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Altri autori (Persone)	WatlingLes ThielMartin
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Nota di contenuto	Cover; Contents; 1. Comments on Crustacean Biodiversity and Disparity of Body Plans; 2. Evolution of Crustacean Appendages; 3. Mechanisms of Limb Patterning in Crustaceans; 4. The Crustacean Carapace: Morphology, Function, Development, and Phylogenetic History; 5. The Crustacean Integument: Structure and Function; 6. The Crustacean Integument: Setae, Setules, and Other Ornamentation; 7. Antennules and Antennae in the Crustacea; 8. Feeding and Digestive System; 9. Appendage Diversity and Modes of Locomotion: Walking; 10. Morphological Adaptations for Digging and Burrowing 11. Appendage Diversity and Modes of Locomotion: Swimming at Intermediate Reynolds Numbers 12. Swimming Fast and Furious: Body and Limb Propulsion at Higher Reynolds Numbers; 13. Adaptive Modification of Appendages for Grooming (Cleaning, Antifouling) and Reproduction in the Crustacea; 14. Circulatory System and Respiration; 15. Functional Anatomy of the Reproductive System; 16. Structure of the Nervous System: General Design and Gross Anatomy; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; X; Y; Z
Sommario/riassunto	Crustaceans are increasingly used as model organisms in all fields of biology, including neurobiology, developmental biology, animal

physiology, evolutionary ecology, biogeography, and resource management. One reason for the increasing use of crustacean examples is the wide range of phenotypes found in this group and the diversity of environments they inhabit; few other taxa exhibit such a variety of body shapes and adaptations to particular habitats and environmental conditions. A good overview of their functional morphology is essential to understanding many aspects of their biology. This vo

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