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Titolo	Health and welfare of captive reptiles // Clifford Warwick, Phillip C. Arena, Gordon M. Burghardt, editors
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ISBN	3-030-86012-4
Edizione	[Second edition.]
Descrizione fisica	1 online resource (637 pages)
Disciplina	639.39
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Physiology and Functional Anatomy -- Chapter 3. Sensory Systems -- Chapter 4. Biology of Stress -- Chapter 5. Normal Behaviour -- Chapter 6. Social Behaviour as a Challenge for Welfare -- Chapter 7. Brains, Behaviour, and Cognition: Multiple Misconceptions -- Chapter 8. Psychological and Behavioural Principles and Problems -- Chapter 9. Effects of Ontogeny, Rearing Conditions, and Individual Differences on Behaviour: Welfare, Conservation, and Invasive Species Implications -- Chapter 10. Controlled Deprivation and Enrichment -- Chapter 11. Effects of Noise and Light -- Chapter 12. Ethologically Informed Design and DEEP Ethology in Theory and Practice -- Chapter 13. Spatial and Thermal Factors -- Chapter 14. Nutritional Considerations -- Chapter 15. Naturalistic Versus Unnaturalistic Environments -- Chapter 16. Evidential Thresholds for Species Suitability in Captivity -- Chapter 17. Record Keeping as an Aid to Captive Care -- Chapter 18. Arbitrary Husbandry Practices and Misconceptions -- Chapter 19. Miscellaneous Factors.
Sommario/riassunto	This extensively revised and expanded new edition offers concepts, principles and applied information that relates to the wellbeing of reptiles. As a manual on health and welfare in a similar vein to volumes addressing the sciences of anatomy, behaviour or psychology, this book thoroughly examines the biology of reptile welfare and is about meeting biological needs. The editors, acknowledged experts in their own right, have once again drawn together an extremely impressive

international group of contributors. Positive and negative implications of general husbandry and research programs are discussed. In addition to greatly revised original content are nine new chapters offering readers novel insight into: • sensory systems • social behaviour • brain and cognition • controlled deprivation and enrichment • effects of captivity-imposed noise and light disturbance on welfare • spatial and thermal factors • evidential thresholds for species suitability in captivity • record keeping as an aid to captive care • arbitrary husbandry practices and misconceptions The authors have adopted a user-friendly writing style to accommodate a broad readership. Although primarily aimed at academic professionals, this comprehensive volume is fundamentally a biology book that will also inform all involved in captive reptile husbandry. Among others, zoo personnel, herpetologists, veterinarians, lab animal scientists, and expert readers in animal welfare and behavioural studies will benefit from this updated work.
