

1. Record Nr.	UNINA9910416109903321
Titolo	The Welfare of Fish // edited by Tore S. Kristiansen, Anders Fernö, Michail A. Pavlidis, Hans van de Vis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-41675-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVI, 515 p. 89 illus., 59 illus. in color.)
Collana	Animal Welfare, , 1572-7408 ; ; 20
Disciplina	636.0832
Soggetti	Physiology Veterinary medicine Zoology Ecology Animal Physiology Veterinary Medicine/Veterinary Science Peixos Benestar dels animals Influència de l'home en la natura Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chpater 1. Introduction -- Chapter 2. A brief look into the origins of fish welfare science -- Chapter 3. Ethics and the Welfare of Fish -- Chapter 4. The Diverse World of Fiishes -- Chapter 5. Fish behaviour: determinants and implications for welfare -- Chapter 6. The effects of early life experience on behavioural development in captive fish species -- Chapter 7. Fish brains: Anatomy, functionality and evolutionary relationships -- Chapter 8. Inside the Fish Brain - Cognition, Learning, and Consciousness -- Chapter 9. Awareness in fish -- Chapter 10. The predictive brain – perception turned upside down -- Chapter 11. Can fish experience pain? -- Chapter 12. How fish cope with stress -- Chapter 13. Individual Variations and Coping Style -- Chapter 14. Assessing Fish Welfare in Aquaculture -- Chapter 15. Welfare of farmed fish in different production systems and operations -- Chapter 16.

Ornamental fish and aquaria -- Chapter 17. Fish as laboratory animals -- Chapter 18. Catch Welfare in Commercial Fisheries -- Chapter 19. Fish welfare in capture-based aquaculture (CBA) -- Chapter 20. Fish welfare in recreational fishing -- Chapter 21. Impacts of human-induced pollution on wild fish welfare -- Chapter 22. What we have learned? .

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### Sommario/riassunto

This book investigates how fish experience their lives, their amazing senses and abilities, and how human actions impact their quality of life. The authors examine the concept of fish welfare and the scientific knowledge behind the inclusion of fish within the moral circle, and how this knowledge can change the way we treat fish in the future. In many countries fish are already protected by animal welfare legislation in the same way as mammals, but in practice there is still a major gap between how we ethically view these groups and how we actually treat them. The poor treatment of fish represents a massive animal welfare problem in aquaculture and fisheries, both in terms of the number of animals affected and the severity of the welfare issues. Thanks to its interdisciplinary scope, this thought-provoking book appeals to professionals, academics and students in the fields of animal welfare, cognition and physiology, as well as fisheries and aquaculture management. .

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