1. Record Nr. UNINA9910453330303321

Titolo	Handbook of capture-recapture analysis [[electronic resource] /] / edited by Steven C. Amstrup, Trent L. McDonald, and Bryan F.J. Manly
Pubbl/distr/stampa	Princeton, N.J., : Princeton University Press, c2005
ISBN	1-282-96483-6 9786612964831 1-4008-3771-5
Edizione	[Course Book]
Descrizione fisica	1 online resource (334 p.)
Altri autori (Persone)	AmstrupSteven C McDonaldTrent L. <1965-> ManlyBryan F. J. <1944->
Disciplina	591.7/88/015118
Soggetti	Animal populations - Mathematical models Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [281]-299) and index.
Nota di contenuto	; Introduction to the handbook / Bryan F.J. Manly ... [et al.] -- Classical closed-population capture-recapture models / Anne Chao, Richard M. Huggins -- Classical open-population capture-recapture models / Kenneth H. Pollock, Russell Alpizar-Jara -- Modern closed-population capture-recapture models / Anne Chao, Richard M. Huggins -- Modern open-population capture-recapture models / James D. Nichols -- Tag-recovery models / John M. Hoenig ... [et al.] -- Joint modeling of tag-recovery and live-resighting data / Richard J. Barker -- Multistate models / Carl J. Schwarz -- Examples / Trent L. McDonald ... [et al.] -- Capture-recapture methods in practice / Bryan F.J. Manly ... [et al.] -- ; Appendix -- ; A.1. Capability matrix for common capture-recapture software packages -- ; A.2. General and contact information for common capture-recapture software packages listed in Table A.1.
Sommario/riassunto	Every day, biologists in parkas, raincoats, and rubber boots go into the field to capture and mark a variety of animal species. Back in the office, statisticians create analytical models for the field biologists' data. But many times, representatives of the two professions do not fully understand one another's roles. This book bridges this gap by helping

	biologists understand state-of-the-art statistical methods for analyzing capture-recapture data. In so doing, statisticians will also become more familiar with the design of field studies and with the real-life issues facing biologists. Reliable outcomes of capture-recapture studies are vital to answering key ecological questions. Is the population increasing or decreasing? Do more or fewer animals have a particular characteristic? In answering these questions, biologists cannot hope to capture and mark entire populations. And frequently, the populations change unpredictably during a study. Thus, increasingly sophisticated models have been employed to convert data into answers to ecological questions. This book, by experts in capture-recapture analysis, introduces the most up-to-date methods for data analysis while explaining the theory behind those methods. Thorough, concise, and portable, it will be immensely useful to biologists, biometricians, and statisticians, students in both fields, and anyone else engaged in the capture-recapture process.

2. Record Nr. UNINA9910700973303321

Titolo	Hydrogen reduction of lunar regolith simulants for oxygen production [[electronic resource] /] / U. Hegde ... [and others]
Pubbl/distr/stampa	Cleveland, Ohio : , : National Aeronautics and Space Administration, Glenn Research Center, , [2011]
Descrizione fisica	1 online resource (12 pages) : illustrations (some color)
Collana	NASA/TM ; ; 2011-216993
Altri autori (Persone)	HegdeU
Soggetti	Lunar rocks Particle diffusion Hydrogen Regolith Species diffusion Pressure dependence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Oct. 28, 2011). "March 2011."

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Nota di bibliografia	Includes bibliographical references (pages 11-12).