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| Titolo                  | Adaptive strategies and population ecology of northern grouse .<br>Volume 2 Theory and synthesis / / Arthur T. Bergerud and Michael W. Gratson, editors   |
| Pubbl/distr/stampa      | Minneapolis, : University of Minnesota Press, c1988   |
| ISBN                    | 0-8166-8236-4   |
| Edizione                | [1st ed.]   |
| Descrizione fisica      | 1 online resource (407 p.)  |
| Altri autori (Persone)  | BergerudA. T<br>GratsonMichael W  |
| Disciplina              | 598/.616  |
| Soggetti                | Grouse<br>Bird populations<br>Adaptation (Biology)  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | A Wildlife Management Institute-sponsored book."  |
| Nota di bibliografia    | Includes bibliographies and index.  |
| Nota di contenuto       | ""Contents""; ""Part II: Theory and Synthesis""; ""Chapter 12. A Genetic Explanation for Ten-year Cycles of Grouse""; ""12.1 Introduction"";<br>""12.2 Defining the assumptions""; ""12.3 The model""; ""12.4 Parameters of the simulation""; ""12.5 Realism of the assumptions"";<br>""12.6 Results""; ""12.7 Conclusions""; ""12.8 Summary""; ""Chapter 13. Mating Systems in Grouse""; ""13.1 Introduction""; ""13.2 The monogamy model""; ""13.3 Female choice in the model""; ""13.4 Food shortage and monogamy""; ""13.5 The female view of the pair bond"";<br>""13.6 The male view of the pair bond""<br>""13.7 Dispersed polygyny""""13.8 Clumped polygyny""; ""13.9 Summary""; ""Chapter 14. Survival and Breeding Strategies of Grouse"";<br>""14.1 Introduction""; ""14.2 Male advertising strategies""; ""14.3 Advertising tactics of yearling males""; ""14.4 Female nesting strategies""; ""14.5 The strategy of selecting a male for breeding"";<br>""14.6 The strategy of improving chick survival""; ""14.7 Brood disbandment and migration""; ""14.8 Strategies for winter survival"";<br>""14.9 Polymorphic spacing strategy""; ""14.10 Summary""; ""Chapter 15. Population Ecology of North American Grouse""<br>""15.1 Introduction""""15.2 Percentage of hens nesting""; ""15.3 Clutch size in grouse""; ""15.4 Nesting success""; ""15.5 Mortality of chicks""; |

""15.6 Mortality of juveniles and adults""; ""15.7 Theories of population change""; ""15.8 The 10-year cycle in grouse""; ""15.9 Limitation of breeding numbers""; ""15.10 Summary""; ""Chapter 16. Increasing the Numbers of Grouse""; ""16.1 Introduction""; ""16.2 Mechanisms of density""; ""16.3 Control of hunting""; ""16.4 Control of food""; ""16.5 Control of cover""; ""16.6 Predator control""; ""16.7 Control of space""; ""16.8 Successful management""  
""16.9 Summary""""References""; ""Index""; ""B""; ""C""; ""D""; ""L""; ""P"";  
""R""; ""S""; ""T""; ""W""

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### Sommario/riassunto

"Adaptive Strategies and Population of Northern Grouse "was first published in 1988. Minnesota Archive Editions uses digital technology to make long-unavailable books once again accessible, and are published unaltered from the original University of Minnesota Press editions. The first volume contains eleven studies of eight grouse species; the second contains primarily the work of Bergerud, which utilizes the evidence in the first volume to advance theories of behavior and offer new demographic insights. This second volume contains primarily the work of Bergerud, which utilizes the evidence in the first volume to advance theories of behavior and offer new demographic insights.

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