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| Alongi, G.C., T.A. Helble, R.A. Guazzo, S.W. Martin, C.R. Martin, and E.E. Henderson. (2024). Strengths and weaknesses of using DCLDE algorithms to track baleen whales and examine their behavior using long-term acoustic recordings with a large-scale hydrophone array. Detection, Classification, Localization, and Density Estimation (DCLDE) of Marine Mammals Workshop. June 3-7, 2024. Rotterdam, The Netherlands. |
| Barratclough, A., Takeshita, R., Thomas, L., Photopoulou, T., Pirotta, E., Rosel, P.E., Wilcox Talbot, L.A., Vollmer, N.L., Wells, R., Smith, C.R., Rowles, T.K., Horvath, S., and Schwacke, L. (2024). Estimating age and investigating epigenetic changes related to health across multiple bottlenose dolphin populations. Biological Conservation, 293: 110570. |
| Bowman, V., Jenkins, K.A., Dahl, P.H., Kotecki, S.E., Casper, B.M., Boerger, C., Smith, M.E. and Popper, A.N. (2024). Injuries to Pacific mackerel (Scomber japonicus) from underwater explosions. ICES Journal of Marine Science, Volume 81, Issue 8, October 2024, Pages 1685–1695, https://doi.org/10.1093/icesjms/fsae116. |
| Branstetter, B., Felice, M., Robeck, T., Holt, M.M., and Henderson, E.E. (2024). Auditory masking of tonal and conspecific signals by continuous active sonar, amplitude modulated noise, and Gaussian noise in killer whales (Orcinus orca). Journal of the Acoustical Society of America, 156(4): 2527-2537. |
| Bukoski, A., Downs, J., Hodgson, D.S., Le-Bert, C.R., Thomen, R., Flors, L., Thombs, L., and Bailey, J. (2024). Cardiopulmonary effects of apneustic anesthesia ventilation in anesthetized pigs: A new mode of ventilation for anesthetized veterinary species. Anesthesiology and Animal Pain Management, 11: 1378617. |
| Christman, K.A., Finneran, J.J., Merk, S., Mulsow, J., Houser, D.S. and Gentner, T.Q. (2024). Differences between a successive versus simultaneous range discrimination task in an echolocating bottlenose dolphin (Tursiops truncatus). The Journal of the Acoustical Society of America, 156(6): 3852-3861. |
| Christman, K.A., Finneran, J.J., Mulsow, J., and Houser, D.S., and Gentner, T.Q. (2024). The effects of range and echo-phase on range resolution in bottlenose dolphins (Tursiops truncatus) performing a successive comparison task. The Journal of the Acoustical Society of America, 155(1): 274-283. |
| Finneran, J.J., Lally, K., Mulsow, J. and Houser, D.S. (2024). Dolphin short-term auditory fatigue and self-mitigation. The Journal of the Acoustical Society of America, 155(3): 2241-2246. |
| Greenfield-Feig, M.R., Meegan, J.M., McClain, A.M., Brodie, E.C., Stacy, N.I., Le-Bert, C.R., and Jensen, E.D. (2024). Blood gas data in healthy Atlantic bottlenose dolphins (Tursiops truncatus). Presented at International Association for Marine Mammal Medicine, May 19-23, 2024, Galway, Ireland. |
| Gruden, P., Nosal, E-M., and Henderson, E.E. (2024). Automated acoustic tracking of a sperm whale (Physeter macrocephalus) using a wide baseline array of sensors. 27th International Conference on Information Fusion (FUSION). July 7-11, 2024. Venice, Italy. |
| Guazzo, R.A., Stevenson, D.L., Edell, M.K., Gagnon, G.J., and Helble, T.A. (2024). A decade of change and stability for fin whale song in the North Atlantic. Frontiers in Marine Science, 11, 1278068. |
| Helble, T.A., Alongi, G.C., Guazzo, R.A., Allhusen, D.R., Martin, C.R., Martin, S.W., Durbach, I.N., and Henderson, E.E. (2024). Swimming and acoustic calling behavior attributed to Bryde’s whales in the central North Pacific. Frontiers in Marine Science, 11, 1305505. |
| Henderson, E.E., Cárdenas Hinososa, G., Huerta Patiño, R., Arcos Díaz, J., Martínez Aguilar, S., Pitman, R., and Barlow, J. (2024). Summary report on the 2023 collaborative beaked whale cruise off Baja California, Mexico. NIWC Pacific Technical Report 3346. |
| Henderson, E.E., Baird, R.W., Martin, C.R., Kratofil, M.A., Harnish, A.E., Martin, S.W., and Southall, B.L. (2024). Behavioral response of Blainville’s beaked whales (Mesoplodon densirostris) to U.S. Navy training activity. 8th International Bio-Logging Science Symposium. 4 – 8 March, 2024. Tokyo, Japan. |
| Henderson, E.E., Gomez, F., Rojas-Bracho, L., Smith, C., Jaramillo-Legorreta, A., D’Angelo, B., Valdivia, T., Taylor, B., Mesnick, S., Benham, P., Martz, K., Dalo, M., Nowell, K., Moore, M.J., Helble, T., Towns, V., Sanjurjo, E., Bauer, B., & Grenzeback, R. (2024). Operation Esperanza: Hope for the endangered vaquita. 25th Biennial Conference on the Biology of Marine Mammals. 11-15 November, 2024, Perth, Australia. |
| Holmes, A.E., Chew, B.H., Laughlin, R., Buckley, J., Kiewice, E., Dancel, M.J., Blasko, D., Wong, V.K.F., Halawani, A., Koo, K.C., Corl, D., Fasolo, P., Levy, O., Thiel, J., Bailey, M.R., Eichman, J., Meegan, J.M., & Haulena, M. (2024). Application of novel burst wave lithotripsy and ultrasonic propulsion technology for the treatment of ureteral calculi in a bottlenose dolphin (Tursiops truncatus) and renal calculi in a harbor seal (Phoca vitulina). Urolithiasis, 52(21). |
| Houser, D.S. and Mulsow, J. (2024). Acoustics. In M. A. Castellini and J. A. E. Mellish (Eds.), Marine mammal physiology: Requisites for ocean living. 2nd Edition (pp. 117-136). Boca Raton: CRC Press. |
| Houser, D.S., Kvadsheim, P.H., Kleivane, L., Mulsow, J., Ølberg, R.A., Harms, C.A., Teilmann, J., and Finneran, J.J. (2024). Direct hearing measurements in a baleen whale suggest ultrasonic sensitivity. Science, 386: 902-906. |
| Houser, D.S., Kvadsheim, P.H., Kleivane, L., Mulsow, J., Ølberg, R.A., Harms, C.A., Teilmann, J., and Finneran, J.J. (2024). First evoked potential hearing test performed in a minke whale. Presented at 25th Biennial Conference on the Biology of Marine Mammals (Perth, Australia, 11 – 15 November 2024). |
| Jones, B., Sportelli, J., McClain, A., and Karnowski, J. (2024). Dolphin health classification from whistle features using machine learning. Presented at the Society of Marine Mammology, 11-15 November, 2024, Perth, Western Australia. |
| Jones, B., Sportelli, J., Karnowski, J., McClain, A., Cardoso, D., and Du, M. (2024). Dolphin health classifications from whistle features. Journal of Marine Science and Engineering, 12, 2158. |
| Jones, B.L., Randich, J., and Rainey, K. (2024). Feasibility of leveraging DAS for Arctic undersea monitoring, Technical Report, 3363. |
| Kleivane, L., Kvadsheim, P. H., Vinje, A. V. P., Mulsow, J., Olberg, R. A., Teilmann, J., Harms, C. and Houser, D. (2024). Capture and release of minke whales offers new research opportunities including measurements of mysticete hearing. Aquatic Mammals, 50: 352-368. |
| Krucick, D.D.R, Kendall-Bar, J., Von Stein, E.L., Linnehan, B.K., Field, C., Costa, D.P., and Buckmaster, P.S. (2024). Untethered EEG recording in California sea lions (Zalophus californianus) to detect spontaneous seizures. Presented at the International Association for Marine Mammal Medicine, May 19-23, 2024, Galway, Ireland. |
| Le-Bert, C.R., Bukoski, A., Downs, J., Hodgson, D.S., Thombs, L., Ridgway, S.H., & Bailey, J. (2024). Apneustic anesthesia ventilation improves pulmonary function in anesthetized bottlenose dolphins (Tursiops truncatus). Frontiers in Veterinary Science, 11: 1287478. |
| Le‐Bert, C.R., Mitchell, G.S., and Reznikov, L.R. (2024). Cardiopulmonary adaptations of a diving marine mammal, the bottlenose dolphin: Physiology during anesthesia. Physiological Reports, 12(17): e16183. |
| Linnehan, B.K., Kodera, S.M., Allard, S.M., Brodie, E.C., Allaband, C., Knight, R., Lutz, H.L., Carroll, M.C., Meegan, J.M., Jensen, E.D., & Gilbert, J.A. (2024). Evaluation of the safety and efficacy of fecal microbiota transplantations in bottlenose dolphins (Tursiops truncatus) using metagenomic sequencing. Journal of Applied Microbiology, 135(2): Ixae026. |
| Linnehan, B.K., McClain, A.M., Eichman, J.J., Middleton, J.L., and Hsu, A. (2024). Cardiac assessments in managed California sea lions (Zalophus californianus): Echocardiographic parameters in awake sea lions, vertebral heart scores, and cardiac troponin I concentrations. Presented at the International Association for Marine Mammal Medicine, May 19-23, 2024, Galway, Ireland. |
| Linnehan, B.K., Breeden, E.L., Smith, L.D., Adams, C.J., Remer, J.D., Hsu, A., and Virgilio, K.M. (2024). Development and applications of a wireless, mobile electrocardiogram for bottlenose dolphins in the marine environment: The submersible wireless marine mammal monitor (SWiM3). Presented at the International Association for Marine Mammal Medicine, May 19-23, 2024, Galway, Ireland. |
| Linnehan, B.K., Lesman, S.P., Boucher, J.F., Grover, G.S., Brodie, E.C., Meegan, J.M., McClain, A.M., Ross, K.P., and Jensen, E.D. (2024). Population pharmacokinetics of cefpodoxime in bottlenose dolphins (Tursiops truncatus). Journal of Zoo and Wildlife Medicine, 55(3), pp. 611-619. |
| Martin C.R., Henderson, E.E., Baird, R.W., Kratofil, M.A. and Martin, S.W. (2024). Rough-toothed dolphin exposures to U.S. Navy mid-frequency active sonar at the Pacific missile range facility, Hawai‘i. Virtual presentation at Detection, Classification, Localization, and Density Estimation (DCLDE) of Marine Mammals Workshop. June 3-7, 2024. Rotterdam, The Netherlands. |
| Martin, C.R., Henderson, E.E., Martin, S.W., Helble, T.A., Alongi, G.C. and Guazzo, R.A. (2024). FY23 annual report on Pacific missile range facility marine mammal monitoring. Naval Information Warfare Center Pacific. |
| McClain, A.M., Gomez, F.M., Ross, K.P., Meegan, J.M., Ivancic, M., Linnehan, B.K., Thomas, K.E., and Jensen, E.D. (2024). Positive-contrast Barium gastrointestinal imaging of the bottlenose dolphin (Tursiops truncatus): A case series. Presented at International Association for Marine Mammal Medicine, May 19-23, 2024, Galway, Ireland. |
| McCullough, J.L., Henderson, E.E., Trickey, J.S., Barlow, J., Baumann‐Pickering, S., Manzano‐Roth, R., Alongi, G., Martin, S., Fregosi, S., Mellinger, D.K., and Klinck, H. (2024). Geographic distribution of the Cross Seamount beaked whale based on acoustic detections. Marine Mammal Science, 40(1), 164-183. |
| Meegan, J., Ross, K., Gildea, T., Linnehan, B., McClain, A., and Jensen, E. (2024). Evaluation of mobile 2D and 3D C-arm technology (Siemens Cios Spin) for diagnostic imaging applications with bottlenose dolphins (Tursiops truncatus) and a California sea lion (Zalophus californianus). Presented at International Association for Marine Mammal Medicine, May 19-23, 2024, Galway, Ireland. |
| Merk, S., Rodriguez, M., Christman, K.A., Espinoza, C., Mulsow, J., and Finneran, J.J. (2024). A mind blowing ability: Mental representation of object shape by echolocating dolphins. Presented at International Marine Animal Trainers’ Association (San Antonio, TX, 7 – 11 April, 2024). |
| Mulsow, J., Accomando, A.W., Christman, K.A., Houser, D.S. and Finneran, J.J. (2024). Discrimination of double-click synthetic echoes by bottlenose dolphins: Effects of inter-highlight interval and phase. The Journal of the Acoustical Society of America, 156(3): 1973-1984. |
| Ramos, A., Roberts, D., Winship, K., and Xitco, M. (2024). Using computerized, cognitive enrichment to engage California sea lions and gain insight into individual differences in learning processes. Presented at European Association for Aquatic Mammals, March 12th – 15th , 2024, Loro Parque, Tenerife, Spain. |
| Ross, K., Meegan, J., Miller, R., Gildea, T., Cheng, G., Le-Bert, C.R., Bailey, J., Balko, J., and Jensen, E. (2024). Management of complex airway stenosis in bottlenose dolphins (Tursiops truncatus) with interventional radiology and pulmonology techniques: A case series. Presented at International Association for Marine Mammal Medicine, May 19-23, 2024, Galway, Ireland. |
| Sacco, R. E., Jensen, E. D., Sullivan, Y. B., LaBresh, J., & Davis, W. C. (2024). An update on the development of a bottlenose dolphin, Tursiops truncatus, immune reagent toolkit. Veterinary Immunology and Immunopathology, 272: 110769. |
| Smith, C., Gomez, F., Ross, K., Moore, M.J., Petersen, B., Welch, E., Friend, M., Takeshita, R., and Schwacke, L. (2024). Development of a minimally-invasive blood collection device for cetaceans. Presented at the Society of Marine Mammaology, 11-15 November, 2024, Perth, Western Australia. |
| Sportelli, J.J., Heimann, K.M., and Jones, B.L. (2024). Moderate anthropogenic noise exposure does not affect Navy bottlenose dolphin (Tursiops truncatus) whistle rates. Journal of Marine Science and Engineering, 12(3), 441. |
| Stone, H. M., Unal, E., Romano, T.A., and Turner, P.E. (2024). Beluga whale and bottlenose dolphin ACE2 proteins allow cell entry mediated by spike protein from three variants of SARS-CoV-2. Biology Letters, 19(12), 20230321. |
| U.S. Department of the Navy. (2024). Criteria and thresholds for U.S. Navy acoustic and explosive effects analysis (phase IV). San Diego, CA: Naval Information Warfare Center, Pacific. September 2024. |
| Von Stein, E., Krucik, D., Kendall-Bar, J., Linnehan, B., Field, C., Costa, D., and Buckmaster, P. (2024). Untethered long term EEG monitoring in California sea lions (Zalophus californianus). Presented at American Epilepsy Society, Los Angeles, CA, 06 December 2024. |
| Winship, K., McClain, A., Ramos, A., Dunham, J., & Xitco Jr., M. (2024). Health and welfare benefits of computerized cognitive enrichment in California sea lions (Zalophus californianus) at the US Navy Marine Mammal Program. Animals, 14(7), 1120. |