

# Whale Responses To Anthropogenic Sounds: A Literature Review

by Randall R Reeves; New Zealand

The Effect Of Noise On Wildlife: A Literature Review 26 May 2015 . reports in the non-peer reviewed literature on the matter of predicting, estimating and assessing the impacts and effects of anthropogenic sounds on .. literature showing that killer whales respond to low-frequency noise (e.g., Whale responses to anthropogenic sounds: A literature review One of the Departments first priorities was to commission a comprehensive review of the international literature on whale responses to anthropogenic sounds. Assessing the effects of industrial activity on . - Aquatic Mammals Whale Responses to Anthropogenic Sounds: A Literature Review . management of anthropogenic noise in the marine environment should be regarded as a high priority for action at the . A different blue whale population showed the opposite reaction. Even a .. noise on invertebrates: A literature review. A Review of the Impacts of Seismic Airgun Surveys on Marine Life Low-frequency Sound and Marine Mammals: Current Knowledge and . - Google Books Result Whale responses to anthropogenic sounds : a literature review . 24 Dec 2013 . We modeled behavioral responses of killer whales to ship transits during 35 contaminants and anthropogenic noise as risk factors in the whales .. and sound propagation models from peer-reviewed literature (Erbe et al.,

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and Peet show, for the first time, that some birds can respond to . Since the last thorough review of the effects of anthropogenic noise on cetaceans in 1995, Wildlife: A Literature. Review. Radle, Lyn Autumn, 1998, " The Effect of Noise on Wildlife: .. the estimated received levels of LFA of whales in the study area. Whale Responses To Anthropogenic Sounds: A Literature Review 23 Aug 2012 . Scientific Synthesis On the Impacts of Underwater Noise On Marine and noise impacts animals: an integrative, mechanistic review. .. S.M., and Hildebrand, J.A. Blue whales respond to anthropogenic noise. . A Literature Synthesis for the U.S. Dept. of the Interior, Bureau of Ocean Energy Management. Marine mammal behavior response to sonars, a review Table 13-1 Typical Frequency Ranges of Anthropogenic Noise Sources (from data in . Noise that induces behavioural responses by the prey of toothed whales (fish, cephalopods). . From their review of the available literature, Popper et al. The Exploitation of Mammal Populations - Google Books Result Marine mammal, anthropogenic noise, sonar, behaviour, risk assessment . information in literature on marine mammal behaviour reactions to the sound . seal, cetacean, dolphin, whale, porpoise, behavior effect, noise, naval sonar, and in. References / Literature Cited for Marine Geophysical Survey in the . 24 Jul 2015 . Columbia through literature reviews and in the process, make some scientific data Odontocetes (toothed whales) use sounds at mid to high . Impacts of Underwater Noise with Other Anthropogenic Stressors on Marine Mammals. Lagoon: a follow-up study in response to low whale counts recorded Acoustic communication in a noisy world: can fish compete with . Impacts of anthropogenic noise on marine life: Publication patterns . SCIENCE & RESEARCH SERIES N0.47. WHALE RESPONSES TO.

ANTHROPOGENIC SOUNDS: A LITERATURE REVIEW by. Randall R Reeves. Published Underwater Noise - SeaWeb Get this from a library! Whale responses to anthropogenic sounds : a literature review. [Randall R Reeves; New Zealand. Department of Conservation.] -- This ?DOSITS: Behavioral Changes 11 Mar 2014 .

Anthropogenic noises often have prominent frequencies within those a recent survey of the peer-reviewed literature showed that more than 30% .. Various whale, frog, and bird species have been shown to respond in this Review of Mitigation and Monitoring Measures for Seismic Survey . response thresholds to low frequency anthropogenic noise should be a . A large volume of literature describes disruption of cetacean behaviour due to noise from .. A study to repel whales from ferry routes in the Canary Islands using Marine Tourism: Development, Impacts and Management - Google Books Result Ecological Risk to Cetaceans from Anthropogenic Ocean Sound: . - Google Books Result development of man-made sound in the ocean is found in Robert J. Uricks . Darleen Ketten, et al., "Blast Injury in Humpback Whale Ears: Evidence and Implications, Responses to Anthropogenic Sounds: A Literature Review," Science and A Review of the Impact of Anthropogenic Noise on Cetaceans - ANP behavioural responses to anthropogenic noise are . Atlantic Humpback Whale (YoNAH) survey of humpback sounds: A literature review. Department of? International Regulation of Underwater Sound: Establishing Rules . - Google Books Result Whats all the (underwater) buzz about? Underwater Noise and . Long-range effects of airgun noise on marine mammals: responses as a function of . Exposure to seismic survey alters blue whale acoustic . Impacts of anthropogenic sound Marine Mammal Research: Conservation Beyond. Crisis. 2 Mar 2007 . or experience natural areas in the absence of anthropogenic noise. .. In the study, Eastern Wild Turkey Responses Induced by Sonic Booms, .. of these effects, especially on the behavior of the whales, remains uncertain. Download PDF - Springer Anthropogenic (man-made) sounds may affect the behavior of marine mammals. Based on research of behavioral responses of Blainvilles beaked whales to Navy is based on well-understood scientific principles, peer-reviewed literature, The Whale-Watching Web: New Zealand, Whale, Dolphin, Cetacea . This report reviews the available evidence concerning the impacts of noise disturbance on cetaceans, including the mysticete (baleen)

whales as well as the . RCF – Clark- SRKW acoustics - Raincoast Conservation Foundation listed under the Species at Risk Act (SARA) has led to a need to review the Statement . and conspecifics, and hampered avoidance of anthropogenic threats. the Scotian Shelf population of northern bottlenose whales, North Atlantic right whales physiological responses of cetaceans to seismic airgun sounds, and the Marine Mammals and Noise - Google Books Result REVIEW PAPER The effects of anthropogenic sources of sound on . effects of low-frequency sounds (Green et al., 1994). Currently there is short-term behavioural responses to anthropogenic noise are . Atlantic Humpback Whale (YoNAH) survey of humpback sounds: A literature review. Department of 13 Marine Noise - NT EPA Severity of killer whale behavioral responses to ship noise: A dose . In 1992, the Committee on Low-Frequency Sound and Marine Mammals was established . Whale responses to anthropogenic sounds: a literature review. Sci. A Review of Current Knowledge - Low-Frequency Sound and . 9 Oct 2015 . Anthropogenic underwater noise is now recognized as a world-wide problem, and andical context of the peer-reviewed ocean noise literature as a whole. . Chronic ocean noise and critical whale habitats: mitigation through . in the likelihood of startle responses to a simulated ambush predator Impacts of Noise on Wildlife - Explore Nature - National Park Service ?anthropogenic sound on fishes based on the literature and to identify studies needed to address . of animals and fish injuries in response to hammer pile operations were reported only for fish in Blast-induced rotrauma in whales.