

## Scholarly Literature

- Anderson, R. C., & Wood, J. B. (2001). Enrichment for Giant Pacific Octopuses: Happy as a Clam? *Journal of Applied Animal Welfare Science*, 4(2), 157–168.  
[https://doi.org/10.1207/S15327604JAWS0402\\_10](https://doi.org/10.1207/S15327604JAWS0402_10)
- Berry, A., Vitale, A., Carere, C., & Alleva, E. (2015). EU guidelines for the care and welfare of an “exceptional invertebrate class” in scientific research. *Annali Dell’Istituto Superiore Di Sanità*, 51, 267–269. [https://doi.org/10.4415/ANN\\_15\\_04\\_04](https://doi.org/10.4415/ANN_15_04_04)
- Browning, H. (2019). What is good for an octopus? *Animal Sentience*, 4(26).  
<https://doi.org/10.51291/2377-7478.1476>
- Butler-Struben, H. M., Brophy, S. M., Johnson, N. A., & Crook, R. J. (2018). In Vivo Recording of Neural and Behavioral Correlates of Anesthesia Induction, Reversal, and Euthanasia in Cephalopod Molluscs. *Frontiers in Physiology*, 9.  
<https://doi.org/10.3389/fphys.2018.00109>
- Crook, R. J., & Walters, E. T. (2011). Nociceptive Behavior and Physiology of Molluscs: Animal Welfare Implications. *ILAR Journal*, 52(2), 185–195.  
<https://doi.org/10.1093/ilar.52.2.185>
- Di Cristina, G., Andrews, P., Ponte, G., Galligioni, V., & Fiorito, G. (2015). The impact of Directive 2010/63/EU on cephalopod research. *Invertebrate Neuroscience*, 15(4), 8.  
<https://doi.org/10.1007/s10158-015-0183-y>
- Drinkwater, E., Robinson, E. J. H., & Hart, A. G. (2019). Keeping invertebrate research ethical in a landscape of shifting public opinion. *Methods in Ecology and Evolution*, 10(8), 1265–1273. <https://doi.org/10.1111/2041-210X.13208>

- Fiorito, G., Affuso, A., Basil, J., Cole, A., de Girolamo, P., D'Angelo, L., Dickel, L., Gestal, C., Grasso, F., Kuba, M., Mark, F., Melillo, D., Osorio, D., Perkins, K., Ponte, G., Shashar, N., Smith, D., Smith, J., & Andrews, P. L. (2015). Guidelines for the Care and Welfare of Cephalopods in Research –A consensus based on an initiative by CephRes, FELASA and the Boyd Group. *Laboratory Animals*, 49(2\_suppl), 1–90.  
<https://doi.org/10.1177/0023677215580006>
- Holst, M. M., & Miller-Morgan, T. (2020). The Use of a Species-Specific Health and Welfare Assessment Tool for the Giant Pacific Octopus, *Enteroctopus dofleini*. *Journal of Applied Animal Welfare Science*, 0(0), 1–20.  
<https://doi.org/10.1080/10888705.2020.1809412>
- Lopes, V. M., Sampaio, E., Roubledakis, K., Tanaka, N. K., Carulla, L., Gambús, G., Woo, T., Martins, C. P. P., Penicaud, V., Gibbings, C., Eberle, J., Tedesco, P., Fernández, I., Rodríguez-González, T., Imperadore, P., Ponte, G., & Fiorito, G. (2017). Cephalopod biology and care, a COST FA1301 (Cephs In Action) training school: Anaesthesia and scientific procedures. *Invertebrate Neuroscience*, 17(3), 8.  
<https://doi.org/10.1007/s10158-017-0200-4>
- Mather, J. (2019). What is in an octopus's mind? *Animal Sentience*, 4(26).  
<https://doi.org/10.51291/2377-7478.1370>
- Mather, J. A. (2019). Ethics and Care: For Animals, Not Just Mammals. *Animals*, 9(12), 1018. <https://doi.org/10.3390/ani9121018>
- Moltschaniwskyj, N. A., Hall, K., Lipinski, M. R., Marian, J. E. A. R., Nishiguchi, M., Sakai, M., Shulman, D. J., Sinclair, B., Sinn, D. L., Staudinger, M., Van Gelderen, R., Villanueva, R., & Warnke, K. (2007). Ethical and welfare considerations when using cephalopods as experimental animals. *Reviews in Fish Biology and Fisheries*, 17(2–3), 455–476. <https://doi.org/10.1007/s11160-007-9056-8>

- Neff, E. P. (2019). Considering the cephalopod. *Lab Animal*, 48(1), 19–22.  
<https://doi.org/10.1038/s41684-018-0199-0>
- O'Brien, C. E., Roumbedakis, K., & Winkelmann, I. E. (2018). The Current State of Cephalopod Science and Perspectives on the Most Critical Challenges Ahead From Three Early-Career Researchers. *Frontiers in Physiology*, 9.  
<https://doi.org/10.3389/fphys.2018.00700>
- Ponte, G., Andrews, P., Galligioni, V., Pereira, J., & Fiorito, G. (2019). Cephalopod Welfare, Biological and Regulatory Aspects: An EU Experience. In C. Carere & J. Mather (Eds.), *The Welfare of Invertebrate Animals* (pp. 209–228). Springer International Publishing. [https://doi.org/10.1007/978-3-030-13947-6\\_9](https://doi.org/10.1007/978-3-030-13947-6_9)
- Scimeca, J. M. (2021). Cephalopods. In *Invertebrate Medicine 3rd edition*. John Wiley & Sons, Ltd. [*n.b: the chapter in the University of Puget Sound resource folder is from the 2011 2nd edition; 3rd edition available for reference through IACUC consulting veterinarian*]
- Tonkins, B. M., Tyers, A. M., & Cooke, G. M. (2015). Cuttlefish in captivity: An investigation into housing and husbandry for improving welfare. *Applied Animal Behaviour Science*, 168, 77–83. <https://doi.org/10.1016/j.applanim.2015.04.004>
- Vidal, E. A. G., Villanueva, R., Andrade, J. P., Gleadall, I. G., Iglesias, J., Koueta, N., Rosas, C., Segawa, S., Grasse, B., Franco-Santos, R. M., Albertin, C. B., Caamal-Monsreal, C., Chimal, M. E., Edsinger-Gonzales, E., Gallardo, P., Le Pabic, C., Pascual, C., Roumbedakis, K., & Wood, J. (2014). Cephalopod Culture: Current Status of Main Biological Models and Research Priorities. In E. A. G. Vidal (Ed.), *Advances in Marine Biology* (Vol. 67, pp. 1–98). Academic Press. <https://doi.org/10.1016/B978-0-12-800287-2.00001-9>
- Yasumuro, H., & Ikeda, Y. (2011). Effects of environmental enrichment on the behavior of the tropical octopus *Callistoctopus aspilosomatis*. *Marine and Freshwater Behaviour and Physiology*, 44(3), 143–157. <https://doi.org/10.1080/10236244.2011.598643>

- Yasumuro, H., & Ikeda, Y. (2018). Environmental enrichment affects the ontogeny of learning, memory, and depth perception of the pharaoh cuttlefish *Sepia pharaonis*. *Zoology*, 128, 27–37. <https://doi.org/10.1016/j.zool.2018.05.001>

## Husbandry Literature

- AZA Aquatic Invertebrate Taxon Advisory Group (AITAG). (2014). *Giant Pacific Octopus (Enteroctopus dofleini) Care Manual*. Association of Zoos and Aquariums.
- Nolen, R. S. (2015, June). *Scary smart*. American Veterinary Medical Association. <https://www.avma.org/javma-news/2015-07-15/scary-smart>
- Helmer, P. (2019, January). *Defying Classification: Cephalopods in Research*. The PhDISH. <http://www.phdish.com/blog/defying-classification-cephalopods-in-research>
- Rehling, M. (2001). Octopus Enrichment Techniques. *Drum & Croaker*, 32, 8–14.
- Slater, M., & Buttlng, O. (2011). *Management Guidelines for the Welfare of Zoo Animals: The Giant Pacific Octopus Enteroctopus dofleini*. British and Irish Association for Zoos and Aquariums.