1. Record Nr. UNINA9910815833103321 Autore Bonner John Tyler Titolo Cells and societies / / by John Tyler Bonner Pubbl/distr/stampa Princeton, New Jersey:,: Princeton University Press,, 1955 ©1955 **ISBN** 1-4008-7474-2 Descrizione fisica 1 online resource (249 p.) Collana **Princeton Legacy Library** Disciplina 574.5 Soggetti **Ecology** Cells Animal behavior Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Front matter -- Contents -- 1. The Sameness of Living Things -- 2. Nota di contenuto Howling Monkeys -- 3. Societies and Evolution -- 4. Fur Seals -- 5. Red Deer -- 6. Beavers -- 7. Social Insects -- 8. Army Ants -- 9. Termites -- 10. Colonial Hydroids -- 11. Cell Colonies -- 12. A Single Cell --13. Energy, Matter and Cells -- 14. Feeding in Plants -- 15. Reproduction and Development in Plants -- 16. Coordination in Plants -- 17. Feeding and Digestion in Animals -- 18. Breathing in Animals --19. Circulation in Animals -- 20. Excretion in Animals -- 21. Development and Reproduction in Animals -- 23. Human Societies --Selected Readings -- Acknowledgments -- Index Sommario/riassunto The howling monkeys of Barro Colorado Island in Panama have a rudimentary language which serves the needs of their social activities. The red deer of Scotland, the seals of the Pribilof Islands, the beavers. the social insects, the army ants and termites, and lastly the colonial and single-celled organisms such as amoebae all meet the same basic biological necessities of feeding, reproduction, and social coordination. Though the means of meeting the requirements are amazingly varied, Mr. Bonner shows that these three functions form a basic pattern that can be recognized in amoebae, in monkeys, and in man-in fact wherever life occurs. Originally published in 1955. The Princeton Legacy

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