COMMITTEE ON NATURAL RESOURCES
114th Congress Disclosure Form
As required by and provided for in House Rule XI, clause 2(g)(5)

April 19, 2016

"Recent Changes to Endangered Species Critical Habitat Designation and Implementation"

For Individuals:

Name:
Address:
Email Address:
Phone Number:

* * * * *

For Witnesses Representing Organizations:

Name: Loyal A. Mehrhoff
Name of Organization you are Representing at the Hearing: The Center for Biological Diversity
Business Address: [redacted]
Business Email Address: [redacted]
Business Phone Number: [redacted]

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For Nongovernment Witnesses ONLY:

1. Please attach/include current curriculum vitae or resume.

2. Please list any federal grants or contracts (including subgrants or subcontracts) related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the source and amount of each grant or contract.

None.

3. Please list any contracts or payments originating with a foreign government related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the amount and country of origin of each contract or payment.

None.

Loyal Archie MEHRHOFF, III

[redacted]

PERSONAL INFORMATION:
U.S. citizen
Military Service: U.S. Army, 7/20/1980-7/21/1984; Captain; Honorable Discharge
Highest Federal Grade: GS-401-15, Supervisory Biologist: 2/23/2003 - 9/30/2014

EDUCATION:
Ph.D., University of British Columbia, Vancouver, B.C., Botany, 11/1989
M.A., University of North Carolina, Chapel Hill, NC, Botany, 05/1980
B.A., University of Montana, Missoula, MT, Botany, 06/1978
H.S., Carterville Community High School, Carterville, IL, 05/1974

EMPLOYMENT HISTORY:

A. Endangered Species Recovery Coordinator, Center for Biological Diversity.
P.O. Box 26031
Honolulu, HI 96825-6031
DUTIES: Develop programs and initiatives that improve the protection and recovery of endangered species and better assess the effectiveness of how the Endangered Species Act is implemented.

B. Field Supervisor, Pacific Islands Fish and Wildlife Office, U.S. Fish and Wildlife Service (Fish and Wildlife Administrator GS-480-15), 8/1/2009 – 9/30/2014).
Pacific Islands Fish and Wildlife Office
U.S. Fish and Wildlife Service
300 Ala Moana Blvd, Suite 311
Honolulu, HI 96850
Grade: GS-15
DUTIES: Supervisor of the U.S. Fish and Wildlife Service's Pacific Islands Fish and Wildlife Office (PIFWO). The Field Supervisor was responsible for managing PIFWO, to include planning, budgeting, hiring, supervision, and developing and maintaining productive partnerships. Primary areas of responsibilities included: implementation of all U.S. Fish and Wildlife Service activities related to Ecological Services, these involved the over 500 species protected under the U.S. Endangered Species Act (listing, development of critical habitat, pre-listing conservation, recovery actions, interagency consultations (section 7), habitat conservation plans, and delisting of species), strategic habitat conservation efforts to protect ecosystems, implementation of the Fish and Wildlife Coordination Act, Partners for Fish and Wildlife efforts, and coordinating with the U.S. Fish and Wildlife Service's other divisions on law enforcement, management of National Wildlife Refuges, and the Pacific Islands Climate Change Cooperative.

C. Center Director, Pacific Island Ecosystems Research Center, U.S. Geological Survey (Supervisory Biologist GS-401-15), 7/11/2006- present).
Pacific Island Ecosystems Research Center
U.S. Geological Survey
677 Ala Moana Blvd, Suite 615
Honolulu, HI 96813
Grade: GS-15
DUTIES: Director of the U.S. Geological Survey's Pacific Island Ecosystems Research Center (PIERC). The PIERC mission was to work with others to provide the scientific understanding and technologies needed to support the sound management and conservation of our Nation's biological resources in the Pacific Basin. The Center Director was responsible for all aspects of managing the Center, to include planning, budgeting, hiring, developing research thrusts, supervision, and coordinating research with land management agencies. Primary areas of research included: the ecology of native species, especially Hawaiian Forest Birds; invasive species, restoration ecology, climate change, and avian diseases.

D. Chief, Biological Resource Management Division, National Park Service (Supervisory Biologist GS-401-15), 2/23/2003 to 7/10/2006.
Biological Resource Management Division
Natural Resource Program Center
National Park Service
1201 Oak Ridge Drive, Suite 200
Fort Collins, CO 80525
Supervisor: Rich Gregory, Acting Director, NRPC. [Retired].
Grade: GS-15
DUTIES: The Biological Resource Management Division provided professional, science-based support for invasive species management, terrestrial ecosystem restoration, threatened and endangered species protection, integrated pest management, vegetation mapping, biological databases, and wildlife management to National Park Service Directorates, Regional Offices, and Parks. The Division was also responsible for providing policy recommendations, preparing technical guidance, managing performance goals, and coordinating natural resource project funding sources.

E. Endangered Species Program Manager (Botanist GS-0430-13), 10/24/1999 to 2/23/2003.
Biological Resource Management Division
Natural Resource Program Center
National Park Service
1201 Oak Ridge Drive, Suite 200
Fort Collins, CO 80525
Grade: GS-13
DUTIES: Responsible for developing and implementing programs to protect and recover over 400 endangered or threatened species found in national parks.

F. Fish and Wildlife Biologist (GS-0430-12/13), 06/11/1995 to 10/23/1999

U.S. Fish and Wildlife Service
Office of Technical Support
333rd S.W. 1st Avenue
Portland, OR
DUTIES: The Office of Technical Support provides the Assistant Regional Director with habitat and species-specific expertise on forest-related issues within the range of the northern spotted owl.

G. Chief, Listing Branch (Supervisory Fish and Wildlife Biologist, GS-0401-12); Botanist (GS-0430/0401-12), 02/07/1993 to 06/10/1995
U.S. Fish and Wildlife Service
Pacific Islands Ecoregion, Honolulu, HI. General office phone:
DUTIES: Senior staff botanist for the Endangered Species Listing Branch, then Supervisor of the Listing Branch.

H. Research Botanist, 01/25/1991 to 02/05/1993
Department of Botany
Bishop Museum, P.O. Box 19000A, Honolulu, HI
DUTIES: Research Botanist on the Hawaiian Flora. I conducted research on biodiversity issues, coordinated the Museum's participation in plant conservation efforts, and assisted in programs aimed at informing the public about these activities

I. Post-doctoral Research Associate (Conservation), 06/1989 to 12/1990
Institute for Environmental Studies
FM-12 University of Washington, Seattle, WA
DUTIES: Post-doctoral Research Associate in Conservation Biology, involved in three major areas of responsibility, research, teaching, and liaison with other departments and organizations.

J. Director, 9th Chemical Detachment/Commandant, NBC School, (Captain, O-3) and Chemical Officer/Assistant Operations Officer 11/1980 to 07/1984
U.S. Army
9th Chemical Detachment,
24th Infantry Division
Fort Stewart, GA 31314
DUTIES: Officer in charge of a Nuclear, Biological, and Chemical (NBC) Detachment; Commandant of a 400 student/year active duty, technical NBC defense school; and officer responsible for the Post Inspector General's NBC inspection team.

PUBLICATIONS:

Paxton, E.H., J. Burgett, E. McDonald-Fadden, E. Bean, C.T. Atkinson, D. Ball, C. Cole, L.H. Crampton, J. Kraus, D.A. LaPointe, L. Mehrhoff, M.D. Samuel, D.C. Brewer, S.J. Converse, and S. Morey. 2012. Keeping Hawai'i's Forest Birds One Step Ahead of Avian Diseases in a Warming World: a focus on Hakalau Forest National Wildlife Refuge. A case study from the Structured Decision Making Workshop, Volcano HI. National Conservation Training Center. Sheperdstown, WV.

Price, J.P., J.D. Jacobi, S.M. Gon III, D. Matsuwaki, L. Mehrhoff, W. Wagner, M. Lucas, and B. Rowe. 2012. Mapping plant species ranges in the Hawaiian Islands—Developing a methodology and associated GIS layers: U.S. Geological Survey Open-File Report 2012–1192, 34 p., 1 appendix (species table), 1,158 maps.

Pratt, T.K., C.T. Atkinson, P.C. Banko, J.D. Jacobi, B.L. Woodworth, and L.A. Mehrhoff. 2009. Can Hawaiian forest birds be saved? Chapter 25, pp. 552-580 In Conservation biology of Hawaiian forest birds: Implications for island avifauna (T. K. Pratt, C. T. Atkinson, P. C. Banko, J. D. Jacobi, B. L. Woodworth, eds.). Yale University Press, New Haven, CT.

Loope, Lloyd, Janice Uchida, and Loyal Mehrhoff. 2008. The Threat of the Non-native Neotropical Rust Puccinia psidii to Hawaiian Biodiversity and Native Ecosystems: A Case Example of the Need for Prevention. For: Rethinking Protected Areas in a Changing World: Proceedings of the 2007 GWS Biennial Conference on Parks, Protected Areas, and Cultural Sites, eds. Weber, Samantha, and David Harmon. 2008. Hancock, Michigan: The George Wright Society.

Crouse, D., Mehrhoff, L., Parkin, M., Elam, D., and Chen, L. 2002. Endangered species recovery and the SCB study: The U.S. Fish and Wildlife Service perspective. Ecological Applications 12:719–723.

Mehrhoff, L.A. and Bayless, J. 2002. Endangered Species in Pacific and Western Parks. Endangered Species Bulletin 27:18-19.

Mehrhoff, L.A. and Dratch, P.D. 2002. Endangered Species and the National Park Service. Endangered Species Bulletin 27:4-7.

Mehrhoff, L.A. and Homoya, M.A. 2002. Isotria. For: Flora of North America Editorial Committee, eds. 1993+. Flora of North America North of Mexico. 3+ vols. New York and Oxford.

Sakai, A. K., W. L. Wagner, and L. A. Mehrhoff. 2002. Patterns of Endangerment in the Hawaiian Flora. Systematic Biology 51: 276-302.

Mehrhoff, L.A. 1998. Endangered and Threatened Species. In: The Atlas of Hawaii. University of Hawaii Press, Honolulu, Hawaii, USA.

Mehrhoff, L.A. 1997. Extinct plants of the Hawaiian Islands. In: The World Wildlife Fund Guide to Extinct Species of Modern Times. Edited by W. Beacham, pp. 212-250. Beacham Publishing Co., Osprey, Florida, USA.

Mehrhoff, L.A. and Turkington, R. 1996. Growth and survival of white clover (Trifolium repens) transplanted into patches of different grasses. Canadian Journal of Botany 74:1243-1247.

Mehrhoff, L.A. 1996. Focus: Reintroducing rare plants in Hawaii. In: Restoring Biodiversity. Edited by D.A. Falk, C.I. Millar, and M. Olwell, pp. 101-120. Island Press, San Francisco, California, USA.

Mehrhoff, L.A. and Turkington, R. 1995. Resource use and co-existence: experimental tests from a sequence of different-aged pastures. Evolutionary Ecology 9:617-632.

Mehrhoff, L.A. 1993. Rare plants in Hawaii: a status report. Plant Conservation 7:1-2.

Turkington, R. and Mehrhoff, L.A. 1990. The role of competition in structuring pasture communities. In: Perspectives on Plant Competition, edited by J. Grace and D. Tilman, pp. 307-340. Academic Press, San Diego, California, USA.

Mehrhoff, L.A. and Turkington, R. 1990. Microevolution and site- specific competitive outcome among pasture plants. Journal of Ecology 78:745-756.

Mehrhoff, L.A. 1989. Reproductive vigor and environmental factors in populations of an endangered North-American orchid, Isotria medeoloides (Pursh) Rafinesque. Biological Conservation 47:281-296.
Mehrhoff, L.A. 1989. The dynamics of declining populations of an endangered orchid, Isotria medeoloides. Ecology 70:783-786.
Mehrhoff, L.A. 1983. Pollination in the genus Isotria (Orchidaceae). American Journal of Botany 70:1444-1453.

PRESENTATIONS:

Paxton, E., C. T. Atkinson, D. Ball, J. Burgett, C. Cole, **L. H. Crampton**, J. Kraus, D. A. LaPointe, L. Mehrhoff, M. D. Samuel. 2011. Keeping Hawaii's Forest Birds One Step Ahead of Diseases in a Warming World. Oral Presentation. The Wildlife Society, Waikoloa, HI.

Price, J., Giambelluca, T. W., Jacobi, J., Elison Timm, O., Diaz, H. F., & Mehrhoff, L. (2009). Modeling Hawaiian plant species ranges relative to global climate change. Poster presented at the Hawaii Conservation Conference, Honolulu, HI.

Kaufman, B. and L. Mehrhoff. 2009. Large scale restoration as an adaptation strategy to climate change. Honolulu, Hawaii. Hawaii Conservation Conference.

Mehrhoff, L.A., Gordon Tribble, and Mike Fields. 2009. Applications of Holistic Science to Meet NPS Information Needs. George Wright Society Conference. Portland, Oregon.

Loope, Lloyd; Uchida, Janice; and Mehrhoff, Loyal. 2008. The Threat of the Non-native Neotropical Rust Puccinia psidii to Hawaiian Biodiversity and Native Ecosystems: A Case Example of the Need for Prevention. George Wright Society Conference, Madison.

Mehrhoff, L.A. 2007. The value of students and interns to research. Hawaii Conservation Conference, Honolulu, Hawaii.

Johnson, Fagan, Peter Dratch, and Loyal Mehrhoff. 2006. A database to track populations of endangered, threatened, proposed and candidate species in National Parks. Society for Conservation Biology Conference, San Jose, CA.

Mehrhoff, L.A. 2005. A Seamless Network of parks: Using a landscape approach to foster cooperation in the Southeast. George Wright Society Meetings, Philadelphia, PA.

Mehrhoff, L.A. 2001. Habitat loss, species extinctions, and landscape-level conservation in Hawaii. Society for Conservation Biology Conference, Hilo, HI.

Crouse, D., Mehrhoff, L., Parkin, M., Elam, D., and Chen, L. 2001. Endangered species recovery and the SCB study: The U.S. Fish and Wildlife Service perspective. Society for Conservation Biology Conference, Hilo, HI.

Creed, J., Chen, J., Cumming, G., Heckscher, S., Massicot, P., Mehrhoff, L., Ramsey, K., and Valaoras, G. 2001. The Three Gorges Dam in China: Conservation challenges and reflections. Society for Conservation Biology Conference, Hilo, HI.

Alverts, B., Horton, A., McKenzie, D., Mehrhoff, L., and Stone, B. 1997. Implementation monitoring of the Northwest Forest Plan: experience, results, and elements of success. Society of American Foresters Conference.

Mehrhoff, L.A. 1993. The success of reintroduction efforts in Hawaii. In a conference on Reintroduction and the Conservation of Endangered Species. Center for Plant Conservation, St. Louis, Missouri.

Mehrhoff, L.A., Sakai, A.K., Wagner, W.L., and Herbst, D.L. 1993. Patterns of endangerment in Hawaii. International Botanical Congress, Yokohama, Japan.

Mehrhoff, L.A. 1992. Extinction and rarity in the Hawaiian Flora. In a symposium on "The Future of Pacific Plant Diversity". AIBS, Honolulu, Hawaii.

Robson, K.A. and Mehrhoff, L.A. 1991. Phylogenetic considerations in rare plant research and conservation. American Institute of Biological Sciences, Texas.

Robson, K.A., Everett, R., Maze, J., Mehrhoff, L.A, and Barker, W. 1991. The Rare Plant Consortium: a network for research and conservation. American Association for the Advancement of Science, Logan, Utah.

Mehrhoff, L.A. and Turkington, R. 1987. Coexistence, niche shift, and changing competitive ability in species from young and old permanent pastures. 14th Botanical Congress, Berlin, Germany.

Mehrhoff, L.A. 1980. Reproductive systems in the genus Isotria (Orchidaceae). Botanical Society of America, Vancouver, Canada.

Mehrhoff, L.A. 1980. The distribution, status, and ecology of Isotria medeoloides (Pursh) Rafinesque. Botanical Society of America, Vancouver, Canada.