1. Record Nr. UNINA9910782327303321 Autore Gibb Timothy J Titolo Arthropod collection and identification [[electronic resource]]: field and laboratory techniques / / Timothy J. Gibb, Christian Y. Oseto Amsterdam: Boston: Academic Press, c2006 Pubbl/distr/stampa **ISBN** 1-281-79537-2 9786611795375 0-08-091925-1 Descrizione fisica 1 online resource (325 p.) Altri autori (Persone) OsetoC. Y Disciplina 595 595.7075 595.7075 22 Soggetti Arthropoda - Collection and preservation Arthropoda 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 and index. Front Cover: Arthropod Collection and Identification Field and Nota di contenuto Laboratory Techniques; Copyright Page; Contents; Preface; Part 1: Basic Tools and General Techniques; Introduction; Chapter 1. Equipment and Collecting Methods: 1.1 Equipment: 1.2 Collecting Nets: 1.3 Killing Containers and Agents; 1.4 Aspirators and Suction Devices; 1.5 Other Collection Devices; 1.6 Traps; 1.7 Baits, Lures, and Other Attractants; 1.8 Pheromones and OtherAttractants; 1.9 Collecting Aquatic Insects; 1.10 Collecting Soil Insects; 1.11 Collecting Ectoparasites; 1.12 Collecting Regulated Insects 1.13 Collecting Insects for Pest Management Audits1.14 Collecting Insects for Medico-Criminal Investigations; 1.15 Rearing; 1.16 Collecting Insects for Molecular Research; Chapter 2. Agents for Killing and Preserving; Chapter 3. Storage of Specimens; 3.1 Temporary Storage; 3.2 Mounting Specimens; 3.3 Labeling; 3.4 Care of the Collection; 3.5. Packaging and Shipping Specimens; Part 2: Classification of Insects and mites; Introduction; Chapter 4.

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## Sommario/riassunto

Arthropods are the most numerous and diverse group of animals and studying them requires the use of specialized equipment and specific procedures. This text describes effective methods and equipment for collecting, identifying, rearing, examining, and preserving insects and mites, and explains how to store and care for specimens in collections. It also provides instructions for the construction of many kinds of collecting equipment, traps, rearing cages, and storage units, as well as updated and illustrated keys for identification of the classes of arthropods and the orders of insects. Such