1. Record Nr. UNINA9910298432003321 Autore Horak Ivan G **Titolo** The Ixodid Ticks (Acari: Ixodidae) of Southern Africa / / by Ivan G. Horak, Heloise Heyne, Roy Williams, G. James Gallivan, Arthur M. Spickett, J. Dürr Bezuidenhout, Agustín Estrada-Peña Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2018 3-319-70642-X ISBN Edizione [1st ed. 2018.] 1 online resource (676 pages): illustrations Descrizione fisica Disciplina 595.429 Soggetti Entomology Parasitology Climate change Climate Change/Climate Change Impacts Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. 1. Introduction -- 2. History -- 3. Sources of Information and Methods Nota di contenuto -- 4. The Genus Amblyomma -- 5. The Genus Haemaphysalis -- 6. The Genus Hyalomma -- 7. The Genus Ixodes -- 8. The Genus Rhipicephalus -- 9. Ticks belonging to other Genera -- 10. Hosts and Host and Vegetation Tick Lists -- 11. Tick-Borne Diseases. Sommario/riassunto This is a comprehensive work summarizing the current state of knowledge of the biology of the hard ticks (Acari: Ixodidae) of Southern Africa (South Africa, Namibia, Botswana, Swaziland, Lesotho and Maputo Province, Mozambique). It provides an overview of the history of tick research in Southern Africa and the evolution of our knowledge of the ticks' distribution and biology, as well as the methods used to determine tick distribution, abundance and host preference. The morphologies of most of the tick species known to occur in Southern Africa are described and illustrated, and their distributions are described and mapped in relation to the biomes of the region. The known hosts for each tick species are listed, and the tick's host preferences are discussed. Information on most species life cycle in the

laboratory and the field, and their seasonal occurrence, is summarized. The diseases of animals and humans transmitted or caused by each tick

species are summarized in relation to tick ecology. Aspects of the biology of the major hosts relevant to tick infestations are described, and extensive tick/host and host/tick lists are provided for each country.