

COMMITTEE ON NATURAL RESOURCES
Disclosure Form
As required by and provided for in House Rule XI, clause 2(g) and
the Rules of the Committee on Natural Resources

For Individuals:

1. Name: Dr. David A. Jessup
2. Address: [Information redacted for privacy]
3. Email Address: [Information redacted for privacy]
4. Phone Number: [Information redacted for privacy]

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For Witnesses Representing Organizations:

1. Name:
2. Name of Organization(s) You are Representing at the Hearing:
3. Business Address:
4. Business Email Address:
5. Business Phone Number:

Name/Organization: **Dr. David A. Jessup**

Title/Date of Hearing: **Legislative Hearing on H.R. 4043, "Military Readiness and Southern Sea Otter Conservation Act" – April 19, 2012**

a. Any training or educational certificates, diplomas or degrees or other educational experiences that are relevant to your qualifications to testify on or knowledge of the subject matter of the hearing.

- Bachelor of Science, Zoology, Cum Laude, University of Washington, Seattle, WA.
- 1976: Doctor of Veterinary Medicine, Cum Laude, College of Veterinary Medicine, Washington State University, Pullman, WA.
- 1976-77: Veterinary Pathology Residency, University of California, Davis, CA. (1 year of 3)
- 1983: Foreign Animal Disease Diagnostician Course, USDA, APHIS, Plum Island, NY, Ames, IO.
- 1982-84: Masters in Preventive Veterinary Medicine, School of Veterinary Medicine, University of California, Davis, CA.
- 1989: Certified Wildlife Biologist, The Wildlife Society
- 1992: Diplomate of The American College of Zoological Medicine – Free-ranging Wildlife

b. Any professional licenses, certifications, or affiliations held that are relevant to your qualifications to testify on or knowledge of the subject matter of the hearing.

(see above)

- WDA-The Wildlife Disease Association. Council member 1982-86, Vice President 1991-93 President 1993-95, International Program Chairman 1999-01, current Executive Manager
- American Association of Wildlife Veterinarians (AAWV). Founding Committee 1979. Sec/Treas. 1979-81, V.P. 1981-83, President 1983-85, Chair Advisory Council 1985-87. Treas. 1999-2001, President 2003-05. Chair Advisory Council 2005-2007.
- AVMA-American Veterinary Medical Association 1976-present. Committee on Environmental Issues 2003-2009. Chairman 2005-2009. Currently, member Euthanasia review committee.
- AAZV-American Association of Zoo Veterinarians
Editorial Board, 1990-1997 Associate Editor 2007-2009
- The Wildlife Society, Publication Awards Committee, 2002-04, Wildlife Disease Working Group
- IUCN-Wildlife Health Specialists Group, Chairman for USA-Canada section 2000-present
- Society for Conservation Biology

c. Any employment, occupation, ownership in a firm or business, or work-related experiences that relate to your qualifications to testify on or knowledge of the subject matter of the hearing.

Employment

- 6/76-5/77: Post Graduate Research Pathologist, Veterinary Medical Teaching Hospital and California Primate Center, U.C. Davis
- 5/77-8/79 Associate Wildlife Pathologist/Veterinarian, California Department of Fish and Game (CDFG), Wildlife Investigations Laboratory (WIL), Sacramento, CA.
- 4/80-7/80 Staff Veterinarian, Woodland Park Zoo, Seattle, WA.
- 8/79-7/90 Staff Wildlife Pathologist/Veterinarian, CDFG, WIL, 1701 Nimbus Rd., Suite D, Rancho Cordova, CA 95670.
- 7/90-5/94 Veterinary Medical Officer, CDFG, WIL then Office of Oil Spill Prevention and Response (OSPR). Address as above.

- 1990-1994, 1996-2001 Adjunct Assistant Professor, Department of Pathology, Immunology, Microbiology, School of Veterinary Medicine, U. C. Davis.
- 1994-2002 Wildlife Research Biologist, Institute Toxicology and Environmental Health, U.C. Davis.
- 5/94-11/2010 Senior Wildlife Veterinarian, CDFG-OSPR 1451 Shaffer Road, Santa Cruz, CA 95060.
- 1986-present Board Member, International Wildlife Veterinary Services, Inc., Salinas, CA
- 1997-present Associate Researcher, Institute for Marine Science, U.C. Santa Cruz
- 2002-present Research Associate, Wildlife Health Center, U.C. Davis.
- 2010-present Executive Manager, Wildlife Disease Association

Peer-Reviewed Publications on Sea Otters, Marine Species, and Ecosystems

DiMolfetto D -Landon L., K.L. Erickson, M. Blanchard-Channell, S.J. Jeffries, J.T. Harvey, D.A. Jessup, D.A. Ferrick, J.L. Stott. 1995. Blastogenesis and interleukin-2 receptor assays in the harbor seal, *Phoca vitulina*. Jour. Wildl. Dis. 31(2) 142-149.

Jessup D.A. 1998. Why rehabilitate oiled wildlife: Legal, fiscal, political, social and biological reasons. Conservation Biology 12(5):1153-1155.

Ham-Lamme K.D., D.P. King, B.C. Taylor, C. House, D.A. Jessup, P.K. Yochem, M.D. Gulland, D.A. Ferrick, J.L. Stott. 1999. The application of immuno-assays for the serological detection of morbillivirus exposure in free-ranging harbor seals (*Phoca vitulina*) and sea otters (*Enhydra lutris*) from the west coast of the United States. Marine Mammal Science 15(2):601-608.

Taylor B.C., R.M. Bothridge, D.A. Jessup, J.L. Stott. 1999 Measurement of serum immunoglobulin G concentration in killer whales and sea otters by radial immunodiffusion Veterinary Immunology and Immunopathology.

Mazet, J.A.K., I. Gardner, D. Jessup, and L. Lowenstine. 2000. Changes in hematologic and clinical chemistry values following petroleum product exposure on mink as models for sea otters. A.J.V.R. 61(10)1197-1203.

Mazet, J.A.K., I Gardner, D. Jessup and L. Lowenstine. 2001. Effects of petroleum on mink applied as a model for reproductive success in sea otters. Jour. Wildl. Diseases 37(4):686-692.

Miller, M.A., I.A. Gardner, D. Paradies, K. Worcester, D. Jessup, E. Dodd, M. Harris, J. Ames, A. Packham, P.A. Conrad 2002. Coastal freshwater runoff is a risk factor for *Toxoplasma gondii* infection of southern sea otters (*Enhydra lutris nereis*). International Jour. Parasit. 32:997-1006.

Miller, M.A., I.A. Gardner, A. Packham, J.K. Mazet, K.D. Hanni, D. Jessup, J. Estes, R. Jameson, E. Dodd, B.C. Barr, L.J. Lowenstine, F.M. Gulland, P.A. Conrad. 2002. Evaluation of an indirect fluorescent antibody test (IFAT) for demonstration of antibodies to *Toxoplasma gondii* in the sea otter (*Enhydra lutris*). Journal of Parasitology. 88:594-599.

Mazet J.A.K., S.H. Newman, K.V.K. Gilardi, F.S. Tseng, J.B. Holcomb, D.A. Jessup, M. Ziccardi,. 2002. Advances in oiled bird emergency medicine and management. Jour. of Avian Med. And Surg. 16(2):146-149.

Kreuder, C., M. Miller, D. Jessup, L. Lowenstine M.D. Harris, J. Ames, T.E. Carpenter, P.A. Conrad, J.K. Mazet. 2003. Patterns of mortality in the southern sea otter (*Enhydra lutris*) from 1998-2001. J Wildl. Dis. 39(3): 495-509.

- Hanni, K.D., J.A.K. Mazet, F.M.D. Gulland, J. Estes, M. Staedler, M.J. Murray, D.A. Jessup. 2003. Clinical pathological values and assessment of pathogen exposure in southern and Alaskan sea otters. *J. Wildl. Dis.* 39(4): 837-850.
- Kannan, K., H. Nakata, N. Kajiwara, M. Watanabe, N.J. Thomas, D.A. Jessup and S. Tanabe. 2003. Profiles of polychlorinated biphenyl congeners, organochlorine pesticides and butyltins in southern sea otters and their prey: Implications for PCB metabolism. *Environmental Toxicology and Chemistry.* 23(1): 49-56.
- Stavely C.M., K.B. Register, M.A. Miller, S.L. Brockmeier, D.A. Jessup, S. Jang. 2003. Molecular and antigenic characterization of *Bordetella bronchiseptica* isolated from a wild southern sea otter (*Enhydra lutris nereis*) with severe suppurative bronchopneumonia. *Journal of Veterinary Diagnostic Investigation.* 15(6): 570-574.
- Gerber L.R., M.T. Tinker, D.F. Doak, J.E. Estes, D.A. Jessup. 2004. Mortality sensitivity in life-stage simulation analysis: A case study of Southern sea otters. *Ecological Applications*, 14(5): 1154-1165.
- Jessup, D.A., M. Miller, J. Ames, M. Harris, P. Conrad C. Kreuder and J.A.K. Mazet. 2004. The southern sea otter (*Enhydra lutris nereis*) as a sentinel of marine ecosystem health. *Ecohealth.* 1(3):239-245.
- Miller M.A., M.E. Griggs, C. Kreuder, E.R. James, A.C. Melli, P.R. Crosbie, D.A. Jessup, J.C. Boothroyd, D. Brownstein, and P.A. Conrad. 2004. An unusual genotype of *Toxoplasma gondii* is common in California sea otters (*Enhydra lutris nereis*) and is associated with mortality. *Int. Jour. Parasit.* 34:275-284.
- Kreuder C.K., M. Miller, P. Conrad, L. Lowenstine, T. Carpenter, D.A. Jessup, J.K. Mazet. 2005. Evaluation of cardiac lesions and risk factors associated with myocarditis and dilated cardiomyopathy in southern sea otters (*Enhydra lutris nereis*). *AJVR*, 66(2):289-299.
- Miller, W.A., M.A. Miller, I.A. Gardner, E.R. Atwill, A.C. Melli, M. Harris, J. Ames, K. Worcester, N. Barnes, D. Jessup, and P.A. Conrad, 2005. New genotypes and factors associated with Cryptosporidium detection in mussels (*Mytilus spp.*) along the California coast. *Int. Jour. Parasitol*, 35:1103-1113.
- Miller W., M. Miller, I. Gardner, R. Atwill, B. Byrne, S. Jang, M. Harris, J. Ames, D. Jessup, D. Paradies, K. Worcester, A. Melli, P. Conrad. 2006. *Salmonella spp.*, *Vibrio spp.*, *Clostridium perfringens*, and *Plesiomonas shigelloides* in marine and freshwater invertebrates from coastal California ecosystems. *Microb. Ecol.* 52:198-206
- Conrad, P.A., M.A. Miller, C. Kreuder, E.R. James, J. Mazet, H. Dabritz, D.A. Jessup, F. Gulland, M.E. Grigg. 2006. Transmission of *Toxoplasma*: Clues from sea otters as sentinels of *Toxoplasma gondii* flow into the marine environment. *Int. Jour. Parasitol.* 35, 1155-1168.
- Levin M., H. Leibrecht, C. Mori, D. Jessup, S. De Guise. 2007 Immunomodulatory effects of organochlorine mixtures upon in vitro exposure of peripheral blood leukocytes differ between free-ranging and captive Southern sea otters (*Enhydra lutris*). *Vet. Immuno. Immunopath.* 119:269-277.
- Jessup, D.A., M. Miller, C. Kreuder-Johnson, P. Conrad, T. Tinker, J. Estes, J. Mazet. 2007. Sea otters in a dirty ocean. *Jour. Am. Vet. Med. Assoc.* 231:11, 1648-1652
- Aguilar A., D.A. Jessup, J. Estes, J.C. Garza. 2008. The distribution of nuclear genetic variation and the historical demography of sea otters (*Enhydra lutris*). *Animal Conservation.* 11: 35-45.
- Miller M.A., W.A. Miller, P.A. Conrad, E.R. James, A.C. Melli, C.M. Leutenegger, H.A. Dabritz, A.E. Packham, D. Paradies, M. Harris, J. Ames, D.A. Jessup, K. Worcester, and M.E. Grigg. 2008. Type X

Toxoplasma gondii in wild mussel and terrestrial carnivores from coastal California: New linkages between terrestrial mammals, runoff and toxoplasmosis of sea otters. *Int. J. Parasitol.* 38(11), 1319-1328.

Miller M., P. Conrad, E.R. James, A. Packham, S. Toy-Choutka, M.J. Murray, D. Jessup, M. Grigg. 2008. Transplacental toxoplasmosis in a wild southern sea otter (*Enhydra lutris nereis*). *Vet. Parasitol.* 153(1-2), 12-18.

Johnson C.K., M.T. Tinker, J.E. Estes, P.A. Conrad, M. Staedler, M.M. Miller, D.A. Jessup, J.A.K. Mazet. 2008. Prey choice and habitat use drive sea otter pathogen exposure in a resource-limited coastal system. *PNAS: Biological Sciences-Ecology* 106(7); 2242-2247.

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Jessup D.A., M. Miller, J. Ryan, H. Nevins, A. Mekebri, D. Crane, T. Johnson, R. Kudela. 2009. Mass stranding of marine birds caused by surfactant producing red tide. *PLoS ONE* 4(2): e4550. doi:10.1371/journal.pone.0004550. *Science, Editors Choice*, volume 323: 1539.

Jessup D.A., M. H. Ziccardi. 2009. Getting out the oil, twenty years after Exxon Valdez, new ways to treat oiled sea otters. *Wildlife Professional* 3(2):36-40

Jessup D.A., M.J. Murray, D.R. Casper, D. Brownstein, C. Kreuder-Johnson. 2009. Canine distemper vaccination is a safe and useful preventive procedure for southern sea otters (*Enhydra lutris nereis*). *Jour. Zoo and Wildl. Med.* 40(4): 705-710.

Miller M.A., B.A. Byrne, S.S. Jang, E.M. Dodd, E. Dorfmeier, M.D. Harris, J. Ames, D. Paradies, K. Worcester, D.A. Jessup, W. A. Miller. 2009. Enteric bacterial pathogen detection in southern sea otters (*Enhydra lutris nereis*) is associated with coastal urbanization and freshwater runoff. *Veterinary Research.* 41:01. doi:10.105/vetres/2009049

Miller M. A., P.A. Conrad, M. Harris, B. Hatfield, G. Langlois, D.A. Jessup, S. Magaral, A.E. Packham, S. Toy-Choutka, A.E. Melli, M.A. Murray, F.M. Gulland, and M.E. Grigg. 2010. A protozoal-associated epizootic impacting marine wildlife: Mass-mortality of southern sea otters (*Enhydra lutris nereis*) due to *Sarcocystis neurona* infection. *Vet Parasitol.* 172(3-4): 183-94.

Levin M., J. Dhanashree, A. Draghi II, F. M. Gulland, D. Jessup, S. De Guise. 2010. Immunomodulatory effects of domoic acid in California sea lions and Southern sea otters. *J. Wildl. Dis.* 46(2): 541-550.

Jessup, D.A., C. Johnson, J. Estes, D. Carlson-Bremer, W.M. Jarman, E. Dodd, T. Tinker, M. Ziccardi. 2010. Persistent organic pollutants in blood of free ranging sea otters (*Enhydra lutris*) in Alaska and California. *J. Wildl. Dis.* 46(4):1214-1233.

Miller M., R.M. Kudela, A. Mekebri, D. Crane, S.C. Oates, M.T. Tinker, M. Staedler, W.A. Miller, S. Toy-Choutka, C. Dominick, D. Hardin, G. Langlois, M. Murray, K. Ward., D. Jessup. 2010. Evidence for a novel form of harmful algal bloom: Cyanotoxin transfer from land to sea otters. *PLoS One* 5(9): e12576. doi:10.1371/journal.pone.0012576

Harris H.S., S.C. Oates, M.M. Staedler, T. Tinker, D.A. Jessup, J.T. Harvey, M.A. Miller. 2010. Lesions of juvenile harbor seals associated with forced copulation by southern sea otters. *Journal of Aquatic Mammals.* 36(4): 219-229.

- Brownstein D., M.A. Miller, S. Oates, B. Byrne, S.Jang, M.J. Murray, D.A. Jessup. 2011. Antimicrobial susceptibility of bacterial isolates from southern sea otters (*Enhydra lutris nereis*). J. Wildl. Dis. 47(2):278-292.
- Goldstein T., V.A. Gill, A.M. Doroff, P. Toumi, D. Monson, A. Burdin, P.A. Conrad, J.H. Dunn, C. Fields, C. Kreuder, D.A. Jessup, J. Bodkin, J.A. Estes. 2011. Assessment of clinical pathology and pathogen exposure in sea otter (*Enhydra lutris*) bordering the threatened population in Alaska. J. Wildl. Dis. 47(3):579-592.
- Miller M.A., B.A. Byrne, S.S. Jang, E.M. Dodd, E. Dorfmeier, M.D. Harris, J. Ames, D. Paradies, K. Worcester, D.A. Jessup, W. A. Miller. 2009. Enteric bacterial pathogen detection in southern sea otters (*Enhydra lutris nereis*) is associated with coastal urbanization and freshwater runoff. Veterinary Research 41:01. doi:10.105/vetres/2009049
- Wendte J.M., Miller M.A., Lambourn D.M., Magargal S.L., Jessup D.A., Grigg M.E. 2010. Self-mating in the definitive host potentiates clonal outbreaks of the Apicomplexan parasites *Sarcocystis neurona* and *Toxoplasma gondii*. PLoS Genet. 6(12):e1001261
- Schriewer A, W.A. Miller, B.A. Byrne, M.A. Miller, P.A. Conrad, D. Hardin, Hsuan-Hui Yang, S.C. Oates, N. Chouicha, A. Melli, D. Jessup, S. Wuertz. 2010. Comparison of *Bacteroidales* markers, fecal indicator bacteria, and pathogens in rivers, estuaries, and wastewater treatment plants in the Monterey Bay region of California. Applied and Environmental Microbiology. Appl. Environ. Microbiol. 76(17): 5802-5814
- Jang, S., L. Wheeler, R.B. Carey, B. Jensen, C.M. Crandall, K.M. Schrader, D. Jessup, K. Colegrove, F.M.D. Gulland. 2011. Pleuritis and suppurative pneumonia with hypermucoviscosity phenotype of *Klebsiella pneumoniae* in California sea lions (*Zalophus californianus*). Veterinary Microbiology 141:174-177.
- Jessup D.A., L. Yeates, D. Casper, M. Murray, S. Toy-Choutka, M. Ziccardi. 2012. Washing Oiled Sea Otters. Wildlife Society Bulletin. (in press)
- Oates S.C., Miller M.A., Byrne B.A., Chouicha N., Hardin D., Jessup D.A, Dominik C., Roug, A., Schriewer A., Jang S.S., Miller W.A. 2012. Epidemiology and potential land-sea transfer of enteric bacterial pathogens from terrestrial to marine species in the Monterey Bay region of California. J. Wildl. Dis. (In press)
- Counihan-Edgar K.L., Gill V.A, Doroff A.M., Burek K.A., Miller W.A., Shewmaker P.L., Jang, S., Goertz C.E., Tuomi P.A., Miller M.A., Jessup D.A., Byrne B.A. 2012. Genetic characterization of *Streptococcus infantarius* subspecies *coli* Isolates from sea otters with valvular endocarditis. J. Wildl. Dis. (in press).
- Marine Ecosystem, Sea Otter and Marine Bird and Mammal Related publications: Popular press and non-peer reviewed.
- Mazet J.A.K., D.A. Jessup. 1996. Research aimed at protecting sea otters during oil spills. The Otter Raft 56(2):8-9.
- Jessup D.A. 1996. A concrete plan for sea otter care and recovery: The Oiled Wildlife Veterinary Care and Research Center at Santa Cruz. The Otter Raft 56(2): 1
- Jessup D.A., J.A.K. Mazet, J. Ames. 1997. Oiled wildlife care for sea otters and other marine animals in California: A government, private sector, not-for-profit cooperative. Endangered Species Update 13(12)53-56. Reprinted in 1998 AAZK Crisis Management Resource Notebook

- Jessup D.A. 1997. Oiled wildlife care as part of a comprehensive oil spill prevention and response program: Legal, political, and social justifications. Fifth International Effects of Oil on Wildlife Proceedings. Pp 176-179.
- Jessup D.A. 1997. Oil spills and wildlife. Proceedings of the North American Veterinary Conference. pp 809-810.
- Mazet, J.A.K., I Gardner, D. Jessup, J. Rittenburg. 1997. Field assay for the detection of petroleum products in wildlife. Bulletin of Environmental Contamination and Toxicology 59:513-519.
- Jessup D.A. 1997. Oiled wildlife care and the myth of the \$15,000 bird. Fifth International Effects of Oil on Wildlife Proceedings. Pp 191-193. Reprinted in 1998 Proceedings of the International Wildlife Rehabilitation Council.
- Jessup D.A., J.A.K. Mazet. 1997. Focusing on sea otters: The Santa Cruz oiled wildlife veterinary care and research center. Fifth International Effects of Oil on Wildlife Proceedings. Pp 181-184. Reprinted 1998 in Proceedings of the International Wildlife Rehabilitation Council.
- Jessup D. and J. Mazet. 1997. Oiled wildlife care for sea otters in California: A government, private sector, not-for-profit partnership. California and the World Ocean 1997. State of California Resources Agency.
- Jessup, D.A. 1998. Oiled wildlife rehabilitation: How far should we go ? Proc. 7th International Oil Spill Conf. Cairns, Australia, reprinted in Spill Science and Technology Bulletin.
- Jessup D.A., J.A.K. Mazet. 1999. Oiled wildlife rehabilitation, Why do it ? Proceedings of the Eighth International Oil Spill Conference. Seattle, WA. American Petroleum Institute
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- Jessup D.A., M. Chechowitz, J.A.K. Mazet, S. Newman, F. Tseng, A. DeVogelaere, S. Benson, F. Gulland. 1999. Monitoring marine ecosystem health in central California. Proceedings of the International Congress on Ecosystem Health: Managing for Ecosystem Health, Sacramento, CA
- Jessup, D.A., M. Chechowitz, J. Ames, M. Harris, K. Worcester, D. Paradies, J.A.K. Mazet. 2000. The decline of the Southern sea otter (*Enhydra lutris nereis*): Is it an indicator of contaminant and pathogen pollution, anthropogenic interference, and declining marine ecosystem health ? Proceedings AAZV/IAAAM pp 13-16.
- Yochem P.K., B.S. Stewart, D.A. Jessup. 2000. Health assessment of pinnipeds at the California Channel Islands. Pp. 421-423 In: Browne, D.R., K.L. Mitchell and H.W. Chaney (eds). Proceedings of Fifth California Islands Symposium, Santa Barbara, CA. OCS Study, MMS 99-0038
- Estes, J.A., M.T. Tinker, T.M. Williams, D. Jessup, A. Johnson. 2002. Population biology of the California sea otter. Monterey Bay National Marine Sanctuary Newsletter.
- Jessup, D.A. 2002. Evolving relationships between wildlife conservation agencies and wildlife rehabilitation groups. Wildlife Journal
- Jessup D.A. 2003. California sea otter numbers slide for second straight year. OSPR News. Spring pp 9-12.

Boggs M., D.A. Jessup. Avila tank farm spill and a decade of change. OSPR News, Spring pp 18-20.

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Jessup D.A., M.A. Miller, M.Harris, B. Hatfield, J.A. Estes. 2004. The 2003 southern sea otter (*Enhydra lutris nereis*) unusual mortality event: A preliminary report to NOAA and USFWS.

Jessup D.A., M. Ziccardi. 2006. A disaster we are prepared for: Oil spills. AVMA annual meeting proceedings

Jessup D.A. 2007. Wildlife Oil Spill Response for Veterinarians. Proceedings of the North American Veterinary Conference

Jessup D.A. 2007. Disease threats to sea otters result from non-point source pollution. Proceedings of the North American Veterinary Conference

Jessup D.A. 2007. Optimizing treatment of oiled sea otters. Proceedings of the North American Veterinary Conference

Jessup D.A., P.K. Yochem, M. Stoelting, R.S. Tjeerdema, B.S. Stewart. 2007. Baseline health parameters and polycyclic aromatic hydrocarbon (PAH) exposure levels for clinically normal harbor seals (*Phoca vitulina*) in California, USA. Proceedings 9th International Effects of Oil on Wildlife.

Jessup D.A. 2011. Southern Sea Otters: Stuck in Recovery. Outdoor California. January

Miller M, R. Kudela, D. Jessup. 2012. When marine ecosystems fall ill: Harmful algal blooms and marine biotoxins. Wildlife Professional. 6(1):44-48.

Book Chapters

Aguirre, A.A., T.M. O'hara, T.R. Spraker and D.A. Jessup. 2002. Programs monitoring the health and conservation of marine mammals and their ecosystems. IN: Conservation Medicine: Ecological Health Practice. Aguirre, A.A., R.S. Ostfeld, C.A. House, G.M. Tabor and M.C. Pearl (Eds.). Oxford University Press, New York. Pp. 79-94.

Jessup, D.A, Miller, M.A. 2012. Southern Sea Otters as Sentinels for Land-Sea Pollution. IN: Conservation Medicine: Applied Cases of Ecological Health. A. Aguirre, R. S. Ostfeld and P. Daszak, Eds. Oxford University Press, NY, 10016

d. Any federal grants or contracts (including subgrants or subcontracts) from the Department of the Interior (and/or other agencies invited) that you have received in the current year and previous four years, including the source and the amount of each grant or contract.

N/A

e. A list of all lawsuits or petitions filed by you against the federal government in the current year and the previous four years, giving the name of the lawsuit or petition, the subject matter of the lawsuit or petition, and the federal statutes under which the lawsuits or petitions were filed.

N/A

f. Any other information you wish to convey that might aid the Members of the Committee to better understand the context of your testimony.

(see above)

Name/Organization _____
Title/Date of Hearing _____

In addition, for witnesses representing organizations:

g. Any offices, elected positions, or representational capacity held in the organization(s) on whose behalf you are testifying.

NA

h. Any federal grants or contracts (including subgrants or subcontracts) from the Department of the Interior (and/or other agencies invited) that were received in the current year and previous four years by the organization(s) you represent at this hearing, including the source and amount of each grant or contract for each of the organization(s).

NA

i. A list of all lawsuits or petitions filed by the organization(s) you represent at the hearing against the federal government in the current year and the previous four years, giving the name of the lawsuit or petition, the subject matter of the lawsuit or petition, and the federal statutes under which the lawsuits or petitions were filed for each of the organization(s).

NA

j. A list of any countries from which the organization(s) you represent at the hearing have received foreign donations and the total amount of donations received from each country, for the current year and the previous four years, by each organization.

NA

k. For tax-exempt organizations and non-profit organizations, copies of the three most recent public IRS Form 990s (including Form 990-PF, Form 990-N, and Form 990-EZ) for each of the organization(s) you represent at the hearing (not including any contributor names and addresses or any information withheld from public inspection by the Secretary of the Treasury under 26 U.S.C. 6104)).

NA