

Fishes 2004

(includes publications since the last list and some that were not included in the last list)

Compiled by P. Hansen

Amorim, M. C. P. & Almada, V. (2002). Sound production and associated behaviour in the cichlid *Oreochromis mossambicus*. *Bioacoustics*, **13**, 92-93.

Au, W. W. L., Ford, J. K. B., Horne, J. K. & Alman, K. A. N. (2004). Echolocation signals of free-ranging killer whales (*Orcinus orca*) and modeling of foraging for chinook salmon (*Oncorhynchus tshawytscha*). *J. Acoust. Soc. Am.*, **115**, 901-909.

Bart, A. N., Clark, J., Young, J. & Zohar, Y. (2001). Underwater ambient noise measurements in aquaculture systems: a survey. *Aquacult. Engin.*, **25**, 99-110.

Bass, A. H. & McKibben, J. R. (2003). Neural mechanisms and behaviors for acoustic communication in teleost fish. *Prog. Neurobiol.*, **69**, 1-26.

Casper, B. M., Lobel, P. S. & Yan, H. Y. (2003). The hearing sensitivity of the little skate, *Raja erinacea*: A comparison of two methods. *Environ. Biol. Fish.*, **68**, 371-379.

Connaughton, M. A. (2004). Sound generation in the searobin (*Prionotus carolinus*), a fish with alternate sonic muscle contraction. *J. Exp. Biol.*, **207**, 1643-1654.

Coombs, R. F. & Barr, R. (2004). Acoustic remote sensing of swimbladder orientation and species mix in the oreo population of the Chatham Rise. *J. Acoust. Soc. Am.*, **115**, 1516-1524.

Costantini, M. & Spoto, M. (2002). Assessment of man-made underwater noise impact on a population of gobids in a marine protected area. *Bioacoustics*, **13**, 95-96.

Edds-Walton, P. L., Mangiamele, L. A. & Rome, L. C. (2002). Variations of pulse repetition rate in boatwhistle sounds from oyster toadfish *Opsanus tau* around Waquoit Bay, Massachusetts. *Bioacoustics*, **13**, 153-173.

Fine, M. L., Malloy, K. & Mitchell, S. (2002). Why are toadfish sonic muscles so fast? *Bioacoustics*, **13**, 83.

Fine, M. L., Schrinel, J. & Cameron, T. M. (2004). The effect of loading on disturbance sounds of the Atlantic croaker *Micropogonius undulatus*: Air versus water. *J. Acoust. Soc. Am.*, **116**, 1271-1275.

Finneran, J. J., Oliver, C. W., Schaefer, K. M. & Ridgway, S. H. (2000). Source levels and estimated yellowfin tuna (*Thunnus albacares*) detection ranges for dolphin jaw pops, breaches and tail slaps. *J. Acoust. Soc. Am.*, **107**, 649-656.

Francis, D. T. I. & Foote, K. G. (2003). Depth-dependent target strengths of gadoids by the boundary-element method. *J. Acoust. Soc. Am.*, **114**, 3136-3146.

Fujieda, S., Matsuno, Y., Yamanaka, Y., Chung, Y. & Kishimoto, C. (1993). Feature of the swimming sound for fishes in the netting cages at the culture ground. *Mem. Fac. Fish. Kagoshima Univ.*, **42**, 1-19.

Goodson, J. L., Evans, A. K. & Bass, A. H. (2003). Putative isotocin distributions in sonic fish: Relation to vasotocin and vocal-acoustic circuitry. *J. Comp. Neurol.*, **462**, 1-14.

Hawkins, A. D. & Amorim, M. C. P. (2002). Courthip sounds of the haddock. *Bioacoustics*, **13**, 92.

Heyd, A. & Pfeiffer, W. (2000). Sound production in catfish (Siluroidei, Ostariophysi, Teleostei) and its relationship to phylogeny and fright reaction. Review. *Revue Suisse Zool.*, **107**, 165-211 (German).

Kaatz, I. M. & Lobel, P. S. (1999). Acoustic behavior and reproduction in five species of *Corydoras* catfishes (Family Callichthyidae). *Biol. Bull.*, **197**, 241-242.

- Kaatz, I. M. & Lobel, P. S. (2001). A comparison of sounds recorded from a catfish (*Orinocodoras eigenmanni*, Doradidae) in an aquarium and in the field. *Biol. Bull.*, **201**, 278-280.
- Kaatz, I. M. & Stewart, D. S. (1997). The evolutionary origin and functional divergence of sound production in catfishes: stridulation mechanisms. *J. Morphol.*, **232**, 272.
- Kaparang, F. E., Matsuno, Y., Yamanaka, Y. & Fujieda, S. (1999). Studies on underwater sounds produced by Japanese horse mackerel *Trachurus japonicus* in net pens at culture grounds in innermost Kagoshima Bay. *Fish. Sci.*, **65**, 398-404.
- Lagerdere, J. P. & Mallekh, R. (2000). Feeding sounds of turbot (*Scophthalmus maximus*) and their potential use in the control of food supply in aquaculture. I. Spectrum analysis of the feeding sounds. *Aquaculture*, **189**, 251-258.
- Leis, J. M., Carson-Ewart, B. M., Hay, A. C. & Cato, D. H. (2003). Coral-reef sounds enable nocturnal navigation by some reef-fish larvae in some places and at some times. *J. Fish Biol.*, **63**, 724-737.
- Lugli, M. & Fine, M. L. (2003). Acoustic communication in two freshwater gobies: Ambient noise and short-range propagation in shallow streams. *J. Acoust. Soc. Am.*, **114**, 512-521.
- Lugli, M., Pavan, G. & Torricelli, P. (2004). The response of the male freshwater goby to natural and synthetic male courtship sound playback following exposure to different female sexual stimuli. *Ethol. Ecol. Evol.*, **16**, 55-70.
- Lugli, M., Yan, H. Y. & Fine, M. L. (2002). A match between sound production, hearing and environmental transmission in two freshwater gobies. *Bioacoustics*, **13**, 86-87.
- Malavasi, S., Torricelli, P., Lugli, M., Pranovi, F. & Mainardi, D. (2003). Male courtship sounds in a Teleost with alternative reproductive tactics, the grass goby, *Zosterisessor ophiocephalus*. *Environ. Biol. Fish.*, **66**, 231-236.
- Mallekh, R., Lagardere, J. P., Eneau, J. P. & Cloutour, C. (2003). An acoustic detector of turbot feeding activity. *Aquaculture*, **221**, 481-489.
- Mann, D. A. & Jarvis, S. M. (2004). Potential sound production by a deep-sea fish. *J. Acoust. Soc. Am.*, **115**, 2331-2333.
- Parmentier, E., Gennotte, V., Focant, B., Goffinet, G. & Vandewalle, P. (2003). Characterization of the primary sonic muscles in *Carapus acus* (Carapidae): a multidisciplinary approach. *Proc. R. Soc. Lond., B.*, **270**, 2301-2308.
- Sisneros, J. A. & Bass, A. H. (2003). Seasonal plasticity of peripheral auditory frequency sensitivity. *J. Neurosci.*, **23**, 1049-1058.
- Sisneros, J. A., Forlano, P. M., Deitcher, D. L. & Bass, A. H. (2004). Steroid-dependent auditory plasticity leads to adaptive coupling of sender and receiver. *Science*, **305**, 404-407.
- Stadler, J. H. (2002). Evidence for a hydrodynamic mechanism of sound production by courting males of the notchtongue goby, *Bathygobius curacao* (Metzelaar). *Bioacoustics*, **13**, 145-152.
- Suga, T., Kawabe, R., Hiraishi, T. & Nashimoto, K. (2004). Sound pressure values in the audiogram of marbled sole *Pleuronectes yokohamae* measured in air. *Fish. Sci.*, **70**, 33-40.
- Thorson, R. F. & Fine, M. L. (2002). Acoustic competition in the gulf toadfish *Opsanus beta*: Acoustic tagging. *J. Acoust. Soc. Am.*, **111**, 2302-2307.
- Thorson, R. F. & Fine, M. L. (2002). Crepuscular changes in emission rate and parameters of the boatwhistle advertisement call of the gulf toadfish, *Opsanus beta*. *Envir. Biol. Fish.*, **63**, 321-331.

- Tolimieri, N., Haine, O., Jeffs, A., McCauley, R. & Montgomery, J. (2004). Directional orientation of pomacentrid larvae to ambient reef sound. *Coral Reefs*, **23**, 184-191.
- Tolstoganova, L. K. (2002). Correlation between acoustic activity and the environment and the fish disorder state in beluga *Huso huso* juveniles. *Bioacoustics*, **13**, 98.
- Tolstoganova, L. K. (2002). Acoustic activity of Russian sturgeon. *Bioacoustics*, **13**, 79-80.
- Vester, H. I., Folkow, L. P. & Blix, A. S. (2004). Click sounds produced by cod (*Gadus morhua*). *J. Acoust. Soc. Am.*, **115**, 914-919.
- Wahlberg, M. & Westerberg, H. (2003). Sounds produced by herring (*Clupea harengus*) bubble release. *Aquat. Liv. Res.*, **16**, 271-275.
- Weeg, M. S. & Bass, A. H. (2002). Frequency response properties of lateral line superficial neuromasts in a vocal fish, with evidence for acoustic sensitivity. *J. Neurophysiol.*, **88**, 1252-1262.
- Weeg, M. S., Fay, R. R. & Bass, A. H. (2002). Directionality and frequency tuning of primary saccular afferents of a vocal fish the plainfin midshipman (*Porichthys notatus*). *J. Comp. Physiol., A.*, **188**, 631-641.
- Yan, H. Y., Fine, M. L., Horn, N. S. & Colon, W. E. (2002). Variability in the role of the gasbladder in fish audition. *Bioacoustics*, **13**, 84.
- Zelick, D. D., Mann, D. A. & Popper, A. N. (1999). Acoustic communication in fishes and frogs. In *Comparative Hearing: Fish and Amphibians*. Springer Handbook of Auditory Research, vol. 11 (R. R. Fay and A. N. Popper, eds.). Springer; New York, Berlin, Heidelberg, pp. 363-411.