

Book Reviews

Mordkovich, Ya. B., Sokolov, E.A. 1999. Spravochnik – Opredelitel Karantinnykh i Drugikh Opasnykh Vreditel'ey Syrya, Produktov Zapasa i Posevnoy Materiala [A Guide-book for Identification of Quarantine and Other Noxious Pests of Raw and Stored Plant Products and Seeds]. Kolos, Moskva, 384 pp. ISBN 5-10-003499-8.

This guide-book is primarily addressed to inspectors that perform phytosanitary inspection of living plants, seeds and plant products including lumber but will be of great value for all persons engaged in plant protection matters. The authors are experienced and long-time researchers at the All-Russian Institute of Plant Quarantine in Moscow.

The book consists two parts. Chapter 1 is titled “Quarantine and other beetle species – noxious to industrial raw and stored plant material” (p. 5-236). One general key allows to classify a given insect to one of 24 families of *Coleoptera*, while other detailed 24 keys allow to identify more than 400 species of beetles belonging to the following families: *Dermestidae*, *Cleridae*, *Ostomatidae*, *Ptinidae*, *Anobiidae*, *Bostrychidae*, *Lyctidae*, *Nitidulidae*, *Cucujidae*, *Cryptophagidae*, *Erotylidae*, *Endomychidae*, *Lathridiidae*, *Mycetophagidae*, *Colydidae*, *Murmidiidae*, *Oedemeridae*, *Anthricidae*, *Tnebrionidae*, *Bruchidae*, *Anthribidae*, *Curculionidae*, *Ipidae*, *Platypodidae*. It may be emphasized that from *Dermestidae* family 21 species of *Trogoderma* genus were considered; from *Bruchidae* 27 species of *Bruchus* and *Callosobruchus*; from *Ipidae* family 10 species from the genera *Plagiocerus* and *Hypothenemus*.

Part 2 titled “Lepidopterous larvae – pests of raw industrial material, stored food products and seed material” (p. 237-356) includes one general key for classifying a given larva to one of 18 families of *Lepidoptera*: *Incurvariidae*, *Tineidae*, *Aegeriidae*, *Cossidae*, *Tortricidae*, *Carposinidae*, *Yponomentidae*, *Acrolepidae*, *Momphidae*, *Gelechiidae*, *Oecophoridae*, *Pyralidae*, *Thaumetopoidae*, *Geometridae*, *Lasiocampidae*, *Orgyidae* (= *Lymantriidae*), *Noctuidae*, *Arctiidae*. Many other detailed keys allow recognizing larvae of 158 lepidopterous species.

The book contains numerous good drawings of morphological features of considered pests. It gives also a long list of Russian and foreign titles of papers and textbook concerning the subject.

A good index of Latin and Russian names of insect species facilitates the quick and effective use of the book.

Jerzy J. Lipa