

TAGGING BIBLIOGRAPHY

Version 1.2

10 February 2004

We know that this bibliography is not yet complete. Help us achieve our goal of assembling a comprehensive resource by sending suggestions or comments to tagging@seaturtle.org

Recent additions to latest version:

- Avens, L., J. Braun McNeill, S. Epperly, and K. J. Lohmann. 2003. Site fidelity and homing behavior in juvenile loggerhead sea turtles (*Caretta caretta*). *Marine Biology* 143:211-220.
- Bentivegna, F., S. Hochscheid, and C. Minucci. 2003. Seasonal variability in voluntary dive duration of the Mediterranean loggerhead turtle, *Caretta caretta*. *Scientia Marina* 67:371-375.
- Bolker, B., T. Okuyama, K. Bjørndal, and A. Bolten. 2003. Sea turtle stock estimation using genetic markers: accounting for sampling error of rare genotypes. *Ecological Applications* 13:763-775.
- Cadigan, N. G., and J. Brattey. 2003. Semiparametric estimation of tag loss and reporting rates for tag-recovery experiments using exact time-at-liberty data. *Biometrics* 59:869-876.
- Diez, C. E., and R. P. van Dam. 2003. Sex ratio of an immature Hawksbill Seaturtle aggregation at Mona Island, Puerto Rico. *Journal of Herpetology* 37:533-537.
- Fonnesbeck, C. J., and C. K. Dodd. 2003. Estimation of flattened musk turtle (*Sternotherus depressus*) survival, recapture, and recovery rate during and after a disease outbreak. *Journal of Herpetology* 37:602-607.
- Hays, G. C., A. C. Broderick, B. J. Godley, P. Luschi, and W. J. Nichols. 2003. Satellite telemetry suggests high levels of fishing-induced mortality in marine turtles. *Marine Ecology Progress Series* 262:305-309.
- Hines, J. E., W. L. Kendall, and J. D. Nichols. 2003. On the use of the robust design with transient capture-recapture models. *Auk* 120:1151-1158.
- Lowe, W. H. 2003. Linking dispersal to local population dynamics: A case study using a headwater salamander system. *Ecology* 84:2145-2154.
- Luschi, P., G. C. Hays, and F. Papi. 2003. A review of long-distance movements by marine turtles, and the possible role of ocean currents. *Oikos* 103:293-302.
- Luschi, P., G. R. Hughes, R. Mencacci, E. De Bernardi, A. Sale, R. Broker, M. Bouwer, and F. Papi. 2003. Satellite tracking of migrating loggerhead sea turtles (*Caretta caretta*) displaced in the open sea. *Marine Biology* 143:793-801.
- Luschi, P., A. Sale, R. Mencacci, G. R. Hughes, J. R. E. Lutjeharms, and F. Papi. 2003. Current transport of leatherback sea turtles (*Dermochelys coriacea*) in the ocean. *Proceedings of the Royal Society of London Series B Biological Sciences* 270 Suppl. 2:S129-S132.
- MacKenzie, D. I., J. D. Nichols, J. E. Hines, M. G. Knutson, and A. B. Franklin. 2003. Estimating site occupancy, colonization, and local extinction when a species is detected imperfectly. *Ecology* 84:2200-2207.
- Parmenter, C. J. 2003. Plastic flipper tags are inadequate for long-term identification of the flatback sea turtle (*Natator depressus*). *Wildlife Research* 30:519-521.
- Pine, W. E., K. H. Pollock, J. E. Hightower, T. J. Kwak, and J. A. Rice. 2003. A review of tagging methods for estimating fish population size and components of mortality. *Fisheries* 28:10-23.
- Plotkin, P. T., and J. R. Spotila. 2002. Post-nesting migrations of loggerhead turtles *Caretta caretta* from Georgia, USA: conservation implications for a genetically distinct subpopulation. *Oryx* 36: 396-399.
- Polovina, J. J., G. H. Balazs, E. A. Howell, D. M. Parker, M. P. Seki, and P. H. Dutton. 2004. Forage and migration habitat of loggerhead (*Caretta caretta*) and olive ridley (*Lepidochelys olivacea*) sea turtles in the central North Pacific Ocean. *Fisheries Oceanography* 13:36-51.

- Polovina, J. J., D. R. Kobayahi, D. M. Parker, M. P. Seki, and G. H. Balazs. 2000. Turtles on the edge: movement of loggerhead turtles (*Caretta caretta*) along oceanic fronts, spanning longline fishing grounds in the central North Pacific, 1997-1998. *Fisheries Oceanography* 9:71-82.
- Schmidt, B. R. 2003. Count data, detection probabilities, and the demography, dynamics, distribution, and decline of amphibians. *Comptes Rendus Biologies* 326 Suppl. 1:S119-S124.
- Yamamura, K. 2003. Population estimation by a one-release, two-capture experiment. *Applied Entomology and Zoology* 38:475-486.

FLIPPER TAGS

PIT TAGS

LIVING TAGS AND OTHER INTERNAL/EXTERNAL NON-UNIQUE MARKERS

FLIPPER TAGS

- Addison, D.S. and M. Kraus. 2001. *Chelonia mydas* and *Caretta caretta*: out of seas on tag returns. *Herpetological Reveiw* 32: 249-250.
- Alvarado, J., A. Figueroa, C. Delgado, M. T. Sanchez and E. Lopez. 1993. Differential retention of metal and plastic tags on the black sea turtle (*Chelonia agassizi*). *Herpetological Reveiw* 24: 23-24.
- Balazs, G.H. 1976. Green turtle migrations in the Hawaiian Archipelago. *Biological Conservation* 9: 125-140.
- Balazs, G.H. 1983. Recovery records of adult green turtles observed or originally tagged at French Frigate Shoals, northwestern Hawaiian islands. U.S. Dept. of Commerce, NOAA Tech. Memo. NMFS, NOAA-TM-NMFS-SWFC-36, 49 pp.
- Balazs, G.H. 1991. Sea turtle tag center of the Pacific. *Marine Turtle Newsletter* 52: 14-15. <<http://www.seaturtle.org/mtn/archives/mtn52/mtn52p14.shtml>>
- Balazs, G. H. 1999. Factors to consider in the tagging of sea turtles. Pages 101-109 in K. L. Eckert, K. A. Bjorndal, F. A. Abreu-Grobois, and M. Donnelly, editors. *Research and Management Techniques for the Conservation of Sea Turtles*. IUCN/SSC Marine Turtle Specialist Group.
- Bell, R. 1976. Thirteen years of tag recoveries from the Little Cumberland Island loggerhead turtle project. In: *Florida Interregional Conference on Sea Turtles at the Florida Institute of Technology, Jensen Beach Campus, 24-25 July 1976*.
- Bell, R. and Richardson, J.I. 1978. An analysis of tag recoveries from loggerhead sea turtles (*Caretta caretta*) nesting on Little Cumberland Island, Georgia. *Florida Marine Research Publications* 33: 20-24.
- Bellini, C., Godfrey, M.H. and Sanches, T.M. 2001. Metal tag loss in wild juvenile hawksbill sea turtles (*Eretmochelys imbricata*). *Herpetological Review* 32: 172-174.

- Bjorndal, K. A., Bolten, A. B., Lagueux, C. J. and Chaves, A. 1996. Probability of tag loss in green turtles nesting at Tortuguero, Costa Rica. *Journal of Herpetology* 30: 567-571.
- Bjorndal, K.A., and Bolten, A.B. 1997. Developmental migrations of juvenile green turtles in the Bahamas In: Keinath, J.A., Barnard, D.E., Musick, J.A., and Bell, B.A. (compilers), *Proceedings of the Fifteenth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-387, p. 338.
- Bjorndal, K. A., A. B. Bolten, and H. R. Martins. 2000. Somatic growth model of juvenile loggerhead sea turtles *Caretta caretta*: duration of pelagic stage. *Marine Ecology Progress Series* 202:265-272.
- Bolten, A. B., Eliazar, P. J. and Bjorndal, K. A. 2001. Sea turtle tag inventory. *Marine Turtle Newsletter* 91: 15.
<<http://www.seaturtle.org/mtn/archives/mtn91/mtn91p15b.shtml>>
- Bolten, A. B., H. R. Martins, K. A. Bjorndal, and J. Gordon. 1993. Size distribution of pelagic-stage loggerhead sea turtles (*Carretta carretta*) in the waters around the Azores and Madeira. *Arquipelago Ciencias da Natureza* 11: 49-54.
- Boulon, R. H., Jr. 1989. Virgin Island turtle tag recoveries outside of the U.S. Virgin Islands. In: S.A. Eckert, K.L. Eckert and T.H. Richardson (compilers), *Proceedings of the Ninth Annual Workshop on Sea Turtle Conservation and Biology*. NOAA Technical Memorandum NMFS-SEFC-232, pp. 207-209.
- Boulon, R.H., Frazer, N.B. 1990. Growth of wild juvenile Caribbean green turtles, *Chelonia mydas*. *Journal of Herpetology* 24: 441-445.
- Broderick, A. C., and B. J. Godley. 1999. Effect of tagging marine turtles on nesting behavior and reproductive success. *Animal Behaviour* 58: 587-591. Available as pdf from <http://www.seaturtle.org/mtrg/pubs/>
- Broderick AC, Glen F, Godley BJ, Hays GC. (2003) Variation in reproductive output of marine turtles. *Journal Experimental Marine Biology and Ecology* 288:95-109 Available as pdf from <http://www.seaturtle.org/mtrg/pubs/>
- Burnett-Herkes, J. 1974. Returns of green turtles (*Chelonia mydas*) tagged at Bermuda. *Biological Conservation* 6: 307-308.
- Cadigan, N. G., and J. Brattey. 2003. Semiparametric estimation of tag loss and reporting rates for tag-recovery experiments using exact time-at-liberty data. *Biometrics* 59:869-876.

- Carr, A.F., Carr, M.H., and Meylan, A.B. 1978. The ecology and migrations of sea turtles 7, The west Caribbean green turtle colony. Bulletin of the American Museum of Natural History 162: 1-48.
- Chaloupka, M. Y., and J. A. Musick. 1997. Age, growth, and population dynamics. Pages 233-277 in J. A. Musick and P. L. Lutz, editors. The Biology of Sea Turtles. CRC Press, Boca Raton, Florida.
- Chaloupka, M., and C. J. Limpus. 2001. Trends in the abundance of sea turtles resident in southern Great Barrier Reef waters. Biological Conservation 102: 235-249.
- Chevalier, J., and M. Girondot. 1998. Dynamique de pontes des Tortues luths en Guyane française durant la saison 1997. Bull. Soc. Herp. Fr. 85-86: 5-19.
- Congdon, J. D., R. D. Nagle, O. M. Kinney, and R. C. van Loben Sels. 2001. Hypotheses of aging in a long-lived vertebrate, Blanding's turtle (*Emydoidea blandingii*). Experimental Gerontology 26: 813-827.
- Cornelius, S.E. 1977. More on the tag loss problem. Marine Turtle Newsletter 5: 2.
<<http://www.seaturtle.org/mtn/archives/mtn5/mtn5p2a.shtml>>
- Cornelius, S.E. and Robinson, D.C. 1982. Tag recoveries for ridleys nesting in Costa Rica. Marine Turtle Newsletter 21: 2-3.
<<http://www.seaturtle.org/mtn/archives/mtn21/mtn21p2b.shtml>>
- de Silva, G.S. 1986. Turtle tagging and international tag returns for Sabah, East Malaysia. Sarawak Museum Journal 36: 263-272.
- de Silva, G. S. 1997. International tag returns for the Turtle Islands Park, Sabah, Malaysia - 1985 to 1995 and notes on the Sabah - Philippine Turtle Management Plan. Sarawak Museum Journal 51: 145-169.
- Diez, C. E., and R. P. van Dam. 2003. Sex ratio of an immature Hawksbill Seaturtle aggregation at Mona Island, Puerto Rico. Journal of Herpetology 37:533-537.
- Eckert, K.L. 1987. Tag loss and the estimation of sea turtle abundance ASB Bulletin 34: 120.
- Eckert, S.A. 1990. Tag information requested. Marine Turtle Newsletter 51: 29.
<<http://www.seaturtle.org/mtn/archives/mtn51/mtn51p29b.shtml>>
- Fonnesbeck, C. J., and C. K. Dodd. 2003. Estimation of flattened musk turtle (*Sternotherus depressus*) survival, recapture, and recovery rate during and after a disease outbreak. Journal of Herpetology 37:602-607.

- Frazer, N.B. 1983. Survivorship of adult female loggerhead sea turtles, *Caretta caretta*, nesting on Little Cumberland Island, Georgia, USA. *Herpetologica* 39: 436-447.
- Frazier, J. 1980. Tag recovery of *Lepidochelys olivacea* in East Pacific. *Marine Turtle Newsletter* 16: 15-16.
<<http://www.seaturtle.org/mtn/archives/mtn16/mtn16p15b.shtml>>
- Fretey, J., and J. Lescure. 1998. Les tortues marines en Guyane Française: bilan de vingt ans de recherche et de conservation. *JATBA, Revue d'Ethnobiologie* 40: 219-238.
- Goff, G. P., J. Lien, G. B. Stenson, and J. Fretey. 1994. The migration of a tagged leatherback turtle, *Dermochelys coriacea*, from French Guiana, South America, to Newfoundland, Canada, in 128 days. *Canadian Field-Naturalist* 108: 72-73.
- Gorham, J. C., Bresette, M. J. and Peery, B. D. 1998. Comparative tag retention rates for two styles of flipper tags. In: Epperly, S.P. and Braun, J. (compilers), *Proceedings of the Seventeenth Annual Sea Turtle Symposium*. U.S. Dep. Commer. NOAA Tech Memo. NMFS-SEFSC-415, pp. 179-182
- Green, D. 1984. Long-distance movements of Galapagos green turtles. *Journal of Herpetology* 18: 121-130.
- Guseman, J.L. and Ehrhart, L.M. 1992. A contribution to the ecologic geography of the western Atlantic loggerhead and green turtle from analysis of remote tag recoveries. *Florida Scientist* 55 (Supplement 1): 24-25.
- Guzeman, J.L. and Ehrhart, L.M. 1992. Ecological geography of western Atlantic loggerheads and green turtles: evidence from remote tag recoveries. In: Salmon, M. and Wyneken, J. (compilers), *Proceedings of the Eleventh Annual Workshop on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFC-302, p. 50.
- Harrisson, T. 1959. Notes on the edible green turtle (*Chelonia mydas*). 8. First tag returns outside Sarawak, 1959. *Sarawak Museum Journal* 9: 277-278.
- Henwood, T.A. 1986. Losses of Monel flipper tags from loggerhead sea turtles, *Caretta caretta*. *Journal of Herpetology* 20: 276-279.
- Hines, J. E., W. L. Kendall, and J. D. Nichols. 2003. On the use of the robust design with transient capture-recapture models. *Auk* 120:1151-1158.
- Hopkins, S.R. 1979. Experimental carapace tag. *Marine Turtle Newsletter* 13: 9-10.
<<http://www.seaturtle.org/mtn/archives/mtn13/mtn13p9.shtml>>
- Houghton, J.D.R., M.J. Callows, and G.C. Hays. 2003. Habitat utilization by juvenile hawksbill turtles (*Eretmochelys imbricata*, Linnaeus, 1766) around a shallow water coral reef. *Journal of Natural History* 37: 1269–1280.

- Hughes, G.R. 1970. Further studies on marine turtles in Tongaland, III. *Lammergeyer* 12: 7-25.
- Hughes, G.R. 1975. The marine turtles of Tongaland, 8. *Lammergeyer* 22: 9-18.
- Johnson, S.A., and L.M. Ehrhart. 1996. Reproductive ecology of the Florida green turtle: clutch frequency. *Journal of Herpetology* 30: 407-410.
- Kamezaki, N., I. Miyawaki, H. Suganuma, K. Omuta, Y. Nakajima, K. Goto, K. Sato, Y. Matsuzawa, M. Samejima, M. Ishii, and T. Iwamoto. 1997. Post-nesting migration of Japanese loggerhead turtle, *Caretta caretta*. *Wildlife Conservation Japan* 3: 29-39.
- Kendall, W. L., and R. Bjorkland. 2001. Using open robust design models to estimate temporary emigration from capture-recapture data. *Biometrics* 57:1113-1122.
- Kendall, W.L. and Nichols, J.D. 2003. Estimating state-transition probabilities for unobservable states using capture-recapture/resighting data. *Ecology* 83: 3276-3284.
- LeBuff, C.R. 1985. Tag series update. *Marine Turtle Newsletter* 35: 10-11.
<<http://www.seaturtle.org/mtn/archives/mtn35/mtn35p10b.shtml>>
- Lima, E.H.S.M., Lagueux, C.J., Castro, D., and Marcovaldi, M.A. 1999. From one feeding ground to another: green turtle migration between Brazil and Nicaragua. *Marine Turtle Newsletter* 85: 10.
<http://www.seaturtle.org/mtn/archives/mtn85/mtn85p10.shtml>
- Limpus, C.J. 1992. Estimation of tag loss in marine turtle research. *Wildlife Research* 19: 457-469.
- Limpus, C.J., and Chaloupka, M. 1997. Nonparametric regression modelling of green sea turtle growth rates (southern Great Barrier Reef). *Marine Ecology Progress Series* 144: 1-12.
- Limpus, C.J., Miller, J.D., Parmenter, C.J., Reimer, D., McLachlan, N. and Webb, R. 1992. Migration of green (*Chelonia mydas*) and loggerhead (*Caretta caretta*) turtles to and from Eastern Australian Rookeries. *Wildlife Research* 19: 347-358.
- Lowe, W. H. 2003. Linking dispersal to local population dynamics: A case study using a headwater salamander system. *Ecology* 84:2145-2154.
- Lum, L.L., Lima, E.H.S.M., and Santos, A. 1998. Green turtle tagged in Brazil recovered in Trinidad. *Marine Turtle Newsletter* 82: 9.
<http://www.seaturtle.org/mtn/archives/mtn82/mtn82p9a.shtml>

- MacKenzie, D. I., J. D. Nichols, J. E. Hines, M. G. Knutson, and A. B. Franklin. 2003. Estimating site occupancy, colonization, and local extinction when a species is detected imperfectly. *Ecology* 84:2200-2207.
- Manire, C.A. and Foote, J.J. 1996. Capture and tag-and-release of juvenile turtles caught in gill nets in nearshore habitat of the eastern Gulf of Mexico during fishery-independent shark studies. In: Keinath, J.A., Barnard, D.E., Musick, J.A., and Bell, B.A. (compilers), *Proceedings of the Fifteenth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-387, pp. 182-186.
- McDonald, D.L. and Dutton, P. 1994. Tag retention in leatherback sea turtles (*Dermochelys coriacea*) at Sandy Point, St. Croix, USVI. In: Schroeder, B.A. and Witherington, B.E. (compilers), *Proceedings of the Thirteenth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Tech. Memo. NMFS-SEFSC-341, pp. 253.
- Mendonca, M.T. 1983. Movements and feeding ecology of immature green turtles (*Chelonia mydas*) in a Florida lagoon. *Copeia* 1983: 1013-1023.
- Meylan, A. 1982. Sea turtle migration – evidence from tag returns. In: Bjorndal, K.A. (ed.), *Biology and Conservation of Sea Turtles*. Smithsonian Institution Press, Washington, D.C. pp. 91-100.
- Miller, J. D., Dobbs, K. A., Limpus, C. J., Mattocks, N. and Landry, A. M., Jr. 1998. Long-distance migrations by the hawksbill turtle, *Eretmochelys imbricata*, from north-eastern Australia. *Wildlife Research* 25: 89-95.
- Mortimer, J.A., and Carr, A. 1987. Reproduction and migrations of the Ascension Island green turtle (*Chelonia mydas*). *Copeia* 1987: 103-113.
- Moulton, J. M. 1963. The recapture of a marked leatherback turtle in Casco Bay, Maine. *Copeia* 1963: 434-435.
- Mrosovsky, N. 1976. The tag loss problem. *Marine Turtle Newsletter* 1: 3-4.
<<http://www.seaturtle.org/mtn/archives/mtn1/mtn1p3.shtml>>
- Mrosovsky, N. 1978. Turtle with plastic tag seen off New Jersey, USA. *Marine Turtle Newsletter* 9: 7. <<http://www.seaturtle.org/mtn/archives/mtn9/mtn9p7a.shtml>>
- Ogasawara Marine Center and Ogasawara Fisheries Center 1990. Tag and released sea turtles from Ogasawara during 1989 fiscal year. *Japanese Marine Turtle Newsletter* 6: 5-10.

- Owens, D.W. 1977. More on the tag loss problem. Marine Turtle Newsletter 3: 8.
<<http://www.seaturtle.org/mtn/archives/mtn3/mtn3p8b.shtml>>
- Parmenter, C. J. 2003. Plastic flipper tags are inadequate for long-term identification of the flatback sea turtle (*Natator depressus*). Wildlife Research 30:519-521.
- Penaflares S.C. 1981. Tag recapture of olive ridley in Mexico. Marine Turtle Newsletter 18: 13. <<http://www.seaturtle.org/mtn/archives/mtn18/mtn18p13a.shtml>>
- Pine, W. E., K. H. Pollock, J. E. Hightower, T. J. Kwak, and J. A. Rice. 2003. A review of tagging methods for estimating fish population size and components of mortality. Fisheries 28:10-23.
- Prince, R.I.T. 1991. Tag information requested. Marine Turtle Newsletter 52: 24-25.
<<http://www.seaturtle.org/mtn/archives/mtn52/mtn52p24c.shtml>>
- Pritchard, P.C.H. 1973. International migrations of South American sea turtles (Cheloniidae and Dermochelidae). Animal Behavior 21:18-27.
- Pritchard, P.C.H. 1976. Post-nesting movements of marine turtles (Cheloniidae and Dermochelyidae) tagged in the Guianas. Copeia 1976:749-754.
- Ramirez de Veyra, R.T.D. 1994. Foreign tag recoveries from the Philippines. Marine Turtle Newsletter 64: 6-9.
<<http://www.seaturtle.org/mtn/archives/mtn64/mtn64p6.shtml>>
- Reina, R. D., P. A. Mayor, J. R. Spotila, R. Piedra, and F. V. Paladino. 2002. Nesting ecology of the leatherback turtle, *Dermochelys coriacea*, at Parque Nacional Marino Las Baulas, Costa Rica: 1988-1989 to 1999-2000. Copeia 2002: 653-664.
- Resendiz, A., Nichols, W. J., Seminoff, J. A. and Kamezaki, N. 1998. One-way transpacific migration of loggerhead sea turtles (*Caretta caretta*) as determined through flipper tag recovery and satellite tracking. In: Epperly, S.P. and Braun, J. (compilers), Proceedings of the Seventeenth Annual Sea Turtle Symposium. U.S. Dep. Commer. NOAA Tech Memo. NMFS-SEFSC-415, p. 253.
- Roldan-Chacon, C., Bolanos-Vives, N. and Chaves, A. 1994. Coordination of the Latin American Tag System Project (LTSP). In: Schroeder, B.A. and Witherington, B.E. (compilers), Proceedings of the Thirteenth Annual Symposium on Sea Turtle Biology and Conservation. NOAA Tech. Memo. NMFS-SEFSC-341, pp. 149-151.
- Ross, J.P. and Lagueux, C.J. 1993. Tag return from a male green sea turtle. Marine Turtle Newsletter 62: 5-6.
<<http://www.seaturtle.org/mtn/archives/mtn62/mtn62p5.shtml>>

- Schmid, J.R. 1995. Marine turtle populations on the east-central coast of Florida: results of tagging studies at Cape Canaveral, Florida, 1986-1991. Fishery Bulletin 93: 139-151.
- Schmid, J. R. 1998. Marine turtle populations on the west-central coast of Florida: results of tagging studies at the Cedar Keys, Florida, 1986-1995. Fishery Bulletin 96: 589-602.
- Schmidt, B. R. 2003. Count data, detection probabilities, and the demography, dynamics, distribution, and decline of amphibians. Comptes Rendus Biologies 326 Suppl. 1:S119-S124.
- Schulz, J.P. 1975. Sea turtles nesting in Suriname. Zoologische Verhandelingen 143: 1-143.
- Siddeek, S. M., and R. M. Baldwin. 1996. Assessment of the Oman green turtle (*Chelonia mydas*) stock using a stage-class matrix model. Herpetological Journal 6:1-8.
- Spring, C.S. and Pike, D. 1998. Tag recovery supports satellite tracking of a green turtle. Marine Turtle Newsletter 82: 8
<<http://www.seaturtle.org/mtn/archives/mtn82/mtn82p8.shtml>>
- Uchida, S. and Heruya, H. 1991. A) Transpacific migration of a tagged loggerhead, *Caretta caretta*. B) Tag-return result of loggerhead released from Okinawa Islands, Japan. In: Uchida, I. (ed.), International Symposium on Sea Turtles '88 in Japan. Himeji City Aquarium, Himeji City, Japan, pp. 169-182.
- van Dam, R.P. and Diez, C.E. 1997. Preliminary evaluation of plastic tag performance on Caribbean hawksbill turtles. Marine Turtle Newsletter 76: 11-12.
<<http://www.seaturtle.org/mtn/archives/mtn76/mtn76p11.shtml>>
- van Dam, R. P. and Diez, C. E. 1999. Differential tag retention in Caribbean hawksbill turtles. Chelonian Conservation and Biology 3: 225-229.
- Witham, R. and A. Carr. 1968. Returns of tagged pen-reared green turtles. Quarterly Journal of Florida Academy of Science 31: 49-50.
- Witzell, W. N., A. L. Bass, M. J. Bresette, D. A. Singewald and J. C. Gorham. 2002. Origin of immature loggerhead sea turtles (*Caretta caretta*) at Hutchinson Island, Florida: evidence from mtDNA markers. Fishery Bulletin. 100: 624-631.
- Witzell, W. N. 1998. Long-term tag returns from juvenile Kemp's ridleys. Marine Turtle Newsletter 79: 20
<<http://www.seaturtle.org/mtn/archives/mtn79/mtn79p20a.shtml>>

Yamamura, K. 2003. Population estimation by a one-release, two-capture experiment. *Applied Entomology and Zoology* 38:475-486.

PIT TAGS:

Elbin, S. B., and J. Burger. 1994. Implantable microchips for individual identification in wild and captive populations. *Wildlife Society Bulletin* 22: 667-683.

Godley, B. J., A. C. Broderick, and S. Moraghan. 1999. Short-term effectiveness of passive integrated transponder (PIT) tags used in the study of Mediterranean marine turtles. *Chelonian Conservation and Biology* 3: 477-479.

Kamezaki, N., Kuroyanagi, K. and Sugiyama, S. 1998. Pit tag injection for hatchling sea turtles. *Umigame Newsletter of Japan* 36: 10-12.

Manzella, S.A. 1988. PIT tag central data registry. *Marine Turtle Newsletter* 43: 7-8.
<<http://www.seaturtle.org/mtn/archives/mtn43/mtn43p7.shtml>>

McDonald, D. L., and P. H. Dutton. 1996. Use of PIT tags and photoidentification to revise remigration estimates of leatherback turtles (*Dermochelys coriacea*) nesting in St. Croix, U.S. Virgin Islands, 1979-1995. *Chelonian Conservation and Biology* 2:148-152.

Parmenter, C.J. 1993. A preliminary evaluation of the performance of passive integrated transponders and metal tags in a population study of the flatback sea turtle, *Natator depressus*. *Wildlife Research* 20: 375-381.

Rivalan, P., Godfrey, M.H., Prévot-Julliard, A.-C., and Girondot, M. In press. Maximum likelihood estimates of tag loss in leatherback sea turtles. *Journal of Wildlife Management*. Available for download here: <http://www.esu-psud.fr/epc/conservation/tortues_marines/index.html>

Spotila, J. R., R. D. Reina, A. C. Steyermark, P. T. Plotkin, and F. V. Paladino. 2000. Pacific leatherback turtles face extinction. *Nature* 405:529-530.

Sugiyama, S., Oomuta, K. and Kamezaki, N. 1999. ID list of PIT-tag in released loggerhead hatchlings from Yakusima Is. *Umigame Newsletter of Japan* 42: 10-13.

SATELLITE TELEMETRY AND OTHER DATA LOGGERS:

Avens, L., J. Braun McNeill, S. Epperly, and K. J. Lohmann. 2003. Site fidelity and homing behavior in juvenile loggerhead sea turtles (*Caretta caretta*). *Marine Biology* 143:211-220.

- Addison, D.S., J.A. Gore, J. Ryder, and K. Worley. 2002. Tracking post-nesting movements of loggerhead turtles (*Caretta caretta*) with sonic and radio telemetry on the southwest coast of Florida, USA. *Marine Biology*. 141: 201-205.
- Bentivegna, F., S. Hochscheid, and C. Minucci. 2003. Seasonal variability in voluntary dive duration of the Mediterranean loggerhead turtle, *Caretta caretta*. *Scientia Marina* 67:371-375.
- Balazs, G.H. 1994. Homeward bound: satellite tracking of Hawaiian green turtles from nesting beaches to foraging pastures. In: Schroeder, B.A. and Witherington, B.E. (compilers), *Proceedings 13th Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-341, pp. 205-208.
- Balazs, G.H. and Ellis, D.M. 2000. Satellite telemetry of migrant male and female green turtles breeding in the Hawaiian Islands. In: Abreu-Grobois, F.A., Briseño-Deuñas, R., Marquez, R., and Sarti, L. (compilers) *Proceedings of the Eighteenth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-436, pp. s3-s5.
- Balazs, G.H., Craig, P., Winton, B.R. and Miya, R.K. 1994. Satellite telemetry of green turtles nesting at French Frigate Shoals, Hawaii, and Rose Atoll, American Samoa. In: Bjorndal, K.A., Bolten, A.B., Johnson, D.A., and Eliazar, P.J. (compilers) *Proceedings 14th Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-351, pp 184-187.
- Balazs, G.H., R.K. Miya and S.C. Beavers. 1996. Procedures to attach a satellite transmitter to the carapace of an adult green turtle. In: Keinath, J.A., Barnard, D.E., Musick, J.A., and Bell, B.A. (compilers), *Proceedings of the Fifteenth Annual Symposium on Sea Turtle Biology and Conservation*. NMFS-SEFSC-387, pp. 21-26.
- Bentivegna, F. 2002. Intra-Mediterranean migrations of loggerhead sea turtles (*Caretta caretta*) monitored by satellite telemetry. *Marine Biology* 141: 795-800.
- Brill, R.W., Balazs, G.H., Nolland, K.N., Chang, R.K.C., Sullivan, S., and George, A.C. 1995. Daily movements, habitat use, and submergence intervals of normal and tumor bearing juvenile green turtles (*Chelonia mydas* L.) within a foraging area in the Hawaiian islands. *Journal of Experimental Marine Biology and Ecology* 185: 203-218.
- Cheng, I.J. 2000. Post nesting migrations of green turtles (*Chelonian mydas*) at Wan-An Island, Penghu Archipelago, Taiwan. *Marine Biology* 137: 747-754.
- Eckert, S.A. and K.L. Eckert. 1986. Harnessing leatherbacks. *Marine Turtle Newsletter* 37: 1-3. <http://www.seaturtle.org/mtn/archives/mtn37/mtn37p1.shtml>

- Eckert, Scott A., Data Acquisition systems for monitoring sea turtle behavior and physiology. In Research and Management Techniques for the Conservation of Sea Turtles. K.L. Eckert, K.A. Bjorndal, F.A. Abreu-Grobois, M. Donnelly (Editors) IUCN/SSC Marine Turtle Specialist Group Publication No. 4, 1999, pp. 88-93.
- Frazier, J. 1996. Measurement error: taboo in testudine investigations. In: Proceedings of the International Congress of Chelonian Conservation, pp. 266-268.
- Frazier, J. 1998. Measurement error: the great chelonian taboo. In: Byles, R., and Fernandez, Y. (compilers). Proceedings of the Sixteenth Annual Symposium on Sea Turtle Biology and Conservation. NOAA Technical Memorandum NMFS-SEFSC-412, pp. 47-49.
- Glen, F., Broderick, A.C., Godley, B.J., Metcalfe, J.D., and Hays, G.C. 2001. Dive angles for a green turtle (*Chelonia mydas*). Journal of Marine Biological Association (UK). 81: 683-86 Available to download from <http://www.seaturtle.org/mtrg/pubs/> or http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Godley, B.J., S. Richardson, A.C. Broderick, M.S. Coyne, F. Glen, and G. C. Hays. 2002. Long-term satellite telemetry of the movements and habitat utilisation by green turtles in the Mediterranean. Ecography 25: 352-362. Available to download from <http://www.seaturtle.org/mtrg/pubs/> or http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Godley, B.J., Broderick, A.C., Glen, F., and Hays, G.C. 2003. Post-nesting movements and submergence patterns of loggerhead marine turtles in the Mediterranean assessed by satellite tracking. Journal Experimental Marine Biology and Ecology 287: 119-134. Available to download from <http://www.seaturtle.org/mtrg/pubs/> or http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Godley, B.J., Lima, E.H.S.M., Åkesson, S., Broderick, A.C., Glen, F., Godfrey, M.H., Luschi, P., and Hays, G.C. 2003. Movement patterns of green turtles in Brazilian coastal waters described by satellite tracking and flipper tagging. Marine Ecology Progress Series 253:279-288. Available to download from <http://www.seaturtle.org/mtrg/pubs/> or http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Hatase, H., Matsuzawa, Y., Sakamoto, W., Baba, N., and Miyawaki, I. 2002. Pelagic habitat use by an adult Japanese male loggerhead turtles *Caretta caretta* examined by the ARGOS satellite system. Fisheries Science 68: 945-947.
- Hatase, H., Takai, N., Matsuzawa, Y., Sakamoto, W., Omuta, K., Goto, K., Arai, A., and Fujiwara, T. 2002. Size-related differences in feeding habitat use of adult female

- loggerhead turtles *Caretta caretta* around Japan determined by stable isotope analyses and satellite telemetry. Marine Ecology Progress Series 233: 273-281.
- Hays, G. C., S. Akesson, A. C. Broderick, F. Glen, B. J. Godley, P. Luschi, C. Martin, J. D. Metcalfe, and F. Papi. 2001. The diving behaviour of green turtles undertaking oceanic migration to and from Ascension Island: dive durations, dive profiles and depth distribution. Journal of Experimental Biology 204:4093-4098. Available to download from <http://www.seaturtle.org/mtrg/pubs/> or http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Hays, G. C., S. Akesson, A. C. Broderick, F. Glen, B. J. Godley, F. Papi, and P. Luschi. 2003. Island-finding ability of marine turtles. Proceedings of the Royal Society of London, B (Supplement). Available to download from <http://www.seaturtle.org/mtrg/pubs/> or http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Hays, G. C., S. Akesson, B. J. Godley, P. Luschi, and P. Santidrian. 2001. The implications of location accuracy for the interpretation of satellite-tracking data. Animal Behaviour 61: 1035-1040. Available to download from <http://www.seaturtle.org/mtrg/pubs/> or http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Hays, G. C., A. C. Broderick, B. J. Godley, P. Luschi, and W. J. Nichols. 2003. Satellite telemetry suggests high levels of fishing-induced mortality in marine turtles. Marine Ecology Progress Series 262:305-309.
- Hays, G. C., P. Luschi, F. Papi, C. del Seppia, and R. Marsh. 1999. Changes in the behaviour during the inter-nesting period and post-nesting migration for Ascension Island green turtles. Marine Ecology Progress Series 189: 263-273. Available to download from http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Houghton, J. D., A. C. Broderick, B. J. Godley, J. D. Metcalfe, and G. C. Hays. 2002. Diving behavior during the internesting interval for loggerhead turtles *Caretta caretta* nesting in Cyprus. Marine Ecology Progress Series 227: 63-70. Available to download from <http://www.seaturtle.org/mtrg/pubs/> or http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Hughes, G.R., Luschi, P., Mencacci, R., and Papi, F. 1998. The 7000km oceanic journey of a leatherback turtle tracked by satellite. Journal of Experimental Marine Biology and Ecology 229: 209-217.
- Luschi, P., S. Akesson, A. C. Broderick, F. Glen, B. J. Godley, F. Papi, and G. C. Hays. 2001. Testing the navigational abilities of ocean migrants: displacement experiments on green sea turtles (*Chelonia mydas*). Behavioral Ecology and Sociobiology 50: 528-534. Available to download from

- <http://www.seaturtle.org/mtrg/pubs/> or
<http://www.swan.ac.uk/bs/turtle/hays_publications.htm>
- Luschi, P., G. C. Hays, C. Del Seppia, R. Marsh, and F. Papi. 1998. The navigational feats of green sea turtles migrating from Ascension Island investigated by satellite telemetry. *Proceedings of the Royal Society of London, B* 265:2279-2284.
Available to download from
<http://www.swan.ac.uk/bs/turtle/hays_publications.htm>
- Luschi, P., G. C. Hays, and F. Papi. 2003. A review of long-distance movements by marine turtles, and the possible role of ocean currents. *Oikos* 103:293-302.
Available to download from
<http://www.swan.ac.uk/bs/turtle/hays_publications.htm>
- Luschi, P., G. R. Hughes, R. Mencacci, E. De Bernardi, A. Sale, R. Broker, M. Bouwer, and F. Papi. 2003. Satellite tracking of migrating loggerhead sea turtles (*Caretta caretta*) displaced in the open sea. *Marine Biology* 143:793-801.
- Luschi, P., A. Sale, R. Mencacci, G. R. Hughes, J. R. E. Lutjeharms, and F. Papi. 2003. Current transport of leatherback sea turtles (*Dermochelys coriacea*) in the ocean. *Proceedings of the Royal Society of London Series B Biological Sciences* 270 Suppl. 2:S129-S132.
- Mitchell, Sarah V. 2000. Use of epoxy in telemeter attachment. In: Abreu-Grobois, F.A., Briseno-Duenas, R., Marquez, R. and Sarti, L. (compilers), *Proceedings of the Eighteenth International Sea Turtle Symposium*. U.S. Dept. of Commerce. NOAA Technical Memorandum NMFS-SEFSC-436, pp. 254-255.
- Morreale, S.J., Standora, E.A., Spotila, J.R. and Paladino, F.V. 1996. Migration corridor for sea turtles. *Nature* 384: 319-320.
- Musick, J.A. and Limpus C.J. 1997. Habitat utilisation and migration in juvenile sea turtles. In: Lutz, P.L. and Musick, J.A. (Eds.) *The Biology of Sea Turtles*. CRC Press, Boca Raton, pp 137-165.
- Nichols, W. J., Resendiz, A., Seminoff, J. A. and Resendiz, B. 2000. Transpacific migration of a loggerhead turtle monitored by satellite telemetry. *Bulletin of Marine Science* 67: 937-947.
- Papi, F. and Luschi, P. 1996. Pinpointing "Isla Meta": the case of sea turtles and albatrosses. *Journal of Experimental Biology* 199: 65-71.
- Papi, F., Luschi, P., Crosio, E. and Hughes, G. 1997. Satellite tracking experiments on the navigational ability and migratory behaviour of the loggerhead turtle *Caretta caretta*. *Marine Biology* 129: 215-220.

- Papi, F., P. Luschi, S. Akesson, S. Capogrossi, and G. C. Hays. 2000. Open-sea migration of magnetically disturbed sea turtles. *Journal of Experimental Biology* 203:3435-3443. Available to download from http://www.swan.ac.uk/bs/turtle/hays_publications.htm
- Plotkin, P.T. 1998. Interaction between behavior of marine organisms and the performance of satellite transmitters: a marine turtle case study. *Marine Technology Society Journal* 32: 5-10.
- Plotkin, P. T., and J. R. Spotila. 2002. Post-nesting migrations of loggerhead turtles *Caretta caretta* from Georgia, USA: conservation implications for a genetically distinct subpopulation. *Oryx* 36: 396-399.
- Polovina, J.L., Kobayashi, D.R., Parker, D., Seki, M.P., and Balazs, G.H. 2000. Turtles on the edge: movement of loggerhead turtles (*Caretta caretta*) along oceanic fronts, spanning longline fishing grounds in the central North Pacific, 1997-1998. *Fisheries Oceanography* 9: 71-82.
- Polovina, J. J., G. H. Balazs, E. A. Howell, D. M. Parker, M. P. Seki, and P. H. Dutton. 2004. Forage and migration habitat of loggerhead (*Caretta caretta*) and olive ridley (*Lepidochelys olivacea*) sea turtles in the central North Pacific Ocean. *Fisheries Oceanography* 13:36-51.
- Renaud, M.L., and Carpenter, J.A. 1994. Movements and submergence patterns of loggerhead turtles (*Caretta caretta*) in the Gulf of Mexico determined through satellite telemetry. *Bulletin of Marine Science* 55: 1-15.
- Sakamoto, W., Bando, T., Nobuaki, A., and Babam, N. 1997. Migration path of the adult female and male loggerhead turtles *Caretta caretta* determined through satellite telemetry. *Fisheries Science* 63: 547-552
- Sato, K., Matsuzawa, Y., Tanaka, H., Bando, T., Minamikawa, S., Sakamoto, W. and Naito, Y. 1998. Internesting intervals for loggerhead turtles, *Caretta caretta*, and green turtles, *Chelonia mydas*, are affected by temperature. *Canadian Journal of Zoology* 76: 1651-1662.
- Seminoff, J.A., Resendiz, A., and Nichols, W.J. 2002. Home range of green turtles *Chelonia mydas* at a coastal foraging area in the Gulf of California, Mexico. *Marine Ecology Progress Series* 242: 253-265.
- Sisak, M. M., Hillis-Starr, Z., Phillips, B., Pemberton, R. A., Jr. and Crow, J. W. 2000. Use of a miniature data storage tag on a juvenile hawksbill turtle (*Eretmochelys imbricata*) at Buck Island Reef NM, U.S. Virgin Islands. In: Abreu-Grobois, F.A., Briseno-Duenas, R., Marquez, R. and Sarti, L. (compilers), *Proceedings of the Eighteenth International Sea Turtle Symposium*. U.S. Dept. of Commerce. NOAA Technical Memorandum NMFS-SEFSC-436 pp. 256-260.

- Spring, S. 1990. Satellite tracking of green turtles in Australia-preliminary results. In: James, R. (compiler) Proceedings of the Australian marine turtle conservation workshop. Queensland Department of the environment, Heritage and Australian Natural Conservation Agency, Queensland, Australia, pp. 192-197.
- Yonat Swimmer, Y., Brill, R. and Musyl, M. 2002. Use of pop-up satellite archival tags to quantify mortality of marine turtles incidentally captured in longline fishing gear. Marine Turtle Newsletter 97: 3-7.
- Timko, R. E. and Kolz, A. L. 1982. Satellite sea turtle tracking. Marine Fisheries Review 44: 19-24.
- Watson, K.P. and Granger, R.S. 1998. Hydrodynamic effect of a satellite transmitter on a juvenile green turtle (*Chelonia mydas*). Journal of Experimental Biology 201: 2497-2505.
- Whiting, S.D. and Miller J.D. 1998. Short term foraging ranges of adult green turtles (*Chelonia mydas*). Journal of Herpetology 32: 330-337.

LIVING TAGS AND OTHER INTERNAL/EXTERNAL NON-UNIQUE MARKERS

- Arenas, A., Raigoza, R. and Sanchez, R. 2000. Comparison of growth curves for sea turtles of two nest in captivity, and the follow of evolution of living tag technique in green turtles *Chelonia mydas* at Xcaret Eco-Archeological Park. In: Abreu-Grobois, F.A., Briseno-Duenas, R., Marquez, R. and Sarti, L. (compilers), Proceedings of the Eighteenth International Sea Turtle Symposium. U.S. Dept. of Commerce. NOAA Technical Memorandum NMFS-SEFSC-436, pp. 159-161.
- Bell, C.D.L. and Parsons, J. 2002. Cayman turtle farm head-starting project yields tangible success. Marine Turtle Newsletter 98: 5-6.
<<http://www.seaturtle.org/mtn/archives/mtn98/mtn98p5.shtml>>
- Bolker, B., T. Okuyama, K. Bjorndal, and A. Bolten. 2003. Sea turtle stock estimation using genetic markers: accounting for sampling error of rare genotypes. Ecological Applications 13:763-775.
- Fontaine, C.T. and Schexnayder, M.A. 1995. Recognition of a captured head-started Kemp's ridley turtle by its living tag. Marine Turtle Newsletter 70: 9-10.
<http://www.seaturtle.org/mtn/archives/mtn70/mtn70p9.shtml>
- Fretey, J. 1981. Note sur les traumatismes observes chez des Tortues luth adultes *Dermochelys coriacea* (Vandelli) (Testudines, Dermochelyidae). Rev. fr. Aquariol 8:119-128.

- Fretey, J. 1992. A technique for identifying adult female leatherback turtles by their injuries. In: Proceedings of the First International Congress of Chelonian Pathology, Gonfaron, Var, France, pp. 43-56.
- Forbes, A.M. 1972. Distribution of injected europium in hatchling *Chelonia mydas* L. and its consideration as a tag. MSc. Thesis, University of Rhode Island, 42 pp.
- Hendrickson, J.R. and Hendrickson, L.P. 1980. Living tags for sea turtles. NOAA, National Marine Fisheries Service, Southwest Fisheries Center, Honolulu, Hawaii, 30 pp.
- Manzella, S.A., Caillouet, C.W., Jr. and Fontaine, C.T. 1988. Kemp's ridley, *Lepidochelys kempi*, sea turtle head start tag recoveries: distribution, habitat and method of recovery. Marine Fisheries Review 50: 24-32.
- Mrosovsky, N. and Godfrey, M.H. 2003. Living tag, living reputation. Marine Turtle Newsletter 99: 3-4.
<<http://www.seaturtle.org/mtn/archives/mtn99/mtn99p3.shtml>>
- Richardson, A., Herbst, L.H., Bennett, P.A., and Keuper Bennett, U. 2000. Photo-identification of Hawaiian green sea turtles. In: Abreu-Grobois, F.A., Briseno-Duenas, R., Marquez, R., and Sarti, L. (compilers), Proceedings of the Eighteenth International Sea Turtle Symposium. U.S. Dept. of Commerce. NOAA Technical Memorandum NMFS-SEFSC-436, p. 249.
- Schwartz, F.J. 1981. A long term internal tag for sea turtles. Northwest Gulf Science 5: 87-93.
- Wood, F.E. and Wood, J.R. 1985. Release of "living tag" marked green turtles in the Cayman Islands. Marine Turtle Newsletter 32: 5-6.
<<http://www.seaturtle.org/mtn/archives/mtn32/mtn32p5.shtml>>
- Wood, F., and J. Wood. 1993. Release and recapture of captive-reared green sea turtles, *Chelonia mydas*, in the waters surrounding the Cayman Islands. Herpetological Journal 3: 84-89.