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Nota di contenuto	Front Cover; Encyclopedia of Caves; Copyright Page; Contents; Contents by Subject Area; List of Contributors; Guide to the Encyclopedia; Subject Areas; Organization; Article Format; Cross-References; Bibliography; Index; Preface; A; Adaptation to Low Food; Introduction; Types of Food Scarcity; What to Feed in Caves; Food Input; Chemoautotrophy; Influence of Cave Type; Food-Finding; Appendages and Sensory Equipment; Behavior; Other Factors; Back to the Network; General Energy Demand; Aquatic Cave Animals; Terrestrial Cave Animals; Activity; Excitement and Aggression; The Conflicts of Body Size Ectothermy and NeotenyHypoxic Conditions; Character Reduction; Back to the Network; Life History Characters; Egg Size; Growth Rate; Longevity; A Case Study; Back to the Network; Periodic Starvation; Fat Accumulation; Energy Demand; Back to the Network; See Also the Following Articles; Bibliography; Adaptive Shifts; Theory of Adaptive Shift; Factors Underlying Adaptive Shifts into Cave Habitats; Intrinsic Factors; Preadaptation; Genetic Repertoire; Founder Events and

Subsequent Population Flush and Crash Cycles; Response to Stress; Mating Behavior and Hybridization; Extrinsic Factors  
 Presence of Cavernicolous Habitats Presence of Exploitable Food Resources; Environmental Stresses; Ancestral Habitats; Case Studies; Hawai'i; Cixiid Planthoppers (Hemiptera: Fulgoromorpha: Cixiidae); Terrestrial Isopods (Crustacea: Isopoda: Philosciidae); Crickets (Orthoptera: Gryllidae); Wolf Spiders (Arachnida: Lycosidae); Moths (Lepidoptera: Noctuidae); Other Islands; Continents; Conclusions; The Future; See Also the Following Article; Bibliography; Anchihaline (ANCHIALINE) Caves and Fauna; Geography and Some Historical Data; Cave Morphology and Hydrology  
 Noncrustacean Groups in the Anchihaline Fauna Anchihaline Crustacea; Biogeography; Biology and Ecological Distribution of Inhabitants; Trophic Relations; Theoretical Importance of Anchihaline Habitats; Anchihaline Fauna and Humans; See Also the Following Article; Bibliography; Ancient Cavers in Eastern North America; Introduction; Cave Archaeology in Eastern North America; Archaeology of the Mammoth Cave Area; Prehistoric Archaeology in the World's Longest Cave; Chronology; Archaeological Evidence; Interpretations; Conclusion; See Also the Following Articles; Bibliography  
 Asellus aquaticus: A Model System for Historical Biogeography Introduction; Development of Troglomorphies; Postojna-Planina Cave System; Broader View; Asellus Kosswigi; Continental Scale; Prospects for the Future; See Also the Following Article; Bibliography;  
 Astyanax mexicanus: A Model Organism for Evolution and Adaptation; Evolution, Adaptation, and Model Organisms; Astyanax Mexicanus as a Model Organism; Natural History of Astyanax Mexicanus; Troglomorphic Traits; Developmental Basis of Troglomorphic Traits; Inheritance and Genetic Basis of Troglomorphic Traits  
 Evolution of Troglomorphic Traits

## Sommario/riassunto

Encyclopedia of Caves is a self-contained, beautifully illustrated work dedicated to caves and their unique environments. It includes more than 100 comprehensive articles from leading scholars and explorers in 15 different countries. Each entry is detailed and scientifically sound, yet accessible for students and non-scientists. This large-format reference is enhanced with hundreds of full-color photographs, maps, and drawings from the authors' own work, which provide unique images of the underground environment. Global in reach--authors are an international te