis

- Hines, E. 2002. *Conservation of the Dugong (Dugong dugon) along the Andaman Coast of Thailand: An Example of the Integration of Conservation and Biology in Endangered Species Research*. Doctoral Dissertation, University of Victoria, BC, Canada
- Hines, E. 1997. A sensitivity analysis of a map of habitat quality for the California spotted owl (*Strix occidentalis occidentalis*) in southern California. Master's thesis, San Diego State University, San Diego, CA USA

#### Legal Briefs/Expert Testimony

- On behalf of: Okinawan dugongs vs. US Department of Defense (for Earthjustice) (September 2007)

#### Training Manual

- Smith, B. D., Hines, E., Rosenbaum, H., Razafindrakoto, Y, Beasley, I., and K. Cross. 2002. *Marine mammal research techniques for scientists in South and Southeast Asia*. Wildlife Conservation Society, NY.

#### Selected Professional Reports

- Hines, E., Jumchumpoo, C., Ilangakoon, A., Ponnampalam, L., and J. Jackson-Ricketts. 2013. Coastal cetaceans in Trat Province, Eastern Thailand (2013). Final Report to Ocean Park Conservation Foundation, Hong Kong.
- Hines, E., Jumchumpoo, C., Ilangakoon, A., Ponnampalam, L., and J. Jackson-Ricketts. 2012. Coastal cetaceans in Trat Province, Eastern Thailand (2012). Final Report to Ocean Park Conservation Foundation, Hong Kong.
- Hines, E. 2011. American Recovery and Reinvestment Act: USGS Golden Gate LiDAR Final Report
- Hines, E., Mananansap, S., Ilangakoon, A., Ponnampalam, L., and L. Morse. 2009. Coastal cetaceans in Trat Province, Eastern Thailand (2009). Final Report to Ocean Park Conservation Foundation, Hong Kong.
- Hines, E., Charuchina, M., Mananansap, S., Ilangakoon, A., and L. Ponnampalam. 2008. Irrawaddy Dolphins (*Orcaella brevirostris*) in Trat Province, Eastern Thailand (2007-2008). Final Report to Ocean Park Conservation Foundation, Hong Kong.
- Hines, E. NOAA: National Marine Fisheries Service Annual Performance Reports for Grant #FO794/#2339/#2624, for Reporting Periods June 2007-December 2008, and January 2008-June 2008. Right Whale Conservation Project, Florida Fish & Wildlife Conservation Commission.
- Hines, E. Final report to the National Fish and Wildlife Foundation: Evaluation of Relative Risk of Co-Occurrence of North Atlantic Right Whales and Vessels in the Southeastern United States (SEUS) Calving Grounds, for the Florida Fish & Wildlife Conservation Commission. July 2008.
- Hines, E., Than Tun, M., Parr, L., Kwan, D., and A. Novak. 2007. Dugongs (*Dugong dugon*) along the Myeik Archipelago of Myanmar. Final report to Ocean Park Conservation Foundation, Hong Kong.

### Proceedings

- Adulyanukosol, K., Hines, E., and P. Boonyanate. 2010. Cultural significance of dugongs to Thai villagers: Implications for conservation. Proceedings of the 5<sup>th</sup> International Symposium on SEASTAR2000: 43-49. Juried [http://repository.kulib.kyoto-u.ac.jp/dspace/bitstream/2433/107337/1/9thSeastar\\_43.pdf](http://repository.kulib.kyoto-u.ac.jp/dspace/bitstream/2433/107337/1/9thSeastar_43.pdf)
- Ilangakoon, A. D., Hines, E., Monanunsap, S., and Ponnampalam, L. S. 2010. Research for conservation and management of Irrawaddy dolphins (*Orcaella brevirostris*) in the Eastern Gulf of Thailand. Proceedings of the International Workshop on Conservation of the Irrawaddy Dolphin with special reference to the underwater acoustic study. 25 - 26 March 2010, Bhubaneswar, India.
- Proceedings of the Workshop on the Conservation of the Dugong and Seagrass Habitats in Vietnam January 20-21, 2003, Hanoi, Vietnam  
edited by Nick Cox, Tran Chinh Khuong, Ellen Hines. World Wildlife Fund, Indochina Programme, Hanoi, Vietnam .

### **Grants & Awards**

- National Socio-Environmental Synthesis Center (SESYNC) Venture program grant:  
<http://www.sesync.org/ventures>  
“Developing an integrated framework to model resilience of the coupled human/natural environment in tropical coastal systems”, with co-PI, Dr. Rebecca Lewison (San Diego State).
- National Park Service (2013-2014), \$40,400 to use LiDAR and hyperspectral imagery to map Muir Woods National Park and Kent Canyon State Park.
- Grants (\$50,000) for the SEAMAMS conference in Malaysia in March of 2013 (Southeast Asian Marine Mammal Symposium). (Co-Chair with Dr. Louisa Ponnampalam, University of Malaya)  
-we have received funding from:  
Ocean Park Conservation Foundation

U.S. Marine Mammal Commission  
U.S. Humane Society  
Marisla Foundation  
Society for Conservation Biology  
Convention on Migratory Species (UNEP)

Ocean Park Conservation Foundation: Coastal marine mammals along the eastern Gulf of Thailand:  
\$15,700US for 2013.

COAST CSU Collaborative Resource Sharing Award 2012. Creating a spatially explicit risk assessment of fisheries bycatch for coastal marine mammals. \$10,000 (with Rebecca Lewison SDSU Biology).

Social Sciences and Humanities Research Council of Canada (SSHRC) (Too Big to Ignore: Global Partnership for the future of small-scale fisheries): co-investigator with Dr. Ratana Chuenpagdee (Memorial University of Newfoundland) as Principal Investigator. \$2,498,895 CDN  
[www.toobigtoignore.net](http://www.toobigtoignore.net)

Ocean Park Conservation Foundation: Coastal marine mammals along the eastern Gulf of Thailand:  
\$13,000US for 2012.

Indo-Pacific Cetacean Research and Conservation Fund (Australian Gov't): 2012-2014. Coastal marine mammals along the eastern Gulf of Thailand: \$49,000AUD

COAST CSU Faculty Research Initiative Award 2011. Developing an integrated/coupled framework to model resilience in tropical coastal systems.. \$10,936 (with Rebecca Lewison SDSU Biology).

2011: Chair of fundraising committee for 2<sup>nd</sup> International Marine Conservation Congress (Victoria BC May 2011) ; grants received \$150,000US.

2010: Golden Gate National Parks Conservancy: \$15,000 toward the Golden Gate LiDAR Project

2010: Lockheed Martin: \$46,000 towards the Golden Gate LiDAR Project

2010-2011: The Golden Gate LiDAR Project, US Geological Survey (\$457,000US): LiDAR mapping and processing of greater San Francisco Bay Area (835 square miles)

[http://bss.sfsu.edu/ehines/arra\\_golden\\_gate\\_lidar\\_project.htm](http://bss.sfsu.edu/ehines/arra_golden_gate_lidar_project.htm)

2009-2010: Ocean Park Conservation Foundation (\$15,000US): Coastal cetaceans in eastern Thailand.

2007-2008: NOAA Fisheries (\$645,860US): GIS Risk Analysis on North Atlantic Right Whales in the Southeast US.

2007-2008: National Fish and Wildlife Federation (\$72,000US): Risk of Right Whale and Vessel Interactions in the Southeast US.

2008: Ocean Park Conservation Foundation (\$20,000US): Irrawaddy dolphins in eastern Thailand (winter of 2008).

2007: Ocean Park Conservation Foundation, Hong Kong (\$20,000 US) Distribution and conservation of dugongs and coastal cetaceans in the Myeik Islands of Myanmar (winter of 2007).

2007: Project Aware, Australia, (\$1000AUS) towards 2007-2008 research on Irrawaddy dolphins in eastern Thailand.

2005-2009: various grants through the Association to Protect Northernmost Dugong in Japan to set up community seagrass research in Okinawa. In 2007, \$5000US from the Center for Biological Diversity for the same project.

2005: Smithsonian Institution Marine Science Network (\$150,000). A comparison of bottlenose dolphin foraging ecology between transitional-temperate and tropical ecosystems.

2003-2005: National Wetlands Inventory (US Fish and Wildlife Service) (\$176,000)

2004-2005: Ocean Park Conservation Foundation, Hong Kong (\$8900 US): Dugongs and Irrawaddy dolphins along the eastern Gulf of Thailand.

2004-2005: Wildlife Conservation Society, USA (\$1000 US): Dugongs and Irrawaddy dolphins along the eastern Gulf of Thailand.

2003-2005: National Wetlands Inventory (US Fish and Wildlife Service) (\$128,000 US) Updating National Wetlands Inventory Digital Map Files.

- 2003-2004: Ocean Park Conservation Foundation, Hong Kong (\$13,000 US): Dugongs along the eastern Gulf of Thailand and Cambodia
- 2003-2004: Project Aware Grant (\$3000 AUS): Dugongs along the eastern Gulf of Thailand and Cambodia.
- 2003: Sirenian International (\$1000 US): Interview surveys about dugongs in the Gulf of Mannar (Sri Lanka and India).
- 2002-2003: Ocean Park Conservation Foundation, Hong Kong (\$12,000 US) Dugongs along the eastern Gulf of Thailand.
- 2002: Marine Conservation Biology Institute, Marine Mammal Gap Analysis (\$10,000 US) (Baja to Bering Initiative)
- 2002: Project Aware Micro-Project Grant (\$1000 US) Manatees in Turneffe Atoll, Belize
- 2002: Affirmative Action Faculty Development Program Award, San Francisco State University: The Reaction of Harbor Seals to the Richmond Bridge Seismic Reinforcement Project
- 2000/2001: Ocean Park Conservation Foundation, Hong Kong (\$40,000 US) Dugongs along the Andaman coast of Thailand.
- 2000: University of Victoria Derrick Sewell Graduate Scholarship 2001
- 2000: Doctoral Research Award, International Development Research Centre (\$20,000 CDN) Dugongs along the Andaman coast of Thailand
- 2000: University of Victoria President's Scholarship 2000
- 1997 to 2001: University of Victoria Graduate Fellowships

## Reviews

Associate Editor for the *Journal of Environmental Studies and Science* (First volume January 2011)

Review Editor for the journal *Endangered Species Research* (since 2006)

Reviewed submitted manuscripts for the journals: PlosONE, *Marine Mammal Science*, *Marine and Freshwater Research*, *Aquatic Mammals*, *Raffles Bulletin of Zoology*, *Conservation Biology*, *Biological Conservation*, *Prairie Perspectives*, *Endangered Species Research*, *Phuket Marine Biological Center Bulletin*, *Current Zoology*, *Applied Geography*, *Environmental Management*, *Aquatic Conservation: Marine and Freshwater Systems*, *Marine and Freshwater Research*, *Transactions in GIS*, *McGill International Journal of Sustainable Development Law and Policy*, *Journal of the Marine Biological Association of the United Kingdom*, *Oryx*, *Marine Biodiversity Records*, *Marine Technology Society Journal*.

Nominator for the 2014 Pew Fellows Program in Marine Conservation.

Reviewer and judge: David H. Smith Conservation Research Fellowship Program 2008 -2013.

Reviewer for the NSF Geography Program and SSHRC (Canadian government research agency).

## Selected Presentations

Hines, E. Research in the Myeik Archipelago of Myanmar in 2007. To the Faculty of Sciences, Mawlamyine University, Myanmar, January 2014. Invited presentation.

Hines, E. Coastal marine mammals, small scale fishers and bycatch. Society of Marine Mammalogy Biennial meeting, December 2013, New Zealand. Juried oral presentation.



- Hines, E. Adulyanukol, K, and P. Manitowr. Aligning Science and Policy to Conserve Dugongs and their Habitat along the Andaman Coast of Thailand, Association of Pacific Coast Geographers, September 2011, San Francisco. Juried oral presentation.
- Hines, E. Changing values of small-scale fisheries in Southeast Asia. Juried oral presentation. 2<sup>nd</sup> International Marine Conservation Congress, Victoria, BC, Canada, May 2011.
- Hines, E. Using interviews to document changing values of small-scale fishers . Invited plenary presentation at the World Small-Scale Fisheries Congress, Bangkok, Thailand, October 2010. See blog interview: <http://worldsmallscalefisheries.blogspot.com/2010/10/interviewing-interviewer-chat-with.html>
- Hines, E. Adulyanukol, K, and P. Manitowr. Dugong conservation issues and conservation and management update. Invited Side Event, First Official Signatory State Meeting for the Dugong, the Convention on Migratory Species. Abu Dhabi, United Arab Emirates, 4-6 October 2010. [http://www.cms.int/species/dugong/meeting\\_of\\_sigs\\_1/pres\\_hines\\_and\\_adulyanukosol.pdf](http://www.cms.int/species/dugong/meeting_of_sigs_1/pres_hines_and_adulyanukosol.pdf)
- Workshop Organizer, Ecological Modeling and Marine Mammals: at Society of Marine Mammalogy Biennial meetings between 1999 and 2011. <http://www.who.edu/sites/marinemammalogy>
- Hines, E., S. Mananunsap, A. Ilangakoon, L. Ponnampalam, and L. Morse. Population, distribution and conservation of coastal cetaceans along the eastern Gulf coast of Thailand. Presentation at the XVII Biennial Conference on the Biology of Marine Mammals, Quebec, Canada. October, 2009. Juried.
- Hines, E., and K. Adulyanukosol. The need for marine protected areas for dugongs in Southeast Asia. In the workshop: Improving the Contribution of Marine Protected Areas to the Conservation of Sirenians (Manatees and Dugongs). International Marine Conservation Congress, Washington DC, May 19-24<sup>th</sup>, 2009. (Workshop organizer with Helene Marsh, Cynthia Taylor and Caryn Self-Sullivan). Juried.
- Hines, E., Parr, L, Mya, T.T., Kwan, D., and A. Novak. Interviews about dugongs and community conservation issues in the Myeik Archipelago of Myanmar. Poster Presentation at the XVI Biennial Conference on the Biology of Marine Mammals, Capetown, South Africa. November, 2007. and Presentation at the Fourth International Sirenian Symposium, November 27th , Capetown, SA. Juried.
- Hines, E., and H. Marsh. Community participation in GIS: An introduction to the tools, techniques, processes, and opportunities in cultural mapping with communities. Great Barrier Reef Marine Park Authority. Townsville, QLD, Australia, September 29, 2005  
Invited.

### **Professional and Civic Activities:**

- Appointed Expert to the Pool of Experts, United Nations World Ocean Assessment (Marine Mammals) Smith et al chapter on marine mammals in process.
- Member, IUCN Marine Mammal Protected Area Task Force
- Convention on Migratory Species Scientific Council's Aquatic Mammals Working Group (AMWG), Invited Expert (2013)
- Fulbright Specialists Roster 2013-2018.
- Sirenian Specialist Group Expert member (IUCN Species Survival Commission) since 2005.
- Nominator for the Pew Marine Fellowship awards (2013)
- Reviewer and judge: David H. Smith Conservation Research Fellowship Program 2008 -2013.
- Reviewer for the NSF Coastal SEES Program and SSHRC (Canadian government research agency) (2012-2014).
- Society for Marine Mammalogy, since 1997,
  - Board of Directors 2014-2016
  - Conference Chair, 21<sup>st</sup> Biennial San Francisco 2015
  - Member of Scientific Advisory Board 1999-2005

- Society for Conservation Biology, member since 1994
  - Asian Regional Section, Board of Directors 2013-2015.
  - Marine Section President/SCB Board of Governors for 2006/2009 calendar years.
  - SCB Publications & Scientific Committee Member, 2007 through present.
  - Scientific Program Committee Chair for the International Marine Conservation Congress (May 20-24, 2009 in Washington D. C. ([www.conbio.org/IMCC](http://www.conbio.org/IMCC) )
  - Conference Chair for the 2<sup>nd</sup> International Marine Conservation Congress (May 14-18<sup>th</sup>, 2011 in Victoria, British Columbia).([www.conbio.org/imcc2](http://www.conbio.org/imcc2))
- Oikonos (International Marine NGO, <http://www.oikonos.org/>)
  - Scientific Advisor since 2006
- Sirenian International,
  - Member of the Board of Directors 2004-2007.
  - Member of Scientific Advisory Board since 2007.
- Society for Conservation GIS, since 1998

**Candidate: Giuseppe Notarbartolo di Sciara**

**A. Cover Letter:**

See next pages

**B. Declaration**

See next pages

**C. Curriculum Vitae**

See next pages





Dr Marco Barbieri  
 Scientific Adviser  
 UNEP/CMS Secretariat  
 UN Campus, Platz der Vereinten Nationen 1  
 53113 Bonn, Germany  
 Via e-mail: mbarbieri@cms.int

4<sup>th</sup> June 2014

Dear Marco

Please accept this letter as a nomination of **Dr Giuseppe Notarbartolo di Sciara** for the position of **Appointed Councillor for Aquatic Mammals**. Dr Notarbartolo di Sciara is eminently qualified to carry out the duties of this position. He has indicated that he is willing to fill the role if selected. I attach his letter of confirmation and Curriculum Vitae.

Dr Notarbartolo di Sciara is an internationally recognised marine ecologist, with extensive aquatic mammal knowledge, grounded within an articulate, ecosystem approach that perfectly complements the work of the CMS Family. He is well recognised and a deeply respected leader in his field and would smoothly fill the position.

Dr Notarbartolo di Sciara obtained his PhD at the Scripps Institution of Oceanography (California) in 1985 with a thesis on the taxonomy and ecology of manta rays. In 1986 he spearheaded the creation of the Italian national cetacean stranding network, which he coordinated until 1990. He founded the Tethys Research Institute in 1986, directed this important organisation until 1997 and has recently stepped back into this role (2010). He proposed the creation of the Pelagos Sanctuary for Mediterranean Marine Mammals in 1991 and facilitated the treaty amongst Italy, France and Monaco for this Sanctuary in 1999. He served as President of the Central Institute for Applied Marine Research, supporting Italy's marine conservation policy between 1996 and 2003. He was the Commissioner/Alt. Commissioner for Italy at the International Whaling Commission between 1999 and 2003. He served as the Chair of the Scientific Committee of ACCOBAMS from 2002 to 2010 and remains a consultant to the Secretariat to this day.

Dr Notarbartolo di Sciara is currently:

- Regional Coordinator for the Mediterranean and Black Seas, IUCN WCPA – Marine;
- Co-chair, IUCN Joint SSC/WCPA Task Force on Marine Mammal Protected Areas;
- Deputy Chair, IUCN Species Survival Commission Cetacean Specialist Group;
- Chair, International Relations Committee Society of Marine Mammalogy
- Member, IUCN Species Survival Commission Shark Specialist Group;
- Member, SSC Marine Conservation Sub-Committee;
- Member, Global Ocean Biodiversity Initiative (GOBI) Scientific Steering Committee;
- Coordinator, International Commission for the Scientific Exploration of the Mediterranean Task Force on Marine Mammals; and
- Advisor, Pew Fellows in Marine Conservation.

In addition, he teaches science and policy of marine biodiversity conservation at the University Statale of Milan and is the author of almost 150 scientific publications and several books.

He is extremely well connected, through his professional affiliations and roles, to the range of experts already involved with the CMS Scientific Council's Aquatic Mammals Working Group, as well as to many processes and bodies of core importance to the CMS Family.

He is diplomatically skilled in each of the working languages of the Scientific Council (English, French and Spanish) and is a graceful and eloquent meeting Chair.

Dr Notarbartolo di Sciara's contribution to the CMS Family through the role of Appointed Councillor for Aquatic Mammals would be profound and I nominate him with the knowledge that my recommendation will be echoed by a great many colleagues.

Yours sincerely

Margi Prideaux  
 Policy and Negotiations Director

GIUSEPPE NOTARBARTOLO DI SCIARA, PH.D.  
VIA BENEDETTO MARCELLO 43 - 20124 MILAN - ITALY

Mr. Marco Barbieri  
Scientific Adviser  
UNEP/CMS Secretariat  
UN Campus, Platz der Vereinten Nationen 1  
53113 Bonn  
Germany

Milan, 3 June 2014

Dear Marco,

I have been informed that my name was proposed for the position of Appointed Councillor for Aquatic Mammals.

With this letter I would like to inform you that, should my nomination be accepted, I would be very happy to serve in such capacity. I have dedicated all of my professional life to issues related to the conservation of aquatic vertebrates, and mammals in particular, and contributing to the CMS Family as Appointed Councillor for Aquatic Mammals would be perfectly in tune with my intentions and aspirations.

With warm regards,



## PERSONAL INFORMATION



## Giuseppe Notarbartolo di Sciara

 Via Benedetto Marcello 43, 20124 Milano, Italy

 +39 02 2940.2867  +39 335 637.6035

 [disciara@tethys.org](mailto:disciara@tethys.org)

 [www.disciara.net](http://www.disciara.net)

Sex Male | Date of birth 27/11/1948 | Nationality Italian

## PREFERRED JOB

Marine conservation ecologist

## WORK EXPERIENCE

- |                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 - present<br>1986 - 1997 | <p><b>President</b><br/>Tethys Research Institute, Viale G.B. Gadio 2, 20121 Milano, Italy. (<a href="http://www.tethys.org">www.tethys.org</a>)</p> <p><b>Sector</b> Marine conservation science and policy</p> |
| 2013 - present                | <p><b>Member</b><br/>Global Ocean Biodiversity Initiative (GOBI) Scientific Steering Committee</p>                                                                                                               |
| 2012 - present                | <p><b>Co-chair</b><br/>Joint IUCN WCPA/SSC Task Force on Marine Mammal Protected Areas</p>                                                                                                                       |
| 2006 - present                | <p><b>Contract Professor</b><br/>University "Statale" of Milan<br/>Course on science and policy of marine biodiversity conservation</p>                                                                          |
| 2003 - present                | <p><b>Member</b><br/>IUCN SSC Shark Specialist Group</p>                                                                                                                                                         |
| 2003 - present                | <p><b>Member of the Board of Advisors</b><br/>Pew Fellows in Marine Conservation</p>                                                                                                                             |
| 2001 - present<br>1992 - 1994 | <p><b>Coordinator</b><br/>CIESM Task Force on Marine Mammals</p>                                                                                                                                                 |
| 2000 - present                | <p><b>Regional Coordinator, Mediterranean and Black Sea</b><br/>IUCN World Commission on Protected Areas - Marine</p>                                                                                            |
| 1991 - present                | <p><b>Deputy Chair</b><br/>IUCN SSC Cetacean Specialist Group</p>                                                                                                                                                |
| 2002 - 2010                   | <p><b>Chair</b><br/>Scientific Committee of ACCOBAMS</p>                                                                                                                                                         |
| 1999 - 2003                   | <p><b>Commissioner/Alternate Commissioner for Italy</b><br/>International Whaling Commission</p>                                                                                                                 |

1996 - 2003 **President**  
Istituto Centrale per la Ricerca Applicata al Mare (ICRAM)

EDUCATION AND TRAINING

1980 - 1985 **PhD in Marine Biology** PhD  
University of California at San Diego, Scripps Institution of Oceanography, La Jolla, California, USA

1975 - 1976 **Laurea in Natural Sciences, *cum laude***  
University of Parma, Italy

1969 - 1974 **Laurea in Biological Sciences**  
University of Parma, Italy

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C	C	C	C	C
French	C	C	C	C	C
Spanish	C	C	C	B	B

## ADDITIONAL INFORMATION

## Publications

- Schweitzer J., Notarbartolo di Sciara G. 1986. The rete mirabile cranica in the genus *Mobula*: a comparative study. *Journal of Morphology* 188:167-178.
- Watkins W.A., Tyack P., Moore K.E., Notarbartolo di Sciara G. 1987. *Steno bredanensis* in the Mediterranean Sea. *Marine Mammal Science* 3(1):78-82.
- Notarbartolo di Sciara G. 1987. A revisionary study of the genus *Mobula* Rafinesque, 1810 (Chondrichthyes: Mobulidae), with the description of a new species. *Zoological Journal of the Linnean Society, London* 91:1-91.
- Notarbartolo di Sciara G. 1987. Killer whale, *Orcinus orca*, in the Mediterranean Sea. *Marine Mammal Science* 3(4):356-360.
- Notarbartolo di Sciara G. 1988. Natural history of the rays of the genus *Mobula* in the Gulf of California. *Fishery Bulletin* 86(1):45-66.
- Notarbartolo di Sciara G., Hillyer E.V. 1989. Mobulid rays off Eastern Venezuela. *Copeia* 1989(3):607-614.
- Notarbartolo di Sciara G. 1990. A note on the cetacean incidental catch in the Italian driftnet swordfish fishery, 1986-1988. *Reports of the International Whaling Commission* 40:459-460.
- Fossi M.C., Marsili L., Leonzio C., Notarbartolo di Sciara G., Zanardelli M. 1992. The use of non-destructive biomarker in Mediterranean cetaceans: preliminary data on MFO activity in skin biopsy. *Marine Pollution Bulletin* 24(9):459-461.
- Notarbartolo G., Ausenda F., Orsi Relini L., Relini G. 1992. Una proposta di gestione dell'ambiente pelagico: la Riserva della Biosfera nel Bacino corso-ligure provenzale. *Atti XXII Congresso della Società Italiana di Biologia Marina, Cagliari, Santa Margherita di Pula, 20-24 May 1991. Oebalia, Supplemento* 17:517-521.
- Watkins W.A., Daher M.A., Fristrup K.M., Howald T.J., Notarbartolo di Sciara G. 1993. Sperm whales tagged with transponders and tracked underwater by sonar. *Marine Mammal Science* 9(1):55-67.
- Notarbartolo di Sciara G., Venturino M.C., Zanardelli M., Bearzi G., Borsani J.F., Cavalloni B. 1993. Cetaceans in the central Mediterranean Sea: distribution and sighting frequencies. *Italian Journal of Zoology* 60:131-138.
- Forcada J., Notarbartolo di Sciara G., Fabbri F. 1995. Abundance of fin whales and striped dolphins summering in the Corso-Ligurian Basin. *Mammalia* 59(1):127-140.
- Notarbartolo di Sciara G., Barbaccia G., Azzellino A. 1997. Birth at sea of a false killer whale, *Pseudorca crassidens*. *Marine Mammal Science* 13(3):508-511.
- Bearzi G., Notarbartolo di Sciara G., Politi E. 1997. Social ecology of bottlenose dolphins in the Kvarneric' (northern Adriatic Sea). *Marine Mammal Science* 13(4):650-668.
- Notarbartolo di Sciara G., Gordon J. 1997. Bioacoustics: a tool for the conservation of cetaceans in the Mediterranean Sea. *Marine and Freshwater Behaviour and Physiology* 30:125-146.
- Berubé M., Aguilar A., Dendanto D., Larsen F., Notarbartolo di Sciara G., Sears R., Sigurjónsson J., Urban-Ramirez J., Palsbøll P.J. 1998. Population genetic structure of North Atlantic, Mediterranean Sea and Sea of Cortez fin whales, *Balaenoptera physalus* (Linnaeus, 1758): analysis of mitochondrial and nuclear loci. *Molecular Ecology* 7(5):585-599.

- Publications (continued)**
- Bearzi G., Politi E., Notarbartolo di Sciara G. 1999. Diurnal behavior of free-ranging bottlenose dolphins in the Kvarneric (northern Adriatic Sea). *Marine Mammal Science* 15(4):1065-1097.
- Brownell R.L., Jr., Tillman M.F., Notarbartolo di Sciara G., Berggren P., Read A.J. 2000. Further scrutiny of scientific whaling. *Science* 290:1696.
- Fossi M.C., Casini S., Marsili L., Ausili A., Notarbartolo di Sciara G. 2001. Are the Mediterranean top predators exposed to toxicological risks due to endocrine disrupters? *Annals of the New York Academy of Science* 948:67-74.
- Fossi M.C., Casini S., Ancora S., Moscatelli A., Ausili A., Notarbartolo di Sciara G. 2001. Do endocrine disrupting chemicals threaten Mediterranean swordfish? Preliminary results of vitellogenin and zona radiata proteins in *Xiphias gladius*. *Marine Environmental Research* 52:477-483.
- Clark C.W., Borsani J.F., Notarbartolo di Sciara G. 2002. Vocal activity of fin whales, *Balaenoptera physalus*, in the Ligurian Sea. *Marine Mammal Science* 18(1):286-295.
- Jahoda M., Lafortuna C.L., Biassoni N., Almirante C., Azzellino A., Panigada S., Zanardelli M., Notarbartolo di Sciara G. 2003. Mediterranean fin whale's (*Balaenoptera physalus*) response to small vessels and biopsy sampling assessed through passive tracking and timing of respiration. *Marine Mammal Science* 19(1):96-110.
- Clapham P.J., Berggren P., Childerhouse S., Friday N.A., Kasuya T., Kell L., Kock K.-H., Manzanilla-Naim S., Notarbartolo di Sciara G., Perrin W.F., Read A.J., Reeves R.R., Rogan E., Rojas-Bracho L., Smith T.D., Stachowitsch M., Taylor B.L., Wade P.R., Brownell R.L., Jr. 2003. Whaling as science. *Bioscience* 53(3):210-212.
- Orians G., Briand F., Diamond J., Colborn T., Gomez E., Guillemain R., Klug A., Konishi M., Lubchenco J., Mee L., Norse E., Notarbartolo di Sciara G., Payne R., Safina C., Suzuki D., Wilson E.O., Woodwell G. 2003. "Scientists versus Whaling": whose errors of judgment? *Bioscience* 53(3):200-203.
- Notarbartolo di Sciara G., Zanardelli M., Panigada S., Jahoda M., Airoldi S. 2003. Fin whale, *Balaenoptera physalus* (L., 1758), in the Mediterranean Sea. *Mammal Review* 33(2):105-150.
- Reeves R.R., Smith B.D., Crespo E.A. Notarbartolo di Sciara G. 2003. Dolphins, whales and porpoises: 2002 - 2010 Conservation Action Plan for the World's Cetaceans. IUCN/SSC Cetacean Specialist Group. IUCN, Gland, Switzerland and Cambridge, UK. ix + 139pp.
- Bearzi G., Reeves R.R., Notarbartolo di Sciara G., Politi E., Cañadas A., Frantzis A., Mussi B. 2003. Ecology, status and conservation of short-beaked common dolphins (*Delphinus delphis*) in the Mediterranean Sea. *Mammal Review* 33(34):224-252.
- Palsbøll P.J., Bérubé M., Aguilar A., Notarbartolo di Sciara G., Nielsen R. 2004. Discerning between recurrent gene flow and recent divergence under a finite-site mutation model applied to North Atlantic and Mediterranean Sea fin whale (*Balaenoptera physalus*) populations. *Evolution* 58(3):670-675.
- Notarbartolo di Sciara, G., Serena, F. & Mancusi, C. 2006. *Mobula mobular*. In: **IUCN 2009. IUCN Red List of Threatened Species. Version 2009.2.**
- Notarbartolo di Sciara G., Agardy T., Hyrenbach D., Scovazzi T., Van Klaveren P. 2008. The Pelagos sanctuary for Mediterranean marine mammals. *Aquatic Conservation: Marine and Freshwater Ecosystems* 18:367-391. doi: 10.1002/aqc.855.
- Guidetti P., Milazzo M., Bussotti S., Molinari A., Murenu M., Pais A., Spanò N., Balzano R., Agardy T., Boero F., Carrada G., Cattaneo-Vietti R., Cau A., Chemello R., Greco S., Manganaro A., Notarbartolo di Sciara G., Russo G.F., Tunesi L. 2008. Italian marine reserve effectiveness: does enforcement matter? *Biological Conservation* 141:699-709. doi:10.1016/j.biocon.2007.12.013

## Publications (continued)

- Abdulla A., Gomei M., Hyrenbach D., Notarbartolo di Sciara G., Agardy T. 2008. Challenges facing a network of representative marine protected areas in the Mediterranean: prioritizing the protection of underrepresented habitats. *ICES Journal of Marine Science*, 66. doi: 10.1093/icesjms/fsn164
- Auster P.J., Fujita R., Kellert S.R., Avise J., Campagna C., Cuker B., Dayton P., Heneman B., Kenchington R., Stone G., Notarbartolo di Sciara G., Glynn P. 2009. Developing an ocean ethic: science, utility, aesthetics, self-interest and different ways of knowing. *Conservation Biology* 23(1):233-235. doi: 10.1111/j.1523-1739.2008.01057.x
- Dolman S.J., Evans P.G.H., Notarbartolo di Sciara G., Frisch H. 2010. Active sonar, beaked whales & European regional policy. *Marine Pollution Bulletin* 63:27-34. doi:10.1016/j.marpolbul.2010.03.034
- Notarbartolo di Sciara G., Birkun A., Jr. 2010. Conserving whales, dolphins and porpoises in the Mediterranean and Black Seas: an ACCOBAMS status report, 2010. ACCOBAMS, Monaco. 212 p.
- Agardy T., Notarbartolo di Sciara G., Christie P. 2011. Mind the gap: addressing the shortcomings of marine protected areas through large scale marine spatial planning. *Marine Policy* 35:226-232.
- Fossi M.C., Casini S., Caliani I., Panti C., Marsili L., Viarengo A., Giangreco R., Notarbartolo di Sciara G., Serena F., Ouerghi A., Depledge M.H. 2012. The role of large marine vertebrates in the assessment of the quality of pelagic marine ecosystems. *Marine Environmental Research* 77:156-158. doi:10.1016/j.marenvres.2012.03.003
- Azzellino A., Panigada S., Lanfredi C., Zanardelli M., Airoidi S., Notarbartolo di Sciara G. 2012. Predictive habitat models for managing marine areas: spatial and temporal distribution of marine mammals within the Pelagos Sanctuary (Northwestern Mediterranean sea). *Ocean & Coastal Management* 67:63-74.
- Adnet S., Cappetta H., Guinot G., Notarbartolo-di-Sciara G. 2012. Evolutionary history of the devilrays (Chondrichthyes: Myliobatiformes) from fossil and morphological inference. *Zoological Journal of the Linnean Society*, London 166:132-159. doi: 10.1111/j.1096-3642.2012.00844.x
- Guidetti P., Notarbartolo di Sciara G., Agardy T. 2012. Integrating pelagic and coastal MPAs into large-scale ecosystem-wide management. *Aquatic Conservation: Marine and Freshwater Ecosystems* DOI: 10.1002/aqc.2314
- Notarbartolo di Sciara G. 2012. Ancient waves, recent concerns: the budding of marine mammal conservation science in Italy. *Aquatic Mammals* 38(4):441-455. DOI 10.1578/AM.38.4.2012.441
- Notarbartolo di Sciara G. 2013. Sperm whales, *Physeter macrocephalus*, in the Mediterranean Sea: a summary of status, threats, and conservation recommendations. *Aquatic Conservation: Marine and Freshwater Ecosystems* DOI: 10.1002/aqc.2409
- Portman M., Notarbartolo di Sciara G., Agardy T., Katsanevakis S., Possingham H., Di Carlo G. 2013. He who hesitates is lost: why conservation in the Mediterranean Sea is necessary and possible now. *Marine Policy* 42:270-279. <http://dx.doi.org/10.1016/j.marpol.2013.03.004>

**Honours and awards**

Knighthood in the Order of St. Charles, received from H.S.H. the Prince Albert II of Monaco on 17 November 2009, for services rendered to the Principality in my quality of Chair of the Scientific Committee of the "Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area".

Prize "Tridente d'Oro" awarded by the International Academy of Underwater Sciences and Technologies on 11 September 1993, on the island of Ustica (Italy), for activities in the field of marine science.

Career prize "Una vita per il mare" ("A life for the sea"), 10th edition, awarded in 2006 by the City Aquarium of Milano and Verdeacqua.



## Candidate: Brian Smith

### A. Cover Letter:

Dear Marco,

This email is to nominate Brian Smith for the position of Appointed Councillor for Aquatic Mammals. Brian is most eminently qualified to carry out the duties of the position. I have contacted him, and he has indicated that he is willing to take on the job if selected (copy of email attached).

Many, if not most, of the very serious conservation threats faced by aquatic mammals, in particular the small coastal and freshwater cetaceans, are in South east and South Asia. The majority of the subpopulations classified as Critically Endangered in the IUCN Red List are there, in Indonesia, Laos, the Philippines, Pakistan, and India, as well as others classified as Endangered or Near Threatened. Conservation threats also exist for other small cetaceans in the region, including in Malaysia, Bangladesh, Nepal, Myanmar, Vietnam, Thailand, Taiwan and Cambodia. Brian has worked in the region for over 20 years, carrying out field research and training missions in Bangladesh, Cambodia, India, Indonesia, Nepal, the Philippines and Vietnam. Much of this work has been sponsored by or carried out in collaboration with the CMS. His efforts have resulted in effective capacity building in several countries to address problems of cetacean conservation, as well as a steady stream of technical papers in peer-reviewed and popular journals.

Brian has directed the Asian Freshwater and Coastal Cetacean Program of the Wildlife Conservation Society (WCS) since 2001 and served in important posts in several other conservation bodies, including the IUCN Cetacean Red List Authority, the IUCN Cetacean Specialist Group (Asian Coordinator), the Conservation Committee of the Society for Marine Mammalogy, the IUCN Marine Mammal Protected Area Task Force, the IWC Climate Change Working Group, the U.S. National Marine Fisheries Service and the CMS Aquatic Mammals Working Group (AMWG) and served as a consultant to the, the US Marine Mammal Commission, WWF, CI and the UNESCO World Heritage Committee. In all of these functions his contributions have been significant and of the highest professional quality.

I have known and worked with Brian for over 20 years and can think of no one more qualified to take up the task of coordinating CMS' efforts to improve the conservation status of the aquatic mammals, in Africa, Latin America, and Europe as well as Asia.

Brian's CV is attached. Please let me know whether this nomination by email meets the requirements for nomination or a letter conveyed by snail mail is necessary.

Best regards,

Bill Perrin

## **B. Declaration**

Hi Bill,

Many apologies for the delay getting back to you. I have been in the field in the Sundarbans and have been soliciting the advice of colleagues about the potential position with CMS. Although I still have some reservations and am still working to see if I might be able to get some dedicated support from WCS, I would like to accept the nomination. It is a real honor Bill. If the position is offered, I know I have some big shoes to fill and hope you will not mind if I e-mail you with some questions now and then. Please find attached a recent CV and thanks again for your confidence in nominating me for the position.

Cheers,  
Brian

## **C. Curriculum Vitae**

See next pages

Smith, B.D. CV page 1

## Curriculum Vitae for Brian Douglas Smith

**ADDRESS:** 1836 Iverson Ave, Arcata, CA 95521 USA

**E-MAIL:** bsmith@wcs.org; **Skype:** orcaella

### EDUCATION

**Master of Science**, Natural Resource Management, Humboldt State University, Arcata, CA. Jan 93.

**Teaching Credentials**, Biology and Social Science, Humboldt State University, Arcata, CA. June 83.

**Bachelor of Arts**, Political Science major, Biology and Environmental Science minors, University of California San Diego, La Jolla, CA. June 81.

**Brian D. Smith** has directed the Wildlife Conservation Society's Asian Freshwater and Coastal Cetacean Program since 2001, and he has demonstrated leadership through more than 20 years of experience conducting cetacean research and conservation projects in countries including Bangladesh, Cambodia, Fiji, India, Indonesia, Myanmar, Nepal, the Philippines, Thailand, and Vietnam. Brian currently serves as the Asia Coordinator, and is a member of the Red List subgroup, of the IUCN Species Survival Commission (SSC) Cetacean Specialist Group. He is also a member of the Society for Marine Mammalogy Conservation Committee, World Commission on Protected Areas/IUCN SSC Marine Mammal Protected Area Task Force, International Whaling Commission Climate Change Working Group, and the Convention on the Conservation of Migratory Species of Wild Animals (CMS) Aquatic Mammal Working Group. In addition, he has served as a member of ad-hoc working groups and provided informal consultation to other organizations including the International Whaling Commission, U.S. Marine Mammal Commission, World Wide Fund for Nature, Conservation International, and the UNESCO World Heritage Committee.

Brian's areas of core expertise are on conducting robust, locally-tailored population and ecological assessments of freshwater and coastal cetaceans; developing and executing science-based, stakeholder-informed conservation plans with an emphasis on establishing marine mammal protected areas; investigating the impacts of climate change on cetacean populations in rivers and submarine canyon waters; working with local fishing communities to assess and reduce cetacean mortalities from entanglement in fishing gears, particularly gillnets; defining population units for focal conservation attention using information on genetics, morphometrics, and geographic/demographic isolation; and conducting interactive training for local scientists, resource managers and university students on cetacean assessment and monitoring techniques.

Brian's achievements in Asia include conducting pioneering assessments of cetaceans in numerous previously un-surveyed rivers and coastal waters; leading successful efforts to establish protected areas for freshwater dolphins in the Ayeyarwady River, Myanmar, and Sundarbans mangrove forest, Bangladesh; discovering the world's largest population of Irrawaddy dolphins in the northern Bay of Bengal; documenting a biologically/culturally unique human-dolphin cooperative fishery practiced by Irrawaddy dolphins and cast-net fishermen; and publishing original studies and reviews on the impacts of dam construction and climate change on freshwater-dependent cetaceans and associated biodiversity. Brian has also demonstrated a strong commitment to capacity building while supervising and mentoring local university students to complete their Master's and Ph.D. dissertations on cetacean related topics, and post-graduates to successfully apply for and complete fellowships with the Conservation Leadership Program and Zoological Society of London.

Before 2001, Brian worked as an independent cetacean biologist/conservationist in Asia and as a team leader on several large-scale, international cetacean research projects of the U.S. National Marine Fisheries Service. He has also worked as a high school biology teacher, outdoor education instructor, and beach lifeguard.

**PARTIAL LIST OF SCIENTIFIC PUBLICATIONS**

- Smith, B.D.** 1993. 1990 status and conservation of the Ganges River dolphin (*Platanista gangetica*) in the Karnali River, Nepal. *Biological Conservation* 66(3):159-170.
- Smith, B.D.**, Sinha, R., Regmi, U., et al. 1994. Status of Ganges river dolphins (*Platanista gangetica*) in the Karnali, Mahakali, Narayani and Sapta Kosi Rivers of Nepal and India in 1993. *Marine Mammal Science* 10(3):368-375.
- Smith, B.D.** and Perrin, W.F. (eds.) 1997. Special volume on cetaceans of South and Southeast Asia. *Asian Marine Biology* 14.
- Smith, B.D.**, Thant, H., Lwin, J.M., et al. 1997. Preliminary investigation of cetaceans in the Ayeyarwady River and northern coastal waters of Myanmar. *Asian Marine Biology* 14:173-194.
- Smith, B.D.**, Jefferson, T.A., Leatherwood, S., et al. 1997. Investigations of marine mammals in Vietnam. *Asian Marine Biology* 14:111-43.
- Smith, B.D.**, Haque, A.K.M.A., Hossain, M.S., et al. 1998. River dolphins in Bangladesh: conservation and the effects of water development. *Environmental Management* 22(3):323-335.
- Reeves, R.R., **Smith, B.D.** and Kasuya, T. (eds.) 2000. *Biology and Conservation of Freshwater Cetaceans in Asia*, IUCN Occasional Papers Series No. 23. Gland, Switzerland.
- Smith, B.D.**, Ahmed, B., Edrize, M., et al. 2001. Status of the Ganges river dolphin or shushuk *Platanista gangetica* in Kaptai Lake and the southern rivers of Bangladesh. *Oryx* 35(1): 61-72.
- Reeves, R.R., **Smith, B.D.**, Crespo, E. and Notarbartolo di Sciara, G. 2003. *Dolphins, Whales, and Porpoises: 2002-2010 Conservation Action Plan for the World's Cetaceans*. IUCN, Gland, Switzerland.
- Smith, B.D.**, Braulik, G., Jefferson, T.A., et al. 2003. Notes on two cetacean surveys in the Gulf of Tonkin, Vietnam. *Raffles Bulletin of Zoology*. 51(1): 165-171.
- Smith, B.D.**, Beasley, I., Buccat, M., et al. 2004. Status, ecology and conservation of Irrawaddy dolphins *Orcaella brevirostris* in Malampaya Sound, Palawan, Philippines. *Journal of Cetacean Research and Management*. 6(1): 41-52.
- Choudhary, S., **Smith, B.D.**, Dey, S., et al. 2006. Conservation and biomonitoring in the Vikramshila Gangetic Dolphin Sanctuary. *Oryx*. 40(2): 189-197.
- Smith, B.D.**, Braulik, G., Strindberg, S., et al. 2006. Abundance of Irrawaddy dolphins (*Orcaella brevirostris*) and Ganges river dolphins (*Platanista gangetica gangetica*) estimated using concurrent counts from independent teams in waterways of the Sundarbans mangrove forest in Bangladesh. *Marine Mammal Science*. 22(3): 527-547.
- Smith, B.D.**, Shore, R.G. and Lopez, A. (eds.). 2007. *Status and conservation of freshwater populations of Irrawaddy dolphins*. WCS Working Paper Series.
- Smith, B.D.** and Mya, T.T. 2008. Species occurrence, distributional ecology and fisheries interactions of cetaceans in the Mergui (Meik) Archipelago, Myanmar. *Journal of Cetacean Research and Management*. 10(1):37-44.
- Smith, B. D.**, Ahmed, B., Mansur, R., et al. 2008. Species occurrence and distributional ecology of nearshore cetaceans in the Bay of Bengal, Bangladesh, with abundance estimates for Irrawaddy dolphins *Orcaella brevirostris* and finless porpoises *Neophocaena phocaenoides*. *Journal of Cetacean Research and Management*. 10(1):45-58.
- Smith, B.D.**, Braulik, G., Strindberg, S., et al. 2009. Habitat selection of freshwater cetaceans and the potential effects of declining freshwater flows and sea-level rise in waterways of the Sundarbans mangrove forest, Bangladesh. *Aquatic Conservation: Marine and Freshwater Ecosystems*. 19(2):209-225.
- Smith, B.D.**, Mya, T.T., Aung, M.C. et al. 2009. Catch composition and conservation management of a human-dolphin cooperative cast-net fishery in the Ayeyarwady River, Myanmar. *Biological Conservation*. 142:1042-1049.
- Smith, B.D.**, Diyan, M.A.A., Mansur, R.M., et al. 2010. Identification and channel characteristics of cetacean 'hotspots' in waterways of the eastern Sundarbans mangrove forest, Bangladesh. *Oryx*, 44(2), 241-247.
- Minton, G. and **Smith, B.** (eds) 2011. Final Report Determining and Quantifying Threats to Coastal Cetaceans: A Regional Collaborative Workshop, Kuching, Sarawak, Malaysia.
- Smith, B.D.** and R. R. Reeves. 2011. Freshwater-dependent cetaceans: integrating climate change-related impacts from mountain to sea. *Whalewatcher* 39(2): 25-29.
- Chit, A.M., **Smith, B.D.** and Tun, M.T. 2011. An extreme extra-limital record of a strap-toothed beaked whale *Mesoplodon layardii* from the northern Indian Ocean in Myanmar Marine Biodiversity Records. 5:1-3.

## Smith, B.D. CV page 3

- Mansur, R.M., Strindberg, S., **Smith, B.** 2012. Mark-resight abundance and survival estimation of Indo-Pacific bottlenose dolphins, *Tursiops aduncus*, in the Swatch-of-No-Ground, Bangladesh. *Marine Mammal Science*.
- Smith, B.D.**, and Mansur, E.F. 2012. Sundarbans. Pages 144-154 in Hilty, J.A., Chester, C. C., and Cross, M. (eds) *Climate and Conservation: Landscape and Seascape Science, Planning and Action*. Island Press.
- Smith, B.D.** and R. R. Reeves. 2012. River cetaceans and habitat change: generalist resilience or specialist vulnerability? *Journal of Marine Biology* 2012:1-11.
- Jensen F.H., Rocco A., Mansur R.M., **Smith B.D.**, Janik, V.M., Madsen, P.T. 2013. Clicking in Shallow Rivers: Short-Range Echolocation of Irrawaddy and Ganges River Dolphins in a Shallow, Acoustically Complex Habitat. *PLoS ONE* 8(4): e59284.
- Kershaw F., Leslie M.S., Collins T., Mansur R.M., **Smith B.D.**, Minton G., Baldwin R., LeDuc R.G., Anderson R.C., Brownell Jr. R.L. and Rosenbaum H.C. 2013. Population differentiation of 2 forms of Bryde's whales in the Indian and Pacific Oceans. *Journal of Heredity* 104(6), 755-764.
- Mendez, M., Jefferson, T.A., Kolokotronis, S., Krützen, M., Parra, G., Collins, T., Minton, G., Baldwin, R., Berggren, P., Särnblad, A., Amir, O., Peddemors, V., Karczmarski, L., Guissamulo, A., **Smith, B.**, Amato, G., Rosenbaum, H. 2013. Integrating multiple lines of evidence to better understand the evolutionary divergence of humpback dolphins along the entire distribution range: a new dolphin species in Australian waters? *Molecular Ecology*. 22: 5936–5948,
- Richman, N.I., Gibbons, J.M., Turvey S.T., Akamatsu T., Ahmed B, Mahabub, E., **Smith, B.D.**, Jones, J.P. 2014. To see or not to see: investigating detectability of Ganges River dolphins using a combined visual-acoustic survey. *PLoS ONE* 9(5): e96811.
- Smith, B.D.** In Press. Family Lipotidae (*Lipotes vexillifer*). In Wilson, D., et al. (eds.) *Handbook of the Mammals of the World*. Lynx Edicions.

**PARTIAL LIST OF POPULAR PUBLICATIONS**

- Smith, B.D.** 1996. Whale worship in Vietnam. *Sonar* 15:14-17.
- Smith, B.D.** 1998. Fishing with dolphins. *Sonar* 19:24-25.
- Smith, B.D.** 2000. Vikramshila Gangetic Dolphin Sanctuary: turning conventional wisdom on its head! *WDCS Magazine*. 22: 18-19.
- Smith B.D.** 2004 Coming back from the brink. *The Nation*. October 11:6A.
- Smith, B.D.** 2007. Fish Tales, Have you heard the one about the dolphins that help fishermen fill their nets? *Wildlife Conservation*. February: 26-31.

**IUCN RED LIST ASSESSMENTS**

- Kreb, D. and **Smith, B.D.** 2000. *Orcaella brevirostris* (Mahakam subpopulation). In: IUCN 2004. *2004 IUCN Red List of Threatened Species*.
- Braulik, G., **Smith, B.D.**, Chaudhary, A. 2004. South Asian River Dolphin *Platanista gangetica*: Indus River subspecies, *Platanista gangetica minor*, Endangered, A2abcde; B1ab(i,ii,iii,iv); C1. 2004 IUCN Red List of Threatened Species.
- Reeves, R.R., **Smith, B.D.** and Braulik, G. 2004. South Asian river dolphin: *Platanista gangetica* Endangered, A2abcde
- Smith, B.D.**, Braulik, G., Sinha, R.K. 2004 South Asian river dolphin: *Platanista gangetica* Ganges River subspecies, *P. g. gangetica*, Endangered, A2abcde+3bcde+4abcde. 2004 IUCN Red List of Threatened Species.
- Smith, B.D.** and Beasley, I. 2004. Irrawaddy Dolphin (*Orcaella brevirostris*): Songkhla Lake (Thailand) subpopulation, Critically Endangered, D, C2a(i, ii). 2004 IUCN Red List of Threatened Species.
- Smith, B.D.** and Beasley, I. 2004. Irrawaddy Dolphin (*Orcaella brevirostris*): Malampaya Sound (Philippines) subpopulation, Critically Endangered, D, C2a(i, ii). 2004 IUCN Red List of Threatened Species.
- Smith, B.D.** and Beasley, I. 2004. Irrawaddy Dolphin (*Orcaella brevirostris*): Mekong River (Laos, Cambodia and Vietnam) subpopulation, Critically Endangered, D, C2a(i, ii). 2004 IUCN Red List of Threatened Species.
- Smith, B.D.** 2004. Irrawaddy Dolphin (*Orcaella brevirostris*): Ayeyarwady River (Myanmar) subpopulation, Critically Endangered, D, C2a(i, ii). 2004 IUCN Red List of Threatened Species.
- Smith, B.D.**, Wang Ding and Zhou Kaiya. Baiji (*Lipotes vexillifer*) Critically Endangered, C2(aii), D. 2006 IUCN Red List of Threatened Species.

## Annex II

### Full Submissions of Nominations for the Conference-Appointed Councillor for Birds

#### Candidate: Robert Clay

##### A. Cover Letter:

Dear Marco

Further to your note below, I write to nominate Dr Robert Clay for consideration as COP-appointed Scientific Councillor for birds.

Dr Clay has been closely involved with CMS and migratory bird conservation for at least the last 15 years. He has a comprehensive grasp of flyway conservation issues and extensive experience of working with migratory bird initiatives in the Americas and, through BirdLife International and the IUCN Species Survival Commission, across the world.

Currently Dr Clay is director of the Executive Office of the Western Hemisphere Shorebird Reserve Network and Chair for Waterbird Conservation for the Americas. He is a member of the Americas working group of the Arctic Migratory Bird Initiative, a member of the CMS Flyways Working Group and CMS Scientific Councillor for Paraguay. From 1996 to 2006, he was BirdLife's regional representative for the Americas to CMS.

Dr Clay combines excellent scientific skills in ornithology with a strong track record of taking forward practical conservation advocacy and action, especially working through regional flyways mechanisms and through CMS. In his recent work at BirdLife International he led identification of Important Bird and Biodiversity Areas (IBAs) in the Americas, developed conservation programs for grassland, migratory and globally threatened birds, and was instrumental in building the Southern Cone Grasslands Alliance, which is helping to implement the CMS Migratory Grasslands Birds MoU Action Plan. Most recently he completed a review of migratory bird initiatives in the Americas to support the development of the WHMSI/CMS 'Flyways of the Americas' framework.

Dr Clay is very familiar with CMS institutions and processes. Having worked with him closely for over a decade, I can affirm he has the organisational and diplomatic skills, the commitment and the technical understanding to be an outstanding appointed Councillor.

Attached are Dr Clay's CV and a statement of readiness to accept the appointment if selected, with confirmation of institutional support.

Best wishes

Leon

Leon Bennun

CMS Appointed Scientific Councillor for Birds

**B. Declaration**

See next pages

**C. Curriculum Vitae**

See next pages

Rodríguez de Francia 869  
Asunción, Paraguay  
[rclay@manomet.org](mailto:rclay@manomet.org),  
[robpcly31@yahoo.co.uk](mailto:robpcly31@yahoo.co.uk)

05 June 2014

*Ref: Declaration of Readiness to Accept Appointment*

Dear Sir/Madam,

I am writing to confirm my readiness to accept appointment as the CMS COP-appointed councillor for birds for the next term (2015-2017), if that be the wish of the 11<sup>th</sup> Conference of the Parties.

I have had the opportunity to work closely with CMS since 1998, initially as part of a team of regional CMS leads within BirdLife International, and more recently as a member of the CMS Flyways Working Group and as Scientific Councilor for Paraguay. I also played a lead role in the Western Hemisphere Migratory Species Initiative working group that developed the “Flyways of the Americas” framework in response to CMS Resolution 10.10.

My current job, as Director of the Executive Office of the Western Hemisphere Shorebird Reserve Network (WHSRN) is focused on the conservation of migratory shorebirds throughout their ranges and lifecycles, and my employer, the Manomet Center for Conservation Sciences, has confirmed its support for me if I were to be appointed as CMS councilor for birds.

Yours faithfully,

A handwritten signature in dark ink, appearing to read 'Rob P. Clay', is written over a horizontal line that extends across the width of the signature.

Rob P. Clay, Ph.D



## ROBERT P. CLAY, PH.D

Curriculum Vitae: March 2014

### Personal Details

Date of Birth: 31 July 1972 (Portsmouth, Hampshire, U.K.)

Nationality: British

Civil Status: Married (with three children)

Address: Rodríguez de Francia 869 casi Parapiti, Asunción, Paraguay

Tel: 595 21 453355. Cel. 0972 911424.

E-mail: [robpcly31@yahoo.co.uk](mailto:robpcly31@yahoo.co.uk)

### Graduate Education

Ph.D (2001), Master of Arts (1997)

Large Animal Research Group, Department of Zoology, University of Cambridge, U.K.

Ph.D thesis: "Correlates of male status in the Long-tailed Manakin *Chiroxiphia linearis* (Aves: Pipridae)". Supervisor: Prof. T. Clutton-Brock.

### Undergraduate Education

Downing College, University of Cambridge: Bachelor of Arts (Hons) in Zoology (Cantab) 1990-1993; Downing College Scholar (1991, 1992).

### Employment History

*Nov 2005 – present*

Senior Conservation Manager, Americas Secretariat, BirdLife International

Gaetano Martino 215 esq. Tte. Ross, Asunción, Paraguay, Tel: +595 21 229097, Fax: +595 21 223567. Email: [rob.clay@birdlife.org](mailto:rob.clay@birdlife.org)

As Senior Conservation Manager for BirdLife in the Americas I oversee the management, development and fundraising for BirdLife's conservation program throughout the Americas, with a current focus on migratory birds, grassland birds and globally threatened birds. Responsibilities include supporting the network of BirdLife partner organizations to implement conservation actions for priority sites and species, building collaborative projects between partners, and managing existing and developing new donor relationships. In recent years, I have primarily focused on "mainstreaming" of biodiversity conservation into the productive landscape, since 2007 leading the "Southern Cone Grasslands Alliance", an innovative joint venture approach between natural grassland ranchers, conservationists and government agencies. From 2005-2009 I led the Important Bird Areas program in the Americas, facilitating the completion of a hemispheric-wide IBA Inventory, supporting the BirdLife partnership to develop strategies for prioritizing IBAs, and assisting partners to fundraise for and implement conservation actions.

*June 2000 – October 2005*

Head of Research and Planning, Guyra Paraguay, Paraguay.

As Guyra Paraguay's head of research and planning, my tasks included the identification

of conservation priorities, strategic planning, proposal development, project management, monitoring and evaluation, the maintenance of high quality research and the timely reporting of results and progress to donors.

*May - June 2003, April - May 2000, April 1994 - February 1995*

Threatened Species Researcher, BirdLife International, Cambridge

Assessment of threat status, and author/editor of threatened species texts for the publications "Threatened Birds of the World" (2004 and 2000) and "*Birds to Watch II*" (1994)

*September 1998 - March 2000*

Scientific Coordinator, Guyra Paraguay

Coordination and implementation of Guyra Paraguay's conservation research projects.

*December 1996 – February 1998*

Department of Investigation and Evaluation of Natural Resources, Fundación Moisés Bertoni. Identification and evaluation of conservation priorities in Paraguay, and support for the creation of Guyra Paraguay.

### **Honorary Roles**

- Member of CMS Flyways Working Group (2013-present), and CMS Scientific Councillor for Paraguay (2014 onwards)
- Chair of the Council for Waterbird Conservation in the Americas (2011-present)
- Member of the Hemispheric Council of the Western Hemisphere Shorebird Reserve Network (2010-present)
- Vice-president of the Heron Specialist Group (Heron Conservation) (2011-present)
- Member of Advisory Council for Rare "Reciprocal Water Agreements and Pride Campaigns" initiative in Latin America (2012-present)
- Regional (Americas) representative for BirdLife International to the Convention on Migratory Species (the Bonn Convention; 1999-2005) and the Ramsar Convention (2005-2006).
- Member of the Interim Steering Committee for the Western Hemisphere Migratory Species Initiative (2003-2008).

### **Additional professional experience**

- Member of IUCN Species Survival Commission, including the Threatened Waterfowl, Flamingo and Heron Specialist Groups. Member of the Cracid Specialist Group.
- National Coordinator (in Paraguay) of Neotropical Waterbird Census, 2001-2005.
- Council member of the Neotropical Bird Club (2007-present).
- Peer review of articles for publication in *Austral Ornithology*, *Bird Conservation International*, *Brazilian Journal of Ornithology*, *Bulletin British Ornithologists' Club*, *Cotinga*, *El Hornero*, *Ibis*, *Oryx* and *Wilson Bulletin*.
- Former member of editorial committees for *Cotinga* and *CSB Conservation Publications*.

**Specialized Training**

- Bioinformatics, NBII/USGS and ICE. Asunción, Paraguay, 26-28 April 2004.
- Ecoregional Planning, TNC. Buenos Aires, Argentina, 14-16 January 2004.
- Proposal development, scientific publishing and biostatistics, NFWF, Termas de Puyehue, Chile, 3-5 October 2003.
- Ecoregional Planning (for the Pantanal), TNC-Paraguay. San Bernadino, Paraguay, 8-10 May 2002.
- Training for Trainers in Site Conservation Planning, TNC-Ecuador. Quito, Ecuador, 18-22 March 2002.

**Research Experience**

- Led and participated in multiple biodiversity research projects in Paraguay, from 1998 to 2005.
- Co-Principal Investigator of Earthwatch “Dancing Birds” project, Monteverde, Costa Rica, 1995-1999.
- Principal field investigator, Smithsonian Institution Lab of Molecular Systematics *Manacus* hybrid zone project 1995-97.
- Led and participated in five student conservation projects (three in Paraguay, two in Ecuador, 1992-1997).

**Other Attributes**

- Fluent in English and Spanish, basic understanding of Portuguese and French.
- Computer literate.
- Extensive mist-netting experience in the Neotropics, handling > 4,000 birds (including permit for banding shorebirds with USFWS bands in southern South America).
- Experience with a variety of quantitative avian census techniques

**Publications**

Over seventy contributions concerning Neotropical ornithology and conservation published in scientific and conservation journals and as book chapters. Author of four shorebird conservation plans (American Golden Plover, American Oystercatcher, Lesser Yellowlegs, Wilson’s Phalarope). Edited six books on Paraguayan birds including the first field guide (in Spanish) to all Paraguayan birds. Author and editor of the Americas IBA directory, identifying 2345 priority sites for bird conservation in the Americas. Details available on request.

**Technical Presentations**

Over fifty papers presented in regional and global meetings and conferences. Details available on request.

**Referees**

Available on request.

## **Candidate: Stephen Garnett**

### **A. Cover Letter:**

Dear Marco

Australia appreciates the opportunity to nominate a suitable expert for the position of COP-Appointed Councillor for Birds. We believe that COP-Appointed Councillors play a very important role in the Convention through their support of the work of both the Scientific Council and the Conference of Parties.

It is important that COP-Appointed Councillors provide continuity to the Convention's work program through their longevity, and it is disappointing that the last representative from Birdlife International is leaving the position after less than one full COP cycle. Australia has looked carefully at the position for the COP-Appointed Councillor for Birds, as we recognize the interest and importance of that position due to the magnitude of species it covers.

Australia is pleased to nominate Professor Stephen Garnett for the position of COP-Appointed Councillor for Birds. Professor Garnett has extensive experience with migratory birds over several decades through both species and project assessments, policy development, research and advice provision. He is eminently suitable for the position, and would bring with him an extensive range of experience, appropriate for such a position.

Please find attached Professor Garnett's justification for nomination, CV and letter of willingness. We have also received a letter of support for his nomination from the CoP-Appointed Councillor for Bycatch, Mr Barry Baker. This is attached for your information.

Please let me know if you require any further information, or supporting documentation, at this stage.

Kind regards – Narelle

Narelle Montgomery  
CMS Scientific Councillor for Australia

### **B. Declaration**

See next pages

### **C. Curriculum Vitae**

See next pages

### **D. Justification**

See next pages

### **E. Letter of Support**

Narelle Montgomery  
CMS Scientific Councillor for Australia  
Assistant Director  
Migratory Species Section  
Department of the Environment  
GPO Box 787  
Canberra ACT 2601

23 May 2013

Dear Ms Montgomery

**RE: COP-Appointed Scientific Councillor for Birds with the CMS**

This letter is to confirm that, should I be selected, I would be willing to act as the Scientific Councillor for Birds with the Convention on Migratory Species. In so doing I undertake to fulfill all the tasks set out in the Indicative ToR for COP-Appointed Scientific Councillors including contributing to the work of the Scientific Council, participating in all meetings of the CMS Scientific Council and acting as Chair of the relevant bird working group, if applicable, and, if requested, participating in Meetings of the Conference of the Parties.

Yours sincerely



Stephen Garnett  
Professor of Conservation and Sustainable Livelihoods

## Curriculum vitae: Stephen Garnett

### PERSONAL DETAILS

<b>Name</b>	Stephen Thomas GARNETT
<b>Title</b>	Professor of Conservation and Sustainable Livelihoods
<b>Phone</b>	+61 8 8946 7115
<b>Mobile</b>	+61 4088 32109
<b>Fax</b>	+61 8 8946 7720
<b>E-mail</b>	<a href="mailto:stephen.garnett@cdu.edu.au">stephen.garnett@cdu.edu.au</a>
<b>Postal</b>	P.O.Box 451 Charles Darwin University Casuarina 0815 Northern Territory Australia
<b>Place of Birth</b>	Marlborough, Wiltshire, United Kingdom
<b>Citizenship</b>	Australian and British
<b>Qualifications</b>	PhD. James Cook University 1984 BSc (Hons) Australian National University 1977
<b>Languages</b>	English

### EMPLOYMENT HISTORY

#### **2011- Professor of Conservation and Sustainable Livelihoods, Research Institute for the Environment and Livelihoods, Charles Darwin University**

My current role is to develop and expand a high level research portfolio in any field related to the Institute, building on existing research projects, with an emphasis on Conservation and Sustainable Livelihoods. These include developing new research projects as required as well as applying for other competitive research funding and publishing extensively in high impact journals. I also supervise up to 20 postgraduate students at a time and undertake contract work as required. I work across a range of disciplines conserving conservation and the sustainable use of natural resources.

#### **2008-2010 Director (Academic Level E), School for Environmental Research, Institute of Advanced Studies, Charles Darwin University**

The School for Environmental Research undertook integrated biophysical, social and economic research with a focus on tropical and desert environments in Northern Australia and in similar climatic regions globally, with emphasis on south-east Asia. The school aimed to balance conservation and development outcomes, thereby enhancing human well-being through responsible natural resource management. The school had three inter-related themes: Wildlife and Landscape Science, Aquatic Ecosystems and Water Resources and Livelihoods and Policy. My role was to balance the needs of the three themes, maintain a

diverse and active staffing profile, attract postgraduate students and manage a budget of about \$3 million per year. I also remained research active and supervised postgraduate students at any one time on a range of subjects relating to all themes of the school.

**2004-2008 Professor of Tropical Knowledge (Academic Level E), Institute of Advanced Studies, Charles Darwin University**

In this diverse role I was responsible for gathering the knowledge required to live sustainably in the tropics. This required integrating research from a range of fields and collaborating broadly with researchers both within the university and elsewhere. I divided the role between schools for Environmental Research and Social and Policy Research. The research aimed to provide practical solutions to issues facing tropical societies. I also administered about 30 research staff and students and associated budgets. I also mentored a group of Australian Indigenous researchers.

**1998-2004 Senior Principal Conservation Officer, Queensland Parks and Wildlife Service of the Queensland Environmental protection Agency**

This role involved managing conservation services including managing agency research and providing advice on property acquisitions for protected areas and scientific permit approvals. I supervised a Threatened Species and Communities Unit, Centre for Tropical Restoration, Wildlife Research and Management Unit and Extension Services. I supervised 25 to 40 full time staff and up to 20 casual staff, undertook tropical threatened species research and management, revised the national Action Plan for Australian Birds and reviewed trends in Australian birds for a national audit. On sabbatical leave I in 2002, I also analysed national and international threatened species data with researchers at Cambridge University and Birdlife International, a collaboration that persists to this day. I was also an adjunct Associate Professor at School of Tropical Biology, James Cook University, using the role to examine the governance of environmental risk assessment and deliver guest lectures in conservation biology, tropical biology and avian ecology.

**1992-1997 Contract research and conservation management of threatened birds**

In these five years I was contracted to undertake research on the Kangaroo Island Glossy Black-Cockatoo and Golden-shouldered Parrot, most of which was field work with communities. Both projects successfully reversed or slowed declines in the taxa concerned.

**1985-1992 Biological consultant and freelance journalist**

In this period I prepared the first Action Plan for Australian Birds, represented the Royal Australasian Ornithologists Union at the first meeting of the China-Australia Migratory Bird Agreement, worked on goat ecology with the Food and Agriculture Organisation of the United Nations on small Pacific Island countries, on crocodile farming in the Northern Territory, on Newcastle Disease Virus in migratory birds, surveyed migratory shorebirds in north-east Australia, organised a project on Palm Cockatoos in Papua New Guinea, edited the Journal of the Australian and New Zealand Association for the Advancement of Science, sub-edited the Movements and Food section of the Handbook of Australian, New Zealand and Antarctic Birds and ran a private tourism business.

## Professional contributions

Coordinator, Threatened Species Committee, Birds Australia 2003-  
Associate Editor, Biodiversity and Conservation 2004-  
Associate Editor, Bird Conservation International 2004-  
Reader in Social, Behavioural and Economic Sciences, Australian Research Council 2005-  
Governor, World Wide Fund for Nature Australia 2006-  
Board, Parrot Society of Australia Trust Fund 2011-  
Chair, Threatened Species Committee, Australasian Bird Fair 2014-  
Emu, Advisory Board 1999-2005  
Coordinator, Important Bird Areas of Australia Committee, Birds Australia 2003-2008  
Board Member, Society for Conservation Biology (Oceania Section) 2011-2014  
Member, BirdLife International Pacific Important Bird Area Technical Committee 2007-2012  
Member, Scientific Advisory Committee, World Parrot Trust 1997-2011

## AWARDS

2012: Charles Darwin University Vice-Chancellor's Award for Exceptional Performance in Research  
2012: Northern Territory Chief Minister's Award for Research and Innovation  
2012: Northern Territory Tropical Knowledge Research Award  
2012: Highly Commended Award Winner at the Literati Network Awards for Excellence 2012 for "Indigenous wildlife enterprise: mustering swamp buffalo (*Bubalus bubalis*) in northern Australia" published in the *Journal of Enterprising Communities: People and Places in the Global Economy*. (with B.Austin)  
2008: D.L.Serventy Medal for Ornithological Research 2008 (with G.M.Crowley)

## PUBLICATIONS

### JOURNAL ARTICLES

1. Indrawan, M., Masala, Y., Wirth, R. and Garnett, S.T. in press. Compromising for conservation: a protocol for developing sustainable conservation plans in biologically rich and monetarily impoverished communities. *Pacific Conservation Biology*
2. Maute, K.L., French, K., Legge, S., Garnett, S.T. and Astheimer, L. in press. Relationships among grazing, frequent burning and condition measures in granivorous birds. *Animal Conservation*.
3. Myers, B.A., Fisher, R.P., Pickering, S. and Garnett, S.T. in press. Factors influencing sustainability of development project outcomes: a case study in eastern Indonesia. *Development in Practice*
4. Zander, K.K., Ainsworth, G., Meyerhoff, J. and Garnett, S.T. in press. Threatened bird valuation in Australia. *PLoS ONE*.



## Stephen Thomas GARNETT: CV February 2012

5. Zander, K.K., Dunnett, D.R., Brown, C., Campion, O., Daniels, C., Daniels, G., Nelson, E., Daniels, G., Blitner, G., Carson, D. and Garnett, S.T. in press. Indigenous natural and cultural resource management and mobility in Arnhem Land, northern Australia. *Human Ecology*
6. Franklin, D.C., Garnett, S.T., Luck, G.W., Gutierrez-Ibanez, C. and Iwaniuk, A.N. in press. Relative brain size in Australian birds. *Emu* 114: 160-170
7. Greiner, R., Puig, C.J., Huchery, C., Collier, N. and Garnett, S.T. 2014. Scenario modelling to support industry strategic planning and decision making. *Environmental Modelling and Software* 55: 120–131
8. Yarwood, M.R., Weston, M.A. and Garnett, S.T. 2014. From little things, big things grow; Trends and fads in 110 years of Australian ornithology. *Scientometrics* 98: 2235–2254.
9. Zander, K.K., Austin, B.J. and Garnett, S.T. 2014. Indigenous peoples' interest in wildlife-based enterprises in the Northern Territory, Australia. *Human Ecology* 42: 115-126.
10. Zander, K.K., Sing Tyan, P., Jinam, C., Tuen, A.A. and Garnett, S.T. 2014. Wild and Valuable? Tourist Values for Orang-utan Conservation in Sarawak. *Conservation and Society* 12: 27-42
11. Albrecht, G., Brooke, C., Bennett, D. and Garnett, S.T. 2013. The ethics of assisted colonization in the age of anthropogenic climate change. *Journal of Agricultural and Environmental Ethics* 26: 827-845.
12. Butchart, S.H.M., McCarthy, D.P., Balmford, A., Bennun, L.A., Buchanan, G.M., Burgess, N.D., Donald, P.F., Fishpool, L.D.C., Garnett, S.T., Leonard, D.L., Maloney, R.F., Schaefer, H.M., Scharlemann, J.P.W., Symes, A. and Wiedenfeld, D.A. 2013. Sharing Future Conservation Costs—Response. *Science* 339: 271-272.
13. Foden, W.B., Butchart, S.H.M., Stuart, S.N., Vié, J.-C., Akçakaya, H.R., Angulo, A., DeVantier, L.M., Gutsche, A., Turak, E., Cao, L., Donner, S.D., Katariya, V., Bernard, R., Holland, R.A., Hughes, A.F., O'Hanlon, S.E., Garnett, S.T., Şekercioğlu, Ç.H. and Mace, G. M. 2013. Identifying the World's Most Climate Change Vulnerable Species: A Systematic Trait-Based Assessment of all Birds, Amphibians and Corals *PLoS ONE* 8(6): e65427
14. Harris, S., Arnall, S., Byrne, M., Coates, D., Garnett, S.T., Hayward, M., Martin, T., and Mitchell, N. 2013. Whose backyard? Choosing sites for assisted colonisation. *Ecosystem Management and Restoration* 14: 106-111. doi 10.1111/emr.12041
15. Izurieta, A., Petheram, L., Stacey, N. and Garnett, S.T. 2013. Costs of participatory monitoring and evaluation of joint management of protected areas in the Northern Territory, Australia. *Australasian Journal of Environmental Management* 20: 21-33
16. Lunt, I.D., Byrne, M., Hellmann, J.J., Mitchell, N.J., Garnett, S.T., Hayward, M.W., Martin, T.G., McDonald-Madden, E., Williams, S. and Zander, K.K. 2013. Using assisted colonisation to conserve biodiversity and restore ecosystem function under climate change. *Biological Conservation* 157: 172-177.
17. Packer, C., Loveridge, A., Canney, S., Caro, T., Garnett, S.T., Pfeifer, M., Zander, K.K., Swanson, A., MacNulty, D., Balme, G., Bauer, H., Begg, C.M., Begg, K.S., Bhalla, S., Bissett, C., Bodasing, T., Brink, H., Burger, A., Burton, A.C., Clegg, B., Dell, S., Delsink, A., Dickerson, T., Dloniak, S.M., Druce, D., Frank, L., Funston, P., Gichohi, N., Groom,

- R., Hanekom, C., Heath, B., Hunter, L., Delongh, H.H., Joubert, C.J., Kasiki, S.M., Kissui, B., Knocker, W., Leathem, B., Lindsey, P.A., MacLennan, S.D., McNutt, J.W., Miller, S.M., Naylor, S., Nel, P., Ng'weno, C., Nicholls, K., Ogotu, J.O., Okot-Omoya, E., Patterson, B.D., Plumptre, A., Salerno, J., Skinner, K., Slotow, R., Sogbohossou, E.A., Stratford, K.J., Winterbach, C., Winterbach, H. and Polasky, S. 2013. Conserving large carnivores: dollars and fence. *Ecology Letters* 16, 635-641.
18. Packer, C., Swanson, A., Canney, S., Loveridge, A., Garnett, S., Pfeifer, M., Burton, A.C., Bauer, H., MacNulty, D. 2013. The case for fencing remains intact. *Ecology Letters* 16, 1414-e1414.
  19. Shoo, L.P., Hoffmann, A.A., Garnett, S.T., Pressey, R.L., Williams, Y.M., Taylor, M., Falconi, L., Yates, C.J., Scott, J.K., Alagador, D., Williams, S.E. 2013. Making decisions to conserve biodiversity under climate change. *Climatic Change* 119: 239-246.
  20. Stacey, N., Izurieta, I. and Garnett, S.T. 2013. Collaborative Measurement of Performance of Jointly Managed Protected Areas in Northern Australia. *Ecology and Society* 18(1): 19. doi 10.5751/ES-05273-180119
  21. Zander, K.K., Dunnett, D.R., Brown, C., Champion, O. and Garnett, S.T. 2013. Rewards for providing environmental services - where indigenous Australians' and western perspectives collide. *Ecological Economics* 87: 145-154. doi 10.1016/j.ecolecon.2012.12.029
  22. Zander, K.K., Garnett, S.T. and Petheram, L. 2013. Stay or leave? - Potential climate change adaptation strategies among Aboriginal people in coastal communities in northern Australia. *Natural Hazards* 67: 591-609. doi 10.1007/s11069-013-0591-4
  23. Zander, K.K., Mwacharo, J.M., Drucker, A.G. and Garnett, S.T. 2013. Constraints to effective adoption of innovative livestock production technologies in the Rift Valley (Kenya). *Journal of Arid Environments* 96: 9-18. doi 10.1016/j.jaridenv.2013.03.017
  24. Zander, K.K., Parkes, R., Straton, A. and Garnett, S.T. 2013. Water ecosystem services in northern Australia- how much are they worth and who should pay for their provision? *PLoS ONE* 8(5): e64411. doi:10.1371/journal.pone.0064411 doi 10.1371/journal.pone.
  25. McBride, M.F., Garnett, S.T., Szabo, J.K., Burbidge, A.H., Butchart, S.H.M., Christidis, L., Dutson, G., Ford, H.A., Loyn, R.H., Watson, D.M. and Burgman, M.A. 2012. Structured elicitation of expert judgments for threatened species assessment: a case study on a continental scale using email. *Methods in Ecology and Evolution* 3:906-920.
  26. Izurieta, A., Petheram, L., Stacey, N. and Garnett, S.T. in press. Costs of participatory monitoring and evaluation of jointly managed protected areas in the Northern Territory, Australia. *Australasian Journal of Environmental Management* in press
  27. Shoo, L.P., Hoffmann, A.A., Williams, S.E., Pressey, R.L., Williams, Y.M., Taylor, M., Falconi, L., Yates, C.J., Scott, J.K., Alagador, D., Garnett, S.T. Making decisions to conserve biodiversity under climate change. *Climatic Change* in press
  28. Stacey, N., Izurieta, I. and Garnett, S.T. in press. Jointly measuring performance in the joint management of protected areas in northern Australia. *Ecology and Society* in press
  29. Szabo, J.K., Khwaja, N., Garnett, S.T. and Butchart, S.H.M. in press Global patterns and drivers of avian extinctions at the species and subspecies level. *PLoS One* in press

30. Garnett, S.T. 2012. Unexpected outcomes of invasive predator control. *Animal Conservation* 15: 329-330
31. Martin, T., Nally, S., Burbidge, A., Arnall, S., Garnett, S.T., Harris, S., Hayward, M., Lumsden, L., Menkhorst, P., McDonald-Madden, E. and Possingham, H. 2012. Acting fast avoids extinction: Plight of the Christmas Island Pipistrelle and Orange-bellied Parrot. *Conservation Letters* 5: 274-280.
32. Lindenmayer, D.B., Gibbons, P., Bourke, M., Burgman, M., Dickman, C.R., Ferrier, S., Fitzsimons, J., Freudenberger, D., Garnett, S.T., Groves, C., Hobbs, R.J., Kingsford, R.T., Krebs, C., Legge, S., Lowe, A.J., McLean, R., Montambault, J., Possingham, H., Radford, J., Robinson, D., Smallbone, L., Thomas, D., Varcoe, T., Vardon, M., Wardle, G., Woinarski, J., and Zerger, A. 2012. Improving biodiversity monitoring in Australia. *Austral Ecology* 37, 285–294
33. Szabo, J.K., Butchart, S.H.M., Possingham, H.P. And Garnett, S.T. 2012. Adapting global biodiversity indicators to the national scale: a Red List Index for Australian birds. *Biological Conservation* 148: 61-68.
34. Ahmed, N. and Garnett, S.T. 2011. Integrated rice-fish farming in Bangladesh: meeting the challenges of food security. *Journal of Food Security* 3:81–92.
35. Ahmed, N., Muir, J.F. and Garnett, S.T. 2011. Bangladesh needs a 'Blue-Green Revolution' towards green economy. *AMBIO, A journal of the Human Environment* DOI: 10.1007/s13280-011-0160-6
36. Ahmed, N., Garnett, S.T. and Zander, K.K. 2011. Socioeconomic aspects of rice-fish farming in Bangladesh: opportunities, challenges and production efficiency. *Australian Journal of Agricultural and Resource Economics* 55:199-219.
37. Armstrong, G. and Garnett, S.T. 2011. Landscape partitioning among *Triodia* spp. (Poaceae) in the Kimberley, north-west Australia. *Austral Ecology* 36: 849–857.
38. Austin, M.B.J. and Garnett, S.T. 2011. Indigenous wildlife enterprise: mustering swamp buffalo (*Bubalus bubalis*) in northern Australia. *Journal of Enterprising Communities: People and Places in the Global Economy* 5: 309-323
39. Burbidge, A.A., Byrne, B., Coates, C., Garnett, S.T., Harris, S., Hayward, M.W. Martin, T.G., McDonald-Madden, E., Mitchell, N.J., Nally, S. and Setterfield, S.A. 2011. Is Australia ready for managed relocation? Policy changes required to facilitate translocation under climate change. *Pacific Conservation Biology* 17: 259-269.
40. Campbell, D., Burgess, C.P., Garnett, S.T. and Wakerman, J. 2011. Potential primary health care savings for chronic disease care associated with Australian Aboriginal involvement in land management. *Australian and New Zealand Journal of Public Health* 99:83-39.
41. Collier, N., Campbell, B.M., Sandker, M., Garnett, S.T., Sayer, J. and Boedhihartono, A. 2011. Science for action: The use of scoping models in conservation and development. *Environmental Science and Policy* 14: 628-638
42. Garnett, S.T. and Lindenmayer, D.B. 2011. Avoiding Apollo's curse and Troy's fate. *Trends in Ecology and Evolution* 26:380.
43. Garnett, S.T. and Lindenmayer, D.B. 2011. Conservation science must engender hope to succeed. *Trends in Ecology and Evolution* 26:59-60.

44. Garnett, S.T., Olsen, P., Butchart, S.H.M. and Hoffmann, A.A. 2011. Did hybridisation save the Norfolk Island Boobook Owl or cause its extinction? *Oryx* 45:500-504.
45. Garnett, S.T. and Zander, K.K. 2011. The economic value of environmental services on Indigenous held lands in Australia *PLoS One* 6: e23154
46. Garnett, S.T. and Zander, K.K. 2011. Minimum Viable Population size ignores evolutionary history. *Trends in Ecology and Evolution* doi:10.1016/j.tree.2011.08.005
47. Garnett, S.T., Joseph, L.M., Watson, J.E.M. and Zander, K.K. 2011. Investing in threatened species conservation: does corruption outweigh purchasing power? *PLoS One* 6: e22749
48. Hampton, V., Kaestli, M., Mayo, M., Choy, J.L., Harrington, G., Haslem, A., Benedict, S., Noske, R., Garnett, S.T., Godoy, D., Spratt, B.G. and Currie, B.J. 2011. Melioidosis in birds in Australia and the potential for dispersal of *Burkholderia pseudomallei*. *Emerging Infectious Diseases* 17: 1310-1312.
49. Law, R. and Garnett, S.T. 2011. Mapping carbon in tropical Australia: estimates of carbon stocks and fluxes in the Northern Territory using the national carbon accounting toolbox. *Ecological Management & Restoration* 12: 61-68.
50. Pham, T.T., Garnett, S.T. and Aslin, H. 2011. Organisational and institutional opportunities and constraints for poor households to participate in payment for environmental service schemes in Vietnam. *Asia Pacific Journal of Public Administration* 33: 1-19
51. Puig, C.J., Huchery, C., Perkins, I., Greiner, R., Bowen, L., Collier, N. and Garnett, S.T. 2011. Beyond cattle: potential futures of the pastoral industry in the Northern Territory. *The Rangeland Journal* 33: 181-194
52. Ahmed, N. and Garnett, S.T. 2010. Sustainability of freshwater prawn farming in rice fields in southwest Bangladesh. *Journal of Sustainable Agriculture* 34: 659-679
53. Alexandridis, K., Coe, K. and Garnett, S.T. 2010. Semantic analysis of natural language processing in a study of nurse mobility in the Northern Territory, Australia. *Journal of Population Research* 27 [online] 10.1007/s12546-010-9030-5
54. Carson, D., Coe, K., Zander, K., & Garnett, S. T. 2010. Does the type of job matter? Recruitment to Australia's Northern Territory. *Employee Relations* 32: 121-137.
55. Faustin, V., Adégbidi, A.A., Garnett, S.T., Koudandé, D.O., Agbo, V. and Zander, K.K. 2010. Peace, health or fortune? - Preferences for chicken traits in rural Benin. *Ecological Economics* 69:1849-1858
56. Garnett, S.T. and Williamson, G. 2010. Spatial and temporal variation in precipitation at the start of the rainy season in tropical Australia. *Rangelands Journal* 32: 215-226
57. Garnett, S.T., Williams, G., Ainsworth, G.B. and O'Donnell, M. 2010. Who owns feral Camels? Implications for managers of land and resources in central Australia. *Wildlife Research* 32: 87-93.
58. Pham, T.T., Campbell, M.B., Garnett, S.T., Aslin, H., Hoang, M.H. 2010. Importance and impacts of intermediary boundary organizations in facilitating Payment for Environmental Services in Vietnam. *Environmental Conservation* 37: 64-72
59. Wood, R. and Garnett, S.T. 2010. Regional sustainability in Northern Australia - a quantitative assessment of social, economic and environmental impacts. *Ecological Economics* 69: 1878-1883

60. Zander, K.K., Garnett, S.T. and Straton, A. 2010. Trade-offs between development and conservation: Willingness to pay for tropical river management among urban Australians. *Journal of Environmental Management* 91: 2519-2528
61. Cooney, S.J.N., Olsen, P.D. and Garnett, S.T. 2009. Ecology of the coprophagous moth *Trisyntopa neossophila* Edwards (Lepidoptera: Oecophoridae). *Australian Journal of Entomology* 48: 97-101.
62. Crowley, G.M., Garnett, S.T. and Shephard, S. 2009. Impact of storm-burning on *Melaleuca viridiflora* invasion of grasslands and grassy woodlands on Cape York Peninsula, Australia. *Austral Ecology* 34:196-209
63. Cunningham, A., Garnett, S. and Gorman, J. 2009. Policy lessons from practice: Australian bush products for commercial markets. *GeoJournal* 74 DOI 10.1007/s10708-008-9208-y
64. Cunningham, A.B, Garnett, S.T., Gorman, J., Courtenay, K. and Boehme, D. 2009. Eco-enterprises and *Terminalia ferdinandiana*: “best laid plans” and Australian policy lessons. *Economic Botany* 63:16-28.
65. Garnett, S.T., Crowley, G.M., Hunter-Xenie, H.M., Kozanayi, W., Sithole, B., Palmer, C., Southgate, R. and Zander, K.K.. 2009. Transformative knowledge transfer through empowering and paying community researchers. *Biotropica* 41: 571–577.
66. Garnett, S.T., Sithole, B., Whitehead, P., Burgess, P., Johnstone, F. and Lea, T. 2009. Healthy people, healthy country: policy implications of links between Indigenous human health and environmental condition in tropical Australia. *Australian Journal of Policy Review* 68: 53-66.
67. Gorman, J. and Garnett, S.T. 2009. Research, collaboration and community development – evolution of a partnership. *Learning Communities: International Journal of Learning in Social Contexts* December 2009: 86-103.
68. Pham, T.T., Campbell, B.M. and Garnett, S.T. 2009. Lessons for Pro-Poor Payments for Environmental Services: An Analysis of Projects in Vietnam. *Asia Pacific Journal of Public Administration* 31: 137-144.
69. Wood, R. and Garnett, S.T. 2009. Indigenous populations and remoteness - an assessment of sustainability in northern Australia using the ecological footprint. *Ecological Economics* 68:1375-1384
70. Drucker, A., Garnett, S.T., Luckert, M., Crowley, G.M. and Gobius, N. 2008. Manager-based valuations of alternative fire management regimes on Cape York Peninsula, Australia. *International Journal of Wildland Fire* 17: 660-673.
71. van Oosterzee, P. and Garnett, S.T. 2008. Seeing REDD: principles and possible opportunities in northern Australia. *Public Administration and Development* 28:1-7.
72. McCarthy, M.A., Thompson, C.J. and Garnett, S.T. 2008. Optimal investment in conservation of species. *Journal of Applied Ecology* 45: 1428-1435.
73. Brooke, M. de L., Butchart, S.H.M., Garnett, S.T., Crowley, G.M., Mantilla-Beniers, N.B. and Stattersfield, A.J. 2008. Rates of movement of threatened bird species between IUCN Red List Categories and toward extinction. *Conservation Biology* 14:1001-1013.
74. Ritchie, E.G., Martin, J.K., Krockenberger, A.K., Garnett, S.T. and Johnson, C.N. 2008. Large herbivore distribution and abundance in the tropics: intra- and inter-specific

- niche variation revealed by models across species' ranges. *Ecological Monographs* 78:105-182.
75. Wu, J., Garnett, S.T. and Barnes, A. 2008. Beyond An Energy Deal: Impacts of the Sino-Australia Uranium Agreement. *Energy Policy* doi:10.1016/j.enpol.2007.09.028
  76. Edwards, E., Cooney, S., Olsen, P. and Garnett, S.T. 2007. A new species of *Trisyntopa* Lower, 1918 (Lepidoptera: Oecophoridae) associated with the nests of the Hooded Parrot (*Psephotus dissimilis*, Psittacidae) in the Northern Territory. *Australian Journal of Entomology* 46: 276-280.
  77. Fischer, J., Manning, A., Steffen, W., Rose, D.B, Daniell, K., Felton, A., Garnett, S.T., Gilna, B., Heinsohn, R., Lindenmeyer, D.B., MacDonald, B., Mills, F., Newell, B., Reid, J., Robin, L., Sherren, K. and Wade, A. 2007. Mind the Gap: The Sustainability Challenge. *Trends in Ecology and Evolution*. 22: 621-624.
  78. Garnett, S.T. and Brook, B.W. 2007. Modelling to forestall extinction of Australian tropical birds. *Journal for Ornithology* 148: S311–S320.
  79. Garnett, S.T. and Christidis, L. 2007. Implication of changing species definitions for conservation purposes. *Bird Conservation International* 17: 187-195.
  80. Garnett, S.T., Sayer, J. and du Toit, J. 2007. Improving the effectiveness of interventions to balance conservation and development: a conceptual framework. *Ecology and Society*. *Ecology and Society* 12 (1): 2. [online] URL: <http://www.ecologyandsociety.org/vol12/iss1/art2/>
  81. Hall, D.J., Garnett, S.T., Barnes, T. and Stevens, M. 2007. Drivers of professional mobility in the Northern Territory: dental professionals. *Rural and Remote Health* 7:655 [Online] URL : [http://www.rrh.org.au/publishedarticles/article\\_print\\_655.pdf](http://www.rrh.org.au/publishedarticles/article_print_655.pdf)
  82. Pain, D.J., Martins, T.L.F., Boussekey, M., Diaz, S.H., Downs, C.T., Ekstrom, J.M.M., Garnett, S.T., McNiven, D., Gilardi, J.D., Primot, P., Rouys, S., Saoumoé, M., Symes. C., Tamungang, S.A., Theuerkauf, J., Villafuerte, D., Verfaillies, L., Widmann, P. and Widmann, I.D. 2006. Impact of protection and nest take and nesting success of parrots in Africa, Asia and Australasia. *Animal Conservation* 9: 322-330.
  83. Garnett, S.T., Clarkson, J.R., Felton, A., Harrington, G.N. and Freeman, A.N.D. 2005. The feeding ecology of the Star Finch *Neochmia ruficauda clarescens* at Princess Charlotte Bay, Cape York Peninsula in the early wet season. *Emu* 105: 81-85
  84. Garnett, S.T. and Haydon, J. 2005. Mapping research capacity in north-western Australia. *Journal of Information and Knowledge Management* 4:1-16.
  85. Hutchinson, M.F., McIntyre, S., Hobbs, R. J., Stein, J.L., Garnett, S.T. and Kinloch, J. 2005. Integrating a global agro-climatic classification with bioregional boundaries in Australia. *Global Ecology and Biogeography* 14: 197-212.
  86. Garnett, S.T., Harrington, G.N. Freeman, A.N.D. and Holmes, G. 2004. The Yellow White-eye *Zosterops lutea* on eastern Cape York Peninsula. *Australian Field Ornithology* 21: 118-120.
  87. Legge S., Heinsohn, R. and Garnett S.T. 2004. Nest hollow availability and breeding population size of eclectus parrots, *Eclectus roratus*, on Cape York Peninsula, Australia. *Wildlife Research* 31:149-161.

88. Garnett, S.T. 2003. Rearing conservation projects to maturity – changing the metaphor for conservation success. *Oryx* 37:1-2
89. Garnett, S.T., Crowley, G.M. and Balmford, A. 2003. The Costs and Effectiveness of Funding the Conservation of Australian Threatened Birds. *BioScience* 53:658-665.
90. Garnett, S.T., Crowley, G.M. and Stattersfield, A.J. 2003. Changes in the conservation status of Australian birds resulting from differences in taxonomy, knowledge and the definitions of threat. *Biological Conservation* 113: 269 – 276.
91. Todd, M.K., Felton, A. and Garnett, S.T. 2003. Morphological and dietary differences between common and uncommon subspecies of Crimson Finch *Neochmia phaeton* and Star Finch *Neochmia ruficauda* in Northern Australia. *Emu* 102: 141-148.
92. Crowley, G.M. and Garnett, S.T. 2001. Food value and tree selection in Glossy Black-Cockatoos *Calyptorhynchus lathami*. *Austral Ecology* 26:116-126.
93. Crowley, G. M. and S. T. Garnett 2001. Growth, seed production and effect of defoliation in an early flowering perennial grass, *Alloteropsis semialata* (Poaceae), on Cape York Peninsula, Australia. *Australian Journal of Botany* 49: 735-43.
94. Garnett, S.T. 2001. Third Line Insurance – reducing the risk to natural capital. *Australian Journal of Environmental Management* 8: 233-238.
95. Crowley, G.M. and Garnett, S.T. 2000. Changing fire management in the pastoral lands of Cape York Peninsula of northeast Australia, 1623-1996. *Australian Geographical Studies* 38:10-26.
96. Garnett, S.T., Britton, P. and Crowley, G.M. 2000. A northward extension of range of the Glossy Black-Cockatoo *Calyptorhynchus lathami*. *Sunbird* 30:18-22.
97. Crowley, G.M. and Garnett, S.T. 1999. Vegetation change in the grasslands and grassy woodlands of east-central Cape York Peninsula. *Pacific Conservation Biology* 4:132-148.
98. Crowley, G.M. and Garnett, S.T. 1999. Seeds of the annual grasses *Schizachyrium* spp. as a food resource for tropical granivorous birds. *Australian Journal of Ecology* 24:208-220.
99. Crowley, G.M., Garnett, S.T. and Pedler, L.P. 1999. Assessment of the role of captive breeding and translocation in the recovery of the Glossy Black-Cockatoo in South Australia. *Birds Australia Report series* 5.
100. Garnett, S.T. 1999. Still many miles to Babylon: a response to Harry Recher. *Australian Zoologist* 31:28-29.
101. Garnett, S.T., Pedler, L.P. and Crowley, G.M. 1999. Breeding biology of the Glossy Black-Cockatoo *Calyptorhynchus lathami halmaturinus* on Kangaroo Island. *Emu* 99:262-279.
102. Garnett, S.T., Whybird, O. and Spencer, H. 1999. The conservation status of the Spectacled Flying-fox in Australia. *Australian Zoologist* 31:38-54.
103. Garnett, S.T. 1998. Clarification of the type locality of the Golden-shouldered Parrot. *Bulletin of the British Ornithologists Club* 118:196-200.

104. Garnett, S.T. 1998. Red-tailed Black-Cockatoo damage and damage mitigation at Lakeland Downs, Cape York Peninsula. *Eclectus* 5: 26-34.
105. Garnett, S.T., Crowley, G.M., Delaney, M. and Shephard, P. 1998. Fluctuations in the population of Squatter Pigeon *Geophaps scripta* at Coen, Cape York Peninsula. *Sunbird* 28: 53-54.
106. Garnett, S.T. and Shephard, S. 1997. Cape York Peninsula, Australia, as a stopover site for Latham's Snipe *Gallinago hardwickii*. *Stilt* 30:54-55.
107. Garnett, S.T. and Smith, R. 1997. A second record of a Papuan species of Paradise-Kingfisher in Torres Strait and its relevance to the dissemination of Japanese Encephalitis. *Sunbird* 27: 83-84.
108. Garnett, S.T. and Crowley, G.M. 1996. A new population of the Zitting Cisticola *Cisticola juncidis* on Cape York Peninsula. *Sunbird* 26:60-62.
109. Garnett, S.T. and Crowley, G.M. 1996. Range Extension of the White-streaked Honeyeater *Trichodere cockerelli*. *Sunbird* 20:22-23.
110. Komsic, W., Garnett, S.T. and Crowley, G.M. 1996. Magpie Geese *Anseranas semipalmata* nesting in trees. *Sunbird* 20:79-80.
111. Bell, M., Shield, J. and Garnett, S.T. 1995. Japanese Encephalitis in Australia: wildlife considerations. *Communicable Diseases Intelligence* 19: 647-648.
112. Garnett, S.T. and Crowley, G.M. 1995. Feeding Ecology of Hooded Parrots *Psephotus dissimilis* during the wet season. *Emu* 95:54-61.
113. Garnett, S.T. and Crowley, G.M. 1995. The decline of the Black Treecreeper *Climacteris picumnus melanota* on Cape York Peninsula. *Emu* 95:66-68.
114. Garnett, S.T. and Crowley, G.M. 1994. Wet season feeding by four species of granivorous birds in the Northern Territory. *Australian Bird Watcher* 15: 306-309.
115. Garnett, S.T., Loyn, R.H. and Tully, D. 1994. The feeding behaviour of a Square-tailed Kite. *Australian Bird Watcher* 15:319.
116. Garnett, S.T. 1993. Do White-faced Herons really eat cows? *Australian Bird Watcher* 15:242.
117. Garnett, S.T., Crowley, G.M., Duncan, R., Baker, N. and Doherty, P. 1993. Notes on live Night Parrot sightings in north-western Queensland. *Emu* 93:292-297.
118. Garnett, S.T., Williams, A.C., Hindmarsh, R.W.H. and Hindmarsh, N.L. 1991. Island colonisation by Yellow-bellied Sunbird *Nectarinia jugularis* after possible reconnaissance. *Emu* 91:185-186.
119. Garnett, S.T., Sutton, P., Lowe, K.W. and Gray, S. 1990. Land bird migration across Bass Strait, autumn 1988. *Corella* 15:1-7.
120. Garnett, S.T. and Flanagan, M. 1989. Survey for Newcastle Disease in northern Queensland birds. *Australian Veterinary Journal* 66: 129-134.
121. Garnett, S.T. 1988. Digestion, assimilation and metabolism of captive estuarine crocodiles *Crocodylus porosus*. *Comparative Biochemistry and Physiology* 90A: 23-29.
122. Garnett, S.T., Draffan, R.D.W., Hindmarsh, R.W.H. and Williams, A.C. 1988. Booby Island. *Corella* 12: 69-71.



## Stephen Thomas GARNETT: CV February 2012

123. Garnett, S.T. 1987. Kusamet Islands. *Corella* 11: 77-78.
124. Garnett, S.T. 1987. An Australian record of Gurney's Eagle. *Australian Bird Watcher* 12: 134-135.
125. Garnett, S.T. 1987. Feather-clipping: a Nauruan technique for short-term recognition of individual birds. *Corella* 11: 30-31.
126. Garnett, S.T. 1987. Aerial surveys of waders (Aves: Charadriiformes) along the coast of north-eastern Australia. *Australian Wildlife Research* 14: 521-528.
127. Garnett, S.T. and Crowley, G.M. 1987. Manowar Island. *Corella* 11: 73-74.
128. Garnett, S.T. and Crowley, G.M. 1987. Rocky Island. *Corella* 11: 75-76.
129. Garnett, S.T. 1986. Metabolism and survival of fasting Estuarine Crocodiles. *Journal of Zoology, London* 208: 493-502.
130. Garnett, S.T. 1986. Seasonal changes in the wader population in the south-east of the Gulf of Carpentaria. *Stilt* 8: 9-13.
131. Garnett, S.T. and Murray, R.M. 1986. Parameters affecting the growth of the Estuarine Crocodile, *Crocodylus porosus*, in captivity. *Australian Journal of Zoology* 34: 211-223.
132. Garnett, S.T. 1985. Fatty acid nutrition of the Estuarine Crocodile *Crocodylus porosus*. *Comparative Biochemistry and Physiology* 81B: 1033-1035.
133. Garnett, S.T. 1985. The consequences of slow chitin digestion on crocodilian diet analyses. *Journal of Herpetology* 19: 303-304.
134. Garnett, S.T. 1985. Heronries of the Mitchell River Delta. *Sunbird* 15: 1-4.
135. Garnett, S.T. 1985. Mortality and group cohesion in migrating Rainbow Bee-eaters. *Emu* 85: 267-268.
136. Garnett, S.T. 1985. Evidence for polyandry in the Comb-crested Jacana. *Stilt* 7: 24.
137. Garnett, S.T. 1985. Nesting behaviour of the Bush Thick-knee. *Stilt* 7: 24-25.
138. Garnett, S.T. 1985. Black-breasted Buzzard robbing Little Tern nests. *Australian Bird Watcher* 11: 64-65.
139. Garnett, S.T. and Bredl, R. 1985. Birds in the vicinity of Edward River settlement. *Sunbird* 15: 6-23, 25-40.
140. Garnett, S.T., Crowley, G.M. and Goudberg, N.J. 1985. Non-nesting emergence by Green Turtles in the Gulf of Carpentaria. *Copeia* 1984: 262-264.
141. Garnett, S.T. and Minton, C.D.T. 1985. Notes on the movements and distribution of the Little Curlew *Numenius minutus* in northern Australia. *Australian Bird Watcher* 11: 69-73.
142. Garnett, S.T., Price, I.R. and Scott, F.J. 1985. The diet of the Green Turtle *Chelonia mydas* (L.), in Torres Strait. *Australian Wildlife Research* 12: 103-112.
143. Draffan, R.D.W., Garnett, S.T. and Malone, G.J. 1983. Birds of the Torres Strait: an annotated list and biogeographical analysis. *Emu* 83: 207-232.
144. Garnett, S.T. 1983. Report on the fifth aerial survey of migrating wading birds between Weipa and Milingimbi, 9-13 February 1983. *Stilt* 4: 15-17.
145. Garnett, S.T. and Jackes B.R. 1983. An annotated list of plants from Badu Island. 12: 6-14.

146. Garnett, S.T. and Carruthers, I.B. 1982. Error in aerial surveys of wading birds. *Stilt* 3: 5-8.
147. Garnett, S.T. and Carruthers, I.B. 1982. Report on the second aerial survey of waders in N.E.Australia, February 1982. *Stilt* 3: 18-20.
148. Guard, R. and Garnett, S.T. 1982. Report on the first aerial survey of waders in N.E.Australia, December 1981. *Stilt* 3: 16-17.
149. Garnett, S.T., and Murray, R.M. 1981. Farm management and nutrition of the Green Turtle (*Chelonia mydas*). *Proceedings of the Melbourne Herpetological Symposium*. 1: 60-5.
150. Garnett, S.T. 1980. Nutritional problems of farmed turtles. *Applied Ecology Research Monograph* 1: 36-41.
151. Garnett, S.T. 1980. The social organisation of the Dusky Moorhen *Gallinula tenebrosa* Gould (Aves: Rallidae). *Australian Wildlife Research* 7: 103-112.
152. Eskill, R. and Garnett, S.T. 1979. Notes on the colours of the legs, wings and flanks of the Dusky Moorhen *Gallinula tenebrosa*. *Emu* 79:143-146.
153. Garnett, S.T. 1978. The behaviour patterns of the Dusky Moorhen *Gallinula tenebrosa* Gould (Aves: Rallidae). *Australian Wildlife Research* 5: 363-384.
154. Austin, B. and Garnett, S.T. Wildlife, markets and indigenous entrepreneurs: commercial use of *Terminalia ferdinandiana* in Northern Australia. *Human Ecology*
155. Foden, W. B., Butchart, S. H. M., Stuart, S. N., Vié, J-C., Akçakaya, H. R., Angulo, A., DeVantier, L. M., Gutsche, A., Turak, E., Cao, L., Donner, S. D., Katariya, V., Bernard, R., Holland, R. A., Hughes, A. F., O'Hanlon, S. E., Garnett, S. T., Şekercioğlu, Ç. H. and Mace, G. M. Climate change susceptibility of the world's birds, amphibians and corals. *Nature Climate Change*
156. Harris, S., Arnall, S., Byrne, M., Coates, D., Garnett, S.T., Hayward, M., Martin, T., and Mitchell, N. submitted. Whose backyard? Choosing sites for assisted colonisation. *Oryx*
157. Lunt, I.D., Hellmann, J.J., Mitchell, N.J., Byrne, M., Garnett, S.T., Hayward, M.W., Martin, T.G., McDonald-Madden, E., Williams, S. and Zander, K.K. submitted. Managed relocation to restore ecosystem function and conserve biodiversity under climate change. *Biological Conservation*
158. Myers, B.A., Fisher, R.P., Pickering, S. and Garnett, S.T. Factors influencing sustainability of development project outcomes: a case study in eastern Indonesia. *Agricultural Systems*
159. Packer, C., Canney, S., Loveridge, A., Garnett, S.T., Zander, K.K. Balme, G., Bauer, H., Begg, C., Begg, K., Bhalla, S., Brink, H., Burton, C., Caro, T., Clegg, B., Dloniak, S.M., Frank, L., Funston, P., Groom, R., Heath, B., Hunter, L., Delongh, H.H., Joubert, C.J., Kasiki, S.M., Kissui, B., Knocker, W., Leathem, B., Lindsey, P.A., Maclennan, S.D., McNutt, J.W., Nicholls, K., Ogutu, J.O., Okot-Omoya, E., Patterson, B.D., Plumptre, A., Salerno, J., Slotow, R., Sogbohossou, E.A. Stratford, K., Winterbach, C. Winterbach, H.,

- MacNulty, D., Polasky, S. submitted. Conserving Large Carnivores: Dollars and Fence. *PNAS*
160. Reside, A.E., VanDerWal, J., Kut, A., Williams, S.E. and Garnett, S.T. submitted. Assessing vulnerability to climate change: a comprehensive examination of the Australian tropical savanna birds. *Ecography*
161. Yarwood, M.R., Weston, M.A. and Garnett, S.T. From little things, big things grow; Trends and fads in 110 years of Australian ornithology. *Emu*
162. Zander, K.K., Dunnett, D.R., Brown, C., Campion, O. and Garnett, S.T. submitted. 'Looking after Country' versus providing environmental services - Where Indigenous and Western perspectives collide. *Ecological Economics*
163. Zander, K.K., Mwacharo, J.M., Drucker, A.G. and Garnett, S.T. Constraints to adopting livestock improvement technologies in Kenya: the case of Narok and Nakuru districts. *Journal of African Economics*.
164. Zander, K.K., Parkes, R., Straton, A. and Garnett, S.T. Water ecosystem services in northern Australia- how much are they worth and who should pay for their provision? *Water Resources Research*

#### BOOK CHAPTERS

165. Ibanez, J., Austin, B.J. and Garnett, S.T., in press. Planning sustainable development within ancestral domains: Indigenous people's perceptions in the Philippines. In: Iankova, K., Hassan, A. and L'Abbé, R. (Eds), Indigenous people and economic development. Gower, Farnham.
166. Garnett, S.T., Austin, B.J. and Zander, K.K., in press. Culture-based enterprise opportunities for Indigenous people in the Northern Territory, Australia. In: Iankova, K., Hassan, A. and L'Abbé, R. (Eds), Indigenous people and economic development. Gower, Farnham.
167. Franklin, D.C., Reside, A.E. and Garnett, S.T. 2014. Climate change adaptation strategies for Australian birds. in Palutikoff, J. Applied climate change adaptation research. Wiley, New York.
168. Garnett, S.T., Szabo, J.K. and Franklin, D.C. 2014. Australian birds: current status and future prospects. in Stow, A. (ed.) Austral Ark. Cambridge University Press, Cambridge.
169. Franklin, D.C. and Garnett, S.T. 2014. Introduction. in Garnett, S.T. and Franklin, D.C. (Eds.) Climate Change Action Plan for Australian Birds. CSIRO, Melbourne.
170. Franklin, D.C., Ehmke, G., VanDerWal, J. and Garnett, S.T. 2014. The exposure of Australian birds to climate change. in Garnett, S.T. and Franklin, D.C. (Eds.) Climate Change Action Plan for Australian Birds. CSIRO, Melbourne.
171. Franklin, D.C., Ehmke, G. and Garnett, S.T. 2014. The vulnerability of Australian birds to climate change. in Garnett, S.T. and Franklin, D.C. (Eds.) Climate Change Action Plan for Australian Birds. CSIRO, Melbourne.

172. Franklin, D.C., Reside, A.E. and Garnett, S.T. 2014. Conserving Australian bird populations in the face of climate change in Garnett, S.T. and Franklin, D.C. (Eds.) *Climate Change Action Plan for Australian Birds*. CSIRO, Melbourne.
173. Garnett, S.T., Pavey, C.R., Ehmke, G, VanDerWal, J., Hodgson, L. and Franklin, D.C. 2014. Adaptation outlines for species that are both highly sensitive and highly exposed. in Garnett, S.T. and Franklin, D.C. (Eds.) *Climate Change Action Plan for Australian Birds*. CSIRO, Melbourne.
174. Garnett, S.T. and Zander, K.K. in press. Implications of demography for sustainability in remote and regional communities. In: Mohd-Azlan, J.A. (Ed.) *RIMBA3: Regional Sustainable Development in Malaysia and Australia*. UNIMAS, Malaysia.
175. Zander, K.K., Pang, S.T., Tuen, A.A. and Garnett, S.T. in press. Targeting the right person - Who would pay for protecting wild orang-utans in Sarawak? In: Mohd-Azlan, J.A. (Ed.) *RIMBA3: Regional Sustainable Development in Malaysia and Australia*. UNIMAS, Malaysia.
176. Aslin, H.J., Collier, N. and Garnett, S.T. 2013. Community-based natural resource management and environmental assessment: finding a place for indigenous and non-indigenous communities. Pp. 53-73 in Lockie, S. and Aslin, H.J. (eds.) *Engaged environmental citizenship*. CDU Press, Darwin.
177. Ainsworth, G.B., Garnett, S.T. and Aslin, H.J. 2012. The values of wildlife embodied in protected areas. In Mazlin Mokhtar & Sharina Abdul Halim (Eds.), *RIMBA2: Regional Sustainable Development in Malaysia and Australia*, pg. 62-69. Bangi. LESTARI Publisher. ISBN 978-967-5227-50-9 (In press)
178. Garnett, S.T. 2012. Providing birds for birdwatchers: a potentially lucrative environmental service. In Mazlin Mokhtar & Sharina Abdul Halim (Eds.), *RIMBA2: Regional Sustainable Development in Malaysia and Australia*, pg. 91-97. Bangi. LESTARI Publisher. ISBN 978-967-5227-50-9 (In press)
179. Zander, K.K., Garnett, S.T., and Noweg, G.T. 2012. Valuing the orangutans of sarawak. In Mazlin Mokhtar & Sharina Abdul Halim (Eds.), *RIMBA2: Regional Sustainable Development in Malaysia and Australia*, pg. 124-135. Bangi. LESTARI Publisher. ISBN 978-967-5227-50-9 (In press)
180. Garnett, S.T. 2012. Monitoring Australian birds to meet international obligations. Pp. 33-42 in *Biodiversity Monitoring in Australia*. Eds. Lindenmayer, D. and Gibbons, P. CSIRO, Melbourne.
181. Garnett, S.T. 2011. Climate change and invasive species. Pp. 113-117 in *Kakadu National Park Landscape Symposia Series 2007-2009. Symposium 5: Feral animal management*. Ed. Jambrecina M., Supervising Scientist Division, Department of the Environment, Water, Heritage and the Arts. Internal Report 568.
182. Garnett, S.T. and Woinarski, J.C.Z. 2010. Potential impacts of climate change on terrestrial biodiversity. Pp. 64-68 in *Kakadu National Park Landscape Symposia Series 2007-2009. Symposium 4: Climate change*. Ed. Winderlich S., Supervising Scientist Division, Department of the Environment, Water, Heritage and the Arts. Internal Report 567.
183. Garnett, S.T., Woinarski, J.C.Z., Crowley, G.M. and Kutt, A.S. 2010. Biodiversity conservation in Australian tropical rangelands. Pp 191-234. in *Can Rangelands be*

- Wildlands?: Wildlife and Livestock in Semi-arid ecosystems*. Eds. du Toit, J., Kock R. and Deutsch, J. Blackwell Scientific, London.
184. Garnett, S.T. and Ainsworth, G. 2009. Joint management and multiple use in a climate change era. Pp 59-63. *RIMBA: Sustainable forest livelihoods in Malaysia and Australia*. Eds. Ainsworth, G.B. and Garnett, S.T. Lestari: UKM, Malaysia.
  185. Garnett, S.T. 2009. Enterprise development by Indigenous communities using natural resources: where do the benefits go? Pp. 64-70 in *Prepare for Impact! Where people and Environment Collide in the Tropics* Eds. Stacey, N., Boggs, G., Campbell, B. and Steffen, W. Charles Darwin University Press, Darwin
  186. Garnett, S.T. and Pham, T.T. 2009. The operation of the Voluntary Carbon Market (VCM) and its potential for Vietnam. Pp. 115-119. in *Linkages of Forest Protection, Economic Growth and Poverty Reduction - Issues and Approaches in Vietnam*. Eds. Minh, H.H., Hoang, Y.M. and Vi, S.T. World Agroforestry Centre, ICRAF, Hanoi.
  187. Carey R, O'Donnell M, Ainsworth G.B., Garnett S.T., Haritos H, Williams G, Edwards GP, McGregor M and Zeng B. 2008. Review of legislation and regulations relating to feral camel management (summary), Chapter 6 pp 125–132 in *Cross-jurisdictional management of feral camels to protect NRM and cultural values*. Eds. GP Edwards, M McGregor, B Zeng, P Vaarzon-Morel and WK Saalfeld, DKCRC Report 47. Desert Knowledge Cooperative Research Centre, Alice Springs.  
[http://www.cdu.edu.au/ser/profiles/documents/DKCRC-Report-47-Ch06\\_Carey-et-al\\_Review-of-legislation-and-regulations-relating-to-feral-cam.pdf](http://www.cdu.edu.au/ser/profiles/documents/DKCRC-Report-47-Ch06_Carey-et-al_Review-of-legislation-and-regulations-relating-to-feral-cam.pdf)
  188. Garnett, S.T. and Crowley, G.M. 2008. The history of threatened birds in Australia and its offshore islands. Pp. 353-401 In *Contributions to the History of Australasian Ornithology*. eds. Davis, W.E., Recher, H.F., Boles, W.E. Harvard, Massachusetts: Nuttall Ornithological Club.
  189. Cunningham, A. B., Garnett, S.T. and Stacey, N. 2007. Evaluation of non-timber forest product species as potential elements of agroforestry systems. Pp.176-183 In *Integrated Rural Development in Eastern Indonesia. Proceedings of a workshop to identify sustainable rural livelihoods, held in Kupang, Indonesia, 5–7 April 2006*. Eds. Djoeroemana, S., Myers, B., Russell-Smith, J., Blyth, M. and Salean, I.E.T. ACIAR Proceedings No.126.
  190. Garnett, S.T. 2007. Cockatoo damage to peanuts in Lakeland Downs, Cape York Peninsula, Queensland. Pp 110-111. in Tracey, J., Bomfod, M., Hart, Q., Saunders, G. and Sinclair, R. *Managing bird damage to fruit and other horticultural crops*. Bureau of Rural Sciences, Canberra.
  191. Garnett, S.T., Luckert, M.K., Campbell, B.M., Kerins, S., Morris, L., Morrison, J. and Whitehead, P.J. 2007. Summary and Conclusions: Problems and Promise in supporting Indigenous Natural Resources Management. Pp. In *Investing in Indigenous Natural Resource Management*. Eds. Luckert, M.K., Campbell, B.M., Gorman, J.T. and Garnett, S.T., CDU Press, Darwin.
  192. Garnett, S.T. and Woinarski, J.C.Z. 2007. A Case for Indigenous Management of Threatened Species. Pp. In *Investing in Indigenous Natural Resource Management*. Eds. Luckert, M.K., Campbell, B.M., Gorman, J.T. and Garnett, S.T., CDU Press, Darwin.

193. Bennett, P., Owens, I., Nussey, D., Garnett, S.T. and Crowley, G.M. 2005. Mechanisms of extinction in birds: phylogeny, ecology and threats. Chapter 7. Pp. 317-336 in *Phylogeny and Conservation*. Eds. Purvis, A., Gittleman, J.L. and Brooks, T. Cambridge University Press, Cambridge.
194. Garnett, S.T., Crowley, G.M. and Barrett, G. 2003. Birds Pp. 63-81. In *National Land and Water Resources Audit*. Department of Primary Industries and Energy, Canberra.
195. Dennis, A.J., Garnett, S.T. and Moran, C. 2003. Seed dispersal in rainforest conservation and restoration. Pp. 36-37. In *Animal-Plant Interaction in Rainforest Conservation and Restoration. Workshop Proceedings 11 November 2003*. Eds. Kanowski, J., Catterall, C.P., Dennis, A.J. and Westcott, D.A. Rainforest CRC, Cairns.
196. Smith, K. and Garnett, S.T. 2003. Animal-plant interaction: a rainforest conservation manager's perspective. Pp. 17-19. In *Animal-Plant Interaction in Rainforest Conservation and Restoration. Workshop Proceedings 11 November 2003*. Eds. Kanowski, J., Catterall, C.P., Dennis, A.J. and Westcott, D.A. Rainforest CRC, Cairns.
197. Garnett, S.T. and Crowley, G.M. 2003. Cape York Peninsula. Pp. 220-229 In *Wilderness: Earth's Last Wild Places*. Eds, Mittermeier, R.A., Mittermeier, C.G., Gil, P.R., Pilgrim, J., Fonesca, G., Brooks, T. and Konstant, W. R. Cemex, Mexico City.
198. Garnett, S.T. 2000. Australia, New Zealand and the south-west Pacific. Overview. Pp 34-35. in Snyder, N., McGowan, P., Gilardi, J. and Grajal, A. (eds.) *Parrots. Status Survey and Conservation Action Plan 2000-2004*. IUCN, Gland, Switzerland and Cambridge, UK.
199. Garnett, S.T. and Crowley, G.M. 1999. The Golden-shouldered Parrot In *Handbook of Birds of Australia, New Zealand and Antarctica*. Vol.4. Edited by Higgins, P.J. Oxford University Press, Melbourne.
200. Garnett, S.T. and Crowley, G.M. 1997. The Golden-shouldered Parrot of Cape York Peninsula: the importance of cups of tea to effective conservation. In. *Conservation outside Nature Reserves*. Pp. 201-205. Eds. Hale, P. and Lamb, D. University of Queensland, St Lucia.
201. Blaber, S., Battam, H., Brothers, N. & Garnett, S.T. (1996). Threatened and migratory seabird species in Australia: an overview of status, conservation and management. In: Ross, G.J.B., Weaver, K. & Greig, J.C., eds. *The Status of Australia's Seabirds: Proceedings of the National Seabird Workshop, Canberra, 1-2 November 1993*. Page(s) 13-27. Biodiversity Group, Environment Australia, Canberra.
202. Garnett, S.T. 1992. The Torres Strait as a barrier to rainforest bird movement. In Australian National Rainforest Study Report Vol. 1. in *Proceedings of a workshop on the past, present and future of Australian rainforests, Griffith University, Dec. 1983*. (Eds. Werren, G.L. and Kershaw, A.P.). Australian Heritage Commission, Canberra.
203. Garnett, S.T. 1991. Oceanic Birds. In *Oceans and Islands: The Encyclopedia of the Earth*. Eds. Talbot, F.H. and Stevenson, R.E. Smithmark, New York.
204. Garnett, S.T. 1991. Fairy Wrens and their allies. In *Encyclopedia of Birds*. Ed. Forshaw, J., Smithmark, New York.

## Stephen Thomas GARNETT: CV February 2012

205. Garnett, S.T. 1991. Logrunners. In *Encyclopedia of Birds*. Ed. Forshaw, J., Smithmark, New York.
206. Garnett, S.T. 1991. Monarchs and their allies. In *Encyclopedia of Birds*. Ed. Forshaw, J., Smithmark, New York.
207. Garnett, S.T. 1991. Subantarctic Birds. In *Islands: The Encyclopedia of the Earth*. Eds. Talbot, F.H. and Stevenson, R.E. Smithmark, New York.

## AUTHORED BOOKS

208. Garnett, S.T., Franklin, D.C., Ehmke, G., VanDerWal, J.J., Hodgson, L., Pavey, C., Reside, A.E., Welbergen, J.A., Butchart, S.H.M., Perkins, G.C. and Williams, S.E. 2013. Climate change adaptation strategies for Australian birds. National Climate Change
209. Garnett, S.T., Szabo, J. and Dutson, G. 2011. *Action Plan for Australian Birds 2010*. CSIRO, Melbourne.
210. Garnett, S. T., Coe, K., Golebiowska, K., Walsh, H., Zander, K.K., Guthridge, S., Li, S. & Malyon, R. 2008. *Attracting and Keeping Nursing Professionals in an Environment of Chronic Labour Shortage: A Study of Mobility among Nurses and Midwives in the Northern Territory of Australia*. Charles Darwin University Press, Darwin.
211. Garnett, S.T., Woinarski, J., Gerritsen, R. and Duff, G. 2008. *Future options for north Australia*. CDU Press and CRC for Tropical Savannas, Darwin.
212. Crowley, G.M., Garnett, S.T. and Shephard, S. 2004. *Management guidelines for golden-shouldered parrot conservation*. Queensland Parks and Wildlife Service, Brisbane.
213. Garnett, S.T. and Crowley, G. M. 2000. *The Action Plan for Australian Birds 2000*. Environment Australia, Canberra.
214. Garnett, S.T. 1992. *The Action Plan for Australian Birds*. Australian National Parks and Wildlife Service, Canberra.
215. Garnett, S.T. and Cox, J. 1988. *Birds of the Townsville Town Common*. 2nd Edition. Queensland National Parks and Wildlife Service, Townsville. 200 pp.
216. Garnett, S.T., Lane, B., Schulz, M. and Wood, K. 1986. *Birds of Port Phillip Bay*. Ministry of Planning and Environment, Melbourne. 90 pp.
217. Garnett, S.T. and Cox, J. 1983. *Birds of the Townsville Town Common*. The Authors, Townsville. 200 pp.

## EDITED BOOKS

218. Garnett, S.T. and Franklin, D.C. (eds.) 2014. Climate Change Action Plan for Australian Birds. CSIRO, Melbourne.
219. Ainsworth, G.B. and Garnett, S.T. (eds) 2009. *RIMBA: Sustainable forest livelihoods in Malaysia and Australia*. Lestari, UKM, Malaysia.

220. Luckert, M.K., Campbell, B.M., Gorman, J.T. and Garnett, S.T. (eds.) 2007. *Investing in Indigenous Natural Resource Management*. Charles Darwin University Press, Darwin.
221. Garnett, S.T. (ed.) 1993. *Threatened and Extinct Birds of Australia*. RAOU, Melbourne. 300 pp.
222. Brouwer, J. and Garnett, S.T. (eds.) 1990. *Threatened Birds of Australia*. RAOU, Melbourne. 200 pp.

#### SUBEDITED BOOKS

223. *Movements In Handbook of Birds of Australia, New Zealand and Antarctica*. Vol.1. Edited by S.Marchant and P.J.Higgins. 1990. Oxford University Press, Melbourne.
224. *Food In Handbook of Birds of Australia, New Zealand and Antarctica*. Vol.1. Edited by S.Marchant and P.J.Higgins. 1990. Oxford University Press, Melbourne.
225. Editorial adviser for *Crocodiles and Alligators*. C.A.Ross (consulting ed.) 1989. Golden Press, Sydney.

#### REPORTS

226. Garnett, S.T. and Huchery, C. 2010. Reporting Sustainability in the Northern Territory. Report to the Northern Territory Department of Natural Resources, Environment, the Arts and Sport. School for Environmental Research, Charles Darwin University, Darwin.
227. Aslin, H.J., Collier, N. & Garnett, S.T. 2009. Community-based natural resource management and environmental impact assessment. Report to the Environment Protection Authority, Northern Territory Government. School for Environmental Research, Charles Darwin University, Darwin.
228. Austin, B.J. and Garnett, S.T. 2009. State of the Environment Reporting: A review of theory and practice. Report to the Department of Natural Resources, Environment, the Arts and Sports, Northern Territory Government. School for Environmental Research, Charles Darwin University, Darwin.
229. Collier, N. & Garnett, S.T. 2009. Ecological footprints: the science, current practices, and their application in the Northern Territory. Report to the Environment Protection Authority, Northern Territory Government. School for Environmental Research, Charles Darwin University, Darwin.
230. Collier, N., Huchery, C. & Garnett, S.T. 2009. Environment Protection Authority Knowledge Resource Network. Report to the Environment Protection Authority, Northern Territory Government. School for Environmental Research, Charles Darwin University, Darwin.
231. Dutson, G., Garnett, S.T. and Gole, C. 2009. Australia's Important Bird Areas: Key sites for Bird Conservation. Birds Australia (RAOU) Conservation Statement No. 15.



232. Law, R. and Garnett, S.T. 2009. Understanding carbon in the Northern Territory: an analysis of future land use scenarios using the national carbon accounting tool. Report to the Tropical Savanna Management Cooperative Research Centre. School for Environmental Research, Charles Darwin University, Darwin.
233. Garnett, S, Puig, J, Huchery, C, Petheram, L, Collier, C, Concu, G and Brooke, C. 2009. Integrated scenario planning across shared landscapes: a territory-wide approach. Final report. Natural Resource Management Board (NT) Inc.
234. Garnett, S, Puig, J, Huchery, C, Petheram, L, Collier, C, Concu, G and Brooke, C. 2009. Scenario planning for climate change in tropical landscapes. Final report. Natural Resource Management Board (NT) Inc.
235. Garnett, S, Puig, J, Huchery, C, Petheram, L, Collier, C, Concu, G and Brooke, C. 2009. Integrated scenario planning across shared landscapes: a territory-wide approach. Supplementary report. Natural Resource Management Board (NT) Inc.
236. Garnett, S, Puig, J, Huchery, C, Petheram, L, Collier, C, Concu, G and Brooke, C. 2009. Scenario planning for climate change in tropical landscapes. Supplementary report. Natural Resource Management Board (NT) Inc.
237. Garnett, S.T. 2008. Monitoring program to assess the impact of metal pollution at Bing Bong Loading Facility on Listed Migratory Birds. Final Report 15 April 2008 to McArthur River Mining Pty Ltd. 32 pp.
238. Garnett, S.T. and Coe K.L., 2008. Tropical Knowledge and the Economy of the Northern Territory. Report to the Department of Business and Employment, Northern Territory Government
239. Garnett, S.T. and Lawes, M. 2008. Monitoring program to assess the impact of metal pollution at Bing Bong Loading Facility on Listed Migratory Birds. Report of Survey 22-24 January 2008 to McArthur River Mining Pty Ltd. 16 pp.
240. Hamel, M., Bradshaw, C. and Garnett, S.T. 2008. Population viability analyses for the red goshawk (*Erythrotriorchis radiatus*) and partridge pigeon (*Geophaps smithii smithii*) on the Tiwi Islands. Report to Great Southern Plantations, Darwin. 39 pp.
241. Carey R, O'Donnell M, Ainsworth G, Garnett S, Haritos H and Williams G. 2008. Review of legislation and regulations relating to feral camel management, DKCRC Research Report 50. Desert Knowledge CRC, Alice Springs. 174 pp.  
<http://www.cdu.edu.au/ser/profiles/documents/DKCRC-Report-50-Review-of-legislation-and-regulations-relating-to-feral-camel-management.pdf>
242. Coe, K., Garnett, S.T., Golebiowska, K., Walsh, H., Guthridge, S., Li, S. and Malyon, R. 2007. Mobility among Northern Territory nurses and midwives (including employment of overseas-trained nurses in the Northern Territory of Australia). Progress report 15 December 2007. Report to the NT Department of Health and Community Services, Darwin. 25 pp.
243. Garnett, S.T. 2007. Forestry. Issues paper, Northern Territory Climate Change Strategy. Report to Department of Chief Minister, Darwin.

244. Garnett, S.T. 2007. Land clearing. Issues paper, Northern Territory Climate Change Strategy. Report to Department of Chief Minister, Darwin.
245. Garnett, S.T. 2007. Other agriculture and soil. Issues paper, Northern Territory Climate Change Strategy. Report to Department of Chief Minister, Darwin.
246. Garnett, S.T. 2007. Embodied energy. Issues paper, Northern Territory Climate Change Strategy. Report to Department of Chief Minister, Darwin.
247. Garnett, S.T. 2007. Monitoring program to assess the impact of metal pollution at Bing Bong Loading Facility on Listed Migratory Birds. Report of Survey 27-28 June 2007 to McArthur River Mining Pty Ltd. 19 pp.
248. Garnett, S.T. Ainsworth, G. and Carey, R. 2007. Analysis of Northern Territory legislation for the protection of threatened species. Report to WWF-Australia, Darwin, Northern Territory. 58 pp.
249. Garnett, S.T. and Coe, K. 2007. Monitoring program to assess the impact of metal pollution at Bing Bong Loading Facility on Listed Migratory Birds. Report of Survey 30-31 August 2007 to McArthur River Mining Pty Ltd. 18 pp.
250. Garnett, S.T. and Sithole, B. 2007. Sustainable Northern Landscapes and the Nexus with Indigenous Health: Healthy Country Healthy People. Land and Water Australia, Canberra. 56 pp.
251. Garnett, S.T. and Walsh, H. 2007. Strategic Approach to Northern Territory Government Applications and Participation in Commonwealth Government Research and Innovation Grant Programs. Report to the Department of Business, Economic and Regional Development, Northern Territory Government. 64 pp.
252. Sithole.B., Hunter-Xenie.H., Dunnett.D., Liddy.M., Campion.O., Yibarbuk.D. and Garnett S. 2007. Belyuen Visioning and Planning Project: A rapid rural appraisal of the situation at Belyuen Community. Report to Darwin Indigenous Coordination Centre, Darwin. 87 pp.
253. Garnett, S.T. 2006. Garma: many ways of knowing. Key Forum Overview: Concluding Reflections. Pp. 63-64. Garma Key Forum Report 2005 Indigenous Cultural Livelihoods. Charles Darwin University and Yothu Yindi Foundation, Darwin.
254. Garnett, S.T., Crowley, G.M., Drucker, A.D., Gobius, N., Holmes, W.E., Luckert, M., Miller, C.M., Rolfe, J., Seabrook, W., Thompson, P. and Trueman, M. 2006. Economics of Alternative Fire Management Strategies on a Cape York Peninsula Cattle Property. Results of the Artemis workshop, August 2006. Report to Cape York Peninsula Landcare Program.
255. Garnett, S.T. and Hall, D. 2006. Enhancing Private Sector Engagement in Research and Development in the Northern Territory. Report to the Department of Business, Economic and Regional Development, Northern Territory Government.
256. Garnett, S.T., Preece, N. and van Oosterzee, P. 2006. Feasibility Study prepared for North Queensland tropical birding trails. Unpublished report to NQTBT, Townsville.
257. Hall, D.J., Garnett, S.T., Barnes, A. and Gutheridge, S. 2006. Mobility amongst NT Professionals – a case study of dental professionals. CDU Research report, Darwin.

258. Garnett, S.T. and Satchwell, I. 2005. Building our Future: Approaches to normalising the economy of the Thamarrurr region. Report for Thamarrurr Regional Council, Wadeye.
259. Freeman, A. and Garnett, S.T. 2004. Management of the rare and threatened animals and ecosystems of Staaten River and Mitchell-Alice National Parks. Internal report. Environmental Protection Agency, Queensland.
260. Garnett, S.T. 2004. The concept of Tropical Knowledge and its application in tropical Australia. Report to the Office of Territory Development, Darwin.
261. Garnett, S.T., Haydon, J. and Hall, S. 2004. Research capacity audit for tropical Western Australia and the Northern Territory. Report to the Department of the Chief Minister, Northern Territory Government, Darwin and the Office of Science and Innovation, Department of Premier and Cabinet, Western Australia, Perth.
262. Garnett, S.T., Thynne, I. and Satchwell, I. 2004. Thamarrurr Economic Normalisation Workshop. Report prepared for Thamarrurr Regional Council, Northern Land Council and the Northern Territory Government, Darwin.
263. Garnett, S.T. 2003. Important Bird Areas of Australia. Report to the Birds Australia Research and Conservation Committee, Melbourne.
264. Garnett, S.T., and Crowley, G.M. 2003. Recovery Plan for the Golden-shouldered Parrot. Queensland Parks and Wildlife Service, Brisbane.
265. Kutt, A.S., King, S., Latch P. and Garnett, S.T. 2003. Distribution of cassowary habitat in the Wet Tropics bioregion, Queensland. Technical report to Environmental Protection Agency, Brisbane.
266. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Artemis Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
267. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Merluna Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
268. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Running Creek Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
269. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Lilyvale Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
270. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Kalinga Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
271. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Kimba Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
272. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Strathburn Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.

273. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Holroyd River Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
274. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Crystalvale Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
275. Garnett, S.T. and Clarkson, J. 2000. Assessment of the Conservation Values of Mt Croll Station as part of Strategy 1 of the Cape York Natural Heritage Trust Plan. Report to the Cape York Property Planning Technical Group, Cairns.
276. Whybird, O. and Garnett, S.T. 1999. Report on the Census of Spectacled Flying-foxes March 1999. Report for Queensland Parks and Wildlife Service, Cairns.
277. Crowley, G.M., Garnett, S.T. and Carruthers, S. 1998. Mapping and Spatial Analysis of Existing and Potential Glossy Black-Cockatoo Habitat on Kangaroo Island. Report to the Department of Environment, Heritage and Aboriginal Affairs, Adelaide.
278. Crowley, G.M., Garnett, S.T., Meakins, W. and Heinrich, A. 1998. Protection and re-establishment of Glossy Black-Cockatoo habitat in South Australia: evaluation and recommendations. Report to the Glossy Black Rescue Fund, South Australian National Parks Foundation.
279. Garnett, S.T. 1998. Red-tailed Black-Cockatoo damage and damage mitigation on Swiss Farms, Lakeland Downs, Cape York Peninsula during 1998. Report for Department of Environment and Heritage, Cairns.
280. Garnett, S.T., Crowley, G.M., Pedler, L.P., Prime, W., Twyford, K.L. and Maguire, A. 1998. Recovery Plan for the South Australian subspecies of the Glossy Black-Cockatoo (*Calyptorhynchus lathami halmaturinus*): 1999-2003. Version 3.0. Project No. 318 of the Threatened Species and Communities Section, Environment Australia, Glossy Black-Cockatoo Recovery Team, National Parks and Wildlife South Australia, Department of Environment, Heritage and Aboriginal Affairs, Kingscote.
281. Garnett, S. T., and Crowley, G. M. 1998. Recovery Plan for the Golden-shouldered Parrot (*Psephotus chrysopterygius*). Version 2.0. Queensland Department of Environment, Brisbane.
282. Garnett, S.T., Whybird, O. and Spencer, H. 1998. Results of the first Spectacled Flying Fox Census - a report to participants. Report for Department of Environment, Cairns
283. Garnett, S.T., Whybird, O. and Spencer, H. 1998. Report on the Census of Spectacled Flying-foxes 13-16 November 1998. Report for Department of Environment and Heritage, Cairns
284. Garnett, S.T., Crowley, G.M., Pedler, L.P., Dennis, T.E. and Chapman, T.F. 1997. Glossy Black-Cockatoo Recovery Plan; *Calyptorhynchus lathami halmaturinus* (South Australian subspecies). Quarterly reports to Environment Australia and South Australian Department of Environment and Natural Resources.
285. Garnett, S.T., Crowley, G.M., Pedler, L.P. and Prime, W. 1997. Recovery Plan for the South Australian subspecies of the Glossy Black-Cockatoo (*Calyptorhynchus lathami*

- halmaturinus*). Version 2.0. Report to the Threatened Species and Communities Section, Environment Australia
286. Garnett, S.T. and Crowley, G.M. 1997. Assessment of the likely impacts of gasline construction on the habitat of the endangered Golden-shouldered Parrot *Psephotus chrysopterygius*. Report to Chevron New Guinea-Queensland Gasline Project.
  287. Garnett, S.T. and Crowley, G.M. 1997. The feasibility of conducting field research on the Palm Cockatoo at Crater Mountain Wildlife Management Area in Papua New Guinea. Report to the Queensland Department of Environment, Brisbane.
  288. Crowley, G.M., Garnett, S.T. and Pedler, L.P. 1996. Assessment of the role of captive breeding and translocation in the recovery of the South Australian subspecies of the Glossy Black-Cockatoo *Calyptorhynchus lathami halmaturinus*. Report to the Australian Nature Conservation Agency.
  289. Garnett, S.T. and Crowley, G.M. 1996. Recovery Plan for the south-eastern subspecies of the Red-tailed Black-Cockatoo *Calyptorhynchus banksii graptogyne*. Version 1.0. Report to the Royal Australasian Ornithologists Union.
  290. Garnett, S.T., Crowley, G.M. and Pedler, L.P. 1996. Recovery Plan for the South Australian subspecies of Glossy Black-Cockatoo *Calyptorhynchus lathami halmaturinus*. Report to the Australian Nature Conservation Agency, Canberra.
  291. Garnett, S.T., Crowley, G.M. and Storch, D.L. 1996. The conservation biology of the Palm Cockatoo *Probosciger aterrimus*. Report to the Wildlife Conservation Society, World Parrot Trust, Pajinka Wilderness Lodge, Comalco and the Queensland Department of Environment
  292. Garnett, S.T., Pedler, L.P. and Crowley, G.M. 1996. Census of the Glossy Black-Cockatoo on Kangaroo Island, 19-26 September 1996. Report to the Australian Nature Conservation Agency.
  293. Garnett, S.T., Shephard, S. and Crowley, G.M. 1996. Golden-shouldered Parrots 1995/6. Report to the Australian Nature Conservation Agency.
  294. Crowley, G.M. and Garnett, S.T. 1995. Vegetation change in the grasslands and grassy woodlands of the Laura basin region, Cape York Peninsula. Report to the Grasslands Ecology Program, Environment Australia. Queensland Department of Environment and Heritage, Cairns.
  295. Garnett, S.T. and Crowley, G.M. 1995. Management Plan for the Golden-shouldered Parrot *Psephotus chrysopterygius*. Report to the Australian Nature Conservation Agency.
  296. Garnett, S.T., and G.M. Crowley. 1995. Ecology and Conservation of the Golden-shouldered Parrot. Report to Cape York Land Use Strategy, Office of the Co-ordinator General of Queensland, Brisbane, Department of Environment, Sport and Territories, Canberra, and Department of Environment and Heritage, Brisbane.
  297. Garnett, S.T., and G.M. Crowley. 1995. Recovery Plan for the Golden-shouldered Parrot. Report to Department of Environment and Heritage, Cairns.

298. Garnett, S.T. and Loyn, R.H. 1994. Loss of hollow-bearing trees from Victorian native forests as a threatening process. Action Statement, Department of Conservation and Natural Resources.
299. Garnett, S.T. and Crowley, G.M. 1993. The Golden-shouldered Parrot Recovery Plan. Report to the Australian Nature Conservation Agency.
300. Garnett, S.T. and Crowley, G.M. 1993. Report on a study of the Hooded Parrot feeding ecology during the early wet season. Report to the Conservation Commission of the Northern Territory.
301. Garnett, S.T. and Crowley, G.M. 1993. Report on the search for the Night Parrot in north-western Queensland. 15-28 June. Report to Queensland Department of Environment and Heritage and Australian Nature Conservation Agency.
302. Garnett, S.T. and Crowley, G.M. 1993. The Night Parrot Research Plan. Report to the Australian Nature Conservation Agency.
303. Garnett, S.T. 1992. The status of birds in New South Wales. Report to the NSW National Parks and Wildlife Service.
304. Garnett, S.T. and Taplin, T. 1990. Wading Bird abundance and distribution during the wet season - South-western Coast of the Gulf of Carpentaria. Northern Territory Branch of the Australian Heritage Commission.
305. Garnett, S.T. and Taplin, A. 1990. Wading Bird abundance and distribution during the wet season on the Queensland Coast of the Gulf of Carpentaria. Queensland National Parks and Wildlife Service, Brisbane.
306. Parish, D. and Garnett, S.T. 1990. Review of potential impacts of aquaculture on wading birds in the Gulf of Carpentaria, Queensland. Queensland National Parks and Wildlife Service.
307. Garnett, S.T. 1989. Wading bird abundance and distribution - south-eastern coast of the Gulf of Carpentaria. Queensland National Parks and Wildlife Service, Brisbane.
308. Flanagan, M. and Garnett, S.T. 1987. Background levels of Newcastle Disease and influenza in wild birds. Queensland Department of Primary Industries, Townsville.
309. Garnett, S.T. 1986. Ecological studies of goats in the small island countries of the Pacific. Food and Agriculture Organization of the United Nations, Mission Report 2.
310. Garnett, S.T. 1985. Ecological studies of goats in the small island countries of the Pacific. Food and Agriculture Organization of the United Nations, Mission Report 1.
311. Garnett, S.T. 1985. Report on crocodile husbandry for the Northern Territory Conservation Commission.
312. Garnett, S.T. 1984. The potential of Booby Island, Torres Strait as a bird observatory. Report to Royal Australasian Ornithologists Union.
313. Garnett, S.T. 1983. Nutrition and farm husbandry of the Green Turtle (*Chelonia mydas*) and the Estuarine Crocodile (*Crocodylus porosus*). PhD Dissertation, James Cook University, Townsville.

314. Garnett, S.T. 1977. Relationship between cattle and the harvester termite *Drepanotermes perniger* in central Australia. Honours Thesis, Australian National University.

Professor Garnett has a long term commitment to the development of appropriate mechanisms for the conservation of birds. A member of BirdLife Australia for nearly 40 years, he has been involved professionally in conservation since the early 1980s. Currently Professor of Conservation and Sustainable Livelihoods at Charles Darwin University in Darwin, Australia, he has also spent seven years as a senior conservation manager in government, six years in on-ground conservation management of threatened species and seven years in private consultancy and business. He has also published over 200 papers, books and book chapters, many of which relate to bird conservation.

Apart from this breadth of professional experience, Prof. Garnett would bring to the position of COP-Appointed Scientific Councillor for Birds the following:

Extensive experience in the application of conservation criteria: Since 1990 Prof. Garnett has reviewed the status of all of Australia's birds on three occasions using the various iterations of the IUCN Red List criteria<sup>1</sup>. In 2003 he established the BirdLife Australia Threatened Species Committee which is acknowledged by BirdLife International as the best example of an in-country red listing committee. Apart from his comprehensive action plans for Australian birds, Prof. Garnett was also instrumental in developing expert elicitation techniques for the determination of status under conditions of uncertainty and political contestation<sup>2</sup>, an approach now being applied by the Australian Government for contentious cases.

A strong understanding of the issues facing migratory birds: Prof. Garnett represented BirdLife Australia at the first meeting of parties to the China-Australia Migratory Bird Agreement and has continued to provide advice to the Australian Government on species appropriate for listing under Australia's bilateral agreements. He has published research on bird migration along both Australia's major passerine bird flyways (Torres and Bass Straits), has worked professionally in most countries of Oceania and south-east Asia and currently has students and projects in seven of these countries as well as in Ecuador, South America. He currently has students working on migratory cranes in Cambodia, Vietnam and Australia and another on migratory shorebirds of the East Asian/Australasian flyway.

A deep appreciation of the major threats to migratory birds, particularly climate change, as well as the human social environment with which migratory birds have to negotiate. Prof. Garnett's Climate Change Adaptation Plan for Australian Birds<sup>3</sup> is the first comprehensive review of climate change impacts and strategies for managing them produced for any continent and he has also published extensively on the livelihood strategies of local and Indigenous peoples.

A global network of professional contacts. Over the last 10 years Prof. Garnett has worked and published with over 300 researchers from over 50 countries, including with members of all major conservation NGOs. He is a Board member of WWF Australia, has served on several BirdLife Australia committees and is an editor of two professional journals.

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1 Garnett, S.T., Szabo, J.K. and Dutson, G. 2011. The Action Plan for Australian Birds 2010. CSIRO, Melbourne

2 McBride, M., Garnett, S.T. *et al.* 2011 *Methods Ecol. Evol.* 3:906.

3 Garnett, S.T. and Franklin, D.C. (eds.) 2014. Climate Change Action Plan for Australian Birds. CSIRO, Melbourne.



**Skills relevant to ToR for COP-Appointed Scientific Councillors**

Contribute to the work of the Scientific Council (ScC) by helping to:

\* Identify and formulate proposals/recommendations to address the conservation of migratory species, notably in the taxonomic group of his competence, in this case, birds:

This task will require practical experience in conservation management at local, regional and international levels if proposals are to result in on-ground change. Professor Garnett has worked in the field of conservation management for three decades, including representing BirdLife Australia at the first meeting of parties to the China Australia Migratory Bird Agreement in 1990. He has also provided recommendations for the conservation of all threatened Australian bird taxa on three occasions (1992, 2000 and 2010) and has worked on field projects that have generated positive conservation outcomes. His experience working in a government agency has ensured he is aware of the administrative environment within which proposals and recommendations need to be negotiated. His research has also considered migratory species in the East Asian/Australasian flyway as well as the smaller Australian flyways of Torres Strait and Bass Strait and he currently supervises one student working on migratory bird species in Cambodia and Vietnam and another on the shorebirds using the East Asian/Australasian flyway.

\* Collaborate with the Secretariat and Chair of the Scientific Council on the implementation of COP decisions and items in the ScC work programme relating to birds:

Prof. Garnett has worked extensively with government officers in Australia to ensure the application of collectively agreed policies. He thus has the capacity to work collaboratively to translate the COP decisions into actions by CMS signatory countries.

\* Identify species for potential inclusion in CMS Appendices, and where appropriate assist in the drafting of proposals to amend the CMS Appendices for the Council's consideration:

Since 2003 Prof. Garnett has been coordinating a committee with responsibility for applying the IUCN Red List Guidelines to Australian birds, ensuring standards of proof and the management of uncertainty align with those applied internationally, and preparing proposals for adoption by the IUCN and the Australian government. He is thus experienced with rigorous application of criteria to species based on the available, often incomplete, data. He has also been providing advice to the Australian Government on species to include on bilateral migratory bird agreements with neighbouring countries.

\* Advise the Secretariat on the suitability of project proposals to be funded through the Small Grant Programme of CMS, and the technical evaluation of the outputs of the approved projects, notably for the taxonomic group/geographic region/cross-cutting issue of his/her competence:

Prof. Garnett has been managing research budgets since 1995 and currently sits on the boards of two committees whose role is to decide the funding of small grants for threatened species.

\* Identify species listed in CMS Appendices for possible designation for Concerted (Appendix I) or Cooperative (Appendix II) actions by the Conference of the Parties (COP):

As noted, Prof. Garnett has extensive experience in the rigorous application of conservation criteria where information is scarce and often uncertain.

\* Stimulate the development and implementation of concerted/ cooperative actions for particular species:

Prof. Garnett has developed numerous proposals for both conservation and research and seen them through to completion. His experience both in the field and in administration ensures that proposed actions are well-grounded in the political and social context in which they are to be applied.

\* Report to the Council on progress in the design and implementation of Concerted/Cooperative actions for species for which he was possibly identified as focal point within the Council, or facilitate preparation of reports by other species focal points; recommend the closure of Concerted/Cooperative actions where appropriate:

Prof. Garnett is experienced in project and research management and implementation for which regular

concise but clear reporting is a necessity.

\* Review and contribute to the elaboration and regular update of reports on the status of selected CMS Appendix species, or facilitate preparation of reports by other species focal points:

As noted, since 2003 Prof. Garnett has run a Threatened Species Committee for BirdLife Australia that is considered by BirdLife International to be an example of how to do in-country Red Listing. This committee regularly reviews the status of all listed birds and makes recommendations for changes in status to the IUCN and government.

\* Report to the Council on progress in the work of other organizations for which he/she was possibly identified as focal point within the Council;

As noted, timely reporting is an essential component of much that Prof. Garnett undertakes.

\* Participate in *ad hoc* working groups established within the Council to address specific issues.

Prof. Garnett will happily contribute to such committees

\* Participate in meetings of the CMS Scientific Council (with coverage by CMS of travel and subsistence expenses, if necessary) - Normally two meetings in a three year period- and act as Chair of the relevant taxonomic or thematic working group, if applicable:

Prof. Garnett has many decades experience chairing committees and ensuring they produce useful outcomes in a timely manner.

\* Upon request, participate in Meetings of the Conference of the Parties (with coverage by CMS of travel and subsistence expenses, if necessary) - Normally one meeting every three years:

Prof. Garnett regularly travels as part of his role in international research collaborations and has guaranteed to attend all meetings as part of this role.



Narelle Montgomery  
 Department of the Environment, Migratory Species Section  
 GPO Box 787  
 Canberra ACT 2601  
 Australia

Dear Narelle

I am writing in support of the Australian Government's nomination of Professor Stephen Garnett to the Convention on Migratory Species (CMS) as Conference-Appointed Scientific Councillor for Birds.

I have known Stephen for 40 years as an ornithologist and have served with him on several committees with BirdLife Australia. In particular I have served, since its inception in 2003, on the BirdLife Australia Threatened Species Committee. This committee has provided consistent and comprehensive advice on changes to the status of Australia's birds for over a decade. Professor Garnett has been a most effective coordinator of the committee, sometimes needing to negotiate agreements on contested status from diverse players. I would like to commend in particular the expert elicitation procedure he developed with risk assessment professionals (McBride et al. doi 10.1111/j.2041-210X.2012.00221.x). This has proved most useful in my own work and I can envisage it having great relevance to the Convention on Migratory Species where decisions have to be made on the advice of experts where facts are disputed and uncertain. Professor Garnett's ability to facilitate the expert elicitation process should be particularly useful to the Scientific Council and the Conference of Parties.

Professor Garnett's professional productivity speaks for itself. His action plans for Australian birds have proved most valuable to conservation in this country over several decades while his on-ground research has led to lasting conservation gains. The recently published Climate Change Action Plan for Australian birds is a world first and demonstrates a deep appreciation of the threats posed by climate change to birds. His networks, both nationally and with many international researchers, will also help ensure that he obtains the best advice on potential changes to the CMS schedules and that the COP decisions are translated into local action. Of particular relevance to the CMS is that his networks are particularly strong in East Asia where threats to migratory birds are currently most intense as remaining habitat is developed. Professor Garnett also has extensive experience in the development of project proposals, in project management and in the selection of projects for funding, all of which will be helpful to CMS processes.

In conclusion I am delighted that Professor Garnett is happy for his name to be put forward for the role of Councillor for Birds by the Australian Government. I think he would do an excellent job and very much hope that the CMS see fit to appoint him.

Yours sincerely

A handwritten signature in black ink that reads "Barry Baker".

Barry Baker  
 Vice President, BirdLife Australia

CMS Conference Appointed Scientific Councillor for Bycatch  
 26 May 2014

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### Annex III

#### Indicative ToR for COP-Appointed Scientific Councillors

- Contribute to the work of the Scientific Council (ScC) by helping to:
  - Identify and formulate proposals/recommendations to address the conservation of migratory species, notably in the taxonomic group/geographic region/cross-cutting issue of his/her competence;
  - Collaborate with the Secretariat and Chair of the Scientific Council on the implementation of COP decisions and items in the ScC work programme relating to the taxonomic group/geographic region/cross-cutting issue of his/her competence;
  - Identify species for potential inclusion in CMS Appendices, and where appropriate assist in the drafting of proposals to amend the CMS Appendices for the Council's consideration;
  - Advise the Secretariat on the suitability of project proposals to be funded through the Small Grant Programme of CMS, and the technical evaluation of the outputs of the approved projects, notably for the taxonomic group/geographic region/cross-cutting issue of his/her competence;
  - Identify species listed in CMS Appendices for possible designation for Concerted (Appendix I) or Cooperative (Appendix II) actions by the Conference of the Parties (COP);
  - Stimulate the development and implementation of concerted/cooperative actions for particular species;
  - Report to the Council on progress in the design and implementation of Concerted/Cooperative actions for species for which he/she was possibly identified as focal point within the Council, or facilitate preparation of reports by other species focal points; recommend the closure of Concerted/Cooperative actions where appropriate;
  - Review and contribute to the elaboration and regular update of reports on the status of selected CMS Appendix species, or facilitate preparation of reports by other species focal points;
  - Report to the Council on progress in the work of other organizations for which he/she was possibly identified as focal point within the Council; and
  - Participate in ad hoc working groups established within the Council to address specific issue
  
- Participate in meetings of the CMS Scientific Council (with coverage by CMS of travel and subsistence expenses, if necessary) - Normally two meetings in a three year period- and act as Chair of the relevant taxonomic or thematic working group, if applicable.
  
- Upon request, participate in Meetings of the Conference of the Parties (with coverage by CMS of travel and subsistence expenses, if necessary) - Normally one meeting every three years.