

- picta* (eastern painted turtle). University of Virginia, Charlottesville, Virginia.
- BROPHY, TIMOTHY R. Geographic variation in two southeast Asian batagurids, *Malayemys subtrijuga* (Schlegel and Müller, 1844) and *Notochelys platynota* (Gray, 1834). George Mason University, Fairfax, Virginia.
- FORMIA, ANGELA. Population and genetic structure of the green turtle (*Chelonia mydas*) in the Gulf of Guinea, West Africa: implications for management and conservation. Institute of Zoology, London, United Kingdom.
- GARCIA, GERARDO; KUCHLING, GERALD; AND FEISTNER, ANNA T.C. Effects of incubation temperature on sex, growth rate and survivorship in the Madagascan side-necked turtle *Erymnochelys madagascariensis*. Jersey Wildlife Preservation Trust, Jersey, United Kingdom.
- JOHNSON, STEVE A. Gaps in a solid foundation: shell kinesis in the Testudines. University of Florida, Gainesville, Florida.
- LEUTERITZ, THOMAS E. Distribution, status, and biology of the radiated tortoise *Geochelone radiata* (Shaw, 1802) in south west Madagascar. George Mason University, Fairfax, Virginia.
- LITZGUS, JACQUELINE D. Latitudinal variation in life history of the spotted turtle (*Clemmys guttata*): the southern extreme. Miami University, Oxford, Ohio.
- MILLER, JULIE K.; AND SCOTT, J. MICHAEL. Demography of a population of three-toed box turtles (*Terrapene carolina triunguis*) across a 35 year period of landscape transformation and habitat fragmentation. University of Idaho, Moscow, Idaho.
- PEDRONO, MIGUEL; AND SAROVY, AUGUSTIN. Trial release of the world's rarest tortoise (*Geochelone yniphora*) in Madagascar. Université Pierre et Marie Curie, Paris, France.
- STARBIRD, CHRISTOPHER. Leatherback sea turtle (*Dermochelys coriacea*) dive and foraging behavior around Kei Kecil Island, Indonesia. University of California, Santa Cruz, California.

Linnaeus Fund awards are granted annually to individuals for specific turtle research projects, with either partial or full support as funding allows. Priority is generally given to projects concerning freshwater turtles, but tortoise and marine turtle research proposals are also funded. Priority is generally given to the following general research areas: taxonomy and systematic relationships, distribution and zoogeography, ecology, natural history, and morphology, but other topics are also considered. Priority is also given to projects that demonstrate potential relevance to the scientific basis and understanding of chelonian diversity and conservation biology. Award recipients agree to publish at least partial or summarized results of the supported research in a CRF-sponsored publication, such as *Chelonian Conservation and Biology*.

Awards at this time are typically in the \$1000 to \$2000 range for each project, with about ten or more projects funded annually. It is anticipated that there will be increased grant support from year to year as the endowment fund

grows. The annual application deadline is November 15, with disbursement on December 31. Submit applications in formal grant proposal format in triplicate as follows: title page, project objective, background and research rationale, materials and methods, total project expenses, funding requested from CRF, funding available or requested from other organizations, general timetable, literature cited, and curriculum vitae for all key personnel.

Awards are granted through an internal review process carried out by the Director and Scientific Advisory Board of CRF, which includes Anders G.J. Rhodin, Russell A. Mittermeier, Peter C.H. Pritchard, John L. Behler, and Terry E. Graham. Submit applications to:

ANDERS G.J. RHODIN, Chelonian Research Foundation, 168 Goodrich Street, Lunenburg, MA 01462 USA; Phones: 978-582-9668, 978-534-9440, Faxes: 978-582-6279, 978-840-8184, E-mail: RhodinCRF@aol.com, Web Site: www.chelonian.org

The 19th Annual Sea Turtle Symposium – Student Presentation Awards

ANDERS G.J. RHODIN AND DAVID WM. OWENS

The 19th Annual Symposium on Sea Turtle Biology and Conservation was held in March 1999 in South Padre Island, Texas, USA. About 250 scientific papers and posters were presented. Student presentations were entered and judged in competition for the Archie Carr Best Student Presentation Awards. These annual awards have been co-sponsored and jointly presented by the Sea Turtle Symposium and Chelonian Research Foundation since the 17th Annual Symposium in 1997. Student papers and posters were judged on both the scientific quality and research significance of their content as well as the professionalism of their presentation.

Fifty-two student presentations were evaluated by the Student Awards Committee: Anders G.J. Rhodin (Chair), Ana R. Barragán, Raquel Briseño-Dueñas, Stephen J. Morreale, Frank V. Paladino, James I. Richardson, Michael Salmon, Jeffrey A. Seminoff, and Jeanette Wyneken. A total of \$2250 was awarded in prizes to one winner and two or three runners-up in each of the two presentation categories. Student award winners are listed in bold type.

Papers

- 1. JAMES, MICHAEL C.** 1999. Distribution and conservation of the leatherback turtle (*Dermochelys coriacea*) in Atlantic Canada: research partnerships with the fishing community. (North Atlantic Leatherback Turtle Working Group, Biology Dept., Acadia University, Halifax, Nova Scotia, Canada). \$500.
- 2. NICHOLS, WALLACE J., DUTTON, P., SEMINOFF, J.A., BIXBY, E., ABREU-GROBOIS, F.A., AND HIDALGO, A.R.S.** 1999. Poi

or papas? Do Hawaiian and Mexican green turtles feed together in Baja California water. (Wildlife and Fisheries Science, School of Renewable Natural Resources, University of Arizona, Tucson, Arizona, USA). \$250.

2. **STORCH, SANDRA, HILLIS-STARR, Z.M., AND WILSON, R.P.** 1999. Turtles in the reef: a closer look at the activities of hawksbill turtles in a Caribbean interesting habitat. (Abteilung Meereszoologie, Institut für Meereskunde, Germany). \$250.

Posters

1. **CURRY, SADIE S., BROWN, D.R., JACOBSON, E.R., AND KLEIN, P.A.** 1999. Persistent infectivity of chelonian herpes viruses after exposure to artificial seawater. (Interdisciplinary Program in Biomedical Sciences, College of Medicine, University of Florida, Gainesville, Florida, USA). \$500.
2. **SNOVER, MELISSA L., HOHN, A.A., AND MACKO, S.A.** 1999. Detecting the precise time at settlement from pelagic to benthic habitats in the loggerhead sea turtle, *Caretta caretta*. (Duke University Marine Laboratory, North Carolina, USA). \$250.
2. **SCHMID, JEFFREY R.** 1999. Characterizing developmental habitats and habitat utilization of Kemp's ridley turtles using GIS. (Center for Sea Turtle Research, University of Florida, Gainesville, Florida, USA). \$250.
2. **AVENS, LARISA.** 1999. Possible homing behavior in juvenile loggerheads (*Caretta caretta*) from Core Sound, North Carolina. (Biology Dept., University of North Carolina, Chapel Hill, North Carolina, USA). \$250.

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2nd ASEAN Symposium and Workshop on Sea Turtle Biology and Conservation

Kota Kinabalu, Sabah, Malaysia
15-17 July 1999

Organized by Universiti Malaysia Sarawak and Sabah Parks, the aims of the Symposium are to bring together scientists, academicians, legislators, and the public from ASEAN nations and neighboring countries and provide an opportunity for discussion and presentation of current research and the state of marine turtle populations, legislature, and enforcement in the region. The venue is Promenade Hotel, No.4, Lorong Api-Api 3, Api-Api Centre, 88000 Kota Kinabalu, Sabah, Malaysia.

Adopting the theme "Beyond the Beach" the Symposium will focus on research, management and conservation of the endangered sea turtles throughout ASEAN with particular regard to sea-based life stages and current "state of affairs" reports. Papers will be welcomed that describe

countries' turtle populations and significant changes since the 1st meeting in 1993, conservation and management efforts, research on adult nesting and hatching and juvenile ocean finding and sea-based life stages. The meeting will also address cooperation schemes, conservation strategies and concerns on a regional scale, such as the use of TEDs, where participants will be able to benefit from the combined experience of scientists, academicians and legislators.

Presentation sessions will deal with Management, Research, Country Papers, Conservation and Tools for Research and Conservation. For registration information, contact:

NICOLAS J. PILCHER, Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, 94300 Kota Samarahan, Sarawak, Malaysia; Phone: 60-82-671-000, ext. 181; Fax: 60-82-671903; E-mail: turtle@unimas.my; Web Site: <http://ibec.unimas/penyu>

2nd International Symposium on *Emys orbicularis*

Le Blanc, Brenne, France
25-27 June 1999

Emys orbicularis is the only chelonian extending along the whole Mediterranean coast and as far north as Denmark and Lithuania. Its wide distribution and its popular appeal confers upon the European pond turtle the character of an emblematic species. At the same time, its distribution has been drastically reduced during this century by the massive alteration of aquatic habitats which characterizes the highly populated countries in Europe (e.g., drainage, contamination, and overexploitation of wetlands, concreting of waterways). The recent introduction of foreign species, such as *Trachemys scripta*, may add another potential threat to the already complicated conservation scenario of *Emys orbicularis*.

The exchange of information and experiences among researchers and conservationists is of fundamental importance to assess the range of ecological conditions and the variability of demographic responses in this species. With this aim, the First International Symposium on *Emys orbicularis* was held in Dresden (Germany) in 1996, and proved to be a fruitful means of joining and furthering the communication among herpetologists interested in systematics, biology and conservation of the European pond turtle. Eastern European countries participated actively and significantly contributed to the success of the Dresden meeting. For all these reasons France proposed to organize the Second International Symposium on *Emys orbicularis*, to be held in 1999 in Brenne, a region in Central France where we can find a still abundant population of pond turtles.

The Symposium intends to cover all subjects related with the study of *Emys orbicularis*, ranging from taxonomy and systematics to conservation and the biology, ecology and pathology of the species. The organizers of the Second Symposium would like to encourage issues on applied