

CURRICULUM VITAE**Peter W. C. Paton**

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EDUCATION

Utah State University, Department of Fisheries and Wildlife Biology, Logan, Utah
Ph.D. in Wildlife Biology, 1994
Colorado State University, Department of Fisheries and Wildlife, Fort Collins, Colorado
M.S. in Wildlife Biology, 1985
Lewis and Clark College, Department of Biology, Portland, Oregon
B.S. in Biology, 1978

PROFESSIONAL EXPERIENCE**Appointments**

- 2006-present: Professor and Chair, Department of Natural Resources Science, University of Rhode Island
- 2004-2005: Associate Professor and Chair, Department of Natural Resources Science, University of Rhode Island.
- 2001-2004: Associate Professor, Department of Natural Resources Science, University of Rhode Island
- 1995-2001: Assistant Professor, Department of Natural Resources Science, University of Rhode Island; duties include research, teaching (Field Ornithology, Wetland Wildlife Management, Conservation Biology), and service.
- 1994-1995: Research Scientist, Alaska Bird Observatory, supervised a project funded by the National Biological Service (NBS) to develop monitoring protocols for landbirds in the national parks in Alaska.
- 1990-1994: Graduate Research Assisant, Dept. of Fisheries and Wildlife Biology Utah State University; Studied breeding ecology of Snowy Plovers at Great Salt Lake for dissertation research.
- 1984-1990: Wildlife biologist, Redwood Science Laboratory U.S. Forest Service, Investigated the effects of timber harvesting practices on vertebrates (e.g., Spotted Owls, Marbled Murrelets, small mammals, herps).
- 1982-1984: Graduate Research Assistant,, Dept. of Fisheries and Wildlife Colorado State University,. Investigated techniques to minimize the adverse effects of cattle egrets as an air-strike hazard in Hilo, Hawaii.

1980-1982: Research Associate: Dept. of Fisheries and Wildlife, University of Missouri-Columbia; Assisted in investigating the breeding ecology of the threatened Hawaiian Hawk.

1979-1980: Wildlife Biologist, U.S. Forest Service and U.S. Fish and Wildlife Service; studied endangered forest birds in the Hawaiian Islands.

PEER-REVIEWED PUBLISHED ARTICLES

i. Books

Paton, P., L. Gould, P. August, and A. Frost (editors). 2002. Ecology of Block Island. Rhode Island Natural History Survey, Kingston, RI.

ii. Book Chapters (5)

- 1 Fellows, D.P., and **P.W.C. Paton**. 1988. Behavioral response of Cattle Egrets to population control measures in Hawaii. Pages 315-318 in A. C. Crabb and R. E. Marsh (eds). Proceedings of the 13th Annual Vertebrate Pest Conference, University of California, Davis.
- 2 Ralph, C.J., **P.W.C. Paton**, A. Zakis, and G. Strachen. 1990. Breeding distribution of the Marbled Murrelet in Redwood National Park and vicinity during 1988. Pages 57-70 in Examples of resource inventory and monitoring in national parks of California. C. van Riper III, T.J. Stohlgren, S.D. Viers, and S.C. Hillyer (eds). United States Department of the Interior, National Park Service Proceedings. Series No. 8.
- 3 Ralph, C.J., **P.W.C. Paton**, and C.A. Taylor. 1991. Habitat association patterns of breeding birds and small mammals in Douglas-fir stands in northwestern California and southwestern Oregon. Pages 378-393 in L.F. Ruggiero and others (eds.). Wildlife and vegetation of unmanaged Douglas-fir forests. U.S. Forest Service General Technical Report PNW-GTR-285.
- 4 **Paton, P.W.C.**, C.J. Ralph, and D.A. Erickson. 1992. Marbled Murrelet use of an inland site in northwestern California. Pages 109-116 in Carter, H. R. and Morrison, M. L. (eds). Status and conservation of the Marbled Murrelet in North America. *Proceedings of the Western Foundation of Vertebrate Zoology*. Vol. 5. No. 1.
- 5 **Paton, P.W.C.** 1995. Defining inland detections of Marbled Murrelets. Pages 113-117 in A Conservation Assessment for the Marbled Murrelet. U.S. Forest Service General Technical Report PSW-GTR-152.

iii. Refereed Articles (54)

- 1 Griffin, C.R. and **P.W.C. Paton**. 1981. Plumage characteristics of the 'Io. *'Elepaio* 41:116-117.
- 2 **Paton, P.W.C.** 1981. Pelagic Kalij Pheasants? *'Elepaio* 41:139-140.
- 3 **Paton, P.W.C.** 1981. Yellow-fronted Canary extends range into the ohia forest on the Big Island. *'Elepaio* 42:11-12.
- 4 **Paton, P.W.C.** 1981. An albino Black Noddy sighting. *'Elepaio* 42:41-42.
- 5 Ashman, P.A., **P.W.C. Paton**, and J.S. MacIvor. 1982. Second state record of a Great Blue Heron. *'Elepaio* 42:61-62.

- 6 Griffin, C.R. and **P.W.C. Paton**. 1983. Successful reconstruction of an active Hawaiian Hawk nest. *Wildlife Society Bulletin* 10:378-379.
- 7 **Paton, P.W.C.**, C.R. Griffin, and L.H. MacIvor. 1983. Rose-ringed Parakeet nesting in Hawaii: a potential agriculture threat. *'Elepaio* 43:37-40.
- 8 **Paton, P.W.C.** and L.H. MacIvor. 1983. Green Heron in Hawaii. *American Birds*. 37:232-233.
- 9 **Paton, P.W.C.**, A. Taylor, and P.A. Ashman. 1984. Blue-winged Teal nesting in Hawaii. *Condor* 86:219.
- 10 **Paton, P.W.C.** and J.M. Scott. 1985. Waterbirds of Hawaii Island. *'Elepaio* 45:69-76.
- 11 **Paton, P.W.C.** 1985. Feeding habits and movement patterns of Cattle Egrets in Hawaii. M.S. Thesis, Colorado State University, Fort Collins, Colorado.
- 12 **Paton, P.W.C.**, D.P. Fellows, and P.Q. Tomich. 1986. Distribution of Cattle Egret roosts in Hawaii with notes on problems egrets pose to airports. *'Elepaio* 46:143-147.
- 13 **Paton, P.W.C.**, J.M. Scott, and T.A. Burr. 1986. American Coot and Black-necked Stilt on the island of Hawaii. *Western Birds* 16:175-181.
- 14 **Paton, P.W.C.** and L. Pank. 1986. A technique to mark incubating birds. *Journal of Field Ornithology* 57:232-233.
- 15 **Paton, P.W.C.**, C.J. Ralph, H.R. Carter, and S.K. Nelson. 1990. Surveying Marbled Murrelets at inland forested sites: A guide. U.S. Forest Service General Technical Report PSW-120. Berkeley, California
- 16 **Paton, P.W.C.** and T.C. Edwards, Jr. 1990. Status and nesting ecology of the Snowy Plover at Great Salt Lake--1990. *Utah Birds* 6:49-66.
- 17 **Paton, P.W.C.** and C.J. Ralph. 1991. Distribution of the Marbled Murrelet at inland sites in California. *Northwestern Naturalist* 71:72-84.
- 18 **Paton, P.W.C.**, C.J. Zabel, D.L. Neal, G.N. Steger, N.G. Tilghman, and B.R. Noon. 1991. Effects of radio tags on Spotted Owls. *Journal of Wildlife Management* 55:617-622.
- 19 **Paton, P.W.C.**, C.J. Ralph, and J. Seay. 1992. A mist net design for capturing Marbled Murrelets. *North American Bird Bander* 16:123-126.
- 20 **Paton, P.W.C.**, C. Kneedy, and E. Sorensen. 1992. Chronology of shorebird and ibis use of selected marshes at Great Salt Lake. *Utah Birds* 8:1-19.
- 21 **Paton, P.W.C.** and C. Kneedy. 1993. Great Blue Herons and Double-crested Cormorants nesting on transmission towers. *Utah Birds* 9:33-38.
- 22 **Paton, P.W.C.**, F. Messina, and C.R. Griffin. 1994. A phylogenetic approach to reversed size dimorphism in diurnal raptors. *Oikos* 71:492-498.
- 23 **Paton, P.W.C.** 1994. Survival estimates for Snowy Plovers breeding at Great Salt Lake, Utah. *Condor* 96:1106-1109.
- 24 **Paton, P.W.C.** 1994. Statistical independence: reply to Gates. *Conservation Biology* 8:620.
- 25 **Paton, P.W.C.** 1994. The effect of edge on avian nest success: how strong is the evidence? *Conservation Biology* 8:17-26.
- 26 **Paton, P.W.C.** and J. Dalton. 1994. Breeding ecology of Long-billed Curlews at Great Salt Lake, Utah. *Great Basin Naturalist* 54:79-85
- 27 **Paton, P.W.C.** 1994. Breeding ecology of Snowy Plovers at Great Salt Lake, Utah. Ph.D. dissertation, Utah State University, Logan, Utah. 120pp
- 28 **Paton, P.W.C.** and S. Fellows. 1995. Swallow use of wetlands at Great Salt Lake. *Utah Birds*. 10:49-57.

- 29 **Paton, P.W.C.** 1995. The effect of edge on avian nest success: how strong is the evidence? Pages 104-113 in D. Ehrenfeld (ed). *Readings from Conservation Biology: The Landscape Perspective*. Blackwell Science, Cambridge, Mass.
- 30 Page, G.W., J.C. Warriner, J.S. Warriner, **P.W.C. Paton**. 1995. Snowy Plover in *The Birds of North America*, No. 154 (A. Poole and F. Gill, eds). Philadelphia: the Academy of Natural Sciences; Washington, DC: The American Ornithologists' Union.
- 31 **Paton, P.W.C.** 1995. Breeding biology of Snowy Plovers at Great Salt Lake, Utah. *Wilson Bulletin* 107:275-288.
- 32 Page, G.W., M.A. Stern, and **P.W.C. Paton**. 1995. Differences in wintering areas of Snowy Plovers from inland breeding sites in western North America. *Condor* 97:258-262.
- 33 **Paton, P.W.C.**, M.A. Stern, and V. Bachman. 1996. Impoundment drawdown and artificial nest structures as management strategies for Snowy Plovers in J. M. Reed, N. Warnock, and L. Oring (eds). *Conservation and management of shorebirds in the western Great Basin of North America. International Wader Studies* 9:64-70.
- 34 **Paton, P.W.C.** and T.A. Pogson. 1996. Relative abundance, migratory strategy, and habitat use of birds breeding in Denali National Park, Alaska. *Canadian Field-Naturalist* 110:599-606.
- 35 **Paton, P.W.C.** and T.C. Edwards, Jr. 1996. Effects of site quality and prior nest success on interyear movement patterns of Snowy Plovers. *Auk*. 113:534-543.
- 36 Sterling, J. and **P.W.C. Paton**. 1996. Breeding distribution of Vaux's Swift in California. *Western Birds* 27:30-40.
- 37 Griffin, C. R., **P.W.C. Paton**, and T.S. Baskett. 1998. Breeding ecology and behavior of the Hawaiian Hawk. *Condor* 100:654-662.
- 38 **Paton, P.W.C.**, S. Stevens, and L. Longo. 2000. Seasonal phenology of amphibian breeding and recruitment at a pond in Rhode Island. *Northeastern Naturalist* 7:255-269.
- 39 Crouch, W. B. and **P.W.C. Paton**. 2000. Using egg mass counts to monitor wood frog populations. *Wildlife Society Bulletin* 28:895-901.
- 40 DiQuinzio, D., **P.W.C. Paton**, and W. R. Eddleman. 2001. Site fidelity, philopatry, and survival of promiscuous Saltmarsh Sharp-tailed Sparrows in Rhode Island. *Auk* 118:888-899.
- 41 Crouch, W. and **P.W.C. Paton**. 2002. Assessing the use of call surveys to monitor breeding anurans in Rhode Island. *Journal of Herpetology* 36:185-192.
- 42 **Paton, P.W.C.** and W. Crouch. 2002. Using phenology of pond-breeding amphibians to develop conservation strategies. *Conservation Biology* 18:194-204.
- 43 DiQuinzio, D., **P.W.C. Paton**, and W. R. Eddleman. 2002. Nesting ecology of saltmarsh sharp-tailed sparrows in a tidally restricted salt marsh. *Wetlands* 22:179-185.
- 44 Egan, R. S., and **P.W.C. Paton**. 2004. Within-pond parameters affecting oviposition by wood frogs and spotted salamanders. *Wetlands* 24:1-13
- 45 **Paton, P.W.C.** 2005. A review of vertebrate community composition in seasonal forest pools of the northeastern United States. *Wetlands Ecology and Management* 13:235-246.
- 46 Brooks, R. T., and **P.W.C. Paton**. 2005. Introduction to the symposium: woodland vernal pools in northern temperate forests. *Wetlands Ecology and Management* 13:211-212.
- 47 **Paton, P.W.C.**, R.J. Harris, and C.L. Trocki. 2005. Distribution and abundance of breeding birds in Boston Harbor. *Northeastern Naturalist* 12:145-168.
- 48 Trocki, C.L., and **P.W.C. Paton**. 2006. Glossy ibis use of farmland in Rhode Island. *Northeastern Naturalist* 13:93-102.

- 49 Trocki, C.L. and **P.W.C. Paton**. 2006. Assessing habitat selection by foraging egrets in salt marshes at multiple spatial scales. *Wetlands* 26:307-312.
- 50 Montieth, K. and **P.W.C. Paton**. 2006. Emigration behavior of spotted salamanders on golf courses in southern Rhode Island. *Journal of Herpetology* 40:195-205.
- 51 Mitchell, J., **P.W.C. Paton**, and C.J. Raithel. In press. Linkages between vernal pools and reptiles, birds, and mammals. In A. Calhoun and P. deMaynadier. Seasonal Forest Pools: Conserving isolated wetland functions in northeastern North America. CRC Press.
- 52 Egan, R. S. and **P.W.C. Paton**. In press. Multiple scale habitat characteristics of pond-breeding amphibians across a rural-urban gradient. In Urban Herpetology. R.E. Jung and J.C. Mitchell (eds). Herpetological Conservation Vol. 3. Society for the Study of Reptiles and Amphibians, Salt Lake City, UT.
- 53 **Paton, P.W.C.**, C. McDonough-Haughey, and K. Montieth. In press. Migration ecology of spotted salamanders on golf courses in southern New England. In Urban Herpetology. R.E. Jung and J.C. Mitchell (eds). Herpetological Conservation Vol. 3. Society for the Study of Reptiles and Amphibians, Salt Lake City, UT.
- 54 McDonough-Haughey, C. and **P.W.C. Paton**. In press. Spotted salamander dispersal across a forested landscape fragmented by a golf course. *Journal of Wildlife Management*.

iv. Major Proceedings and Reports (34)

- 1 Fellows, D., **P.W.C. Paton**, L. Pank and P.Q. Tomich. 1987. Cattle Egret ecology, behavior, and control at General Lyman Field, Hilo Hawaii. Bird Damage Research Report 391. Denver Wildlife Research Center, APHIS/USDA. 13pp.
- 2 **Paton, P.W.C.** and C. J. Ralph. 1988. Geographic distribution of the Marbled Murrelet in California at inland sites during the 1988 breeding season. California Department of Fish and Game. Nongame Bird and Mammal Section, Sacramento. Job II.B.2. 39pp.
- 3 **Paton, P.W.C.** and T.C. Edwards. 1990. Nesting ecology of the snowy plover at Great Salt Lake, Utah--1990 breeding season. Annual Progress Report, Utah Division of Wildlife Resources, Salt Lake City, Utah. 32pp.
- 4 **Paton, P.W.C.**, C.J. Zabel, B. Bingham, H. Sakai, and C. Ogan. 1990. Examination of home range size and habitat use of the Spotted Owl in the Klamath Province: spring 1987-December 1989. Annual report, PSW Forest and Range Exp. State, Arcata, Calif, 15pp.
- 5 Ralph, C. J., S. L. Miller, N.L. Nasland, B. O'Donnell, **P.W.C. Paton**, J. Seay, and S.W. Singer. 1990. Marbled Murrelet research during 1989 in northern and central California: an interim report. California Department of Fish and Game. Nongame Bird and Mammal Section, Sacramento. Job II.B.2. 39pp.
- 6 **Paton, P.W.C.** and T.C. Edwards. 1991. Nesting ecology of the snowy plover at Great Salt Lake, Utah--1991 breeding season. Annual Progress Report, Utah Division of Wildlife Resources, Salt Lake City, Utah. 42pp.
- 7 **Paton, P.W.C.** and T.C. Edwards. 1992. Nesting ecology of the snowy plover at Great Salt Lake, Utah--1992 breeding season. Annual Progress Report, Utah Division of Wildlife Resources, Salt Lake City, Utah. 36pp.
- 8 **Paton, P.W.C.** and T.C. Edwards. 1993. Chronology of shorebird use of Great Salt Lake--raw data. Annual Progress Report, Utah Division of Wildlife Resources, Salt Lake City, Utah. 45pp.

- 9 **Paton, P.W.C.**, T.H. Pogson, and E. Rexstad. 1994. Development of monitoring protocols for landbirds in national parks in Alaska. Annual Report. Alaska Science Center, National Biological Service, Anchorage, Alaska. 87pp.
- 10 **Paton, P.W.C.**, and T.H. Pogson. 1995. Development of monitoring protocols for landbirds in national parks in Alaska. Annual Annual Report. Alaska Science Center, National Biological Service, Anchorage, Alaska. 69pp.
- 11 LaGory, K. E., G. P. Juday, **P.W.C. Paton**, R. A. Ott, A.M. Wildman, and J.K. Sarles. 1996. Biodiversity survey of Clear Air Station, Alaska. Final Report. Environmental Assessment Division, Argonne National Laboratory, Argonne, IL. 72pp.
- 12 **Paton, P.W.C.** and G. Albanese. 1996. Monitoring the migration of Northern Saw-whet Owls in southern Rhode Island: Fall 1996. Annual Report. Audubon Society of Rhode Island, 12 Sanderson Road, Smithfield, RI 02917. 9pp.
- 13 **Paton, P.W.C.** and G. Albanese. 1996. Monitoring fall migration of Northern Saw-whet Owls at Ninigret National Wildlife Refuge. Annual Report. U.S. Fish and Wildlife Service, Ninigret National Wildlife Complex, PO Box 307, Charlestown, RI 02813. 4pp.
- 14 **Paton, P.W.C.** 1996. Development of monitoring protocols for landbirds in national parks in Alaska. Annual Annual Report. Alaska Science Center, Biological Research Service, 1011 E. Tudor Rd., Anchorage, Alaska. 45pp.
- 15 **Paton, P.W.C.**, A. Forbes, G. Albanese, and R. Flores. 1996. Monitoring avian productivity and survivorship, Ninigret National Wildlife Refuge. Annual Report, U.S. Fish and Wildlife Service, Region 5, Charlestown, Rhode Island. 10pp.
- 16 **Paton, P.W.C.** and S. Springer. 1997. Development of monitoring protocols for landbirds in national parks in Alaska. Annual Annual Report. Alaska Science Center, Biological Research Service, 1011 E. Tudor Rd., Anchorage, Alaska. 28pp.
- 17 Deegan, B., **P.W. C. Paton**, N. Poirier, and R. Flores. 1997. Monitoring avian productivity and survivorship, Ninigret National Wildlife Refuge. Annual Report, U.S. Fish and Wildlife Service, Region 5, Charlestown, Rhode Island. 14pp.
- 18 **Paton, P.W.C.** 1998. Can golf courses be designed to enhance amphibian movements to breeding sites? Annual report, U.S. Golf Association Green Section Research Office, Stillwater, Oklahoma. 17 pp.
- 19 Stevens, S., **P.W.C. Paton**, and R. Flores. 1998. Monitoring avian productivity and survivorship, Ninigret National Wildlife Refuge. Annual Report, U.S. Fish and Wildlife Service, Region 5, Charlestown, Rhode Island. 12pp.
- 20 **Paton, P.W.C.**, A. Deegan, B. Harrington, and D. Speicher. 1998. Monitoring the migration of Northern Saw-whet Owls in southern Rhode Island: Fall 1997. Annual Report. U.S. Fish and Wildlife Service, Region 5, Charlestown, Rhode Island. 12pp.
- 21 **Paton, P.W.C.** 1998. Macrofauna community structure on three beaches in southern Rhode Island. Annual Report, U.S. Fish and Wildlife Service, Region 5, Charlestown, Rhode Island. 45pp.
- 22 **Paton, P.W.C.** 1999. Can golf courses be designed to enhance amphibian movements to breeding sites? Annual Report, U.S. Golf Association Green Section Research Office, Stillwater, Oklahoma. 28 pp.
- 23 Stevens, S., **P.W.C. Paton**, and G. Andres. 1999. Monitoring avian productivity and survivorship, Ninigret National Wildlife Refuge. Annual Report, U.S. Fish and Wildlife Service, Region 5, Charlestown, Rhode Island. 12pp.

- 24 Myshrall, D. H A., F. C. Golet, **P. W. C. Paton** and B. C. Tefft. 2000. Salt marsh restoration monitoring at the Galilee Bird Sanctuary, Narragansett, R.I. Final Report, RI Dept. of Environmental Management, Federal Aid in Wildlife Restoration, Rhode Island Avian Studies Jobs 17-19, 93 pages.
- 25 **Paton, P.W.C.**, D. DiQuinzio, and J. Osenkowski. 2000. Avian community dynamics in the saltmarshes of Narragansett Bay National Estuarine Research Reserve, with emphasis on the Saltmarsh Sharp-tailed Sparrow. Final Report, NOAA, Estuarine Reserve Section, Silver Springs, MD. 155 pp.
- 26 Myshrall, D. H A., F. C. Golet, **P. W. C. Paton** and B. C. Tefft. 2001. Salt marsh restoration monitoring at the Galilee Bird Sanctuary, Narragansett, R.I. Final Report, RI Dept. of Environmental Management, Federal Aid in Wildlife Restoration, Rhode Island Avian Studies Jobs 17-19, 93 pages.
- 27 **Paton, P. W. C.**, D. DiQuinzio, and J. Osenkowski. 2000. Avian community dynamics in the saltmarshes of Narragansett Bay National Estuarine Research Reserve, with emphasis on the Saltmarsh Sharp-tailed Sparrow. Final Report, NOAA, Estuarine Reserve Section, Silver Springs, MD. 155 pp.
- 28 **Paton, P.W.C.**, B. Timm, and T. A. Tupper. 2002. Monitoring pond-breeding amphibians: a protocol for the long-term coastal monitoring program. USGS Patuxent Wildlife Research Center, Coastal Research Field Station at the University of Rhode Island, Narragansett, RI, 113 pages.
- 29 **Paton, P.W.C.**, C. Nerone, J. Osenkowski, B. Timm, S. Mitra, G. Albanese, D. Linden, and K. Monteith. 2002. Surveys of the flora and fauna on Weekapaug Foundation for Conservation Lands. Weekapaug Foundation for Conservation, Weekapaug, RI., 70 pp.
- 30 **Paton, P.W.C.**, E. Walsh, and C. Nerone. 2003. An inventory of flora and fauna of WFC lands, with management recommendations. Final Report, Weekapaug Foundation for Conservation, Weekapaug, RI., 67 pages.
- 31 **Paton, P.W.C.**, E. Walsh, and C. Nerone. 2003. Biological inventories of Quonochontaug Beach: developing a management Plan for a barrier beach. Final Report to Nopes Island Conservation Association. Weekapaug, RI. 37 pages.
- 32 Montieth, K.E. and **P.W.C. Paton**. 2003. Terrestrial habitat use by pond-breeding amphibians on golf courses in southern New England: Emigration behavior of radio-implanted spotted salamanders on golf courses in southern Rhode Island. U.S. Golf Association Annual Report, Stillwater, Oklahoma, 40 pages.
- 33 Trocki, C.L. and **P.W.C. Paton**. 2005. Avian Surveys of Northeast Temperate Network Parks. Technical Report NPS/NER/NRTR--2005/004. 258 pp.
- 34 Trocki, C.L. and **P.W.C. Paton**. 2005. Grassland bird use at Saratoga National Park. National Park Service Technical Report. *In press*, Saratoga, NY.

Websites (2):

www.uri.edu/cels/nrs/paton: Lists ecological characteristics of amphibians of Rhode Island
http://science.nature.nps.gov/im/monitor/protocols/caco_amphibians.pdf;
 Monitoring pond-breeding amphibians: a protocol for the long-term coastal monitoring program

A. Published abstracts of Papers Presented at meetings (2):

- 1 **Paton, P.W.C.** 1996. Using point counts to monitor Neotropical migratory birds in Denali National Park, Alaska. *Suppl. Ecol. Soc. Am. Bull.* 77:343.
- 2 **Paton, P.W.C.** 1999. Developing methods to enhance amphibian diversity on golf courses: effects of golf course construction on amphibian movements and population size. *U.S. Golf Association Turfgrass and Environmental Research Summary*. Stillwater, Oklahoma. 1998:65.

List of Presentations at Professional Meetings (79):

- 1 **Paton, P.W.C.** 1985. Cattle egrets as an airstrike hazard at an airport in Hawaii. Oral presentation at the *Annual Cooper Ornithological Society Conference*. Arcata, CA.
- 2 **Paton, P.W.C.** and C. J. Ralph. 1986. Which birds prefer old-growth Douglas-fir? Oral presentation at the *Annual Cooper Ornithological Society Conference*, Sacramento, CA.
- 3 **Paton, P.W.C.** and C.J. Ralph. 1987. Marbled Murrelet use of an inland site in northwestern California. Oral presentation at the *Annual Pacific Seabird Group Conference*, Pacific Grove, CA.
- 4 **Paton, P.W.C.** and N. Tilghman. 1988. Home range size and habitat use patterns of Spotted Owls in northwestern California. **Invited seminar**, *U.S. Forest Service Spotted Owl researcher's annual meeting*, Berkeley, CA.
- 5 **Paton, P.W.C.** and C.J. Ralph. 1988. A census method for Marbled Murrelets at inland sites. Oral presentation at the *Pacific Seabird Group Marbled Murrelet technical committee meeting*. Portland, OR.
- 6 Ralph, C.J., **P.W.C. Paton**, and Gary Strachen. 1988. Geographic distribution of the Marbled Murrelet in the forests of the redwood region of California and southern Oregon during 1988. Oral presentation at the *Pacific Seabird Group Conference*. Portland, OR.
- 7 Ralph, C.J., **P.W.C. Paton**, A. Zakis, and G. Strachen. 1988. Survey of the Marbled Murrelet (*Brachyramphus marmoratus*) in the redwood region of California during 1988. Oral presentation at the *Third Biennial Conference on Research in California's National Park*. Davis, CA.
- 8 Ralph, C.J., **P.W.C. Paton**, and G. Strachen. 1988. Abundance, distribution, and habitat association of the Marbled Murrelet in the forests of the redwood region of California and southern Oregon during 1988. Oral presentation at the joint *Colonial Waterbird Society and Pacific Seabird Group meeting*. Chevy Chase, MD.
- 9 **Paton, P.W.C.** 1989. Which species are dependent on old-growth forests? **Invited seminar**, *Humboldt State University*, Arcata, CA.
- 10 **Paton, P.W.C.** and C. Zabel. 1989. Home range size and habitat-use patterns of Spotted Owls in northwestern California. **Invited seminar** to the *Interagency Spotted Owl Working Group*, Portland, OR.
- 11 Ralph, C.J., **P.W.C. Paton**, and C. A. Taylor. 1989. Habitat association patterns of several species of small mammals and breeding birds in Douglas-fir stands in northwestern California and southwestern Oregon. Oral presentation at a *U.S. Forest Service sponsored symposium*, "Old-growth Douglas-fir Forests: Wildlife Communities and Habitat Relationships." Portland, OR.
- 12 **Paton, P.W.C.** and C.J. Ralph. 1989. Geographic distribution of the Marbled Murrelet in California at inland sites. Poster presented at the *U.S. Forest Service sponsored*

- symposium*, “Old-growth Douglas-fir Forests: Wildlife Communities and Habitat Relationships.” Portland, OR .
- 13 **Paton, P.W.C.** 1989. Habitat association patterns of the Marbled Murrelet in northwestern California. **Invited seminar**, *U.S. Forest Service Region 5 Biologist's Annual Meeting*. Sacramento, CA.
 - 14 **Paton, P.W.C.** and N. Tilghman. 1989. Home range size variation in Spotted Owls. Oral presentation at the annual meeting of the *Western Section of the Wildlife Society*. Redding, CA.
 - 15 **Paton, P.W.C.** and C.J. Ralph. 1990. Habitat association patterns of Marbled Murrelets in northwestern California. Oral presentation at the *Annual Pacific Seabird Group Conference*, Victoria, BC.
 - 16 **Paton, P.W.C.**, J. Seay, and C.J. Ralph. 1990. A mist-nest design for capturing Marbled Murrelets at inland sites. Poster presented at the *Annual Pacific Seabird Group (PSG) Conference*, Victoria, B.C.
 - 17 **Paton, P.W.C.** 1992. Breeding ecology of Snowy Plovers in northern Utah. Oral presentation at the *Annual Cooper Ornithological Society Conference*, Seattle, WA.
 - 18 **Paton, P.W.C.** 1993. Do edge effects exist? Oral presentation at the *Annual Cooper Ornithological Society Conference*, Sacramento, CA. (**won award for Best Student paper for the Conference**).
 - 19 **Paton, P.W.C.** and T.C. Edwards. 1993. Breeding biology of Snowy Plovers at Great Salt Lake. Oral presentation at the annual meeting of the *Utah Wildlife Society*, St. George, UT.
 - 20 **Paton, P.W.C.**, M.A. Stern, and V. Bachman. 1994. Drawdowns, artificial nest structures, and nest exclosures as management strategies for Snowy Plovers. **Invited seminar** at a workshop on management techniques for shorebirds in the western Great Basin. *Univ. Nevada-Reno*, December.
 - 21 **Paton, P.W.C.** 1994. Breeding ecology of Snowy Plovers at Great Salt Lake. **Invited seminar** presented at *Southeast Missouri State Univ.*, Cape Girardeau, Missouri. December.
 - 22 **Paton, P.W.C.** 1994. Monitoring population trends of landbirds in Denali National Park. Oral presentation at annual *Boreal Partners in Flight meeting*. Anchorage, AK.
 - 23 **Paton, P.W.C.** 1995. Developing monitoring protocols for landbirds in Denali National Park. **Invited seminar** presented to the *National Biological Service Biologist's Meeting*, Denali National Park, AK.
 - 24 **Paton, P.W.C.** 1995. Breeding ecology of Snowy Plovers at Great Salt Lake. **Invited seminar** presented at *University of Rhode Island*, Kingston, Rhode Island, June.
 - 25 **Paton, P.W.C.** 1995. Breeding ecology of Snowy Plovers at Great Salt Lake. **Invited seminar** presented at *Clemson University*, Clemson, South Carolina. January.
 - 26 **Paton, P.W.C.** 1996. Using point counts to monitor neotropical migrants in Denali National Park, Alaska. Poster presented at *Ecological Society of America, Annual conference*, Providence, RI.
 - 27 **Paton, P.W.C.** 1996. Effects of the North Cape barge oil spill on birds. Oral presentation at the *New England Estuarine Research Society*, Block Island, RI.
 - 28 **Paton, P.W.C.** 1996. Using point counts to monitor landbirds in Denali National Park. **Invited speaker** to the *6th Annual Alaska Bird conference*, Fairbanks, AK.

- 29 **Paton, P.W.C.** 1996. Effects of the North Cape barge oil spill on the distribution of birds in coastal Rhode Island. Oral presentation at the *Wilson Ornithological Society 77th Annual Conference*, Cape May, NJ.
- 30 Crouch, W. and **P.W.C. Paton.** 1997. Abundance and migratory chronology of amphibians at two ephemeral ponds in Washington County, Rhode Island. Poster presentation at *Vernal Pool Conference*, New Haven, CT.
- 31 **Paton, P.W.C.** 1997. The effect of edge on avian nest success. **Invited seminar.** Biology Department, *Connecticut College*.
- 32 Myshrall, D. H. A., F. C. Golet, **P.W.C. Paton,** and B. C. Tefft. 1997. Salt marsh restoration monitoring at the Galilee Bird Sanctuary, Narragansett, RI. Poster presented at the *National Estuarine Research Federation* meetings. Providence, Rhode Island.
- 33 **Paton, P.W.C.** 1997. Effects of the *North Cape* oil spill on birds wintering in southern Rhode Island. Oral presentation at the *National Estuarine Research Federation* meetings. Providence, Rhode Island.
- 34 **Paton, P.W.C.** 1997. Edge effects: is the evidence any stronger? **Invited seminar** presented at the *4th Annual National Wildlife Society Conference*, Snowmass, Colorado.
- 35 **Paton, P.W.C.** 1998. Monitoring the fall migration of northern saw-whet owls in Rhode Island. Poster presentation. *The Wildlife Society 5th Annual National Conference*. Buffalo, NY.
- 36 DiQuinzio, D. A., **P.W.C. Paton,** and W. B. Eddleman. 1998. Breeding ecology of the Saltmarsh Sharp-tailed Sparrow in a restored marsh in southern Rhode Island. Oral presentation at the *The Wildlife Society 5th Annual National Conference*. Buffalo, NY.
- 37 Crouch, W. B., and **P.W.C. Paton.** 1998. Verification of the North American Amphibian Monitoring Program's (NAAMP) calling anuran surveys (CAS). Oral presentation at the *The Wildlife Society 5th Annual National Conference*. Buffalo, NY. September.
- 38 **Paton, P.W.C.** 1998. Monitoring the fall migration of Saw-whet Owls in Rhode Island. Poster presentation at the *North American Ornithological Conference*, St. Louis, MO.
- 39 **Paton, P.W.C.** 1998. Current distribution and abundance of Snowy Plovers at Great Salt Lake, Utah. *North American Ornithological Conference*, St. Louis, MO.
- 40 **Paton, P.W.C.** 1998. Ecology of amphibians breeding in ephemeral ponds in southern New England. Invited lecture. *Brown University*, Providence, RI.
- 41 Golet, F. C., D. H. A. Myshrall, **P.W.C. Paton,** S. Feeley, and B.C. Tefft. 1998. Salt marsh restoration monitoring at the Galilee Bird Sanctuary, Narragansett, Rhode Island. Poster presentation at the *Annual Rhode Island Natural History Survey Conference*.
- 42 Kraus, D. L. and **P.W.C. Paton.** 1998. Long-term population trends of birds captured at the Kingston Wildlife Research Station. Poster presentation at the *Annual Rhode Island Natural History Survey Conference*.
- 43 DiQuinzio, D.A. and **P.W.C. Paton.** 1998. Breeding ecology of the Saltmarsh Sharp-tailed Sparrow at the Galilee Bird Sanctuary. Oral presentation at the *Annual Rhode Island Natural History Survey Conference*.
- 44 Crouch, W. and **P.W.C. Paton.** 1998. Abundance and migratory chronology of amphibians at ephemeral ponds in southern Rhode Island. Oral presentation at the *Annual Rhode Island Natural History Survey Conference*.
- 45 **Paton, P.W.C.** 1999. Ongoing avian research at the University of Rhode Island. Keynote talk, Oral presentation at the *Audubon Society of Rhode Island Birder's Weekend*, Block Island, Rhode Island.

- 46 **Paton, P.W. C.**, F. C. Golet, D.H.A. Myshrall and W.R. Eddleman. 1999. Avian community structure in a tidally restricted coastal wetland prior to salt marsh restoration. Oral Presentation at the *117th Annual American Ornithologists' Union Conference*, Ithaca, NY.
- 47 Crouch, W. B., and **P.W.C. Paton**. 1999. Seasonal movement chronology and reproductive success of pond breeding amphibians in Washington County, R.I. Oral presentation at the *55th Annual Northeast Fish and Wildlife Conference*. Manchester, NH.
- 48 **Paton, P.W.C.** 1999. Amphibian movements across a fragmented landscape in southern Rhode Island. *55th Annual Northeast Fish and Wildlife Conference*. Manchester, NH. **(Co-organized this symposium and was session chair)**.
- 49 **Paton, P.W.C.** 1999. 40 years of bird banding at Kingston Wildlife Research Station. **Invited Seminar**. Oral presentation at the *Audubon Society of Rhode Island Annual Birder's Conference*, East Greenwich, RI.
- 50 Crouch, W.B. and **P.W.C. Paton**. 1999. Natural History of vernal pool amphibians. Oral presentation. *Audubon Society of Rhode Island Annual Birder's Conference*. East Greenwich, RI.
- 51 Stevens, S., L. Longo, and **P.W.C. Paton**. 1999. Amphibian movement patterns at Trustom National Wildlife Refuge, Rhode Island. Poster Presentation. *Rhode Island Natural History Survey Annual Conference*. Rhode Island Community College. March.
- 52 **Paton, P.W.C.** 2000. Can golf courses be managed to enhance amphibian population? **Invited seminar**. Oral presentation at the *Annual Wildlife Links Conference* sponsored by US Golf Association and National Fish and Wildlife Foundation, Washington DC.
- 53 **Paton, P.W.C.** 2000. Movement chronology and population size of pond-breeding amphibians in Rhode Island. Oral presentation. *Vernal pools of the Northeast Conference sponsored by Environmental Protection Agency*, Univ. of Rhode Island, Kingston, RI. **(Co-organized this symposium)**
- 54 **Paton, P. W. C.** 2001. Assessing the impact of anthropogenic landscapes on wildlife in Road Island. **Invited seminar**, oral presentation at the Univ. of Maine-Orono.
- 55 Egan, R.S. and **P.W.C. Paton**. 2002. Landscape-level factors influencing the breeding effort of wood frogs (*Rana sylvatica*) and spotted salamanders (*Ambystoma maculatum*) in Rhode Island. Oral presentation at the *Rhode Island Natural History Survey Annual Conference*, Warwick, RI.
- 56 Osenkowski, J.E. and **P.W.C. Paton**. 2002. Monitoring population trends of migrant passerines: Kingston Wildlife Research Station from 1960-2001. Oral presentation *Rhode Island Natural History Survey Annual Conference*, Warwick, RI.
- 57 **Paton, P.W.C.** 2002. Effects of landscape structure on pond-breeding amphibians. **Invited seminar** at *Harvard Forest Seminar Series*, Petersham, MA.
- 58 **Paton, P.W.C.**, and R.S. Egan. 2002. Within-pond parameters affecting oviposition by wood frogs and spotted salamander. Oral presentation at the *Rhode Island Natural History Survey Annual Conference*, Warwick, RI.
- 59 **Paton, P.W.C.** 2002. Understanding the Boston Harbor Islands: avifauna. **Invited seminar**, Oral presentation at the *Boston Harbor Islands Biodiversity Seminar*, Boston, MA.
- 60 Trocki, C.L. and **P.W.C. Paton**. 2002. Patterns of salt marsh use by wading birds in southern Rhode Island. Oral presentation at the *Rhode Island Natural History Survey Annual Conference*, Warwick, RI.

- 61 Trocki, C.L. and **P.W.C. Paton**. 2002. Patterns of salt marsh use by wading birds in Rhode Island. Oral presentation at the *3rd North American Ornithological Conference*, New Orleans, LA.
- 62 **Paton, P.W.C.**, F.C. Golet, and D.H.A. Myshrall. 2002. Changes in avian community structure in a tidally restricted coastal wetland following salt marsh restoration. Poster presentation at the *3rd North American Ornithological Conference*, New Orleans, LA.
- 63 Osenkowski, J.E., and **P.W.C. Paton**. 2002. Using long-term bird banding data to estimate population trends of migrant landbirds. Poster presentation at the *3rd North American Ornithological Conference*, New Orleans, LA.
- 64 **Paton, P.W.C.** 2002. Monitoring pond-breeding amphibians. **Invited seminar**. Oral presentation at *Symposium on Long-term Ecosystem Monitoring at Cape Cod National Seashore*, Eastham, MA.
- 65 Egan, R.S. and **P.W.C. Paton**. 2003. Within-pond parameters affecting oviposition by wood frogs and spotted salamanders. Oral presentation at the *10th Annual National conference of The Wildlife Society*, Burlington, VT.
- 66 **Paton, P.W.C.** 2003. A synthesis of vertebrate community structure in palustrine wetlands in New England. Oral presentation at the *10th Annual National conference of The Wildlife Society*, Burlington, VT. **(I co-organized this symposium and chaired session)**
- 67 Trocki, C.L. and **P.W.C. Paton**. 2003. Patterns of salt marsh habitat use by foraging egrets in southern Rhode Island. Oral presentation, *10th Annual National conference of The Wildlife Society*, Burlington, VT.
- 68 Montieth, K.E., and **P.W.C. Paton**. 2003. A comparison of three techniques to assess terrestrial habitat use by pond-breeding amphibians. Oral presentation at the *59th Annual Northeast Fish and Wildlife Conference*. Newport, RI.
- 69 Osenkowski, J.E. and **P.W.C. Paton**. 2003. Breeding behavior of **Rana sylvatica** during drought conditions. Oral presentation at the *59th Annual Northeast Fish and Wildlife Conference*. Newport, RI.
- 70 Trocki, C.L., and **P.W.C. Paton**. 2003. Seasonal variation of salt marsh use by wading birds in southern Rhode Island. Oral presentation at the *59th Annual Northeast Fish and Wildlife Conference*. Newport, RI.
- 71 **Paton, P.W.C.** 2003. Effects of landscape structure on pond-breeding amphibians across a rural-urban gradient. Oral presentation at the *3rd International Wildlife Management Congress*, Christchurch, New Zealand.
- 72 Raithel, C.J. and **Paton, P.W.C.** 2004. Green frog tadpole influence on population structure in pond-breeding amphibians. Oral presentation at the *9th Annual Rhode Island Natural History Survey Conference*, Pawtucket, RI.
- 73 **Paton, P.W.C.** 2004. Terrestrial habitat use by pond-breeding amphibians on golf courses in southern New England. **Invited seminar**. Oral presentation at the *Annual Researchers Meeting*, US Golf Association, Atlanta, GA.
- 74 **Paton, P.W.C.** 2005. Vertebrate use of forests in Rhode Island. Oral presentation at the *Rhode Island Natural History Survey Annual Conference*, Rhodes-on-the-Pawtuxet, RI.
- 75 Jiang, Y., S. Swallow, and **P.W.C. Paton**. 2005. Selecting a land conservation reserve for local or regional ecosystem health with development: Amphibian metapopulation and residential development. Oral presentation at the *American Agricultural Economics Association Annual Meeting*, Providence, RI.

- 76 **Paton, P.W.C.**, R.S. Egan, and T. Tyrell. 2005. Multi-scale habitat characteristics of pond-breeding amphibians across a rural-urban gradient. Oral presentation at the *Joint Meeting of Ichthyologists and Herpetologists*, Tampa, FL.
- 77 McDonough-Haughey, C., and **P.W.C. Paton**. 2005. Dispersal ecology of radio-tagged spotted salamanders on a golf course. Oral presentation at the *Joint Meeting of Ichthyologists and Herpetologists*, Tampa, FL.
- 78 Bauer, D.M., Y. Jiang, S.K. Swallow, **P.W.C. Paton**, and D. Skidds. 2005. Applying economic and ecological principles to identify conservation reserves for vernal pools with residential development. Oral presentation at the *US EPA Workshop, Valuation of ecological benefits: improving the science behind policy decisions*, Washington, D.C.
- 79 **Paton, P.W.C.** and J.E. Osenkowski. 2005. A 33-year study of avian population trends at two coastal stopover sites in Rhode Island. Oral presentation at the *75th Annual Meeting Cooper Ornithological Society*, Arcata, CA.

Papers presented by my graduate students as sole author (7):

- 1 Studds, C. 2001. Landscape composition modulates the effects of forest fragmentation on Ovenbird reproductive success. Oral presentation, *Annual Ecological Society of America conference*, Madison, WI.
- 2 Studds, C. 2001. Landscape composition modulates the effects of forest fragmentation: variable consequences for breeding Ovenbirds. Oral Presentation, *Annual American Ornithologists' Union Conference*, Seattle, WA; August 2001 (**won award for best student presentation at the conference and student travel award**).
- 3 Egan, R. S. 2001. Characteristics of amphibian breeding habitat and the adjacent landscape: effects on two sympatric aquatic-breeding species, *Rana sylvatica* and *Ambystoma maculatum*. Oral presentation, *Conference on Vernal Pool Protection Strategies in Northern New England*, Auburn, NH.
- 4 Egan, R. S. 2002. Characteristics of amphibian breeding habitat and the adjacent landscape: effects on two sympatric aquatic-breeding species, *Rana sylvatica* and *Ambystoma maculatum*. Oral Presentation, *Society of Wetland Scientists, New England Chapter Regional Conference*, Worcester, MA.
- 5 Studds, C. 2002. Effects of landscape composition on breeding bird community structure. Oral presentation, *3rd North American Ornithological Conference*, New Orleans, LA.
- 6 Montieth, K. 2004. Emigration behavior of radio-implanted spotted salamanders on golf courses in southern Rhode Island. Oral presentation, *Northeast Biological Graduate Student Conference*, Orono, ME.
- 7 Montieth, K. 2004. Emigration behavior of radio-implanted spotted salamanders on golf courses in Rhode Island. Oral presentation, *9th Annual Rhode Island Natural History Survey Conference*, Pawtucket, RI.

D. Grant Activity (55 external funded grants since coming to URI, \$ 3,203,387)

i. Extramural Grants

1996 (5 grants):

- 1 RI DEM: Salt marsh restoration at Galilee Bird Sanctuary, RI. F. Golet, D. Myshrall, **P.W.C. Paton**, B. Tefft **\$186,884**
- 2 URI Foundation: Enhancing field skills of wildlife biology and environmental management undergraduates. **P.W.C. Paton \$3,000**
- 3 USDA CSRESS: Public values for rural, forest ecosystems: toward valid economic measures of amenity values. S. Swallow, P. August, and **P.W.C. Paton \$245,000**
- 4 NSF/EPA: Stated preference valuation using real money for real forested wetlands. S. Swallow and **P.W.C. Paton. \$165,081**
- 5 US Fish and Wildlife Service: Monitoring Avian Productivity and Survivorship Site Operations, Ninigret National Wildlife Refuge. **P.W.C. Paton. \$4,000**

1997 (7 grants):

- 6 USDA Fund for Rural America: Decision information and support structures to sustain farm, forest, and open space in rural communities of southern Rhode Island. S. Swallow, R. Johnston, and **P.W.C. Paton \$400,000**
- 7 US Fish and Wildlife Service: Monitoring Avian Productivity and Survivorship Site Operations, Ninigret National Wildlife Refuge. **P.W.C. Paton. \$4,000**
- 8 US Fish and Wildlife Service: Spatial and temporal distribution of invertebrates on beaches in southern Rhode Island. **P.W.C. Paton. \$9,400**
- 9 National Oceanic and Atmospheric Administration: Avian community dynamics in the saltmarshes of Narragansett Bay Estuarine Research Reserve, with special emphasis on saltmarsh sharp-tailed sparrows. **P.W.C. Paton \$16,500**
- 10 URI Foundation: Advancing field skills for wildlife biology and environmental management undergraduates and graduate students. **P. Paton, \$1,800**
- 11 National Fish and Wildlife Foundation and American Birding Association: Abundance and distribution of Snowy Plovers at Great Salt Lake, Utah. **P.W.C. Paton \$14,000**
- 12 National Park Service: Monitoring landbirds in Denali National Park. **P.W.C. Paton \$5,500**

1998 (8 grants):

- 13 US Golf Association and National Fish and Wildlife Foundation: Developing methods to enhance amphibian diversity on golf courses. **P.W.C. Paton** and R. Casagrande. **\$24,948**
- 14 US Fish and Wildlife Service: Determining amphibian community structure at Ninigret National Wildlife Refuge. **P.W.C. Paton \$10,100**
- 15 National Oceanic and Atmospheric Administration: Avian community dynamics in the saltmarshes of Narragansett Bay Estuarine Research Reserve. **P.W.C. Paton \$16,500**
- 16 URI Foundation: Monitoring fall migration of Saw-whet Owls in Rhode Island, **P.W.C. Paton \$1,000**
- 17 US Fish and Wildlife Service: Monitoring Avian Productivity and Survivorship Site Operations, Ninigret National Wildlife Refuge. **P.W.C. Paton \$3,000**
- 18 RI DEM: Salt marsh restoration monitoring at Galilee Bird Sanctuary. F. Golet, D. Myshrall, and **P.W.C. Paton. \$270,193.**
- 19 NGO: Assessing avian flight patterns off of Point Judith, RI. **P.W.C. Paton \$4,814**
- 20 Audubon Society of Rhode Island: Long-term avian bird banding at Kingston Wildlife Research Station. **P.W.C. Paton** and S. McWilliams. **\$25,000**

1999 (8 grants):

- 21 US Golf Association and National Fish and Wildlife Foundation: Developing methods to enhance amphibian diversity on golf courses. **P.W.C. Paton** and R. Casagrande. **\$24,948**
- 22 US Fish and Wildlife Service: Evaluating the effects of grassland restoration on the avian community at Ninigret National Wildlife refuge. **P.W.C. Paton** **\$7,700**
- 23 US Fish and Wildlife Service: Monitoring Avian Productivity and Survivorship Site Operations, Ninigret National Wildlife Refuge. **P.W.C. Paton** **\$2,900**
- 24 National Oceanic and Atmospheric Administration: Avian community dynamics in the saltmarshes of Narragansett Bay Estuarine Research Reserve,, with special emphasis on saltmarsh sharp-tailed sparrows. **P.W.C. Paton** **\$16,500**
- 25 Federal Highway Administration: Effects of roads on amphibian community structure at seasonally-flooded ponds in Rhode Island. **P.W.C. Paton**, P. August, and C. Raithe. **\$49,770**
- 26 Environmental Protection Agency: Rhode Island Vernal Pool Protection Initiative: identification website and manual. **P.W.C. Paton**, **\$42,019**
- 27 Army Corps of Engineers: Shorebird surveys of Ninigret, Quononchontaug, and Weekapaug Ponds. **P.W.C. Paton** **\$5,433**
- 28 Audubon Society of Rhode Island: Long-term avian bird banding at Kingston Wildlife Research Station. **P.W.C. Paton** and S. McWilliams. **\$25,000**

2000 (5 grants):

- 29 US Golf Association and National Fish and Wildlife Foundation: Developing methods to enhance amphibian diversity on golf courses. **P.W.C. Paton** and R. Casagrande. **\$24,948**
- 30 US Fish and Wildlife Service: Monitoring Avian Productivity and Survivorship Site Operations, Ninigret National Wildlife Refuge. **P.W.C. Paton** **\$2,400**
- 31 National Park Service: Development of Protocols for Long-Term Amphibian Monitoring at Cape Cod National Seashore. **P.W.C. Paton** **\$50,000**
- 32 URI Foundation: Using digital video technology to enhance learning opportunities for wildlife biology students. **P.W.C. Paton** **\$3,600**
- 33 Audubon Society of Rhode Island: Long-term avian bird banding at Kingston Wildlife Research Station. **P.W.C. Paton** and S. McWilliams. **\$25,000**

2001 (5 grants):

- 34 National Park Service: Inventory of birds in eight national parks in the Northeast. **P.W.C. Paton** **\$50,000**
- 35 USDA/CSREES/NRI: Ecosystem-economics of rural landscapes and land use change. S. Swallow and **P.W.C. Paton**. **\$165,000**
- 36 US EPA Star Grant: Economics of conserving ecosystem integrity with residential development around vernal pools. S. Swallow and **P.W.C. Paton**, **\$200,000**
- 37 US National Park Service: Developing a monitoring protocol for amphibians at Cape Cod National Seashore. **P.W.C. Paton** **\$50,000**
- 38 Audubon Society of Rhode Island: Long-term avian bird banding at Kingston Wildlife Research Station. **P.W.C. Paton** and S. McWilliams. **\$25,000**

2002 (4 grants):

- 39 Weekapaug Foundation for Conservation. Inventorying flora and fauna on Weekapaug lands. **P.W.C. Paton** **\$50,000**

- 40 US EPA, Region 1: Refining the guidelines for protecting vernal pools: physical parameters of wetlands used by pond-breeding amphibians. **P.W.C. Paton \$6,700**
- 41 National Park Service: Inventory of birds in eight national parks in the Northeast. **P.W.C. Paton \$50,000**
- 42 Audubon Society of Rhode Island: Long-term avian bird banding at Kingston Wildlife Research Station. **P.W.C. Paton and S. McWilliams. \$25,000**

2003 (3 grants):

- 43 National Park Service: Developing management strategies for grassland birds at Saratoga National Park. **P.W.C. Paton \$25,000**
- 44 Audubon Society of Rhode Island: Long-term avian bird banding at Kingston Wildlife Research Station. **P.W.C. Paton and S. McWilliams. \$25,000**
- 45 U.S. Golf Association: Assessing upland habitat use patterns of pond-breeding amphibians on golf courses. **P.W.C. Paton. \$30,000**

2004 (5 grants):

- 46 Audubon Society of Rhode Island: Long-term avian bird banding at Kingston Wildlife Research Station. **P.W.C. Paton and S. McWilliams. \$25,000**
- 47 U.S. Golf Association: Assessing upland habitat use patterns of pond-breeding amphibians on golf courses. **P.W.C. Paton. \$30,000**
- 48 Mashantucket-Pequot Tribal Nation. Monitoring emigration behavior of spotted salamanders on Lake of Isles Golf Course. **P.W.C. Paton. \$60,000**
- 49 National Park Service: Certify bird species listing for avian inventory conducted at parks throughout the Northeast Temperate Network. **P.W.C. Paton \$2,820**
- 50 USDA NRI: Validating Best Forest Management Practices around Vernal Pools: Amphibian metapopulations, harvester adoption costs, and public values. S. Swallow, **P.W.C. Paton, C.M. Anderson, K.E. Schnier, and J. Opaluch. \$615,000.**

2005 (5 grants):

- 51 Audubon Society of Rhode Island: Long-term avian bird banding at Kingston Wildlife Research Station. **P.W.C. Paton and S. McWilliams. \$25,000**
- 52 US EPA, Developing rapid assessment techniques for amphibians in isolated wetlands in Rhode Island. **P.W.C. Paton. \$9,988**
- 53 NRCS. Identifying birds for NRCS restoration projects. **P.W.C. Paton. \$51,785**
- 54 National Park Service. Inventory of amphibians, reptiles and birds in Boston Harbor Island NPA. **P.W.C. Paton. \$24,205**
- 55 Army Corps of Engineers. Surveying birds in Narrow River. **P.W.C. Paton. \$6,800.**

ii. AES Projects -- Title, PI, Source and Project Number

Ecology of herpetofauna in vernal pools in Rhode Island. P.W.C. Paton, Hatch-313, 1997-2000
 Habitat requirement of pond-breeding amphibians in Rhode Island, P.W.C. Paton, Hatch H-319; 2001-2003

2001-2004: Associate Professor, Department of Natural Resources Science, University of Rhode Island; duties include research, teaching (Field Ornithology, Wetland Wildlife Management, Conservation Biology), and service.

PROFESSIONAL MEMBERSHIPS

American Ornithologists' Union

Cooper Ornithological Society

Wilson Ornithological Society

Association of Field Ornithologists

Sigma Xi

Society for the Study of Reptiles and Amphibians

The Wildlife Society

New England Estuarine Research Society

Society for Conservation Biology