Record Nr. UNINA9910298456503321 Autore New Tim R **Titolo** Insect Conservation and Urban Environments [[electronic resource] /] / by Tim R. New Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 3-319-21224-9 Edizione [1st ed. 2015.] 1 online resource (252 p.) Descrizione fisica 570 Disciplina Soggetti Conservation biology **Ecology** Regional planning Urban planning Entomology Conservation Biology/Ecology Landscape/Regional and Urban Planning 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 at the end of each chapters and index. Nota di contenuto 1. Urban environments and insect wellbeing -- 2. Insects in urban environments -- 3. Insects along urban-rural gradients -- 4. Impacts on insect communities and species5. Alien species in urban environments -- 6. Urban insect pest management: implications for insect conservation -- 7. Selected urban threats to insects -- 8. Countering insect habitat losses and change in urban areas -- 9. Providing habitats for urban insects -- 10. Landscape connectivity for urban insects -- 11. Education and cultural awareness for the future. Sommario/riassunto This overview of the impacts of urbanisation on insect life and of the principles and practice of insect conservation in urban environments brings together examples and urban contexts from many parts of the world, to demonstrate the wide variety of urban threats and possible remedial measures to conserve insects in spaces such as urban parks and home gardens. Discussion of changes in well studied focal insect

groups such as ants and ground beetles along urban-rural gradients, of

pest management in urban environments and of the great variety of resources available amongst open 'green spaces' and waterbodies facilitate understanding of conservation needs. They show the possibilities for management to protect or restore individual species, entire assemblages and communities, and ecological functions, with that management extending from individual sites to landscape levels to promote connectivity and reduce site isolation by urban developments. 'Novel habitats', such as green roofs, are important contributors to this perspective. Participation by all levels of urban humanity, from government agencies to community groups and individuals (as citizen scientists) is needed, and the importance of promoting interests in insects and conservation amongst young people is emphasized.