

STEPHEN P. HALL, PH.D.

Current Work Address:

Self Employed
105 Braswell Place
Chapel Hill, NC 27516
(919) 942-8451
stephenphall@outlook.com

Work Experience:

2014-2016 Consulting Biologist
2011-2014 Landscape Ecologist, North Carolina Natural Heritage Program (NHP)
1990-2010 Invertebrate Zoologist, NHP
1994-1999 Environmental Review Coordinator, NC Division of Parks and Recreation
1990-1994 Database Manager/Information Request Specialist, NHP
1989-1990 Visiting Lecturer, Biology Department, University of North Carolina-Chapel Hill:
Animal Behavior, Human Anatomy and Physiology
1986-1989 Consulting Biologist, Natural Area Inventories, Triangle Land Conservancy/NHP
1978-1985 Caretaker, Mason Farm Biological Reserve, University of North Carolina
1971-1987 Teaching Assistant, Biology Department, University of North Carolina-
Chapel Hill: Animal Behavior, Animal Ecology, Comparative Anatomy,
Introductory Biology
1970 Laboratory Assistant, Invertebrate Zoology, Zoology Department, Pomona
College

Education:

PhD Degree, Biology, University of North Carolina-Chapel Hill, 1987
BA Degree, Zoology, Pomona College, Claremont, CA, 1971

Awards:

Thomas L. Quay Wildlife Diversity Award, 2016

Dissertation:

Hall, S.P. 1987. The movement patterns of free-ranging animals: new theory and methods of study illustrated by comparisons of the routes of travel associated with residency, transiency and experimental displacement in a population of eastern box turtles (*Terrapene c. carolina*). Doctoral Dissertation, Department of Biology, University of North Carolina – Chapel Hill.

Websites:

- Hall, S.P.; Sullivan, J.B.; Backstrom, P.; and T. Howard. 2014. Moths of North Carolina. NC Biodiversity Project.
- Hall, S.P. and Corey, E.. 2016. Orthoptera of North Carolina (in prep.). NC Biodiversity Project.

Landscape Analyses and Regional Conservation Assessments:

- Hall SP and Schafale MP. 1999. Conservation assessment of the Southeast Coastal Plain of North Carolina, using site-oriented and landscape-oriented analyses. Unpubl. Rep. to US Geological Survey. Raleigh, NC: NC Natural Heritage Program. 261 pp. Available online at: <http://www.ncnhp.org/Pages/publications.html>
- Hall SP 2004. Assessment of terrestrial habitat quality and landscape integrity in the Albemarle-Pamlico Estuarine Study Area, using a Habitat/Indicator-guild Analysis. Unpubl. Rep. to the Albemarle-Pamlico Estuarine Study Program. Raleigh, NC: NC Natural Heritage Program. 273 pp.
- Hall SP. 2008a. Statewide assessment of conservation priorities at the landscape level. Unpubl. Rep. to the NC Ecosystem Enhancement Program. Raleigh, NC: NC Natural Heritage Program. 660 pp.
- Hall SP. 2008b. Statewide assessment of conservation priorities at the landscape level: upland and interbasin habitats, Southern Coastal Plain Region. Unpubl. Rep. to US FHWA. Raleigh, NC: NC Natural Heritage Program. 132 pp.
- Hall SP. 2008c. Statewide assessment of conservation priorities at the landscape level: upland and interbasin habitats, Fall-line Sandhills Region. Unpubl. Rep. to US FHWA. Raleigh, NC: NC Natural Heritage Program. 92 pp.
- Hall SP. 2009a. Statewide assessment of conservation priorities at the landscape level: upland and interbasin habitats, Northern Coastal Plain Region. Unpubl. Rep. to US FHWA. Raleigh, NC: NC Natural Heritage Program. 87 pp.
- Hall SP. 2009b. Statewide assessment of conservation priorities at the landscape level: upland and interbasin habitats, Eastern Piedmont Region. Unpubl. Rep. to US FHWA. Raleigh, NC: NC Natural Heritage Program. 107 pp.
- Hall SP. 2009c. Statewide assessment of conservation priorities at the landscape level: upland and interbasin habitats, Western Piedmont Region. Unpubl. Rep. to US FHWA. Raleigh, NC: NC Natural Heritage Program. 71 pp.
- LeGrand, HE and SP Hall. 2014. A Natural Heritage Inventory of the Roanoke River Floodplain, North Carolina. NC Natural Heritage Program, Raleigh, NC.

North Carolina Natural Area Inventories:

- Sather, D. and Hall, S.P. 1987. Inventory of Natural Areas and Wildlife Habitats for Orange County, North Carolina. Rep. to NC Natural Heritage Program and Triangle Land Conservancy. North Carolina Natural Heritage Program, Division of Parks and Recreation; Raleigh, NC.
- Hall, S.P. and Boyer, M.W. 1992. Inventory of the natural areas and wildlife habitats of Chatham County, North Carolina. Rep. to NC Natural Heritage Program, Triangle Land Conservancy, and the County of Chatham. North Carolina Natural Heritage Program, Division of Parks and Recreation; Raleigh, NC.

- Alderman, J.M., A.L. Braswell, S.P. Hall, A.W. Kelly, and C. McGrath. 1993. Biological inventory: Swift Creek Subbasin. N.C. Natural Heritage Program, DPR; N.C. State Museum of Natural Sciences; and N.C. Wildlife Resources Commission, Raleigh, NC.
- Heiman, K., S. Hall, and H. LeGrand. 1993. Significant natural communities and rare plant and animal habitats of the Appalachian Trail Corridor in North Carolina and Tennessee. N.C. Natural Heritage Program, DPR, Raleigh, NC.
- Smith, I.K., H.E. LeGrand, S.P. Hall, Z.E. Murrell, C.W. Nordman, and M.P. Schafale. 1993. Regional inventory for critical natural areas, wetland ecosystems, and endangered species habitats of the Albemarle-Pamlico Estuarine Region: Phase 3. N.C. Natural Heritage Program, DPR for the E.P.A. Albemarle-Pamlico Study, Project No. 92-21.
- Fussell, J.O.; Webster, W.D.; Hall, S.P.; LeGrand, H.E.; Schafale, M.P.; and Russo, M.J. 1995. Ecosystem survey of Dare County Air Force Range, North Carolina. Rep. to N.C. Natural Heritage Program, Division of Parks and Recreation, Department of Environment and Natural Resources; Raleigh, NC.
- Hall, S.P. 1995. Inventory of the wildlife habitats, movement corridors, and rare animal populations of Durham County, North Carolina. N.C. Natural Heritage Program, Division of Parks and Recreation, Department of Environment, Health, and Natural Resources, Raleigh, NC.
- LeBlond, R.J.; Fussell, J.O.; Braswell, A.L.; Grant, G.S.; Hall, S.P.; and Sullivan, J.B. 1997. Inventory of the Rare Species, Natural Communities, and Critical Areas of Camp Lejeune Marine Corps Base, North Carolina. Phase III. NC Natural Heritage Program, Div. Parks and Recreation; Raleigh, NC; 1131 pp.

Status Surveys and Recovery Projects for the Saint Francis's Satyr:

- Hall, S.P. 1993. A rangewide status survey of Saint Francis's satyr *Neonympha mitchellii francisci* (Lepidoptera: Nymphalidae). Report to the US Fish and Wildlife Service, Region 6 Endangered Species Office; Asheville.
- Hall, S.P. and Hoffman, E. 1994. Supplement to the rangewide status survey of Saint Francis's satyr *Neonympha mitchellii francisci* (Lepidoptera: Nymphalidae); 1993 field season. Report to the US Fish and Wildlife Service, Region 6 Endangered Species Office; Asheville.
- Hall, S.P., Hoffman, E., and Murdock, N. 2001. Preliminary Recovery Project for the Saint Francis's satyr *Neonympha mitchellii francisci* (Lepidoptera: Nymphalidae). Report to the US Fish and Wildlife Service, Asheville Regional Office.
- Hall, S.P. 2003. Survey for the Saint Francis' satyr (*Neonympha mitchellii francisci*) and associated ecosystems at Fort Bragg exclusive of artillery impact areas. Report to the Fort Bragg Endangered Species Branch. Fort Bragg, NC
- Goldstein, P.G.; Hall, S.P.; Hart, B., Roble, S.M.; and Shuey, J. 2004. Evaluation of Relationships and Conservation Status within the *Neonympha mitchellii* Complex (Lepidoptera: Nymphalidae). Report to the US Fish and Wildlife Service, Raleigh Regional Office. Raleigh, NC
- Hall, S.P. and Haddad, N. 2005. Rearing studies of larval *Neonympha mitchellii francisci* and *N. areolata* I. Test of host plant preferences. Report to the Fort Bragg Endangered Species Branch. Fort Bragg, NC

- Hall, S.P. 2005. A quantitative analysis and classification of the habitats of *Neonympha mitchelli francisci* at Fort Bragg and Camp Mackall. Report to the Fort Bragg Endangered Species Branch. Fort Bragg, NC.
- Kuefler, D.; Haddad, N.M.; Hall, S.; Hudgens, B.; Bartel, B.; and Hoffman, E. 2008. Distribution, population structure and habitat use of the Endangered Saint Francis Satyr Butterfly, *Neonympha Mitchellii Francisci*. *American Midland Naturalist* 159:298–320.

Status Surveys for Other Lepidoptera:

- Hall, S.P.; Baker, W. H.; Gatrell, R.R.; Minno, M.C.; Schweitzer, D.F.; Sullivan, J.B.; Calhoun, J.V.; Minno, M.; Sloten, J.R. 1999. A Rangewide Status Survey of the Eastern Arogos Skipper *Atrytone a. arogos* (Lepidoptera: Hesperidae). Report to US Fish and Wildlife Service, Region 6 Endangered Species Field Office; Asheville, NC.
- Hall, S.P. and Sullivan, J.B. 2000. A rangewide status survey of the Venus flytrap moth *Hemipachnobia subporphyrea* (Lepidoptera: Noctuidae). Report to US Fish and Wildlife Service Report to US Fish and Wildlife Service, Region 6 Endangered Species Field Office; Asheville, NC.
- Hall, S.P. 2004. Status Survey for *Atrytonopsis* New Species 1 in North Carolina. Report to US Fish and Wildlife Service Raleigh Field Office; Raleigh, NC.
- Hall, S.P. and Sullivan, J.B. 2004. Status survey for *Hemipachnobia subporphyrea* based on larval presence and feeding sign; interim report on larval rearing and field studies. Report to US Fish and Wildlife Service Raleigh Field Office; Raleigh, NC.
- Hall, S.P. and Sullivan, J.B. 2006. Status survey for *Hemipachnobia subporphyrea* based on larval presence and feeding sign: Survey for new populations using feeding damage to *Dionaea muscipula*. Report to US Fish and Wildlife Service Raleigh Field Office; Raleigh, NC.
- Hall, S.P. 2016. Baseline Survey for the Venus Flytrap Cutworm Moth, Fort Bragg, North Carolina. Report to the Fort Bragg Endangered Species Branch. Fort Bragg, NC.

General Lepidopteran Surveys:

- Hall, S.P.; Schweitzer, D.F. 1993. A survey of the moths, butterflies, and grasshoppers of four Nature Conservancy preserves in Southeastern North Carolina. Report to the Nature Conservancy; Durham, NC; 174 p.
- Hall, S.P. 1994. A survey of the moths, butterflies, and grasshoppers of four mafic communities in the eastern Piedmont of North Carolina. Unpublished data on file; North Carolina Natural Heritage Program, Division of Parks and Recreation; Raleigh, NC.
- Hall, S.P. and Sullivan, J.B. 1997. A survey of the moths, butterflies, and grasshoppers of Holly Shelter Game Land, North Carolina. Unpublished data on file; North Carolina Natural Heritage Program, Division of Parks and Recreation; Raleigh, NC.
- Hall, S.P. 1999. Inventory of the moths and butterflies of the lower Roanoke River floodplain. Report to the North Carolina Natural Heritage Program, Division of Parks and Recreation; Raleigh, NC.
- Hall, S.P. 1999. Inventory of the moths, butterflies, and grasshoppers of Pettigrew, Goose Creek, and Jockey's Ridge State Park and Nag's Head Wood TNC Preserve. Report to the North Carolina Natural Heritage Program, Division of Parks and Recreation; Raleigh, NC.

Hall, S.P.; Sullivan, J.B.; and Schweitzer, D.F. 1999. Eradication of the Asian-strain of The Gypsy Moth from the Cape Fear Region of North Carolina: Assessment of Risk to Nontarget Macro-Lepidoptera. USDA Forest Service Technical Publication Series; Morgantown, WV. 95 p.

Hall, S.P. 2015. Moth Survey. In: Schwartzman, E.; LeGrand, H.E.; and Hall, S.P. Brushy Flats proposed management project: botanical and wildlife survey Nantahala National Forest, Cherokee County, North Carolina. Rep. to US Forest Service, Asheville Office.