BOOK REVIEW

Koike F., Clout M.N., Kawamichi M., De Poorter M., Iwatsuki K. (Eds.) 2007. Assessment and Control of Biological Invasions Risks. Published by Shoukadoh Book Sellers, Kyoto, Japan and the World Conservation Union (IUCN). Gland, Switzerland. 216 pp. ISBN 978-4-87974-604-7.

This book contains papers presented at the International Conference on Assessment and Control of Biological Invasions held at Yokohama National University from 26th to 29th of August 2004. The specific papers refer to agricultural pests as well as to alien invasive plant and animal species harmful to human health and biodiversity.

The part "Preface and Introduction" contains three papers: 1. "Various ecological problems and biological invasions" by K. Urano (p. 1); 2. "Alien species and wild flora" by K. Iwatsuki (p. 2–3); and 3. "Assessment and control of biological invasions risks" by F. Koike (p. 4–12).

Part 1: "Risk Management" (p. 15–62) contains five papers: 1. "Risk analysis, the precautionary approach and stakeholder participation in decision making in the context of emerging risks from invasive alien species" by S. Ikeda (p. 15–26). 2. "Legal strategies for combating invasive alien species" by A. Courtney (p. 27–34). 3. "Establishment and enforcement of the New Invasive Alien Species Act in Japan" by T. Mito (p. 35–44). 4. "A comparison of legal policy against alien species in New Zealand, the United States and Japan – can a better regulatory system be developed?" by M. A. Takabashi. 5. "The role of the International Plant Protection Convention in the prevention and management of invasion alien species" by H. Tanaka and B. Larson (p. 56–62).

Part 2. Risk Assessment" (p. 63–123) contains the following ten papers: 1. "Effectiveness of the weed risk assessment system for the Bonin Islands" by H. Kato et. al. (p. 65–72). 2. "Evaluation of species properties used by weed risk assessment and improvement of systems for invasion risk assessment" by F. Koike and H. Kato (p. 73–83). 3. "Importance of intra-specific variation for risk assessment: a case study on useful and noxious plant species, velvetleaf (*Abutilon teophrasti* Medic., *Malvaceae*) by S. Kurokawa et. al. 4. "Community assembly rules based on plant ecological traits in a rural landscape" by R. Tasnaka and F. Koike (p. 86–87).

Part 3. "Eradication and Control" (p. 126–169) contains six from which the following merit attention: 1. "The eradication of mammals from New Zealand islands" by M. N. Cloy and J. C. Russel (p. 127–141). 2. "The eradication of coypus (*Myocastor coypus*) from Britain: the elements required for a successful campaign" by S. Baker (p. 142–147). 3. "Prediction of range expansion and optimum strategy for spatial control of feral using a metapopulation model" by F. Koike (p. 148–156).

Part 4. "Database" (p. 172–211) contains 7 papers from which the following merit attention:. 1. "Invasion of an alien palm (*Trachycarpus fortunei*) into large forest" (p. 200–203). 2. "Line census and gnawing damage of introduced Formosan squirrels (*Callosciurus erythraeus taiwanensis*) in urban forests of Kamakura. Kanagawa, Japan" by M. Hori, M. Yamada and N. Tsunoda (p. 204–209).

A good "Subject index" (p. 212–213) and "Taxonomical index" (p. 214–216) make easy finding of Latin names of animals and plants considered in this book.

I recommend this book to persons working on plant pests or alien species, as they will find interesting information how to control or manage noxious or not wanted species.

Jerzy J. Lipa
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