

Exhibit Petitioner RBR-1

Rosalind Brent Renfrew

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EDUCATION

- PhD Wildlife Ecology. Department of Wildlife Ecology, University of Wisconsin - Madison. Dissertation: Effects of landscape and patch characteristics on the abundance, productivity, and nest predators of grassland passerines in Wisconsin pastures. May 2002. Advisor: Christine A. Ribic.
- MS Wildlife Ecology. Department of Wildlife Ecology, University of Wisconsin - Madison. Thesis: The influence of agricultural land use and physiography on grassland birds in the Wisconsin Driftless Area. July 1999. Advisor: Christine A. Ribic.
- BSc University of Vermont, Burlington, Vermont. Bachelor of Science in Wildlife Biology, May, 1989.

EXPERIENCE

Conservation Biologist and Co-founder. Oct. 2007 – present. Vermont Center for Ecostudies. Director of the Vermont Breeding Bird Atlas. Includes project development, outreach, database and website management, and production of atlas publication. Conduct research on Bobolink winter ecology in South America assessing diet, population connectivity, habitat use, and threats to populations. Member of the Vermont Scientific Advisory Group for birds.

Conservation Biologist. Oct. 2002 – Sept. 2007. Vermont Institute of Natural Science. Director of the Vermont Breeding Bird Atlas, a 5-year statewide survey with over 300 volunteers. Included project development, coordination with regional leaders, outreach, database and website management, and oversight of field technicians. Conducted research on Bobolink winter ecology in South America assessing distribution, habitat use, and threats to populations. Member of the Vermont Scientific Advisory Group for rare birds and co-chair of the Vermont Bird Records Committee.

Research Assistant and Teaching Assistant. Sept. 1995 – May 2002. University of Wisconsin – Madison. Conducted research on grassland bird abundance, productivity, and nest predators in southwestern Wisconsin pastures. Conducted study on effects of grazing practices on bird, small mammal, and amphibian communities. Taught discussion sections for Conservation Biology. Supervised 4 to 11 field technicians each spring/summer. Assisted collaborating Masters students

with study design, field work, and data analyses. Research included use of funnel traps, drift fences, Sherman live traps, Tomahawk traps, amphibian calling surveys, point counts, vegetation structure assessment, video cameras to document predation events, tracking stations to detect mid-sized mammal activity, GPS, GIS (ArcInfo), Fragstats, and spatial modeling (S+).

Wildlife Technician. The Nature Conservancy, Winter Haven, Florida. Evaluated the influence of grazing and burning frequency on the Florida grasshopper sparrow in central Florida prairies using mist netting/banding, spot-mapping, behavioral observations, GPS, and vegetation sampling. March 1995 - Aug. 1995.

Campaign Director. Food & Water, Inc., Marshfield, Vermont. Developed and implemented national campaign to educate consumers about the environmental and health benefits of sustainable agriculture. Includes development of a grassroots network, media relations, public speaking, oversight of interns, and project fund-raising. Sept. 1993 - Nov. 1994.

Loon Biologist. Vermont Institute of Natural Science, Woodstock, Vermont. Managed and monitored the status of Common Loons in the state of Vermont. Recruited and supervised volunteers, gave public presentations, coordinated annual statewide census, and wrote annual final report. Mist-netted, banded, and collected morphometric data on resident and migratory birds in separate project. Apr.-Sept., 1991-1993.

Field Biologist. Quintana Roo, Mexico. Mist-netted and banded resident and migratory birds in a dry tropical forest. Recorded body condition and other morphometric data. Determined territorial boundaries, site fidelity, and survivorship of Hooded Warblers through netting, observations, and use of playbacks. Assisted with aquatic and terrestrial bird census of Contoy Island, Quintana Roo. Assisted with bat mist-netting project. Sept. 1992 - Mar. 1993.

Outreach Coordinator. Vermont Farm and Food Coalition, Montpelier, Vermont. Organized regional workshops, developed local working groups, and coordinated a culminating statewide conference on farm, environmental, and hunger issues to initiate local community projects. Sept. 1991-Feb. 1992.

Project Coordinator. Rural Vermont, Montpelier, Vermont. Organized conferences, meetings, displays, and mailings focusing on issues affecting family farms. Raised funds through telemarketing. Wrote press releases and coordinated volunteer assistance. Nov.-Apr., 1991.

Staff Biologist. Vermont Institute of Natural Science, Woodstock, Vermont. Monitored territorial pairs of the Common Tern, Peregrine Falcon, and Common Loon in Vermont. Duties included behavioral observation, trapping and banding, and conducting public educational presentations. Mist-netted, banded, and collected morphometric data on resident and migratory songbirds. Participated in statewide censuses of various species. Apr.-Sept., 1990.

Earth Day and Recycling Coordinator. Vermont State Agency of Natural Resources, Waterbury, Vermont. Facilitated the coordination of Earth Day events throughout Vermont and

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encouraged public participation. Provided ideas and information to the public regarding Earth Day activities and recycling programs. Initiated recycling programs within the agency. Jan.-Apr., 1990.

Wildlife Technician. University of Minnesota, Thief River Falls, Minnesota. Surveyed migratory birds for environmental impact study. Identified birds in flight to most specific category possible. Sept.-Nov., 1989.

Field Biologist. Green Mountain National Forest, Vermont. Monitored five avian indicator species throughout the National Forest using the IPA and variable-width transect methods. Generated summary statistics. May-Aug., 1989.

REFEREED PUBLICATIONS

Ribic, C., Koford, R., Herkert, J., Johnson, D., Renfrew, R., Niemuth, N., Naugle, D., and K. Bakker. Area sensitivity in North American grassland birds: patterns, processes, and research needs. *Current Ornithology* 17, *in press*.

Renfrew, R.B., D. H. Johnson, G.R. Lingle, W.D. Robinson. 2008. Avian response to meadow restoration in the central Great Plains. *Proc. North American Prairie Conf.* 20:313-324.

Renfrew, R.B. and C.A. Ribic. 2008. Multi-scale models of grassland passerine density in a fragmented system in Wisconsin. *Landscape Ecology* 23:181-193.

Renfrew, R.B. and A.M. Saavedra 2007. Ecology and conservation of Bobolinks in rice production regions of Bolivia. *Ornitologia Neotropical* 18:61-73.

Renfrew, R.B. 2007. An interspecific foraging association between Nearctic-Neotropical Migrant Passerines in Bolivia. *Wilson Journal of Ornithology* 119:124-126.

Renfrew, R.B., C.A. Ribic, and J.L. Nack. 2005. Edge avoidance by nesting grassland birds: a futile strategy in a fragmented landscape. *Auk* 122:618-636.

Renfrew, R.B. and C.A. Ribic. 2003. Grassland passerine nest predators near pasture edges identified on videotape. *Auk* 120:371-383.

Renfrew, R.B. and C.A. Ribic. 2002. Influence of topography on density of grassland passerines in Wisconsin pastures. *American Midland Naturalist* 147:315-325.

Ribic, C.A., D.W. Sample, and R. Renfrew. 2002. Linking landscape management with the conservation of grassland birds in Wisconsin. IN: Bissonette, J.A. And I. Storch, eds. *Landscape ecology and resource management: linking theory with practice*. Island Press, Washington, D.C.

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Renfrew, R. and C.A. Ribic. 2001. Grassland birds associated with agricultural riparian areas in southwestern Wisconsin. *Journal of Range Management* 54:546-552.

Renfrew, R. 2002. Savannah Sparrow (*Passerculus sandwichensis*). IN: Cutright, N., B. Harriman, and R. Howe, eds., Wisconsin Breeding Bird Atlas. University of Wisconsin Press, Madison.

Renfrew, R. 2002. Eastern Meadowlark (*Sturnella magna*). IN: Cutright, N., B. Harriman, and R. Howe, eds., Wisconsin Breeding Bird Atlas. University of Wisconsin Press, Madison.

Renfrew, R. and D.W. Sample. 2002. Bobolink (*Dolichonyx oryzivorus*). IN: Cutright, N., B. Harriman, and R. Howe, eds., Wisconsin Breeding Bird Atlas. University of Wisconsin Press, Madison.

Sample, D.W. and R. Renfrew. 2002. Grasshopper Sparrow (*Ammodramus savannarum*), IN: Cutright, N., B. Harriman, and R. Howe, eds., Wisconsin Breeding Bird Atlas. University of Wisconsin Press, Madison.

EXAMPLES OF REPORTS

Renfrew, R. and S. Faccio. 2007. Breeding bird inventory and assessment for the proposed Grandpa's Knob Wind Project, Rutland County, Vermont. Vermont Institute of Natural Science, Quechee, VT.

Rimmer, C.C., K.P. McFarland, J.D. Lambert, and R.B. Renfrew. 2004. Evaluating the use of Vermont ski areas by Bicknell's Thrush: applications for Whiteface Mountain, New York. Vermont Institute of Natural Science. Woodstock, VT.

Renfrew, R. 1991 – 1993. "The Breeding Status of Common Loons in Vermont," Vermont Institute of Natural Science, Woodstock, Vermont.

Renfrew, R. 1989. "An assessment of Selected Management Indicator Species on the Green Mountain National Forest". Department of Natural Resources, University of Vermont, Burlington.

THESES

Renfrew, R. 2002. Multiscale effects on the abundance, productivity, and nest predators of grassland passerines in Wisconsin pastures. PhD Dissertation, University of Wisconsin – Madison.

Renfrew, R. 1999. The influence of agricultural land use and physiography on grassland birds in the Wisconsin Driftless Area. MS Thesis, University of Wisconsin – Madison.

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