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Ostracoda; 3.1.2 Cypridina hilgendorffii Muller; 3.1.3 Research on Cypridina Luminescence before 1955; 3.1.4 Purification and Crystallization of Cypridina Luciferin; 3.1.5 Properties of Cypridina Luciferin; 3.1.6 Oxyluciferin and Etioluciferin; 3.1.7 Purification and Molecular Properties of Cypridina Luciferase; 3.1.8 Luciferin-luciferase Luminescence Reaction; 3.1.9 Quantum Yield  
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5.1 Discovery of Coelenterazine

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## Sommario/riassunto

This book, written by a distinguished scientist in the field, provides a comprehensive overview of the biochemical aspects of all luminous organisms currently known. It is the first and only book that provides chemical information on all known bioluminescence systems, in a single volume. Some 35 different types of bioluminescence organisms are discussed in 10 chapters. The descriptions include: a history of the discovery of luminescence substances such as luciferins, luciferases and photoproteins; the process of research, explaining how luminescent substances have been isolated and purified; t

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