

## LITERATURE CITED FOR TOTRTICID FOOD PLANT DATABASE

- Aarvik, L. 2004. Revision of the subtribe Neopotamiae (Lepidoptera: Tortricidae) in Africa. Norwegian Journal of Entomology 51: 71-122.
- Abdullaev, S. G., M. S. Tairov & A. A. Parkomenko. 1986. An attempt to control the European grape moth. Zashchita Rast. 1986: 37-38.
- Abe, Y. 1990. Notes on moths attacking cynip gall. Akitu (N.S.) 118: 6.
- Abe, Y. 1995. Relationships between the gall wasp, *Trichagalma serratae* (Ashmead) (Hymenoptera: Cynipidae), and two moth species, *Andrioplecta pulverula* (Meyirck) (Lepidoptera: Tortricidae) and *Characoma ruficirra* (Hampson) (Lepidoptera: Noctuidae). Applied Entomology and Zoology 30: 83-89.
- Abe, Y. & T. Sanari. 1992. Larval feeding habits of two species attacking cynipid galls. Proceedings of the XIX International Congress of Entomology (Abstract): 363.
- Abrahamson, L. P. & K. J. Kraft. 1965. A population study of the cone moth *Laspeyresia borealis* Grote in *Pinus banksiana* stands. Ecology 46: 561-563.
- Adamski, D. & J. W. Brown. 2001. Systematic revision of the *Ecdytolopha* group of genera (Lepidoptera: Tortricidae: Grapholitini) in the New World. Entomologica Scandinavica Supplement 58: 1-86.
- Adkin, R. 1931. *Batodes angustiorana* Haw. bred from stored apples. Entomologist 64: 214.
- Agassiz, D. 1991. *Argyrotaenia ljunghiana* (Thunb.) - a surprising foodplant. Entomologist's Record and Journal of Variation 103: 276-277.
- Agenjo, R. 1961. *Rhyacionia pinicolana* (Dbl., 1849) plaga del *Pinus silvestris* L., en las Sierra de Guadarrama y Albarracín, y especie nueva para la Peninsula Iberica (Lep. Tortricidae). Bol. Serv. Plagas Forestales 4: 21-27.
- Agenjo, R. 1964. Lepidópteros Españoles perjudiciales a los viveros forestales y a las plantaciones jóvenes. Boletín del Servicio de Plagas Forestales 7(13): 38-41.

Ahman, I., M. N. Wiersma & M. Lindstrom. 1988. Electroantennogram responses in *Cydia strobilella* (L.) (Lepid., Tortricidae) to flower and twig odours of its host *Picea abies* (L.) Karst. Journal of Applied Entomology 105: 314-316.

Ainslie, C. N. 1917. A few notes on the life history of *Phalonia spartinana*. Canadian Entomologist 49: 93-96.

Akingbohungbe, A. E., T. Agbede & J. I. Olaifa. 1980. Oviposition preference by the black cowpea moth, *Cydia ptychora* (Meyrick) (Lepidoptera: Tortricidae), for different varieties of cowpea. Bulletin of Entomological Research 70: 439-443.

Alfaro, A. 1950. Orugas de *Archips* en el arbolado frutal de la ribera del Jalón. Bol. Pat. Veg. Entomol. Agric. (Madrid) 17: 00-00.

AliNiazee, M. T. 1986. Seasonal history, adult flight activity, and damage of the obliquebanded leafroller, *Choristoneura rosaceana* (Lepidoptera: Tortricidae), in filbert orchards. Canadian Entomologist 118: 351-359.

AliNiazee, M. T., C. D. Lynn, E. M. Stafford & D. A. Luvisi. 1970. Integrated control of grape pests: effectiveness of cryolite and standard lead arsenate against the omnivorous leaf roller. California Agriculture 24(12): 8-10.

AliNiazee, M. T. & E. M. Stafford. 1971. Evidence of a sex pheromone in the omnivorous leaf roller: laboratory and field testing of male attraction to virgin females. Annals of the Entomological Society of America 64: 1330-1335.

AliNiazee, M. T. & E. M. Stafford. 1972a. Seasonal flight patterns of the omnivorous leaf roller and grape leaffolder in central California vineyards as determined by blacklight traps. Environmental Entomology 1: 65-68.

AliNiazee, M. T. & E. M. Stafford. 1972b. Notes on the biology, ecology, and damage of *Platynota stultana* on grapes. Journal of Economic Entomology 65: 1042-1044.

Allen, A. A. 1983. *Acleris hastiana* L. bred from *Salix caprea* in Surrey. Entomologist's Record and Journal of Variation 95: 132.

Allen, A. A. 1987. Food plants of *Cacoecimorpha pronubana* Hübn. Entomologist's Record and Journal of Variation 99(7-8): 152.

Allen, A. A. 1992. *Cacoecimorpha pronubana* (Hübner) (Lep., Tortricidae) bred from flowers and seed-head of *Aegopodium*. Entomologist's Record and Journal of Variation 104(11-12): 288.

Allen, H. W. 1958. The Oriental fruit moth. U.S. Department of Agriculture, Agricultural Information Bulletin 182. 28 pp.

Allen, W. W. 1959. Strawberry pests in California. California Agricultural Experiment Station Extension Service Circular 484. 40 pp.

Amsel, H. G. 1935. Neue palastinensische Lepidopteren. Mitt. Zool. Mus. Berl. 20: 271-319.

Amsel, H. G. 1962. Neue Microlepidoptera aus Guatemala. Zeitschrift fur Angewandte Entomologie 49: 392-398.

Andreev, R. 1988. Fruit moths on quince. Vissn. Selskostop Inst. "Vasil Kolarov" Plovdiv. Nauchni. Tr. 33: 99-107. [In Bulgarian]

Annila, E. 1984. Population fluctuation of some cone and seed insects in Norway spruce, pp. 57-64. In: Yates, H. O. (ed.), Proceedings of the cone and seed insects working party conference. Southeastern Forest Experiment Station, Asheville.

Anonymous. 1983. Bureau of Entomology. Tri-ology 22(10): 5-7.

Arahou, M. 1994. Biologie et degats de *Curculio glandium* Marsham, 1802 (Coleoptera, Curculionidae) et de *Cydia fagiglandana* Zeller, 1841 (Lepidoptera, Tortricidae), deux ravegeurs des glands du chene vert dans la Moyen-Atlas marocain. Entomologiste (Paris) 50(4): 253-259.

Armstrong, W. P. 1981. Mexican jumping beans. Pacific Discovery 34: 10-18.

Armstrong, W. P. 1986. Those wild Mexican jumping beans. Environment Southwest 512: 18-23.

Arthur, A. P. & S. J. Campbell. 1979. Insect pests of maturing sunflower heads and parasitoids of the sunflower moth in Saskatchewan and Alberta. The Sunflower Newsletter 3(1): 15-18.

Arthur, A. P. & Y. M. Powell. 1990. Description of the last-instar larva of *Cochylis arthuri* (Lepidoptera: Cochylidae) and characters for separating it from last-instar larva of *Cochylis hospes* Walsingham. Canadian Entomologist 122: 627-631.

Ashton, F. M. & D. Santana. 1976. *Cuscuta* spp. (Dodder): a literature review of its biology and control. Bulletin of the University of California Division of Agricultural Sciences No. 1880. 20 pp.

Asselbergs, J. E. F. 1979. [Aethes triangulana (Treitschke) a species new to the Belgian fauna (Lep., Cochylidae).] Phegea 7: 33-34. [In Dutch]

Atanov, N. M. & E. R. Gummel. 1985. The Oriental peach moth in Uzbekistan. Zashchita Rast. 1985: 40-41.

Atkins, E. L. 1958. The garden tortrix, *Clepsis peritana* (Clemens): a new economic pest in southern California. J. Econ. Entomol. 51: 596-598.

Atkins, E. L. 2006. Macadamia moth pests in California: known and potential [Reprint from CMS 1963].

[Http://www.coopersnuthouse.com/maclib/MacadamiaMothPestsCalifornia.htm](http://www.coopersnuthouse.com/maclib/MacadamiaMothPestsCalifornia.htm) (accessed July 2006).

Atkins, E. L., M. H. Frost, L. D. Anderspon & A. S. Deal. 1957a. The "omnivorous leaf roller," *Platynota stultana* Wlshm., on cotton in California: nomenclature, life history, and bionomics (Lepidoptera: Tortricidae). Annals of the Entomological Society of America 50: 251-259.

Atkins, E. L., M. H. Frost, A. S. Deal & H. T. Reynolds. 1957b. The omnivorous leaf roller, *Platynota stultana* Wlshm., on cotton in southern California: damage and control. Journal of Economic Entomology 59: 59-64.

Attard, G. 1979. Principales insectos del chopo en el sureste de Francia. Boletin Serv. Def. Plagas Insp. Fitopatol. 5: 25-30.

Atwood, C. E. 1967. A change in feeding habitat in *Archips cerasivorana* (Fitch) (Lepidoptera, Tortricidae). Proceedings of the Entomological Society of Ontario 97: 115-117.

Avci, M. 2000. A new pest of cedar forest in Turkey: *Dichelia cedricola* (Diakonoff, 1974) (Lepidoptera, Tortricidae). Centre for Entomological Studies Miscellaneous Papers 61: 4-7. [In Turkish]

Bae, Y.-S. 2000a. Systematic study of the genus *Phiaris* Hübner (Lepidoptera: Tortricidae) from Korea and Japan, part I. Transactions of the Lepidopterological Society of Japan 51: 131-149.

Bae, Y.-S. 2005. Systematic study of the genus *Phiaris* Hübner (Lepidoptera, Tortricidae) from Korea and Japan, part III. Tinea 18 (supplement 3): 124-138.

Bae, Y.-S. & Y.-Q. Liu. 1995. A new subgenus of *Lobesia* (Lepidoptera, Tortricidae), with redescription of *cunninghamiacola* Liu et Bai, 1977. Japan Journal of Entomology 63: 107-113.

Bae, Y.-S. & A. Kawabe. 1993. Description of the male of *Apotomis flavifasciana* comb. nov. (Lepidoptera, Tortricidae). Japanese Journal of Entomology 61: 279-284.

Bae, Y.-S. & F. Komai. 1991. A revision of the Japanese species of the genus *Lobesia* Guenée (Lepidoptera, Tortricidae), with description of a new subgenus. Tyo to Ga 42: 115-141.

Bae, Y.-S. & K.-T. Park. 1992. Notes on the genus *Lobesia* (Lepidoptera, Tortricidae) from Korea, with description of a new species. Tyo to Ga 43: 75-82.

Bae, Y.-S. & Y. Sakamaki. 1995. New larval food plant records of Tortricidae and Carposinidae (Lepidoptera) from Japan. Tyo to Ga 45: 263-268.

Baggiolini, M. Contribution à l'étude de *Cacoecia rosana* L. lépidoptère tortricide nuisible aux vergers de Suisse Romande. Ann. Agric. Suisse 57: 00-00.

Baker, G. L. 1976. *Cryptophlebia encarpa* (Meyrick) (Lepidoptera, Tortricidae), as a pest of cacao pods in the Northern Province of Papua New Guinea. Papua New Guinea Agriculture Journal 27: 11-17.

Baker, R. T. & H. B. Dick. 1981. Leafrollers (Lepidoptera: Tortricidae) in a strawberry crop in Horowhenua: abundance and control. New Zealand Journal of Experimental Agriculture 9: 377-381.

Balciunas, J. K., D. W. Burrows & M. Horak. 1995. Herbivorous insects associated with the paperbark *Melaleuca quinquenervia* and its allies. 4. Tortricidae. Australian Entomologist 22: 125-135.

Balduf, W. V. 1959. Obligatory and facultative insects in rose hips: their recognition and bionomics. Illinois Biological Monographs 26: 1-194.

Balmer, H. 1982. Vergleichende Untersuchungen zue Biologie schweizerischer Cnephasiini (Lep., Tortricidae). Bulletin Societe Entomologique Suisse 55: 349-382.

Baltensweiler, W. 1987. Luftverschmutzung und Insektenkalamitaten: der Fall des grauen Larchenwicklers (*Zeiraphera diniana* Gn.). Mitt. Deutsch. Ges. Allg. Angew. Entomol. 5(1-4) (1986): 58-62.

Baltensweiler, W. 1993. A contribution to the explanation of larch bud moth cycle, the polymorphic fitness hypothesis. Oecologia 93: 251-255.

Baltensweiler, W. & A. Fischlin. 1988. The larch budmoth in the Alps, pp. 331-351. In: Berryman, A. A. (ed.), Dynamics of forest insect populations: patterns, causes, implications. Plenum Press, New York & London.

Bankes, E. R. 1900. *Batodes angustiorana* Hw., feeding on grape pulp. Entomologists Monthly Magazine 36: 9.

Bare, C. O. 1934. *Tortrix ivana* Fernald, a celery pest in the Everglades of Florida. Journal of Economic Entomology 27: 720.

Barker, J. F. 1997. Oviposition by the banded sunflower moth (Lepidoptera: Cochylidae) in response to constituents of the bracts and leaves of *Helianthus annuus*. Journal of Economic Entomology 90: 160-164.

Barker, J. F. & S. Grugel. 1996. Oviposition by the banded sunflower moth, *Cochylis hospes* (Lepidoptera: Cochylidae) in response to *Helianthus annuus* pollen. Great Lakes Entomologist 29: 77-80.

Barnes, W. & J. McDunnough 1917. A few remarks on Grossbeck's list of Florida Lepidoptera with descriptions of new species. Contributions to the Natural History of the Lepidoptera of North America 3: 217-223.

Baronio, P. & N. Baldassari. 1993. Gli insetti nocivi al bosco *Larix decidua* Miller. Monti e Boschi 44: 25-40.

Baronio, P., N. Baldassari & E. de Berardinis. 1989. Gli nocivi al bosco *Pinus* spp. - *Picea excelsa*. Monti e Boschi 40: 1-12. [In Italian]

Baronio, P., N. Baldassari & E. de Berardinis. 1991. Gli insetti nocivi al bosco

*Picea excelsa* L. Monti e Boschi 42: 1-8. [In Italian]

Barras, S. J. & D. M. Norris. 1969. Bionomics of *Eucosma monitorana* (Lepidoptera: Tortricidae) attacking red pine cones in Wisconsin. Annals of the Entomological Society of America 62: 1284-1290.

Barrett, C. G. 1890. *Ctenopseustis obliquana*, Wlk., destructive in New Zealand. Entomologists' Monthly Magazine 26: 217.

Barrett, C. G. 1905-1907. The Lepidoptera of the British Islands 11: 1-293. London, England.

Barron, J. R. & H. E. Bisdee. 1984. Hymenopterous parasites with lepidopterous and sawfly hosts on *Lonicera* (honeysuckle) on the Ottawa area. Canadian Entomologist 116: 1345-1356.

Basinger, A. J. 1935. Parasites reared from *Argyrotaenia* (*Tortrix*) *citrana* Fernald. California Department of Agriculture Monthly Bulletin 24: 233.

Basinger, A. J. 1936. Notes on the orange worms *Argyrotaenia* (*Tortrix*) *citrana* Fern. and *Platynota stultana* Wlsm. Journal of Economic Entomology 29: 131-134.

Basinger, A. J. 1938. The orange tortrix, *Argyrotaenia citrana* Fernald. Hilgardia 11: 635-669.

Bauce, E. & N. Carisey. 1996. The impact of flowering on the suitability of balsam fir for spruce budworm varies with larval feeding behavior. U.S. Forest Service General Technical Report NC 183: 86-96.

Bauer, G. 1985. Populationsökologische Untersuchungen an Phytophagen-Entomophagen-Komplex der Heckenrose: Eine vergleichbare analyse von Ressourcennutzung und Dichteregulation. Verhandlungen Gesel. Okol. 13: 579-585.

Beaumont, H. E. 1978. *Aethes beatricella* (Walsingham) (Lep., Cochylidae) in south Yorkshire. Entomologist's Gazette 29: 77-78.

Beaumont, H. E. 2007. *Epinotia granitana* (Herrich-Schaffer, 1851) (Lepidoptera: Tortricidae, Olethreutinae) new to Britain. Entomologist's Gazette 58: 268-270.

Becker, V. 1970a. Sobre duas especies Brazileiras do genero *Polyortha*

(Lepidoptera, Tortricidae). Bull. Univ. Feder. Paraná, Consel. Pesq., Zool. 4: 1-11.

Becker, V. 1970b. Notas sobre a biologia de *Eulia dimorpha* Clarke (Lepidoptera, Tortricidae). Bull. Univ. Feder. Paraná, Consel. Pesq., Zool. 4: 10.

Becker, V. 1971. Microlepidopteros que vivem nas plantas cultivadas no Brasil. II. O nome correto da lagarta das favas da *Cassia fistula* L. (Lepidoptera, Tortricidae). Boletim Universidad Federal Paraná, Consel. Pesq., Zool. 4 (9): 45-56.

Becker, V. O. 1973. Algunos microlepidopteros asociados con *Pinus* en Centroamérica (Pyralidae y Tortricidae). Turrialba 23(1): 104-106.

Beckwith, C. S. 1938. *Sparganothis sulfureana* Clem., a cranberry pest in New Jersey. Journal of Economic Entomology 31: 253-256.

Beeson, C. F. C. 1941. The ecology and control of the forest insects of India and the neighboring countries, Dehra Dun, India. 1007 pp.

Begemann, G. J. & A. S. Schoeman. 1999. The phenology of *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae), *Tortrix capensana* (Walker) and *Cryptophlebia leucotreta* (Meyrick) (Lepidoptera: Tortricidae) on citrus at Zebediela, South Africa. African Entomologist (Pretoria) 7: 131-148.

Belosel'skaya, Z. G. 1925. [On the biology of some injurious leaf-rollers]. Plant Protection, Leningrad 2. [Abstract in Rev. Appl. Entomol. (A) 14].

Belova, N. V. 1995. Developing insect larva in *Picea obovata* sterile seeds. Lesovedenie 2: 91-94. [In Russian]

Benander, P. 1928. Zur Biologie einiger Kleinschmetterlinge 2. Entomol. Tidskr. 49: 135-151.

Bendicho-Lopez, A. 1998. New distributional and foodplant records for twenty Cuban moths. Journal of the Lepidopterists' Society 52: 212-214.

Bennett, S. E. 1961. The strawberry leaf roller complex in Tennessee. Journal of the Tennessee Academy of Sciences 36: 320-360.

Bentancourt, C. M., I. B. Scatoni, A. Gonzalez & J. Franco. 2004. Biology of *Bonagota cranaodes* (Meyrick) (Lepidoptera: Tortricidae) on seven natural

foods. *Neotropical Entomology* 33: 299-306.

Benz, G. 1991. Grey larch budmoth, biology and control. World Crop Pests 5: 643-671.

Bergmann, D. J. & C. Y. Oseto. 1990. Life tables of the banded sunflower moth (Lepidoptera: Tortricidae) in the northern Great Plains. Environmental Entomology 19: 1418-1421.

Berisford, C. W. 1988. The Nantucket pine tip moth, pp. 141-161. In: Berryman, A. A. (ed.), Dynamics of forest insect populations: patterns, causes, implications. Plenum Press, New York & London.

Betti, A. 1983. Contributo alla conoscenza dell'entomofauna del *Cytisus scoparius*. Italia For. Mont. 38: 98-103

Bhagat, K. C., M. Amin Masoodi & V .K. Koul. 1994. Note on the incidence of *Archips pomivora* Meyrick (Lepidoptera: Tortricidae) as a new pest of apple in Kashmir. Journal of Insect Science 7: 112-113.

Bhardwaj, S. P. & R. Chander. 1993. Monitoring seasonal activity of *Archips pomivora* Meyrick (Tortricidae) and *Lymantria concolor* Walker (Lymantriidae) with synthetic sex attractants in apple orchards. Pest Management and Economic Zoology 1: 70-75.

Bhiry, N. & L. Filion. 1996. Mid-Holocene hemlock decline in eastern North America linked with phytophagous insect activity. Quaternary Research (Orlando) 45: 312-320.

Bhumannavar, B. S. 1991. New record of *Homona permutata* Meyrick (Tortricidae: Lepidoptera) on fruit crops from south Andaman. Entomon 16: 335-336.

Bhumannavar, B. S., P. Monhanraj, H. R. Ranganath, T. K. Jacob & A. K. Bandyopadyay. 1991. Insects of agricultural importance in Andaman and Nicobar Islands. Research Bulletin of the Central Agricultural Research Institute, Port Blair, 6. 49 pp.

Biezanko, C. M., A. Ruffinelli & D. Link. 1974. Host-plants and other foods of lepidopterous larvae of Uruguay. Rev. Centro. Cienc. Rurais 4: 107-148.

Bigger, M. 1988. The insect pests of forest plantation trees in the Solomon Islands. ODNRI, Chatham. 190 pp.

Bigot, L., A. Boumezzough & A. El Alaoui El Fels. 1988. Contribution a l'étude

des insectes liés au genévrier (*Juniperus thurifera* L.) dans le Haut-Atlas macrocaïn: biologie de deux microlepidoptères ravageurs dominant des galbules et des graines: *Argyresthia [Argyresthia] reticulata* (Yponomeutidae) et *Pammene juniperana* (Tortricidae), espèces nouvelles sur le Maroc. Bulletin Société Entomologique de France 93: 233-238.

Billen, W. 1993. Über ein Massenaufreten von *Ancylis tineana* (Hübner, 1977) an *Cotoneaster dammeri* (Lepidoptera, Tortricidae). Nota Lepidopterologica 16(3-4): 240.

Bishop, A. L. 1984. *Heliothis* spp. and *Merophyas divulsana* (Walker) in the seasonal damage of lucerne in the Hunter Valley, New South Wales. General Appl. Entomol. 16: 36-44.

Bishop, A. L. and Blood, P. R. B. 1978. Temporal distribution, biology and life history of the cotton tipworm, *Crocidosema plebejana* Zeller, on cotton in the south-eastern Queensland region. Australian Journal of Zoology 26: 147-152.

Bishop, A. L. & H. J. McKenzie. 1986. Development of *Merophyas divulsana* (Walker) (Lepidoptera: Tortricidae) in relation to lucerne harvesting as a control strategy. Journal of the Australian Entomological Society 25: 229-233.

Blais, J. R. 1961. Notes on the biology of *Griselda radicana* (Wlsm.) (Lepidoptera: Olethreutidae). Canadian Entomologist 93: 648-653.

Blake, E. A., M. R. Wagner & T. W. Koerber. 1986. Insects destructive to ponderosa pine cone crops in northern Arizona. U.S. Department of Agriculture Forest Service General Technical Report INT 203: 238-242.

Blake, E. A., M. R. Wagner & T. W. Koerber. 1989. Relative effect of seed and cone insects on ponderosa pine in northern Arizona. Journal of Economic Entomology 82: 1691-1694.

Blanco-Metzler, H. 1994. The biology and ecology of the macadamia nut borer, *Ecdytolopha torticornis* Meyrick (Lepidoptera: Tortricidae) in Costa Rica. PhD dissertation, University of Edinburgh, Scotland. 131 pp.

Blanco-Metzler, H., A. D. Watt & D. Cossens. 1992. Dynamics of macadamia nut damage by *Ecdytolopha torticornis* (Lep: Tortricidae) and parasitism by *Apanteles* spp. In: Individuals, Patterns, and Populations, Norwich, England, 7-10 Sept. 1992.



Blanco-Metzler, H., A. D. Watt & D. Cosens. 1993. Ciclo de vida y comportamiento de oviposición de *Ecdytolopha torticornis* Meyrick (Lepidoptera Tortricidae), barrenador de la nuez de macadamia. Revista Manejo Integr. Plagas (Costa Rica) 29: 36-39.

Blanco-Metzler, H., A. D. Watt & D. Cosens. 2001. Within tree distribution of *Ecdytolopha torticornis* (Lepidoptera Tortricidae) oviposition on macadamia nuts. Revista de Biología Tropical (International Journal of Tropical Biology and Conservation) 49 (2): 697-702.

Bland, K. P. 1991. Pabulum of *Ancylis tineana* (Hübner) (Lep., Tortricidae) confirmed as birch in Britain. Entomologist's Record and Journal of Variation 103: 100.

Bloem, S., K. A. Bloem, J. E. Carpenter & C. O. Calkins. 1999. Inherited sterility in codling moth (Lepidoptera: Tortricidae): effect of substerilizing doses of radiation on insect fecundity, fertility, and control. Annals of the Entomological Society of America 92: 222-229.

Blomefield, T. L. 1989. Economic importance of the false codling moth, *Cryptophlebia leucotreta*, and codling moth, *Cydia pomonella*, on peaches, nectarines and plums. Phytophylactica 21: 435-436.

Blomefield, T. L. & H. Geertsema. 1990. First record of the Oriental fruit moth, *Cydia molesta* (Lepidoptera: Tortricidae: Olethreutinae), a serious pest of peaches, in South Africa. Phytophylactica 22: 355-357.

Blommers, L. H. Helsen & F. Vaal. 1988. The autumn leafroller: phenology, drainage and parasitoids in a Dutch apple orchard. Netherlands Journal of Plant Pathology 94: 95-103.

BMNH collection. Based on identified reared specimens in the collection of The Natural History Museum, London; identifications by staff of the Lepidoptera Section.

Bodenham, J. & R. E. Stevens. 1981. Insects associated with second-year ponderosa pine cones, Larimer and Boulder counties, Colorado. Southwestern Naturalist 26: 375-378.

Bogenschutz, H. 1991. Outbreak of *Zeiraphera rufimitrana* on silver fir hither to unknown in southwest Germany. U.S. Forest Service NE Forest Experiment Station, General Technical Report NE 153: 165-171.

Bogenschütz, H. 1997. The fir lepidoptera of Slovakia and studies on fir pests insects in the Black forest (Southwest Germany). *Biologica* 52 (2): 141-145. [*Choristoneura murinana*]

Bohart, R. M. 1942. *Platynota stultana* as a pest of field-grown carnations. *Journal of Economic Entomology* 35: 399-403.

Borden, A. D. 1926. Some comparatively new apple insect pests in California. *Pan-Pacific Entomologist* 3: 91-92.

Boscan de Martinez, N. & F. J. Godoy. 1990. Distribucion geografica de *Talponia* sp., *Cercospora* [*Cerconota*] *annonella* Sepp., y *Bephratelloides* sp. perforadores de flores y frutos de guanabana en Venezuela. *Agron. Trop.* 39 (1989): 319-323.

Bottimer, L. J. 1926. Notes on some Lepidoptera from eastern Texas. *Journal of Agricultural Research* 33: 797-819.

Bouaziz, K. & Roques, A. 2006. Biology of the chalcid wasp, *Megastimus wachtli*, and its relationship to colonization of cypress seeds by the tortricid moth, *Pseudococcyx tessulatana*, in Algeria. *Journal of Insect Science* (Tucson) 6: 6.48.

Bouzouane, R., H. Audemard & S. Aubert. 1987. Le role de l'olfaction dnas l'attraction exercée par les pousses et les fruit de pêcher sur les larves néonées de tordeuse orientale *Cydia molesta*. *Entomol. Exp. Appl.* 45: 201-204.

Bovey, P. 1966. Super-famille des Tortricoidea, pp. 456-893. In: Balachowsky, A. S. (ed.), *Entomologie appliquée à l'agriculture*. Volume 2 (1), Lépidoptères. Mason & Cie, Paris. 1057 pp.

Bower, B. A. 1890 Food-plant of *Phoxoptyyx upupana*. *Entomologists' Monthly Magazine* 26: 192.

Boyne, J. V. & G. C. Rock. 1986. Effect of food and perhaps larval crowding on diapause initiation in tufted apple bud moth (Lepidoptera: Tortricidae). *Journal of Entomological Science* 21: 301-308.

Bradley, J. D. 1953a. Some important species of genus *Cryptophlebia* Walsingham, 1899, with descriptions of three new species (Lepidoptera: Olethreutidae). *Bulletin of Entomological Research* 43: 679-689.

- Bradley, J. D. 1953b. New Microlepidoptera from Fiji. Proceedings of the Hawaiian Entomological Society 15: 109-114.
- Bradley, J. D. 1968. A new species of *Herpystis* Meyrick (Lepidoptera, Tortricidae) on *Cuscuta reflexa* in West Pakistan. Bulletin of Entomological Research 57: 615-618.
- Bradley, J. D. 1987. Card catalogue of identified reared material received by Bradley for identification from about 1955 to 1987; original in BMNH Microlepidoptera Section library.
- Bradley, J. D., W. G. Tremewan & A. Smith. 1973. British tortricoid moths. Cochyliidae and Tortricidae: Tortricinae. The Ray Society, London. 251 pp.
- Bradley, J. D., W. G. Tremewan & A. Smith. 1979. British tortricoid moths. Tortricidae: Olethreutinae. The Ray Society, London. 336 pp.
- Brain, C. K. 1929. Insect pests and their control in South Africa. Die Nasionale Pers Beperk, Cape Town.
- Braun, A. F. 1925. Microlepidoptera of northern Utah. Transactions of the American Entomological Society 51: 183-226.
- Braun, A. F. 1951. The *Aesculus*-feeding species of *Exartema* with description of a new species (Lepidoptera: Eucosmidae). Ohio Journal of Science 51: 353-357.
- Braun, D. M., R. A. Goyer & G. J. Lenhard. 1990. Biological and mortality agents of the fruittree leafroller (Lepidoptera: Tortricidae), on baldcypress in Louisiana. Journal of Entomological Science 25: 176-184.
- Bredo, H. J. 1933. Note sur *Argyroploce leucotreta* Meyr. Bull. Agric. Congo Belge. 24 (2): 150-156.
- Brenner, G. J., P. T. Oboyski & P. C. Banko. 2002. Parasitism of *Cydia* spp. (Lepidoptera: Tortricidae) on *Sophora chrysophylla* (Fabaceae) along an elevation gradient of dry subalpine forest on Mauna Kea, Hawaii. Pan-Pacific Entomologist 78: 101-109.
- Brockhoff, E. G. & M. Kenis. 1996. Parasitoids associated with *Cydia strobilella* (L.) (Lepidoptera: Tortricidae) in Europe, and considerations for their use for biological control in North America. Biological Control 6: 202-214.

Brown, A. W. A. & W. C. McGuffin. 1942. New descriptions of larvae of forest insects IV, *Herculia*, *Tortrix*, and *Argyrotaenia* (Lepidoptera, Pyralidae and Tortricidae). Canadian Entomologist 74: 58.

Brown, J. W. 1990. New species and first U.S. record of *Auratonota* (Lepidoptera: Tortricidae). Florida Entomologist 73: 153-157.

Brown, J. W. 2000. A new genus of tortricid moths injurious to grapes and stone fruits in Chile (Lepidoptera: Tortricidae). Journal of the Lepidopterists' Society 53: 60-64.

Brown, J. W. 2003. An illustrated guide to the *Orthocomotis* Dognin (Tortricidae) of Costa Rica, with summaries of their spatial and temporal distributional. Journal of the Lepidopterists' Society 57: 253-269.

Brown, J. W. 2006. A new species of *Cochylis* from Argentina (Lepidoptera: Tortricidae): a potential biocontrol agent against pom-pom weed (Asteraceae). Proceedings of the Entomological Society of Washington 108: 899-904.

Brown, J. W. & D. Adamski. 2003. Systematics of *Anopinella* Powell (Lepidoptera: Tortricidae: Euliini). Zootaxa 200: 1-94.

Brown, J. W., J. Baixeras, J. A. Solorzano-Filho & J. E. Kraus. 2004. Description and life history of an unusual fern-feeding tortricid moth (Lepidoptera: Tortricidae) from Brazil. Annals of the Entomological Society of America 97: 865-871.

Brown, J. W. & R. L. Brown. 2004. A new species of *Cryptaspasma* (Lepidoptera: Tortricidae: Olethreutinae) from Central America, the Caribbean, and southeastern United States, with a catalog of the world fauna of Microcorsini. Proceedings of the Entomological Society of Washington 106: 288-297.

Brown, J. W., S. E. Miller & M. Horak. 2003. Notes on New Guinea moths. 2. A new species of *Xenothictis* Meyrick (Lepidoptera: Tortricidae: Archipini). Proceedings of the Entomological Society of Washington 105: 1044-1051.

Brown, J. W. & K. Nishida. 2003. First record of larval endophagy in Euliini (Tortricidae: Euliini): A new species of *Seticosta* from Costa Rica. Journal of the Lepidopterists' Society 56: 113-120.

Brown, J. W. & K. Nishida. 2007. A new gall-inducing tortricid (Lepidoptera: Tortricidae: Olethreutinae) on lima bean (*Phaseolus lunata*; Fabaceae) from Costa Rica. Proceedings of the Entomological Society of Washington 109: 265-276.

Brown, J. W. & S. Passoa. 1998. Larval foodplants of Euliini (Lepidoptera: Tortricidae): From *Abies* to *Vitis*. Pan-Pacific Entomologist 74: 1-11.

Brown, J. W. & J. A. Powell. 1991. Systematics of the *Chrysoxena* group of genera (Lepidoptera: Tortricidae: Euliini). University of California Publications in Entomology 111. 87 pp. + figs.

Brown, J. W. & J. A. Powell. 2000. Systematics of *Anopina* Obraztsov (Lepidoptera: Tortricidae: Euliini). University of California Publications in Entomology 120. 128 pp. + figs.

Brown, R. L. 1983. Taxonomic and morphological investigations of Olethreutinae: *Rhopobota*, *Griselda*, *Melissopus*, and *Cydia* (Lepidoptera: Tortricidae). Entomography 2: 97-120.

Brown, R. L. 1986. Resurrection of *Catastega* Clemens and revision of the *Epinotia vertumnana* (Zeller) species-group (Tortricidae: Olethreutinae). Journal of the Lepidopterists' Society 40: 327-346.

Brown, R. L. & R. T. Allen. 1974. Larval food plants and parasites of some Lepidoptera in southeastern Arkansas. Journal of the Lepidopterists' Society 28: 168-170.

Brown, R. L., J. F. G. Clarke & D. H. Habeck. 1983. New host records for Olethreutinae (Tortricidae). Journal of the Lepidopterists' Society 37: 224-227.

Brown, R. L. & W. E. Miller. 1983. Valid names of the spruce seed moth and a related *Cydia* species (Lepidoptera: Tortricidae). Annals of the Entomological Society of America 76: 110-111.

Bruner, S. C., L. C. Scaramuza & A. R. Otero. 1975. Catalogo de los insectos que atacan a las plantas economicas de Cuba: segunda edicion revisada y aumentada. Academeia de Ciencisa de Cuba, Instituto Zoologica, La Habana. 399 pp.

Brunner, J. F. 1999. New pests: a challenge for area-wide programs. Proceedings of the Washington Horticultural Association 95: 154-158.

- Buchanan, G. A. 1977. The seasonal abundance and control of light brown apple moth, *Epiphyas postvittana* (Walker) (Lepidoptera: Tortricidae), on grapevines in Victoria. Australian Journal of Agricultural Research 28: 125-132.
- Bullock, R. C., E. E. Killer & R. R. Pelosi. 1998. Population dynamic and citrus fruit damage by two species of leafroller, *Argyrotaenia amatana* and *Argyrotaenia kimballi* (Lepidoptera: Tortricidae). Proceedings of the Florida State Horticultural Society 110 (1997): 27-32.
- Busck, A. 1906. A new tortricid from Texas. Canadian Entomologist 38: 211.
- Busck, A. 1907a. A review of the tortricid subfamily Phaloniinae with descriptions of new American species. Journal of the New York Entomological Society 15: 19-36.
- Busck, A. 1907b. New genera and species of American Microlepidoptera. Journal of the New York Entomological Society 15: 134-140.
- Busck, A. 1910. New Central American Microlepidoptera introduced into the Hawaiian Islands. Proceedings of the Entomological Society of Washington 12: 132-135.
- Busck, A. 1913. New Microlepidoptera from British Guiana. Insect. Inscit. Menst. 1: 1-88.
- Busck, A. 1914a. Descriptions of new microlepidoptera of forest trees. Proceedings of the Entomological Society of Washington 16: 143-150.
- Busck, A. 1914b. Life history of *Eucosma haracana* Kearfott. Proceedings of the Entomological Society of Washington 16: 150.
- Busck, A. 1915. The European pine-shoot moth; a serious menace to pine timber in America. Bulletin of the U.S. Department of Agriculture 170.
- Busck, A. 1916. Descriptions of new North American Microlepidoptera. Proceedings of the Entomological Society of Washington 18: 147-154.
- Busck, A. 1920. A new tortricid moth from Nova Scotia, (Lepidoptera). Canadian Entomologist 52: 125.
- Busck, A. 1929. A new avocado moth. Monthly Bulletin of the Department of

- Agriculture, State of California 18: 276-277.
- Busck, A. 1934. Microlepidoptera of Cuba. Entomol. Am. 13: 151-217.
- Busck, A. 1939. A generic review of the family Phaloniidae with descriptions of two new genera and one new species. Bulletin of the Southern California Academy of Sciences 38: 98-111.
- Busck, A. 1940. Notes on North American microlepidoptera with descriptions of new genera and species. Bulletin of the Southern California Academy of Sciences 39: 87-98.
- Butani, D. K. 1983. Insect pests of betel-vine in India and their control. Pestology 7: 9-14.
- Butcher, J. W. & A. C. Hodson. 1949. Biological and ecological studies on some lepidopterous bud and shoot insects of jack pine (Lepidoptera-Olethreutidae). Canadian Entomologist 81: 161-173.
- Byun, B., Y. Bae, & K. Park. 1998. Illustrated catalogue of Tortricidae of Korea (Lepidoptera). In: Park, K.-T. (ed.), Insects of Korea [2]. Korea Research Institute of Bioscience and Biotechnology & Center for Insect Systematics. 317 pp.
- Byun, B. K., K. T. Park & Y.-M. Park. 2005. Review of the genus *Matsumuraeses* Issiki (Lepidoptera, Tortricidae) with discovery of *M. falcana* (Walsingham) in Korea. Journal of Asia-Pacific Entomology 8: 117-122.
- Byun, B.-K. & C.-H. Shin. 1999. *Eucoegenes* [sic.] *ancyrota* (Meyrick) (Lepidoptera: Tortricidae) attacking to *Ternstroemia japonica* Thunb. new to Korea. Journal of Applied Entomology 38: 11-14.
- Byun, B.-K. & S.-C. Yan. 2004. Check list of the tribe Tortricini (Lepidoptera: Tortricidae) in Northeast China, with two newly recorded species from China. Korean Journal of Applied Entomology 43: 91-101.
- Cai, P., L.-J. Bai, R.-L. Xiang & L. Zhang. 2005. The biological characteristics of the leading pests of loquat and their control. South China Fruits 2005 (2): 38-41.
- Calderón, D. G. R. & L. A. Foerster. 1979. Incidência esatcional e danos de *Epinotia aporema* (Walsingham, 1914) (Lepidoptera - Tortricidae) em soja. Dusenia 11: 19-24.



Calvo, D. & J. M. Molina. 2003. Incidencia de *Cacoecimorpha pronubana* (Hübner, [1799]) (Lep., Tortricidae) sobre variedades de arándano americano (*Vaccinium* spp. , Ericaceae) con bajos requerimientos de horas frío en Andalucía Occidental. Boletín de Sanidad Vegetal Plagas 29: 553-561.

Campos, S. L., M. A. Faccin, L. N. Echeverria & R. L. Sazo. 1981. Agric. Tenica 41: 249-256.

Can, P. & I. M. Ozcankaya. 2007. Occurrence of *Rhyacionia frustrana* on *Pinus brutia* in the Aegean region of Turkey. Phytoparasitica 35(1): 13-14.

Capek, M. 1971. The possibility of biological control of imported weeds of the genus *Solidago* L. in Europe. Acta Institui Forestalis Zvolenensis, pp. 429-441.

Cappuccino, N., D. Lavertu., Y. Bergeron & J. Regniere. 1998. Spruce budworm impact, abundance and parasitism rate in a patchy landscape. Oecologia 114: 236-242.

Carisey, N. & E. Bauce. 1997a. Impact of balsam fir flowering on pollen and foliage biochemistry in relation to spruce budworm growth, development and food utilization. Entomol. Exp. Appl. 85: 17-31.

Carisey, N. & E. Bauce. 1997b. Balsam fir foliar chemistry in middle and lower crowns and spruce budworm growth, development food, and nitrogen utilization. Journal of Chemical Ecology 23: 1963-1978.

Carolin, V. M. 1980. Larval densities and trends of insect species associated with spruce budworm in buds and shoots in Oregon and Washington. Research Papers of the Pacific NW Forest Range Experiment Station No. 273: 1-18.

Cassani, J. R., D. R. Malhoney, D. H. Habeck & F. D. Bennett. 1989. New insect records on Brazilian pepper tree, *Schinus terebinthifolius* (Anacardiaceae), in south Florida. Florida Entomologist 72: 714-716.

Castellari, P. L. 1984. La *Choristoneura lafauryana* Rag. (Lep., Tortricidae) comparsa recentemente su soia (*Glycine max* (L.) Merrill), in Emilia-Romagna. Bollettino Istit. Entomol. Bologna 38: 117-133.

Castresana, L. A. Notario & C. Iglesias. 1996. [Note on a tortricid *Cacoecimorpha pronubana* (Hübner) which attacks pine trees.] Boletín de Sanidad Vegetal Plagas 22(2): 469-473. [In Spanish]

- Cates, R. G., C. B. Henderson & R. A. Redak. 1987. Responses of western spruce budworm to varying levels of nitrogen and terpenes. *Oecologia* 73(2): 312-316.
- Cates, R. G. & R. A. Redak. 1988. Variation in the terpene chemistry of Douglas-fir and its relationship to western spruce budworm success, pp. 317-344. In Spencer, K. C. (ed.), *Chemical mediation of evolution*. Academic Press, Inc., San Diego, New York.
- Cerda, L. A., C. Jana-Saenz & M. A. Beeche. 1986. Deteccion de la 'polilla del brote' en Chile: *Rhyacionia buoliana* (Schiffermuller, 1776) (Lepidoptera: Tortricidae). *Bol. Soc. Biol. Concepcion* 56 (1985): 161-162.
- Chacko, M. J. 1977. The pine shoot-moth, *Petrova khasiensis* sp. nov. and its parasites in India. *Technical Bulletin of the Commonwealth Institute of Biological Control* 18: 33-48.
- Chadwick, C. E. 1981. Insects associated with the common *Pittosporum* (*P. undulatum*). *Circular Royal Zoological Society of New South Wales, Entomology Section No. 13*: 17-18.
- Chambers, B. Q., M. J. Samways & D. A. Ironside. 1995. Egg distribution of the fruit borers *Cryptophlebia leucotreta* (Meyrick) and *C. batrochopa* (Meyrick) (Lepidoptera: Tortricidae) and their egg parasitoid *Trichogrammatoides cryptophlebiae* Nagaraja (Hymenoptera: Trichogrammatidae) in macadamia trees in Malawi. *African Entomology* 3: 181-188.
- Chambon, J.-P., J.-P. Fabre & M. Kheneci. 1990. Trois nouvelles tordeuses d'Algérie nuisibles aux conifères: *Epinotia algeriensis* n. sp. (Olethreutinae, Eucosmini), *Lozotaenia cedrivora* n. sp. et *Dichelia numidicola* n. sp. (Tortricidae, Archipini) (Lep., Tortricidae). *Bulletin Societe Entomologique France* 95: 131-138.
- Chambon, J.-P., G. Genestier & B. Frerot. 1991. Systematique et biologie de *Lobesia bicinctana* Duponchel, 1844 (Lepidoptera, Tortricidae). *Nouv. Rev. Entomol.* 7 (1990): 227-240.
- Chambon, J.-P., C. Basso & I. B. Scatoni. 1997. Presence de *Bonagota cranaodes* (Meyrick) en Uruguay. *Bulletin de la Société Entomologique de France* 102: 455-456. [In French]

Chang, T. C. & C. C. Chen. 1989. Observations of three lepidopterous pests attacking leguminous vegetables in Taiwan. Bull. Taichung Dist. Agric. Improv. Sta. No. 24: 21-29.

Chapman, P. J. & S. E. Lienk. 1971. Tortricid fauna of apple in New York (Lepidoptera: Tortricidae); including an account of apple's occurrence in the state, especially as a naturalized plant. Spec. Publ. Geneva, NY, New York Agricultural Experiment Station. 122 pp.

Charlet, L. D. 1983. Insect stem fauna of native sunflower species in western North Dakota. Environmental Entomology 12(4): 1286-1288.

Charlet, L. D. & T. D. Gross. 1990. Bionomics and seasonal abundance of the banded sunflower moth (Lepidoptera: Cochylidae) on cultivated sunflower in North Great Plains. Journal of Economic Entomology 83: 135-141.

Chaudhary, J. P. 1977. First record of *Bactra minima* Meyr. (Tortricidae: Lepidoptera) on nutgrass. Indian Journal of Entomology 39: 90-91.

Cheema, M. A. & R. A. Syed. 1973. Seed- and cone-insects, pp. 50-60. In: Ghani, M. A. & M. A. Cheema (eds.), Biology, ecology and behaviour of principal natural enemies of major insect pests of forest trees in Pakistan. Commonwealth Institute of Biological Control Miscellaneous Publications 4: 1-100.

Chen, P., Maobin, G., Z. Rihong & Y. Peiji. 1997. A study on law of regularity and control of *Pelochrista* sp. Forest Research 10: 100-103.

Chepurnaya, V. I. & L. A. Myalova. 1981. [Pests and diseases of cherry trees.] Zashchita Rast. 1981: 53-54. [In Russian]

Chepurnaya, V. I. & L. N. Rybalov. 1981. [The rose leaf roller *Argyrotoza bergmanniana* on currant bushes.] Zashchita Rast. 1981: 54. [In Russian]

Chessman, O. D. 1996. Life histories of *Cochylis roseana* and *Endothenia gentianaeana* (Lepidoptera: Tortricidae) on wild teasel. Entomologist 115: 65-80.

Choi, K.-H., S.-W. Lee, D.-H. Lee, D.-A. Kim, S.-J. Suh & Y.-J. Kwon. 2004. Recent occurrence status of Tortricidae pests in apple orchards in Geoungbuk Province. Korean Journal of Applied Entomology 43: 189-194.

- Choong DB. 1996. Food plant data base and personal communications from Choong (Gaeden Robinson Database - BMNH).
- Chrétien, P. 1915. Contribution a la Connaissance des Lepidopteres du Nord de l'Afrique. Annales Societe de la Entomologique de France 84: 289-374.
- Cibrián-Tovar, D., B. H. Ebel, H. O. Yates & J. T. Mendez-Montiel (eds.). 1986. Cone and seed insects of the Mexican conifers. Southeastern Forest Experiment Station, U.S. Department of Agriculture.
- Clare, G. K. & P. Singh. 1988. A laboratory rearing method for *Epalxiphora axenana* on artificial diet and host plant. New Zealand Entomologist 11: 42-46.
- Clark, L. G. & T. J. Dennehy. 1988. Oviposition behavior of grape berry moth. Entomol. Exp. Appl. 47: 223-230.
- Clarke, J. F. G. 1930. Entomology. Report Prov. Museum of Natural History, British Columbia, 1929: 12-16.
- Clarke, J. F. G. 1934. Notes and new species of Microlepidoptera from Washington State. Canadian Entomologist 66: 171-181.
- Clarke, J. F. G. 1935. Notes and new species of Microlepidoptera from Washington State. Canadian Entomologist 67: 244-254.
- Clarke, J. F. G. 1947. The fauna and flora of the El Segundo San Dunes. 16. A new *Eucosma* from the El Segundo Sand Dunes. Bulletin of the Southern California Academy of Sciences 46: 5153.
- Clarke, J. F. G. 1951a. A new genus and species of North American Olethreutidae (Lepidoptera: Laspeyresiinae). Journal of the Washington Academy of Sciences 41: 46-47.
- Clarke, J. F. G. 1951b. New species of Olethreutidae from Argentina (Lepidoptera). Journal of the Washington Academy of Sciences 41: 296-299.
- Clarke, J. F. G. 1952. Two new species of Olethreutidae from California (Lepidoptera). Bulletin of the Southern California Academy of Sciences 51: 60-62.
- Clarke, J. F. G. 1953. New species of Olethreutidae from Illinois (Lepidoptera). Journal of the Washington Academy of Sciences 43: 226-231.

Clarke, J. F. G. 1956. Neotropical moths in the genus *Orthocomotis* (Lepidoptera: Tortricidae). Transactions of the Royal Entomological Society of London 107 (1955): 139-168.

Clarke, J. F. G. 1958a. The correct name for a pest of beans (Lepidoptera, Olethreutidae). Proceedings of the Entomological Society of Washington 60: 187.

Clarke, J. F. G. 1958b. Catalogue of the Type Specimens of Microlepidoptera in the British Museum (Natural History) described by Edward Meyrick, Vol 3. Trustees of the British Museum, London. 600 pp.

Clarke, J. F. G. 1963. Catalogue of the Type Specimens of Microlepidoptera in the British Museum (Natural History) described by Edward Meyrick, Vol 4. Trustees of the British Museum, London. 521 pp.

Clarke, J. F. G. 1968. Neotropical Microlepidoptera, XVII. Notes and new species of Phaloniidae. Proceedings of the United States National Museum 125 (3600). 58 pp.

Clarke, J. F. G. 1971. The Lepidoptera of Rapa Island. Smithsonian Contributions to Zoology 56. 282 pp.

Clarke, J. F. G. 1972. Two pests of beans from tropical America. Proceedings of the Entomological Society of Washington 74: 467-471.

Clarke, J. F. G. 1973. The genus *Eumarozia* Heinrich (Olethreutidae). Journal of the Lepidopterists' Society 27: 268-274.

Clarke, J. F. G. 1976. Microlepidoptera: Tortricoidea. Insects of Micronesia 9: 1-144.

Clarke, J. F. G. 1987. Two new species of *Cryptophlebia* Walsingham from Chile (Lepidoptera: Olethreutidae). Acta Entomologia Chileana 14: 7-12.

Clarke, S. R., F. M. Stephen & J. E. Dunn. 1990. Spatial distribution of the Nantucket pine tip moth (Lepidoptera: Tortricidae) in newly established loblolly pine plantations. Journal of Entomological Science 25: 209-215.

Cobb, P. 1994. Some more Norfolk galls. Norfolk Natterjack 45: 3-4.

Cobbinah, J. R. 1973. Natural variation in susceptibility of four species of

*Eucalyptus* to *Strepsicrates rothia* - Meyr. (Lepidoptera: Tortricidae). Planning Branch Entomology Report 4, Ghana Forestry Department.

Cock, M. J. W. 1987. *Lobesia occidentalis* (Falkovitch) (Lep., Tortricidae) and its parasitoids. Entomologist's Monthly Magazine 123: 106.

Cockfield, S. D., S. L. Butkewich, K. S. Samoil & D. L. Mahr. 1994a. Forecasting flight activity of *Sparganothis sulfureana* (Lepidoptera: Tortricidae) in cranberries. Journal of Economic Entomology 87: 193-196.

Cockfield, S. D., S. M. Fitzpatrick, K. Pattern, D. Henderson, T. Dittl, A. Poole, C. Shranks & D. Mahr. 1994b. Modeling of blackheaded fireworm (Lepidoptera: Tortricidae) oviposition and pheromone-trap catches. Journal of Economic Entomology 87(3): 787-792.

Cockfield, S. D. & D. L. Mahr. 1993. Consequences of feeding site selection on growth and survival of young blackheaded fireworm (Lepidoptera: Tortricidae). Environmental Entomology 22: 607-612.

Coenen, F. 1981. Cinquieme contribution a la connaissance des microlepidopteres de Belgique *Cydia interscindana* Moschler (Lep., Tortricidae) espece nouvelle pour la faune belge. Linneana Belg. 8: 359-362.

Coffee Research Services. 1963. An atlas of coffee pests and diseases. Nairobi, The coffee Board of Kenya.

Common, I. F. B. 1957. The occurrence of *Epinotia lantana* (Busck) (Lepidoptera: Olethreutidae) in Australia. Proceedings of the Linnean Society of New South Wales 82: 230-232.

Common, I. F. B. 1963. A new genus for the Australian lucerne leaf roller (Lepidoptera: Tortricidae). Proceedings of the Linnean Society of New South Wales 88: 298-300.

Common, I. F. B. 1965. A revision of the Australian Tortricini, Schoenotenini, and Chlidanotini (Lepidoptera: Tortricidae: Tortricinae). Australian Journal of Zoology 13: 613-726.

Common, I. F. B. 1973. A new species of *Tracholena* (Lepidoptera, Tortricidae) attacking plinkii pine in Papua New Guinea, with a description of the larva and pupa of *T. homopolia* from Australia. Journal of the Australian Entomological Society 12: 301-306.

Common, I. F. B. 1982. Two new species of *Tracholena* Common (Lepidoptera: Tortricidae) feeding on *Araucaria* in Queensland and Norfolk Island. Journal of the Australian Entomological Society 21: 221-224.

Common, I. F. B. 1990. Moths of Australia. Melbourne University Press, Carlton. 535 pp.

Commonwealth Institute of Entomology. 1981. Pest: *Cydia pyrivora* (Danilevskii) (Lep., Tortricidae). Distribution Maps Pests (Ser. A) No. 422.

Comstock, J. A. 1939. A new *Sparganothis* with notes on early stages (Lepidoptera: Tortricidae). Bulletin of the Southern California Academy of Sciences 38: 120-121.

Comstock, J. A. 1940. Four new California moths with notes on early stages. Bulletin of the Southern California Academy of Sciences 38 (1939): 120-121.

Constant, M. A. 1888. Descriptions de Lepidopteres nouveaux ou peu connus. Annls Soc. Entomol. Fr. (6) 8: 161-172.

Conway, G. R. & E. B. Tay. 1969. Crop pests in Sabah, Malaysia, and their control. State Ministry of Agriculture & Fisheries, Sabah. 73 pp.

Coquillet, D. W. 1894. Report on some of the injurious insects of California. The orange leaf roller (*Tortrix citrana* Fernald), pp. 22-36. In: Riley, USDA Agricultural Entomol. Bulletin 32: 22-36.

Cordingley, C. L. & W. Danthanarayana. 1976. The lepidopterous fauna of capeweed (*Arctotheca calendula*) in Victoria with keys for larval identification. Journal of the Australian Entomological Society 15: 19-34.

Corio-Costet, M. F. & N. Mondy. 1997. Effects of plant extracts containing phytoecdysteroides on the development of a pest, *Lobesia botrana*. Annales ANPP 2(3): 381-388.

Corley, M. F. V. 1992. The summer brood of *Dichrorampha acuminatana* (Lienig & Zeller) (Lep., Tortricidae). Entomologist's Record and Journal of Variation 104: 159-160.

Coscolla, R. & M. Davila-Zurita. 1983. Influence des facteurs climatiques sur la severite des attaques de *Lobesia botrana* dans le vignoble de la region de Valence. EPPO Bull. 13: 97-102.

Costa Lima, A. 1927. Microlepidoptere nouveau, dont la chenille devaste les orangers du Distrito Federal (Brasil). Soc. Bras. Biol. 98: 835-837.

Costa Lima, A. 1931. *Amorbia catenana* (Wlsm.), microlepidoptero que de desenvolve na banana (Tortricoidea: Sparganothidae). Boletim Biologico 18: 39-43.

Costa Lima, A. 1945. Insectos do Brasil 5, Lepidópteros, part 1. Escola Nacional Agronomia, Brazil. 379 pp.

Costa Lima, A. 1952. Sobre dois microlepidopteros (Torticoidea, Grapholitidae). Memorias do Instituto Oswaldo Cruz (Río de Janeiro) 50: 249-253.

Coste, R. 1955. Les cafeiers et les café dans le monde. Volume 1. Paris, Larose.

Cote, W. A. & D. C. Allen. 1973. Biology of the maple trumpet skeletonizer, *Epinotia aceriella* (Lepidoptera: Olethreutidae) in New York. Canadian Entomologist 105: 463-470.

Couilloud, R. 1994. *Cryptophlebia leucotreta* (Meyrick) (Lepidoptera: Tortricidae), pp. 207-213. In Matthews, G. A. & J. P. Tunstall (eds.), Insect pests of cotton. CAB International, Wallingford.

Coutin, R. & A. Chavagnat. 1978. La tordeuse de la laitue, *Eucosma conterminana* (H.-S.) enemie des cultures porte-graine. Revue Zool. Agric. Path. Veg. 77: 58-74.

Coyne, J. F. 1968. *Laspeyresia ingens*, a seedworm infesting cones of longleaf pine. Annals of the Entomological Society of America 61: 1116-1122.

Craighead, F. C. 1950. Insect enemies of eastern forests. U.S. Department of Agriculture Miscellaneous Publications No. 657.

Cram, W. T. & N. V. Tonks. 1959. Note on the occurrence in British Columbia of the omnivorous leaf tier, *Cnephiasia longana* (Haw.) (Lepidoptera: Tortricidae), as a pest of strawberry. Canadian Entomologist 91: 155-156.

Criddle, N. 1920. Popular and practical entomology. Fragments in the life-habits of Manitoba insects - II. Canadian Entomologist 52: 121-125.

- Cumming, M. E. P. 1954. Notes on the spruce needle miner, *Taniva albolineana* Kft. (Olethreutidae: Lepidoptera).
- Cunningham, S. A. 1997. Predator control of seed production by a rain forest understory palm. *Oikos* 79: 282-290.
- Currado, I., P. L. Scaramozzino & M. Palenzona. 1983. Osservazioni sul comportamento di *Rhyacionia buoliana* Den. et Sch. su *Pinus strobus* L. (Lepidoptera, Tortricidae). Nota preventiva. *Atti Congr. Naz. Ital. Entomol.* 13: 371-374.
- Dai, H. G, S. K. Yue & G. C. Zhang. 1988. Two species of new pests of Eucosmidae attacking *Pinus sylvestris* var. *mongolica*. *J. Northeast. For. Univ.* 16: 106-109.
- Daiber, C. C. 1979. A study of the biology of the false codling moth (*Cryptophlebia leucotreta* Meyr.)): the egg. *Phytophylactica* 11: 129-132.
- Daiber, C. C. 1979. A study of the biology of the false codling moth (*Cryptophlebia leucotreta* Meyr.)): the larva. *Phytophylactica* 11: 141-144.
- Daiber, C. C. 1979. A study of the biology of the false codling moth (*Cryptophlebia leucotreta* Meyr.)): the cocoon. *Phytophylactica* 11: 151-157.
- Daiber, C. C. 1980. A study of the biology of the false codling moth (*Cryptophlebia leucotreta* Meyr.)): the adult and generations during the year. *Phytophylactica* 12: 187-193.
- Daiber, K. C. 1989. Die Falsche Obstmade, *Cryptophlebia leucotreta* (Meyr.) (Lepidoptera: Tortricidae) im sudlichen Afrika. *Z. Pflanzenkr Pflanzenschutz* 96: 71-80.
- Dang, P. T. 1984. A new species of *Cochylis* Treitschke (Lepidoptera: Cochylidae) from Saskatchewan. *Canadian Entomologist* 116: 253-256.
- Dang, P. T. 1993. First North American records of *Epinotia abbreviana* (Tortricidae), a European pest of *Ulmus* species. *Journal of the Lepidopterists' Society* 47: 55-59.
- Danilevsky, A. A. & V. I. Kuznetsov. 1968. Tortricidae: Tribe Laspeyresiini, Fauna USSR (Insecta-Lepidoptera) 5(1): 1-635. Moscow/Leningrad. [In Russia]

d'Araújo Silva, A. G., C. R. Gonçalves, D. M. Galvão, A. J. L. Gonçalves, J. Gomes, M. do Nascimento Silva & L. de Simoni, L. 1968. Quarto catálogo do Insetos que vivem nas plantas do Brasil, seus parasitos e predadores. 2(1): i-xxvii + 1-622, Ministério da Agricultura, Rio de Janeiro.

Das, G. M. 1965. Pests of tea in north-west India and their control. Tea Research Association, Tocklai Experimental Station Memorandum Number 27. 115 pp.

Daviault, L. & R. Ducharme. 1966. Life history and habits of the green spruce leaf miner, *Epinotia nanana* (Treitschke) (Lepidoptera: Tortricidae). Canadian Entomologist 98: 693-699.

David, B. V. & A. V. N. Paul. 1975. Insect pest records on guava. Entomologists Newsletter Dir. Entomol. Indian Agricultural Research Institute 5(5): 29.

Dean, G. A. 1928. *Tortrix pallorana* on alfalfa. Kansas Agricultural Experiment Station Report 28.

de Armas, L. F & Nunez, R. 2005. Malpighiaceae: nueva familia de plantas hospederas de *Platynota rostrana* Walcker, 1863 (Lepidoptera: Tortricidae) [Malpighiaceae: a new family of host plant for *Platynota rostrana* Walker, 1863 (Lepidoptera: Tortricidae)]. Boletin de la S.E.A. 36: 354.

De Benedictis, J. A. 1985. The pupa of *Lotisma trigonana* and some characteristics of the Copromorphidae (Lepidoptera). Journal of Research on the Lepidoptera 24: 132-135.

De Benedictis, J. A., D. L. Wagner & J. B. Whitfield. 1990. Larval hosts of Microlepidoptera of the San Bruno Mountains, California. Atala 16: 14-35.

DeBoo, R. F., W. L. Sippell & H. R. Wong. 1971. The eastern pine-shoot borer, *Eucosma gloriola* (Lepidoptera: Tortricidae) in North America. Canadian Entomologist 103: 1473-1486.

Debnath, S. & S. C. Das. 1995. Outbreak of *Cerace tetraonis* Butl., a new record of tea pest from north east India. Two and a Bud 42(1): 37-39.

DeBouzie, D., A. Heizmann, E. Desouhant & F. Menu. 1996. Interference at several temporal and spatial scales between two chestnut insects. Oecologia 108: 151-158.

Decker, G. C. 1932. Biology of the Bidens borer, *Epiblema otiosana* Clemens (Lepidoptera: Olethreutidae). Journal of the New York Entomological Society 40: 503-509.

De Groot, P. 1998. Life history and habits of the white pine cone borer, *Eucosma tocullionana* (Lepidoptera: Tortricidae). Canadian Entomologist 130: 79-90.

De Groot, P., G. G. Grant, R. W. Nott & D. Langevin. 1998. Seasonal and diurnal flight activity of male *Eucosma gloriola* (Lepidoptera: Tortricidae). Canadian Entomologist 130: 377-381.

de Jardine, N. K. 1918. The tea tortrix (*Homona coffearia* Neitn.). Ceylon Department of Agriculture, Peradeniya, Bulletin No. 40.

de la Cruz, R. E., S. L. Llanto & L. M. Teodoro. 1984. Relationships between nutrient content in soils and tissues and the incidence of needle blight and shoot moth in Benguet pine. Sylvatrop. 9: 1-20.

Delisle, J. & M. Hardy. 1997. Male larval nutrition influences the reproductive success of both sexes of the spruce budworm, *Choristoneura fumiferana* (Lepidoptera: Tortricidae). Functional Ecology 11: 451-463.

Denmark, H. A. 1960. Some observations on the biology of *Anchylopera platanana* Clemens (Lepidoptera: Olethreutidae) in Florida. Florida Entomologist 43: 81-87.

Den Otter, C. J., A. De Cristofaro, K. E. Voskamp & G. Rotundo. 1996. Electrophysiological and behavioural responses of chestnut moths, *Cydia fagiglandana* and *C. splendana* (Lep., Tortricidae), to sexual attractants and odours of host plants. Journal of Applied Entomology 120: 413-421.

Devasahayam, S. & K. M. Abdulla Koya. 1993a. Seasonal incidence of hymenopterous parasitoids of top shoot borer, *Cydia hemidoxa* Meyrick (Lepidoptera: Tortricidae) on black pepper. Journal of Entomological Research (New Delhi) 17(3): 205-207.

Devasahayam, S. & K. M. Abdulla Koya. 1993b. Additions to the insect fauna associated with tree species. Entomon 18(1-2): 101-102.

Devasahayam, S. & K. M. Abdulla Koya. 1994. Seasonal incidence of *Hexameris* sp. (Dor., Merminthidae) parasitizing larvae of top shoot borer *Cydia hemidoxa* Meyr. (Lep., Tortricidae) on black pepper. Journal of Applied

Entomology 117: 31-34.

Dever, D. A. 1957. Notes on the biology of the cherry fruit worm in Wisconsin. Wisconsin Academy of Sciences, Arts and Letters Transactions 45: 111-124.

Dhileepan, K. 2001. Effectiveness of introduced biocontrol insects on the weed *Parthenium hysterophorus* (Asteraceae) in Australia. Bulletin of Entomological Research 91: 167-176.

Dhileepan, K. & R. McFadyen. 1997. Biological control of parthenium in Australia: progress and prospects. In Mahadevappa, M. & V. C. Patil (eds.), The Proceedings of the 1<sup>st</sup> International Conference on Parthenium Management. University of Agricultural Sciences, Dharwad, India.

Diadechko, N. P., V. S. Shelestova, O. I. Goncharenko & T. R. Stefanovska. 1998. The use of natural agents for crop protection against *Tortrix* pests complex in Ukraine. Meded. Facul. Landbouw. Toeg. Biol. Weten. Univ. Gent 63: 497-502.

Diakonoff, A. 1939a. The genera of Indo-Malayan and Papuan Torticidae. Zoologische Mededeelingen (Leiden) 21: 111-240.

Diakonoff, A. 1939b. On some Indian Tortricidae (Lepidoptera). Records of the Indian Museum 41: 231-233.

Diakonoff, A. 1941a. Tortricidae chiefly from the collection of the Institute for Plant Diseases at Buitenzorg. Treubia 18: 377-392.

Diakonoff, A. 1941b. Notes and descriptions of Microlepidoptera (1). Treubia 18: 395-439.

Diakonoff, A. 1948. Records and descriptions of Microlepidoptera (2). Treubia 19: 483-524.

Diakonoff, A. 1950. A revision of the family Ceracidae (Lepidoptera Tortricoidea). Bulletin of the British Museum (Natural History) (Entomology) 1: 173-219.

Diakonoff, A. 1954. Records and descriptions of Microlepidoptera (7). Zoologische Verhandelingen (Leiden) 22: 1-58.

Diakonoff, A. 1960. A second note on Microlepidoptera from South China

(Lepidoptera, Tortricidae). Beiträge zur Entomologie 10: 132-133.

Diakonoff, A. 1961. Records and descriptions of exotic Tortricoidea. Annls de la Société Entomologique de France 130: 49-76.

Diakonoff, A. 1962. Preliminary survey of the Palaearctic species of the subgenus *Bactra* Stephens (*Bactra*, Tortricidae, Lepidoptera). Zoologische Verhandelingen (Leiden) 59. 48 pp. + plates.

Diakonoff, A. 1964a. Further records and descriptions of species of *Bactra* Stephens (Lepidoptera, Tortricidae). Zoologische Verhandelingen Rijksmuseum van Nastuurlijke Historie (Leiden) 70: 1-81.

Diakonoff, A. 1964b. Early stages of the "Cericidae" (Lepidoptera), with remarks on the true position of the group. Zoologische Mededelingen, Rijksmuseum van Nastuurlijke Historie (Leiden) 39: 59-66.

Diakonoff, A. 1968a. Microlepidoptera of the Philippine Islands. Bulletin of the United States National Museum 257: 1-484.

Diakonoff, A. 1968b. Descriptions of exotic Microlepidoptera. Zoologische Mededelingen (Leiden) 43: 1-7.

Diakonoff, A. 1969. A new tortricid injurious to cedar in France [Lepidoptera]. Annles de la Société Entomologique de France (N.S.) 5(2): 389-396.

Diakonoff, A. 1969. Tortricidae from the Seychelles and Aldabra (Lepidoptera). Tijdschr. voor Entomol. 112(3): 81-100.

Diakonoff, A. 1970. Notes on the Ceracini (Lepidoptera, Tortricidae). Tijdschrift voor Entomologie 113: 91-103.

Diakonoff, A. 1971. South Asiatic Tortricidae from the Zoological Collection of the Bavarian State (Lepidoptera). Veröffentlichungen der Zoologischen Staatssammlung München 15: 167-202.

Diakonoff, A. 1972a. Description of a new species of Laspeyresiini from the Balearic Islands (Lepidoptera, Tortricidae). Entomologische Berichten (Amsterdam) 32: 65-68.

Diakonoff, A. 1972b. Remarks on *Matsumurases* Issiki, with descriptions of new species (Lepidoptera, Tortricidae, Laspeyresiini). Tijdschrift voor

Entomologie 115: 241-252.

Diakonoff, A. 1973. The South Asiatic Olethreutini (Lepidoptera, Tortricidae). Zoologische Monographieen van het Rijksmuseum van Natuurlijke Historie 1. 699 pp.

Diakonoff, A. 1976. New and rare Mediterranean Laspeyresiini collected by Dr. J. Klimesch (Lepidoptera, Tortricidae). Zoologische Mededelingen (Leiden) 50: 91-105.

Diakonoff, A. 1977. Tortricidae and Choreutidae from Reunion [Lepidoptera]. Ann. Soc. Entomol. France (N.S.) 13: 101-116.

Diakonoff, A. 1982. On a collection of some families of Mircolepidoptera from Sri Lanka (Ceylon). Zoologische Verhandelingen, Leiden 193. 124 pp.+ figs.

Diakonoff, A. 1983. Insects of Saudi Arabia, Lepidoptera: Fam. Tortricidae, Choreutidae, Brachodidae and Carposinidae, pp. 240-287. In Wittmer, W. & W. Büttiker (eds.), Fauna of Saudi Arabia 5. 663 pp.

Diakonoff, A. 1984. Wissenschaftliche Ergebnisse der Sumba-Expedition des Museums für Volkerkunde und des Naturhistorischen Museum in Basel, 1949. Microlepidoptera. Part 3. Entomologica Basiliensia 9: 373-431.

Diakonoff, A. 1989. Remarks on *Bactra* Stephens, with the description of two new species, from Bahrein and Nepal (Lepidoptera: Tortricidae: Olethreutinae). Nota Lepid. 11: 242-250.

Diakonoff, A. & Y. Arita. 1981. The early stages of *Thaumatographa eremnotorna* Diakonoff & Arita, with remarks on the status of the Hilarographini (Lepidoptera: Tortricoidea). Entomol. Ber., Amsterdam 41: 56-60.

Diakonoff, A. & J. D. Bradley. 1976. A new species of *Anathamna* Meyrick (Lepidoptera, Tortricidae) on *Toona sureni* in Papua New Guinea. Bulletin of Entomological Research 66: 401-404.

Diakonoff, A., S. A. Ulenberg & L. Vari. 1985. A new tortricid of *Nerine* plants originating from southern Africa (Lepidoptera, Tortricidae). Tijdschrift voor Entomologie 127 (1984): 225-234.

Diatloff, G. & W. A. Palmer. 1988. The host specificity and biology of *Aristotelia ivae* Busck (Gelechiidae) and *Lorita bacchivora* Pogue (Tortricidae), two Microlepidoptera selected as biological control agents for *Baccharis halimifolia* (Asteraceae) in Australia. Proceedings of the Entomological Society of Washington 90: 458-461.

Diniz, I. R. & H. C. Morais. 1995. Larvas de Lepidoptera e sus plantas hospedrias en un cerrado de Brasilia, D. F., Brazil. Revista Bras. Entomol. 39: 755-770.

Dinkins, R. L. & W. Reid. 1988. Pecan stem phylloxera (Homoptera: Phylloxeridae) galls as oviposition sites for overwintering generation of hickory shuckworm (Lepidoptera: Tortricidae) in native pecan groves. Journal of the Kansas Entomological Society 61: 428-432.

Disque, H. 1908. Versuch einer microlepidopterologischen Botanik. Deutsch Entomologische Zeitschrift Iris (1908): 34-147.

Dixon, W. N. 1987. Nantucket pine tip moth, *Rhyacionia frustrana* (Comstock) (Lepidoptera: Tortricidae). Florida Department of Agriculture and Consumer Service, Division of Plant Industry, Entomology Circular No. 298

Dodds, K. A., K. M. Clancy, K. J. Leyva, D. Greenburg & P. W. Price. 1996. Effects of Douglas-fir foliage age class on western spruce budworm oviposition choice and larval performance. Great Basin Naturalist 56: 135-141.

Dodge, H. R. 1957. Defoliating insects in the northern Rocky Mountains in 1955. Northwest Sci. 31: 38-42.

Doganlar, M. & T. Doken. 1985. *Gypsonoma minutana* (Lepidoptera, Olethreutidae) and its natural enemies in eastern Anatolia. Turkiye Bitki Kor. Derg. 9: 199-206.

Donnelly, D. & K. Stewart. 1990. An indigenous tortricid moth on the seeds of the alien weed *Acacia cyclops* in South Africa: a potential for biological control. Journal of the Entomological Society of South Africa 53: 201-202.

Doo, P. C. & B. H. Byun. 1986. Bionomics and attack pattern of cone and seed insects of pines: *Gravitarmata margarotana* (Lepidoptera: Olethreutidae) and *Dioryctria abietella* (Lepidoptera: Pyralidae). Res. Rept. For. Res. Inst. Korea 33: 132-139.

Downes, W. 1929. The cherry fruit worm (*Grapholita packardi* Zell.). British Columbia Entomological Society Proceedings 26: 34-43.

Downey, P. O., R. H. Holtkamp, J. E. Ireson, R. M. Kwong & A. E. Swirepik. 2007. A review of the *Chrysanthemoides monilifera* biological control program in Australia: 1987-2005. Plant Protection Quarterly 22(1): 24-32. [bitou leaf-roller "*Tortrix*"]

Dugdale, J. D. 1966. A revision of the New Zealand Schoenotenini and Cnephasiini (Lepidoptera: Tortricidae: Tortricinae). New Zealand Journal of Science 9: 731-775.

Dugdale, J. D. 1971. Entomology of the Aucklands and other islands south of New Zealand: Lepidoptera, excluding non-crambine Pyralidae. Pacific Insects Monographs 27: 55-172.

Dugdale, J. D. 1993. Manuscript list of pteridophagous New Zealand Lepidoptera and their hosts (from Gaden Robinson, BMNH).

Dugdale, J. S. 2005. Three new species of *Tracholena* Common, 1965 (Lepidoptera: Tortricidae: Tortricinae: Schoenotenini) from New Caledonia associated with Araucariaceae. Zootaxa 870: 1-16.

Dugdale, J. S., Gleeson, D., Clunie, L. H., and Holder, P. W. 2005. A diagnostic guide to Tortricidae encountered in field surveys and quarantine inspections in New Zealand: morphological and molecular characters. MAF Biosecurity Authority, Wellington, New Zealand. 163 pp.

du Merle, P. S. 1981. Variabilite genetique et adaptation a l'hote chez *Tortrix viridana* L. (Lep., Tortricidae). Comptes Acad. Sci. Paris (Ser. III) 292: 519-522.

du Merle, P., S. Avolio & J. P. Chambon. 1990. Sulla presenza di *Choristoneura murinana* (Hb.) e di due altri lepidotteri tortricidi nelle abetine di Calabria e di Lucania. Ital. For. Mont. 45: 197-212.

du Merle, P., S. Brunet, J. P. Chambon, J.-F. Cornic & J.-P. Fabre. 1989. Colonisation d'un vegetal introduit (*Cedrus atlantica*) et de nouveaux milieux bioclimatiques par un insecte phytophage: *Choristoneura murinana* (Lep., Tortricidae). Acta Oecol. Oecol. Appl. 10: 289-301.

du Merle, P., S. Brunet & J.-F. Cornic. 1992. Polyphagous potentialities of *Choristoneura murinana* (Hb.) (Lep.: Tortricidae): A "monophagous" folivore

- extending its host range. *Journal of Applied Entomology* 113: 18-40.
- du Merle, P. & J.-F. Cornic. 1989. Repartition, niveaux de population et risques de pulluation de la tordeuse du sapin *Choristoneura murinana* (Lepidoptera: Tortricidae), en France. Resultats d'une enquete par piegeage sexuel. *Ann. Soc. Entomol. France* 25: 265-288.
- du Merle, P. & J.-F. Cornic. 1991. Monitoring the reproductive capacity of *Choristoneura murinana* (Lepidoptera: Tortricidae) populations by measuring the size of male moths caught in sex pheromone traps. *Acta Ecol.* 12: 368-383.
- du Merle, P. & D. Geraud. 1988. Estimation des niveaux d'infestation passes de la tordeuse du sapin *Choristoneura murinana* (Hb.) (Lep., Tortricidae) par analyse retrospective des pertes de feuillage et de croissance des arbres. *Ann. Sci. For.* 45: 357-381.
- du Merle, P. & R. Mazet. 1992. [Interaction dynamics of a Mediterranean population of *Tortrix viridana* (Lepidoptera: Tortricidae).] *Ecologia Mediterranea* 16 (1990): 73-91. [In French]
- Dunn, T. C. 1991. An investigation into an insect epidemic on Harnisha Hill, County Durham. *Vasculum* 76: 33-36.
- Durdyev, S. K. & S. N. Myartseva. 1992. *Apotomis luzotana* Kenn. (Lepidoptera: Tortricidae) and its parasites in southern Turkmenistan. *Izv. Akad. Nauk Turkm. Ser. Biol. Nauk* 1992 (4): 37-43. [In Russian]
- Dyar, H. 1901. Notes on the winter Lepidoptera of Lake Worth, Florida. *Proceedings of the Entomological Society of Washington* 4: 446-485.
- Dyar, H. G. 1902. Descriptions of the larvae of some moths from Colorado. *Proceedings of the U.S. National Museum* 25: 369-412.
- Dyar, H. G. 1903. New North American Lepidoptera, with notes on larvae. *Proceedings of the Entomological Society of Washington* 5: 290-298.
- Dyar, H. G. 1904. The Lepidoptera of Kootenai district of British Columbia. *Proceedings of the United States National Museum* 27: 779-938.
- Dyar, H. G. 1906. Descriptions of four new species of North American moths. *Journal of the New York Entomological Society* 14: 107-108.

Easterbrooke, M. A. 1986. Damage to blueberry (*Vaccinium corymbosum*) by *Cacoecimorpha pronubana* (Hübner). Entomologist's Record and Journal of Variation 98: 218.

Ebel, B. H., T. H. Flavell, L. E. Drake, H. O. Yates & G. L. DeBarr. 1975. Seed and cone insects of southern pines. General technical Report/SE-8, USDA-Forest Service, Southern Forest Experiment Station. 39 pp.

Ebeling, W. 1959. Subtropical fruit pests. University of California Division of Agricultural Sciences. 436 pp.

Eck, P. 1990. The American cranberry. Rutgers University Press, New Brunswick, NJ.

Economides, C. V. 1979. False codling moth, a serious pest of citrus in Zambia. Farming in Zambia 12 (2): 4.

Edwards, D. R. & J. K. Wangberg. 1985. Life history of *Synalocha gutierreziae* Powell (Lepidoptera: Tortricidae) on snakeweed (Asteraceae: Gutierrezia spp.) Pan-Pacific Entomologist 61: 358-365.

Eikenbary, R. D., R. K. Campbell, G. H. Hedger & L. M. McDonough. 1991. Influences of *Phylloxera notabilis* Pergande on *Cydia caryana* (Fitch) populations on *Carya illinoensis* (Wang) genotypes. Symp. Biol. Hung. 39: 403-409.

Eiras, A. E., A. Kovaleski, E. F. Vilela, J. P. Chambon, C. R. Unelius, A.-K. Borg-Karlson, I. Liblikas, R. Mozuraitis, M. Bengtsson & P. Witzgall. 1999. Sex pheromone of the Brazilian apple leafroller, *Bonagota cranaodes* Meyrick (Lepidoptera, Tortricidae). Zeit. Naturfor. (C) J. Biosci. (Tubingen) 54: 595-601.

Ellenberger, J. S. & E. A. Cameron. 1977. The spatial distribution of oak leafroller egg masses on primary host trees. Environmental Entomology 6: 101-106.

Ely, C. R. 1910. Descriptions of new North American Microlepidoptera. Proceedings of the Entomological Society of Washington 12: 67-73.

Emelianov, I., J. Mallet & W. Baltensweiler. 1995. Genetic differentiation in *Zeiraphera diniana* (Lepidoptera: Tortricidae, the larch budmoth): polymorphism, host races or sibling species? Heredity 75: 416-424.

Emmet, A. M. 1978. The larval feeding of *Epinotia nanana* (Treitschke) (Lepidoptera: Tortricidae). *Entomologist's Gazette* 29: 290.

Emmet, A. M. 1991. Chart showing the life history and habits of the British Lepidoptera. In: Emmet, A. M. (ed.), *The moths and butterflies of Great Britain and Ireland*, 7: 61-301.

Emmet, A.M. 1992. Life history and habits of the British Lepidoptera. Pp. 61-300. In: Emmet, A.M. & J. Heath (eds.), *The Moths and Butterflies of Great Britain and Ireland*, 7. 400 pp., Harley Books, Colchester.

Espelie, K. E. & J. J. Brown. 1990. Cuticular hydrocarbons of species which interact on four trophic levels: apple, *Malus pumila* Mill.; codling moth, *Cydia pomonella* L.; a hymenopteran parasitoid, *Ascogaster quadridentata* Wesmael; and a hyperparasite, *Perilampus fulvicornis* Ashmead. *Comp. Biochem. Physiol. B Comp. Bicochem* 95: 131-136.

Essig, E. O. 1926. *Insects of western North America*. MacMillan Co., New York. 1035 pp.

Evans, D. 1969. *Laspeyresia pseudotsugae* n. sp. (Lepidoptera: Oletherutidae), a bark miner in Douglas-fir. *Canadian Entomologist* 101: 955-963.

Evans, D. E. 1968. Coffee tortrix caterpillars. *Kenya Coffee* 33: 195, 197.

Evans, D. E., O. Andrade, and W. M. Mathenge. 1968. The biology and control of *Archips occidentalis* (Wals.) and *Tortrix dinota* Meyr. (Lepidoptera: Tortricidae) on coffee in Kenya. *Journal of the Entomological Society of South Africa* 31: 133-140.

Ezueh, M. I. 1983. Observations on the oviposition behaviour of the cowpea moth, *Cydia ptychora* (Meyrick). *East African Agriculture and Forest Journal* 45 (1979): 1-9.

Ezueh, M. I. & L. O. Amusan. 1988. Cowpea insect damage as influenced by the presence of weeds. *Agric. Ecosyst. Environ.* 21: 255-263.

Ezzat, Y. M. & N. H. Nazmi. 1970. Survey of the leaf-roller moths in U.A.R. (Tortricidae: Lepidoptera). United Arab Republic, Ministry of Agriculture and Agrarian Reform, Plant Protection Department, Technical Bulletin No. 1: 1-58 pp.



Faber, B. A., P. A. Phillips, L. J. Marais, B. B. Westerdahl & U. C. Kodira. 2001. Integrated pest management guide for avocado. University of California Statewide Integrated Pest Management Project, Division of Agriculture and Natural Resources, Publication 3436.

Fabre, J.-P. 1994. Etat actuel des connaissances sur les ravageurs originaires de l'aire naturelle des cedres parvenus en France, colonisation par les insectes d'un nouvel ecosystème forestier. Annales de la Recherche Forestière au Maroc. 27(2) (special) 1994: 539-551.

Fabre, J.-P. 1997. Geographical distribution of the tortricid moth *Epinotia cedricola* (Lepidoptera: Tortricidae) within the natural and artificial ranges of *Cedrus atlantica* and *C. libani*. European Journal of Entomology 94: 485-494.

Falldt, J., M. Jonsell, G. Norlander & A.-K. Borg-Karlsson. 1999. Volatiles of bracken fungi *Fomitopsis pinicola* and *Fomes fomentarius* and their functions as insect attractants. Journal of Chemical Ecology 25: 567-590.

Fan San, Y. & R. Alain. 1988. New pest of spruce cones - the lustrous spruce cone moth (Lepidoptera: Tortricidae) in northwestern China. J. Northeast. For. Univ. 16(6): 92-95.

Farahbakhsh, G. 1961. Checklist of economically important insects and other enemies of plants and agricultural products in Iran. Department of Plant Protection, Ministry of Agriculture, Publication No. 1. 153 pp.

Fjelddalen, J. 1964. Insect species recorded as new pests on cultivated plants in Norway 1946-62. Norsk Entomologisk Tidsskrift 12: 129-141.

Fennah, R. G. 1942. The "orange moth" of Dominica, B.W.I. Tropical Agriculture 19: 73-78.

Ferguson, D. C. 1975. Host records for Lepidoptera reared in eastern North America. United States Department of Agriculture Technical Bulletin 1521. 49 pp.

Ferguson, I. 1995. A unusual foodplant for *Hedya pruniana* Hb. (Lep., Tortricidae). Entomologist's Record and Journal of Variation 107: 131.

Fernald, C. H. 1879. Tortricidae. Canadian Entomologist 11: 155-158.

Fernald, C. H. 1882a. A synomical catalogue of the described Tortricidae of North America, north of Mexico. *Transactions of the American Entomological Society* 10: 1-64.

Fernald, C. H. 1882b. Descriptions of new species of Tortricidae. *Transactions of the American Entomological Society* 10: 65-72.

Fernald, C. H. 1901. New Pyralidae and Tortricidae from Palm Beach, Florida. *Journal of the New York Entomological Society* 9: 49-51.

Ferris, C. D. 2005. A new species of *Eucosma* Hübner from the western United States (Lepidoptera: Tortricidae: Eucosmini). *Zootaxa* 806: 1-8.

Fischlin, A. & W. Baltensweiler. 1979. Systems analysis of the larch bud moth system. Part 1: the larch-larch bud moth relationship. *Mitteilungen Schweiz. Entomol. Gesel.* 52: 273-289.

Fitzpatrick, S. M. & J. T. Troubridge. 1993. Fecundity, number of eggs, and egg size of successive generations of the blackheaded fireworm (Lepidoptera: Tortricidae) on cranberries. *Environmental Entomology* 22: 818-823.

Fleming, R. A. 1996. Forest-insect defoliator interaction in Canada's forests in a warming climate, pp. 93-101. In Floyd, R. B., A. W. Sheppard & P. J. De Barro (eds.), *Frontiers of population ecology*. CSIRO Publishing, Victoria, Australia.

Fletcher, T. B. 1914. Some South Indian insects and other animals of importance considered especially from an economic point of view. Madras, India. 565 pp.

Fletcher, T. B. 1921. Life histories of Indian insects, Microlepidoptera. II. Carposinidae, Phaloniidae, Tortricidae and Eucosmidae. *Mem. Dept. Agric. India, Entomol. Ser.*, vol. 6 (2) (1920): 33-68.

Fletcher, T. B. 1929. A list of generic used for Microlepidoptera. *Mem. Dept. Agric. India, Entomol. Ser.*, vol. 11.

Fletcher, T. B. 1932. Life histories of Indian insects, Microlepidoptera, second series. The Imperial Council of Agricultural Research, Sci. Monogr. 2. 58 pp.

Fletcher, T. B. 1940. A new eucosmid moth attached to *Palas* (Eucosmidae, Lepidoptera). *Indian Journal of Entomology* 2: 183-184.

- Fluke, C. L. 1921. The pea moth in Wisconsin. *Journal of Economic Entomology* 14: 94-98.
- Folkerts, G. W. 1982. The Gulf Coast pitcher plant bogs. *American Scientist* 70: 260-267.
- Foltz, J. L. & G. M. Blakeslee. 1989. Insects associated with the intensive culture of *Pinus elliottii* and *P. taeda* in Florida, pp. 19-26. In: Alfaro, R. I. & S. G. Glover (ed.), *Insects affecting restoration: biology and damage*. Forestry Canada, Pacific & Yukon Region, Victoria, Canada. 256 pp.
- Forbes, W. M. T. 1923. The Lepidoptera of New York and neighboring states. Primitive forms, Microlepidoptera, Pyraloids, Bombyces. Cornell Univ. Agric. Exp. Sta., Mem. 68. 729 pp.
- Forcella, F. 1978. Irregularity of pinyon cone production and its relation to pinyon cone moth predation. *Madroño* 25: 170-172.
- Forcella, F. 1979. Mast fruiting in trees: why and how in cembroid pines. *Dissertation Abstract Int. (B)* 40(5): 2031.
- Ford, L. T. 1949. A guide to the smaller British Lepidoptera. South London Entomological and Natural History Society, London, England. 230 pp.
- Foster, S. P. & A. J. Howard. 1998. Influence of stimuli from *Camellia japonica* on oviposition behavior of generalist herbivore *Epiphyas postvittana*. *Journal of Chemical Ecology* 24: 1251-1275.
- Foster, S. W. & P. R. Jones. 1909. Additional observations on the lesser apple worm. U.S. Department of Agriculture, Bureau of Entomology Bulletin 80 (Part 3): 45-50.
- Fowler, S. V., A. H. Gourlay, R. H. Hill & T. Withers. 2004. Safety in New Zealand weed biocontrol: a retrospective analysis of host-specificity testing and the predictability of impacts on non-target plants, pp. 265-270. In Cullen, J. M., Briese, D. T., Kriticos, D. J., Lonsdale, W. M., Morin, L. & Scott, J. K. (eds.), *Proceedings of the XI International Symposium on Biological Control of Weeds*, Canberra, Australia, 27 April - 2 May, 2003. CSIRO Entomology, Canberra.
- Fox, B. W. 2004. A study of the guild of Lepidoptera foraging on honeysuckle, *Lonicera periclymenum* L. *Entomologist's Gazette* 55: 35-43.

Francardi, V. & M. Covassi. 1994. Note sulla bioecologia di *Epinotia nigricana* (Herrich-Schaeffer) in abetine dell'Italia centrale (Lepidoptera, Tortricidae). Redia 77(1): 55-67.

Francardi, V., M. Covassi & J. de Silva. 1995. Valutazioni sull'attività di *Epinotia nigricana* (Herrich-Schäffer) (Lepidoptera: Tortricidae) sulla rinnovazione naturale di *Abies alba* Miller in Toscana. Redia 77 (1994): 375-386.

Frankie, G. W. & C. S. Koehler. 1971. Studies on the biology and seasonal history of the cypress bark moth, *Laspeyresia cupressana* (Lepidoptera: Olethreutidae). Canadian Entomologist 103: 947-961.

Franklin, H. J. 1907. Notes on certain cranberry bog insects. Entomological News 18: 17.

Frederick, B. A. & A. J. Caesar. 2000. Analysis of bacterial communities associated with insect biological control agents using molecular techniques, pp. 261-267. In Spencer, N. R. (ed.), Proceedings of the X International Symposium on Biological Control of Weeds, Bozeman, Montana, USA, 4-14 July, 1999.

Freeman, T. N. 1940. Two apparently new Canadian species of *Sparganothis*. Canadian Entomologist 72: 206-208.

Freeman, T. N. 1942a. A new species of *Pseudexentera* from apple, with notes on allied species (Olethreutidae, Lepidoptera). Canadian Entomologist 74: 212-215.

Freeman, T. N. 1942b. A new *Argyrotaenia* from spruce (Lepidoptera: Tortricidae). Canadian Entomologist 74: 57.

Freeman, T. N. 1944. A review of the North American species of the genus *Argyrotaenia* Stephens (Lepidoptera, Tortricidae). Scientific Agriculture 25: 81-94.

Freeman, T. N. 1953a. The spruce budworm, *Choristoneura fumiferana* (Clem.) and an allied new species on pine (Lepidoptera: Tortricidae). Canadian Entomologist 85: 121-127.

Freeman, T. N. 1953b. A note on the occurrence of a European tortricid, *Cnephiasia virgaureana* Triet., in Newfoundland with new synonymy (Lepidoptera). Canadian Entomologist 85: 291.

Freeman, T. N. 1957. A new species of the genus *Aphania* (Olethreutidae). *Lepidopterists' News* 11: 27-28.

Freeman, T. N. 1958. The Archipinae fauna of North America (Lepidoptera: Tortricidae). *Canadian Entomologist* 90 (suppl. 7). 87 pp.

Freeman, T. N. 1960. Needle-mining Lepidoptera of pine in North America. *Canadian Entomologist* (suppl.) 16: 1-51.

Freeman, T. N. 1962. A new *Laspeyresia* species on red pine. *Canadian Entomologist* 94: 1272-1273.

Freeman, T. N. 1965. A new species of *Parapandemis* Obraztsov, a genus new to Canada (Lepidoptera: Tortricidae). *Canadian Entomologist* 97: 1114-1116.

Freeman, T. N. 1966a. A new species of *Zeiraphera* Treitschke from British Columbia (Lep.: Tortricidae). *Canadian Entomologist* 98: 588-589.

Freeman, T. N. 1966b. A new species of *Epinotia* Hübner from British Columbia (Olethreutinae). *Journal of Research on the Lepidoptera* 5: 13-14.

Freeman, T. N. 1967. On coniferophagous species of *Choristoneura* (Lepidoptera: Tortricidae) in North America. *Canadian Entomologist* 99: 449-455.

Frerot, B., B. Boniface, J.-P. Chambon & Y. Meritan. 1982. Emploi du piegeage sexuel avec des attractifs de synthese pour l'étude de la repartition dans la region parisienne de trois especes de tordeuses des verger. *Agronomie*, Paris 2(9): 885-893.

Frick, K. E. 1982. Evaluation of field releases of laboratory-reared larval and adult *Bactra verutana* (Lepidoptera: Tortricidae) for control of purple nutsedge. *Environmental Entomology* 11: 938-945.

Frick, K. E. & J. M. Chandler. 1978. Augmenting the moth (*Bactra verutana*) in field plots for early-season suppression of purple nutsedge (*Cyperus rotundus*). *Weed Science* 26.

Frick, K. E. & C. Garcia. 1975. *Bactra verutana* as a biological control agent for purple nutsedge. *Annals of the Entomological Society of America* 68: 7-14.



Frick, K. E. & R. B. Hawkes. 1970. Additional insects that feed upon tansy ragwort, *Senecio jacobaea*, an introduced weedy plant, in the western United States. Annals of the Entomological Society of America 63: 1085-1090.

Frick, K. E. & R. F. Wilson. 1978. Larval biology of *Bactra verutana* an indigenous biological control agent of the weedy nutsedges. Annals of the Entomological Society of America 71: 680-684.

FRIM-Tho MS. 1993. Data abstracted from the reference collection of the Forest Research Institute of Malaysia (FRIM) at Kepong by G. S. Robinson, K. R. Tuck and J. Intachat, in 1993. Also, additional records from a manuscript list prepared by the late Dr. Y. P. Tho, entomologist at FRIM, in 1986.

Frost, S. W. 1923. An outbreak of *Amorbia humerosana* Clem., on apple. Journal of Economic Entomology 16: 459.

Frost, S. W. 1926a. Apple leaf-rollers of the genera *Amorbia*, *Archips*, *Eulia*, *Pandemis* and *Peronea*. Journal of Economic Entomology 19: 813-819.

Frost, S. W. 1926b. The dusky leaf roller. The Pennsylvania State College, School of Agriculture and Experiment Station, Bulletin 205. 15 pp.

Frost, S. W. 1928. A study of the genus *Eulia* Hubner with special reference to the North American species. Pennsylvania State College, School of Agriculture and Experiment Station, Bulletin 225. 24 pp.

Frost, S. W. 1951. Insects that attack the apple in Pennsylvania. Pennsylvania State College, School of Agriculture and Experiment Station, Bulletin 535. 30 pp.

Frost, S. W. 1963. Winter insect light-trapping at the Archbold Biological Station, Florida. Florida Entomologist 46: 23-43

Fukuda, A. 1989. Emergence of *Cryptophlebia yasudai* Kawabe (Tortricidae) from a nut of *Aesculus turbinata*. Japanese Heterocerists' Journal 151: 14-15.

Fukumoto, H. & H. Kajimura. 1999. Seed-insect fauna of pre-dispersal acorns and acorn seasonal fall patterns of *Quercus variabilis* and *Q. serrata* in central Japan. Entomological Science 2: 197-203.

Funakoshi, S. 2008. Tortricid moths feeding on *Quercus glauca* Thunb. Japan Heterocerists' Journal 247:399-401.

Furniss, R. L. & V. M. Carolin. 1977. Western forest insects. U.S. Department of Agriculture, Forest Service Miscellaneous Publications 1339. 654 pp.

Gabel, B., F. Marion-Poll, V. Suchy, R. Roehrich, P. Hradsky & D. Thiery. 1994. Olfactory responses of *Lobesia botrana* females (Lepidoptera: Tortricidae) to *Tanacetum vulgare* (Asteraceae) flower extracts and fractions. Entomological Problems 25(1): 1-7.

Gabriel, A. D. & J. J. Obrycki. 1990. Cultivar acceptance and suitability for preimaginal development of the strawberry leafroller (Lepidoptera: Tortricidae). Journal of Economic Entomology 83: 1514-1518.

Gagne, W. 1976. Notes and exhibitions. *Amorbia emigratella* Busck. Proceedings of the Hawaiian Entomological Society 22(2): 168.

Galanihe, L. D., H. N. P. Wijayagunasekara & M. A. S. K. Ranasinghe. 1992. Seasonal abundance of insect species damaging cowpea in Mahaweli system C: 1. Pod-boring caterpillars. Sri Lankan J. Agric. Sci. 28: 59-70.

Galkin, G. I. 1991. The larch tortricid. Zashchita Rast. (Moscow) 1991: 21-22. [In Russian]

Gardiner, B. O. C. 1982. *Cacoecimorpha pronubana* Hnb. (Lep.: Tortricidae) successfully reared on artificial diet, with a note on its diapause requirements. Entomologist's Record and Journal of Variation 94: 122-123.

Garic, R., S. Stamenkovic & M. Canak. 1990. The effect of *Cydia molesta* on the incidence of *Monilinia* spp. on quince fruit. Bull. OEPP (Organ. Eur. Mediterr. Prot. Plant) 20: 603-606.

Geertsema, H. 1990. Phytophylactica 22: 355-357.

Genung, W. G. & N. C. Hayslip. 1958. Observations on biology and ecology of *Tortrix ivana* Fernald (Lepidoptera: Tortricidae), as a pest of celery in the Florida Everglades, and notes on its control. Florida Entomologist 41: 133-141.

Georgiev, G. & N. Velcheva. 1999. Leaf rollers (Lepidoptera Tortricidae) found on poplars (*Populus* spp.) in Sofia region, Bulgaria. Bollettino di Zoologia Agraria e di Bachicoltura 31: 75-83.

Geraud, D. J.-C.Cornic & P. du Merle. 1987. Observations sur la distribution spatiale et sur la measure des populations pre-imaginaires de la tordeuse du sapin, *Choristoneura murinana* Hb. (Lep., Tortricidae). 1. Expose des methodes. Les populations d'oeufs. Journal of Applied Entomology 103: 258-278.

Ghesquiere, J. 1940. Catalogues raisonnés de la Faune Entomologique du Congo Belge. Lépidoptères, Microlépidoptères (I). Ann. Mus. Congo Belge. C, Zool. Ser. 3(2): 1-120.

Ghosh, M. R. 1981. Incidence of some important insect pests in red gram (*Cajanus cajan*) in West Bengal. Entomon 6: 215-218.

Gibeaux, C. 1988. Sur quatre hotes du cabaret des oiseaux. Bull. Assoc. Nat. Vallee Loing Massif. Fontainbleau 64: 69-71. [In French]

Gibson, L. D. & J. A. Merkle. 2007. Discovery of a larval host plant for *Olethreutes montiferana* (Riley) (Tortricidae) in northern Kentucky. Journal of the Lepidopterists' Society 61: 113.

Gillett, J. D., K. L. S. Harley, R. C. Kassuluke & H. J. Miranda. 1991. Natural enemies of *Sida acuta* and *S. rhombifolia* (Malvaceae) in Mexico and their potential for biological control of these weeds in Australia. Environmental Entomology 20: 882-888.

Giunchi, P. & G. Giovanni. 1987. Ciclo biologico e simbionti di *Gypsonoma minutana* Hübner (Lepidoptera, Tortricidae) evolentesi su pioppo in Emilia-Romagna. Boll. Ist. Entomol. Univ. Studi Bologna 41: 195-207.

Glen, D. M. 1982. *Syndemis musculana* (Hübner) (Lepidoptera: Tortricidae), a new leaf roller attacking apples in the United Kingdom. Plant Path. 31: 269-271.

Godfrey, G. L., E. D. Cashatt & M. O. Glenn. 1987. Microlepidoptera from the Sandy Creek and Illinois River Region: A annotated checklist of the suborders Dacnonypha, Monotrysia, and Ditrysia (in part) (Insecta). Spec. Publ. 7. Illinois Natural History Survey.

Goeden, R. D. & D. W. Riker 1976a. The phytophagous insect fauna of ragweed *Ambrosia dumosa* in southern California. Environmental Entomology 5: 45-50.

Goeden, R. D. & D. W. Riker 1976b. The phytophagous insect fauna of the ragweed *Ambrosia psilostachya* in southern California, U.S.A. Environmental Entomology 5: 1169-1177.

Goeden, R. D. & D. W. Riker 1981. Life history of the gall-forming moth, *Carolella beevorana* Comstock, on the ragweed, *Ambrosia dumosa* (Gray) Payne, in southern California (Lepidoptera: Cochylidae). Pan-Pacific Entomologist 57: 402-410.

Golenkova, P. F. & V. M. Emetz. 1981. [Effect of the leafroller *Cnephiasia virgaureana* Tr. (Lepidoptera, Tortricidae) on seed productivity in populations of the squill (*Scilla sibirica* Andr.)]. Byulleten' Mosk. Obschch. Ispyt. Prir. (Otd. Biol.) 86: 120-122. [In Russian]

Gonzalez, R. H. 1983. Manejo de plagas de la vid. Univ. Chile, Publ. Cienc. Agric. 13: 1-115.

Gonzalez, R. H. 1986. Plagas del kiwi en Chile. Revista Fruticola 7: 13-27.

Gonzalez, R. H. 1989. Manejo de plagas del kiwi en Chile: 1. Degradacion de reidos de los insecticidas chloropyrifos y phosmet. Revista Fruticola 10: 35-43.

Gonzalez, R. H. 1990. Insectos y acaros de importancia agricola y cuarentenaria en Chile. Univ. Chile, Santiago.

Goodey, B. 1988. A secret of the teasel. Nat. North East Essex 1987 (1987): 33-34.

Gouda, R. R., R. H. Patil & M. C. Devaiah. 1987. *Archips micaceana* Walker (Tortricidae: Lepidoptera) a pest of mulberry, the sole food of *Bombyx mori* Linn. Indian Journal of Sericulture 26: 60-61.

Goyer, R. A. & J. L. Chambers. 1997. Evaluation of insect defoliation in baldcypress and its relationship to flooding. U.S. Natl. Biol. Serv. Biol. Sci. Rpt. 8 (1996): 1-30.

Goyer, R. A., G. J. Linhard & J. D. Smith. 1990. Insect herbivores of a bald-cypress/tupelo ecosystem. Forest Ecology and Management 33/34: 517-521.

Goyer, R. A., J. R. Meeker, H. Wei & G. J. Lenhard. 1996. Insect herbivory by the fruittree leafroller, and its impact on forested wetlands in Louisiana, pp. 15-17. In: Flynn, K. M. (ed.), Proceedings of the southern forested wetlands ecology and management conference. Clemson, SC. Constort. South. For. Wetlands, Clemson.

Grafton-Cardwell, E. E., J. G. Morse, N. V. O'Connell, P. A. Phillips, H. D. Ohr, J. A. Menge, B. B. Westerdahl, C. W. Coggins, T. S. Prather & D. W. Cudney. 2002. Integrated pest management guide for citrus. University of California Statewide Integrated Pest Management Project, Division of Agriculture and Natural Resources, Publication 3441.

Grebenschchikova, V. P. & V. F. Naumov. 1981. [On the biology of *Laspeyresia milleniana*.] Zashchita Rast. 1981: 31. [In Russian]

Greenwood, D. E. 1942. Field identification of five leaf rollers found in apple orchards. New York State Agricultural Experiment Station (Geneva) Bulletin 698: 55-58.

Guido, M. & A. Roques. 1996. Impact of the phytophagous insect and mite complex associated with cones of junipers (*Juniperus phoenicea* L. and *J. cedrus* Webb and Berth.) in the Canary Islands. Ecología Mediterránea 22: 1-10.

Guillet, G., M.-E. Lavigne, B. J. R. Philogene & J. T. Arnason. 1995. Behavioral adaptations of two phytophagous insects feeding on two species of phototoxic Asteraceae. Journal of Insect Behavior 8: 533-546.

Gumbek, M. 1986. Cocoa husk borer. FAO Plant Prot. Bull. 34: 109.

Gunn, D. 1921. The false codling-moth (*Argyroploce leucotreta* Meyr.). Science Bulletin No. 21. Pretoria, South Africa, Government Printing and Stationery Office.

Gunn, D. 1931. Two destructive insects of carnation plants. Bull. Department Agriculture For. Union of South Africa 94: 1-9.

Gyoutoku, N. 2005. *Makivora hagiayai* Oku (Tortricidae, Olethreutinae) from Fukuoka Prefecture, Kyushu. Japan Heterocerists' Journal 235: 188.

Habeck, D. H. , F. D. Bennett & J. K. Balciunas. 1994. Biological control of terrestrial and wetland weeds, pp. 523-547. In: Rosen, D, F. D. Bennett & J. L. Capinera (eds.), Pest management in the subtropics: biological control - a

Florida perspective. Intercept, Andover, United Kingdom.

Habib, R. 1976. *Bactra* spp. in Pakistan and their potential as biocontrol agents of *Cyperus rotundus*. PANS 22(4): 499-508.

Haeussler, G. J. 1940. General information concerning the oriental fruit moth in Japan and Chosen. Journal of Economic Entomology 33: 189-193.

Hajar, A. S., A. A. Faragalla & K. M. Al-Ghamdi. 1991. Impact of biological stress on *Juniperus excelsa* M. Bieb. in south-western Saudi Arabia: insect stress. Journal of Arid Environments 21: 327-330.

Hakansson, M. 1975. On the biology of *Grapholitha nanana* Tr. With a report on an outbreak in northern Sweden. Rapporter Uppsat. Inst. Skogskool. Skogshogsk. Stockholm 19: 1-27. [In Swedish]

Halbert, S. E. 1996. Entomology section. Tri-ology 35(3): 4-10.

Halstead, J. A. & C. G. Niwa. 1987. *Rhyacionia zozana* (Lepidoptera: Tortricidae), host of *Hockeria tenuicornis* (Hymenoptera: Chalcididae) in Oregon. Pan-Pacific Entomologist 63: 276-277.

Hamilton, J. G. & M. P. Zalucki. 1993a. Interactions between a specialist herbivore, *Crocidosema plebejana*, and its host plants *Malva parviflora* and cotton, *Gossypium hisutum*: larval performance. Entomologia Experimentalis et Applicata 66(3): 199-205.

Hamilton, J. G. & M. P. Zalucki. 1993b. Interactions between a specialist herbivore, *Crocidosema plebejana*, and its host plants *Malva parviflora* and cotton, *Gossypium hisutum*: oviposition preference. Entomologia Experimentalis et Applicata 66(3): 207-212.

Hannemann, H. J. 1961. Kleinschmetterlinge oder Microlepidoptera. I. Die Wickler (s. str.) (Tortricidae). In: Dahl, F. (ed.), Tier. Deut. 48: 1-233.

Harbo, J. F. & K. J. Kraft. 1969. A study of *Phanerotoma toreutae*, a parasite of the pine cone moth *Laspeyresia toreuta*. Annals of the Entomological Society of America 62: 214-220.

Hare, J. D. 1978. The biology of *Phaenta imbridana* (Lepidoptera: Tortricidae), a seed predator of *Xanthium strumarium* (Compositae). Psyche 84 (1977): 179-182.

Hare, J. D. 1980. Variation in fruit size and susceptibility to seed predation among and within populations of the cocklebur, *Xanthium strumarium* L. Oecologia 46: 217-222.

Hare, J. D. & D. J. Futuyma. 1978. Different effects of variation in *Xanthium strumarium* L. (Compositae) on two insect seed predators. Oecologia 37: 109-120.

Harman, D. M. & C. W. Berisford. 1979. Host relationships and determination of larval instars of the locust twig borer, *Ecdytolopha insiticiana*. Environmental Entomology 8: 19-23.

Harper, M. W. 1978. *Pammene luedersiana* Sorhagen (Lep.: Tortricoidea): a fourth record from Scotland. Entomologist's Record and Journal of Variation 90: 339.

Harris, P. 1990. The Canadian biocontrol of weeds program, pp. 61-68. In Roche, B. F. & C. T. Roche (eds.), Proceedings of Range Weeds Revisited. A Pacific Northwest Range Management Short Course. Washington Cooperative Extension Service Publication 143.

Harris, W. V. 1938. Annual report for the entomologist for the year 1937. Entomological Leaflet, Department of Agriculture Tanganyika 16.

Hatch, M. H. 1938. A bibliographic catalogue of the injurious arachnids and insects of Washington. University of Washington Publications in Biology 1: 163-224.

Hayward, K. J. 1941. La "polilla negra" del duraznero (*Cydia molesta* Busck). Estac. Exp. Agric. Tucuman Cic. 99. 10 pp. (R.A.E. 30: 277).

Hayward, K. J. 1969. Host of *Crocidosema orfilai* (reference from Pastrana 2004).

Heckford, R. J. 1986. A specimen of the *Adoxophyes privatana* (Walker) species-group (Lepidoptera: Tortricidae) bred from imported orchids. Entomologist's Gazette 37: 196.

Heckford, R. J. 1993. *Acleris umbrana* (Hübner) (Lepidoptera: Tortricidae) in Devon. Entomologist's Gazette 44(3): 178.

Heckford, R. J. 1995. *Aethes francillana* (Fabricius) (Lep., Tortricidae) bred from *Conium maculatum*. Entomologist's Record and Journal of Variation

107: 40.

Heckford, R. J. 1997. *Pammene ochsenheimeriana* (Lienig & Zeller) and *Cydia coniferana* (Ratzeburg) (Lepidoptera: Tortricidae) bred from *Picea sitchensis*. Entomologist's Gazette 48: 53.

Heckford, R. J. 1998. *Bactra lancealana* (Hübner) (Lepidoptera: Tortricidae) bred from *Eriophorum angustifolium* Honck. Enomologist's Gazette 49: 228.

Heckrotte, C. 1983. The influence of temperature on the behavior of the Mexican jumping bean. Journal of Thermal Biol. 8: 333-335.

Hedlin, A. F., G. E. Miller & D. S. Ruth. 1982. Induction of prolonged diapause in *Barbara colfaxiana* (Lepidoptera: Olethreutidae): corrections with cone crops and weather. Canadian Entomologist 114: 465-471.

Hedlin, A. F., H. O. Yates, D. C. Tovar, B. H. Ebel, T. W. Koerber & E. P. Merkel. 1981. Cone and seed insects of North American conifers. Canadian Forest Service, U.S. Department of Agriculture Forest Service, Secretaria de Agricultura y Recursos Hidraul. 122 pp.

Heinrich, C. 1920. On some forest Lepidoptera with descriptions of new species, larvae and pupae. Proceedings of the U.S. National Museum 57: 53-96.

Heinrich, C. 1921. Some Lepidoptera likely to be confused with the pink bollworm. Journal of Agricultural Research 20: 807-836.

Heinrich, C. 1923a. New Olethreutinae from eastern United States (Lepidoptera). Proceedings of the Entomological Society of Washington 25: 105-122.

Heinrich, C. 1923b. Revision of the North American moths of the subfamily Eucosminae of the family Olethreutidae. United States National Museum Bulletin 123: 1-298.

Heinrich, C. 1926. Revision of the North American moths of the subfamilies Laspeyresiinae and Olethreutinae. United States National Museum Bulletin 132: 1-216.

Heinrich, C. 1928a. New pine moths from Japan. Proceedings of the Entomological Society of Washington 30: 61-64.

Heinrich, C. 1928b. A new apple moth from Manchuria (Lepidoptera: Olethreutidae). Proceedings of the Entomological Society of Washington 30: 91-92.

Heinrich, C. 1928c. A new *Laspeyresia* from Florida (Lepidoptera: Olethreutidae). Proceedings of the Entomological Society of Washington 30: 6. [Reprints in USNM annotated with "seed of *Coccothrinax jucunda* Sarg." after food plant in Heinrich's hand.]

Heinrich, C. 1929. A correction. Proceedings of the Entomological Society of Washington 31: 19.

Heinrich, C. 1931. Notes on and descriptions of some American moths. Proceedings of the U.S. National Museum 79 (13): 1-16.

Heinrich, C. 1932. A new species infesting *Annona* (Lepidoptera: Olethreutidae). Proceedings of the Entomological Society of Washington 34: 20-23.

Heinrich, C. 1943. A new species of *Laspeyresia*, a bean pest from tropical America (Lepidoptera: Olethreutidae). Proceedings of the Entomological Society of Washington 45: 71.

Heppner, J. B. 1981a. Two new *Dichrorampha* (Lepidoptera: Tortricidae) from Florida. Florida Entomologist 64: 271-276.

Heppner, J. B. 1981b. A new *Cydia* (Lepidoptera: Tortricidae) from Florida and Cuba. Journal of the Lepidopterists' Society 35: 278-280.

Heppner, J. B. 1982. Synopsis of the Hilarographini (Lepidoptera: Tortricidae) of the World. Proceedings of the Entomological Society of Washington 84: 704-715.

Heppner, J. B. 1994. *Episimus* moths of North America (Lepidoptera: Tortricidae). Holarctic Lepidoptera 1: 83-107.

Herbison-Evans, D. & S. Crossley. 2000-2003. Caterpillars: especially Australian ones. Web site:  
<http://www.linus.socs.uts.edu.au/~don/larvae/larvae.html>

Hering, M. 1932. Ergänzungsband I. Die Schmetterlinge nach ihren Arten dargestellt. Die Tierwelt Mitteleuropas: 1-545.

Hetz, M. W. & F. G. Werner. 1969. Insects associated with roots of some rangeland Compositae in southern Arizona. *Southwestern Entomologist* 4: 285-288.

Heungens, A. & E. van Daele. 1981. *Cacoecimorpha pronubana* Hb. (Tortricidae), a new parasite of *Rhododendron praecox* Carr. *Mededelingen Fac. Landb. Rijksuniv. Gent* 46: 581-589.

Hey, G. L. 1935. Notes on Tortricidae. *Entomologist's Monthly Magazine* 71: 253-255.

Hey, S. L. & A. M. Masse. 1934. *Tortrix* investigations in 1933. Report of the E. Malling Research Station (21<sup>st</sup> year).

Heymans, P. J. Deligna & L. Nef. 1985. Occurrence of *Gypsonoma aceriana* Dup. (Lepid., Tortricidae) sur différents clones de peuplier. *Zeitschrift Angew. Entomol.* 99: 216-223. [In French]

Hill, R. L. & A. H. Gourlay. 2002. Host-range testing, introduction, and establishment of *Cydia succedana* (Lepidoptera: Tortricidae) for biological control of gorse, *Ulex europaeus* L. in New Zealand. *Biological Control* 25: 173-186.

Ho, K.-Y. 1985. Preliminary report on the carambola fruit borers and their control. *Plant Protection Bulletin of Taiwan* 27: 53-62.

Hoffman, C. J., T. J. Dennehy & J. P. Nyrop. 1992. Phenology, monitoring, and control decision components of the grape berry moth (Lepidoptera: Tortricidae) risk assessment program in New York. *Journal of Economic Entomology* 85: 2218-2227.

Hogmire, H. W. & A. J. Howitt. 1979. The bionomics of the tufted apple budmoth, *Platynota idaealis* in Michigan. *Annals of the Entomological Society of America* 72: 121-126.

Hood, W. M., C. W. Berisford & R. L. Hedden. 1985. Ovisposition preference of the Nantucket pine tip moth (Lepidoptera: Tortricidae) on loblolly and slash pine. *Journal of Entomological Science* 20: 204-206.

Horak, M. 2006. Olethreutinae moths of Australia (Lepidoptera: Tortricidae). *Monographs on Australian Lepidoptera* 10. 522 pp.

Horak, M. & R. Brown. 1991. 1.2 Taxonomy and phylogeny, pp. 23-50. In: van der Geest, L, P. S. & H. H. Evenhuis (eds.), *Tortricid pest, their biology, natural enemies and control*. Elsevier Science Publishers B. V., Amsterdam.

Horak, M. & I. F. B. Common. 1985. A revision of the Australian genus *Epitymbia* Meyrick, with remarks on the Epitymbiini (Lepidoptera: Tortricidae). *Australian Journal of Zoology* 33: 577-622.

Horak, M., C. P. Whittle, T. E. Bellas, & E. R. Rumbo. 1988. Pheromone gland components of some Australian tortricids in relation to their taxonomy. *Journal of Chemical Ecology* 14: 1163-1175.

Hoy, L. E. & D. C. Whiting. 1998. Mortality responses of three leafroller (Lepidoptera: Tortricidae) species on kiwifruit to a high-temperature controlled atmosphere treatment. *New Zealand Journal of Crop and Horticultural Science* 26: 11-15.

Hua, L.-Z. 2005. (VII) Superfamily Tortocioidea, pp. 28-43. In: *List of Chinese Insects*, volume III. Sun Yat-Sen University Press, Guangzhou, China.

Hudson, G. V. 1928. The butterflies and moths of New Zealand. Ferguson & Osborn, Ltd., Wellington. 386 pp.

Huemer, P., C. Morandini & L. Morin. 2004. New records of Lepidoptera for the Italian fauna (Lepidoptera). *Gortania* 26: 261-274. [Ancylis subarcuana, Clavigesta purdeyi]

Hung, C. C., J. S. Hwang & R. F. Hou. 1998. Artificial rearing of macadamia nut borer (*Cryptophlebia ombrodelta* (Lower)) and its eclosion and mating behavior. *Plant Protection Bulletin (Taichung)* 40: 297-307.

Hunter, M. D. 1987. Opposing effects of spring defoliation on late season oak caterpillars. *Ecological Entomology* 12: 373-382.

Hunter, M. D., G. C. Varley & G. R. Gradwell. 1997. Estimating the relative roles of top-down and bottom-up forces on insect herbivore populations: a classic study revisited. *Proceedings of the National Academy of Sciences* 94: 9176-9181.

Hunter, M. D. & P. G. Willmer. 1989. The potential for interspecific competition between two abundant defoliators on oak: leaf damage and habitat quality. *Ecological Entomology* 14(3): 267-277.

Hutacharern, C. & N. Tubtim. 1995. Forest insects in Thailand. Office of Environmental Policy and Planning, Bangkok. 391 pp.

Hyslop, J. A. 1934. Insect findings of recent years which are, or may become of interest to nursery inspectors and plant quarantine officers. Journal of Economic Entomology 27: 559.

Ibrahim, R. & M. Zakaria. 1988. Insects associated with common weeds, special reference to fruit flies. Malays. Appl. Biol. 17(1): 19-23.

Im, D. J. & H. J. Paik. 1981. Ecological studies on *Olethreutes hemiplaca* Meyrick (Lepidoptera, Olethreutinae) in mulberry fields. Res. Rpt. RDA 23: 87-92.

INBio collection. Based on identified reared specimens in the collection of Instituto Nacional de Biodiversidad, Santo Domingo de Heredia, Costa Rica.

Ingerson, H. G. 1920. Control of the grape-berry moth in northern Ohio. United States. Department of Agriculture Bulletin 837. 26 pp.

Injac, M. 1983. Occurrence of leaf rollers *Pandemis heparana* Den. et Schiff. and *Adoxophyes orana* F. V. R. on the apple tree. Zastiti Bilja 34: 365-379. [In Serbo-Croatian]

Intachat DB.1998. Data incorporated from Gaeden Robinson database (BMNH).

Ippoliti, R. 1977. Note morfo-biologiche su *Cnephasia incertana* Tr. e *Cnephasia cinereana* Chr. (Lepidoptera-Tortricidae-Cnephasiini) viventi su carciofo. Entomologica Bari 13: 121-147.

Ismay, J. W. & F. M. Dori. 1985. Crop insect survey of Papua New Guinea from January 1<sup>st</sup> 1979 to December 31<sup>st</sup> 1981. Research Bulletin no. 38. Department of Primary Industry, Port Moresby. [SB 923 Ent.]

Issiki, S. 1957. Eucosmidae, Tortricidae, pp. 53-86. In: Esaki et al. (eds.), *Icones Heterocerorum Japonicorum in Coloribus Naturalibus* 1. Osaka, Hoikusya, Japan. 318 pp.

Issiki, S. & A. Mutuura. 1961. Microlepidoptera injurious to conifer plants in Japan. Tokyo, Japan. 47 pp. [In Japanese]

Istrate, G. 1983. Donnees biologiques concernant quelques especes d'insectes nuisibles aux forets d'epicea dans le department de Suceava. Anuarul Muz. Jud. Fasc. Stiint. Nat. 7: 125-137.

Itamies, J. 1981. The biology of *Aethes fennicana* (Lepidoptera, Tortricidae). Notulae Entomol. 61: 9-10.

Jackson, R. V. 1996. Lepidoptera breeding records from *Alphitonia* species (Rhamnaceae) at Paluma, North Queensland. Australian Entomologist 23: 75-76.

Jacobs, S. N. A. 1978. *Cacoecimorpha pronubana* Hubner (Lep., Tortricidae): a greenhouse pest. Entomologist's Record and Journal of Variation 90: 266.

Janzen, D. 2002. Caterpillar and Food Plant Database for ACG, Costa Rica. <http://janzen.sas.upenn.edu:591/FMPro>

Jaros, J. et al. 1992. Data incorporated from Gaeden Robinson Database (BMNH).

Jaros, J. & K. Spitzer. 2002. Food plants of Lepidoptera associated with an alder carr forest in South Bohemia (Central Europe). Zoological Studies in the Vrbenske Rybniky Reserve (South Bohemia, CZ). Ročník 42 Supplement: 5-60.

Jaroš, J. & K. Spitzer. 2005. A unique tortricid moth *Cydia alazon* (Diakonoff, 1976), associated with the endemic pine ( *Pinus canariensis* ) in the Canary Islands, Spain (Lepidoptera: Tortricidae). SHILAP Revista de Lepidopterología 33: 45-48.

Jayanth, K. P. 1987. Investigations on the host-specificity of *E. strenuana* (Walker) (Lepidoptera: Tortricidae), introduced for biological control trials against *Parthenium hysterophorus* in India. Journal of Biological Control 1: 133-137.

Jefferson, R. N. & W. A. Humphrey. 1964. Control of the stem borer *Bactra verutana* on *Cyperus papyrus*. Journal of Economic Entomology 57: 385-386.

Jena, B. C., S. K. Mohanty, P. R. Mishra & S. N. Jena. 2002. Leaf folder infestation in grain *Amaranthus* and effect of climate on its population. Indian Journal of Entomology 64: 35-38.

Jensen, K. & E. Palm. 1981. [ *Dichrorampha alpinana* Tr., a new

microlepidoptera for Denmark.] Lepidoptera Kbh. 4: 7-10. [In Danish]

Jewess, P. J. 1998. Rearing *Cydia corollana* (Hb.) (Lep. , Tortricidae), *Billaea irrorata* (Mg.) (Dip., Tachinidae) and other insects from galls of *Saperda populnea* (L.) (Col., Cerambycidae). Entomologist's Record and Journal of Variation 110: 267-268.

Jianhua, M., M. Glover, S. Munro & G. A. C. Beattie. 2006. Development of *Epiphyas postvittana* (Lepidoptera: Tortricidae) on leaves and fruit of orange trees. Journal of Economic Entomology 99: 1321-1326.

Jiménez, A., F. J. Soria, M. Villagrán & M. E. Ocete. 2006. Seguimiento del ciclo biológico de *Cydia fagiglandana* (Zeller) (Lepidoptera: Tortricidae) en un encinar del sur de España. Boletín de Sanidad Vegetal 32: 157-168.

Jinbo, U. 2003. Records of three archipine species (Tortricidae, Tortricinae) little known from Japan. Japan Heterocerists' Journal 222: 417-422.

Jinbo, U. & M. Nakatani. 2003. Wing pattern variations of *Clepsis pallidana* (Tortricidae, Tortricinae) in the eastern are of Hokkaido. Japan Heterocerists' Journal 222: 427-239.

Joannis, J. de. 1900. Description d'un Microlepidoptere nouveau, nuisible au Vanillier et provenant de l'île de la Réunion. Bulletin Société Entomologique de France 13: 000-000 [263].

Joanisse, D. R. & K. B. Storey. 1995. Temperature acclimation and seasonal responses by enzymes in cold-hardy gall insects. Archives of Insect Biochemistry and Physiology 28: 339-349.

Joanisse, D. R. & K. B. Storey. 1996. Oxidative stress and antioxidants in overwintering cold-hardy goldenrod gall insects. Journal of Experimental Biology 199: 1483-1491.

Jones, V. P. 1994. Oviposition patterns of koa seedworm and litchi fruit moth (Lepidoptera: Tortricidae) on macadamia and litchi in Hawaii. Journal of Economic Entomology 87: 1278-1284.

Jubb, G. L. 1973. Catches of *Episimus argutanus* in grape berry moth sex-pheromone traps in Pennsylvania. Journal of Economic Entomology 66: 1345-1346.

Judd, W. W. 1952. *Cacoecia melaleucana* Walker (Lepidoptera: Tortricidae) and its hymenopterous parasites reared from *Trillium grandiflorum* (Michx.) Salisb. Transactions of the American Microscopical Society 71: 125-128.

Jurc, M. 2006. Forest health in Slovenia, pp. 49-64. Norway spruce - *Picea abies* (L.) Karsten. Insects on trunks, branches and in the wood - Part III. Gozdarski Vestnik 64: 49-64.

Jurc, M.. 2006. Forest health in Slovenia, pp. 65-80. Oaks - *Quercus* spp. Insects on branches, leaves and needles. Gozdarski Vestnik 64: 253-268. [ *Tortrix viridana* ]

Kagan, F. 1969. [Investigations upon the biology and ecology of pea moth - *Laspeyresia nigricana* Stephens = *Grapholita (Cydia) nigricana* Steph. (Lep., Tortricidae).] Pr. Nauk. Inst. Ochr. Rosl. 11: 87-196. [In Polish]

Kalina, F. & V. Skuhravy. 1985. [Larch bud moth]. Published by the authors. 133 pp. [In Czechoslovakian]

Kalshoven, L. G. E. 1981. The pests of crops in Indonesia. Ichtiar Baru-Van Hoeve, Jakarta. [Revised by van der Laan, P. A. & G. L. H. Rothschild].

Kamijo, K., F. Komai & S. Suzuki. 1983. [Pests of *Rosa rugosa* Thunberg.] Koshunai-Kihou 55: 17-21.

Kamm, C. D., J. N. Tawara & F. R. Sternitz. 1998. Spruce budworm processing of piperidine alkaloids from spruce needles. Journal of Chemical Ecology 24: 1153-1160.

Kanamitsu, K. 1964. Species and life histories of some small Lepidoptera that feed on terminal twigs of a pine tree in the Tokyo University forest in Aichi. Misc. Inf. Tokyo Univ. For. (15): 70-76.

Kanamitsu, K. 1982. Occurrence of pine moths in young *Pinus thurbergii* plantations on erodes hillsides. Zeitschrift Angew. Entomol. 93: 321-325.

Karanikola, P. 2002. *Cydia* (*Laspeyresia*, *Enarmonia*) *conicolana* Heyl. (Lepidoptera, Torticidae) an important seedworm infesting cones in plantations of *Pinus brutia* Ten. in North Greece. Dasike Ereuna 15: 71-80.

Kasumyan, S. A. & L. S. Mnatsakanyan. 1987. [The harmfulness of plum fruit moth and its control.] Izv. S.-kh. Nauk 1987: 46-50. [In Armenian]

Kaushik, S. K. & L. S. Yadava. 1984. Record of sunhemp short borer *Cydia tricentra* Meyr. (Eucosmidae: Lepidoptera) on sunhemp in Haryana. Indian Journal of Entomology 46: 489-490.

Kawabe, A. 1982. Tortricidae and Cochylidae, pp. 62-151. In: Inoue, H., S. Sugi, H. Kuroko, S. Moriuti & A. Kawabe (eds.), The Moths of Japan, Part 1: 62-258, Part 2: 158-183.

Kawabe, A. 1987. Descriptions of four new species of the Olethreutinae (Lepidoptera: Tortricidae) from Japan. Tinea 12 (suppl.): 139-144.

Kawabe, A. 1989. Records and descriptions of the subfamily Olethreutinae (Lepidoptera: Tortricidae) from Thailand. Microlepidoptera of Thailand 2: 23-82.

Kawabe, A. & K. Ijima. 1985. Two species of the Tortricidae unrecorded from Japan. Japan Heterocerists' Journal 130: 69-71.

Kawabe, A. & Y. Nasu. 1994. A revision of the genus *Gibberifera* Obraztsov (Lepidoptera: Tortricidae), with descriptions of four new species. Tyo to Ga 45(2): 79-96.

Kawall, J. H. 1867. Miscellanea entomologica. Stett. Entomol. Zeit. 1867: 117-124.

Kearfott, W. D. 1904. North America Tortricidae. Transactions of the American Entomological Society 30: 287-299.

Kearfott, W. D. 1907a. New North American Tortricidae. Transactions of the American Entomological Society 33: 1-98.

Kearfott, W. D. 1907b. Microlepidoptera from the Black Mountain Region of North Carolina, with descriptions of new species. Bulletin of the American Museum of Natural History 23: 153-167.

Kearfott, W. D. 1907c. New Microlepidoptera. Canadian Entomologist 34: 1-9, 53-60, 77-84, 121-128, 153-160, 211-212.

Kearfott, W. D. 1908. New North American Tortricidae and Tineina. Journal of the New York Entomological Society 16: 167-188.

Kearfott, W. D. 1910. Insects of New Jersey. 539 pp.

Keeley, P. E., R. J. Thullen & J. H. Miller. 1970. Biological control studies on yellow nutsedge with *Bactra verutana* Zeller. Weed Science 18: 393-395.

Keen, F. P. 1952. Insect enemies of western forests, rev. ed. Calif. Dept. Agric. Misc. Publ. 273. 280 pp.

Keifer, H. H. 1933. California Microlepidoptera. VI. Calif. Dept. Agric. Month. Bull. 22: 351-365.

Keifer, H. H. 1935. California Microlepidoptera. VII. Calif. Dept. Agric. Month. Bull. 24: 195-218.

Kelbel, P. 1995. Erforschung der Insektenschadlinge der Azpfen und Samen der Tanne (*Abies alba* Mill.) in der Slowakei. Entomofauna Carpathica 7: 70-73.

Kelbel, P. 1996. Damage to acorns by insects in Slovakia: a survey. Biologia (Bratislava) 51: 575-582.

Kennel, J. von. 1910. Tortricidae. In: Spuler, A. (ed.), Die Schmetterlinge Europas 2: 238-296.

Kennel, J. von. 1908-1921. Die Palaearktischen Tortriciden. Zoologica (Stuttgart) 21. 742 pp.

Kerppola, S. 1991. Records of Microlepidoptera from Finland 1989 (Lepidoptera). Entomol. Fenn. 2: 7-8.

Khandwe, N., J. P. Gujrati & O. P. Singh. 1994. Seasonal incidence, nature of damage and biology of leaf webber, *Cydia (Pammene) critica* Meyr. on pigeonpea in Madhya Pradesh. Journal of Insect Science 7: 216-217.

Khomentovsky, P. A., W. Baltensweiler, L. S. Efremova, T. V. Pavlenko & E. M. Marycheva. 1997. The first record of an outbreak of the larch bud moth, *Zeiraphera diniana* Gn. (Lep., Tortricidae) on an evergreen conifer host (*Pinus pumila* (Pall.) Regel) in north-eastern Asia. J. Appl. Entomol. 121: 1-7.

Kieffer, J. J. 1908. Description de quelques galles et d'insectes gallicoles de Colombie. Marcellia 7: 140-142.

Kim, K. J. 1990. Distribution of tea tree insect pest and bionomics on the key insect pest in the tea tree plantation. Theses Col. Chonnam University 35: 1-

16.

Kim, S.-S. & Sohn, J.-C. 1999. Records of host plants of 44 Korean moth species. *J. Lepid. Soc. Korea* 11: 45-51.

Kimball, C. P. 1965. The Lepidoptera of Florida: an annotated checklist. In: Arthropods of Florida and neighboring land areas, vol. 1. Florida Department of Agriculture, Division of Plant Industry, Gainesville. 363 pp.

Kimball, C. P. & F. M. Jones. 1943. The Lepidoptera of Nantucket and Marthas Vineyard Islands, Massachusetts. The Nantucket Maria Mitchell Association, vol. 4. 217 pp.

Kimmo. 2007. Tortricidae 10 (Grapholitini, part 1: *Cydia*, etc.) Kimmo's Lep Site, Microlepidoptera of ....  
<http://kimmos.freeshell.org/micro/t10/tor10.htm>.

Kittelson, P. M. 2004. Sources of variation in insect density on *Lupinus arboreus* Sims: Effects of environment, source population and plant genotype. *American Midland Naturalist* 152: 323-335.

Klimesch, J. 1961. Ordnung Lepidoptera. Teil 1. Tortricina. In: Franz, H. (ed.), Die Nordost - Alpen in Spiegel ihrer Landtierwelt 2: 543-619.

Knight, A. L. & B. A. Croft. 1987. Immature developmental requirements and factors influencing spring emergence of *Argyrotaenia citrana* (Lepidoptera: Tortricidae) on cranberries, *Rubus* spp., in the Pacific Northwest. *Journal of Economic Entomology* 80: 799-805.

Kobayashi, T. & T. Oku. 1976. Studies on the distribution and abundance of the invertebrate soybean pests in Tohoku district. *Bulletin of the Tokohu National Agricultural Experimental Station* 52: 49-106.

Kodama, T. 1988. Microlepidoptera associated with kiwi fruit. *Noyakugraph* 101: 11-14.

Koerber, T. W. 1967. Studies of the insect complex affecting seed production of ponderosa pine in California. Ph.D. Dissertation, University of California, Berkeley. 86 pp. [Dissertation Abstracts B 29: 229 (1968)]

Kogi, H. 2004. Moths feeding on *Quercus dentata* Thunb. as larvae in Hokkaido 7. *Japan Heterocerists' Journal* 228: 53-55. [In Japanese]

Kollner, V. 1976. Über die Zucht des Sudafrikanischen Nelkenwicklers, *Epichoristodes acerbella* Walk. (Lepidoptera, Tortricidae) [Rearing of the South African carnation tortrix *Epichoristodes acerbella* Walk. (Lepidoptera, Tortricidae)]. Nachrichtenblatt des deutschen Pflanzenschutzdienstes 28(2):17-19.

Komai, F. 1979. Studies on the Japanese species of *Dichrorampha* (Lepidoptera: Tortricidae). Tinea 10: 225-243.

Komai, F. 1980. A new genus and species of Japanese Laspeyresiini infesting nuts of beech (Lepidoptera: Tortricidae). Tinea 11: 1-7.

Komai, F. 1986. *Petrova monopunctata* Oku (Lepidoptera: Tortricidae) infesting cones and shoots of coniferous trees in Hokkaido. Japn. J. Appl. Entomol. Zool. 30: 219-224.

Komai, F. 1992. Taxonomic revision of the genus *Andrioplecta* Obraztsov (Lepidoptera: Tortricidae). Tyo to Ga 43: 151-181.

Komai, F. 1999. A taxonomic review of the genus *Grapholita* and allied genera (Lepidoptera: Tortricidae) in the Palaearctic region. Entomologica Scandinavica (suppl.) 55: 1-226.

Komai, F. & K. Ishikawa. 1987. Infestation of chestnut fruits in China with two species of the genus *Cydia* (Lepidoptera: Tortricidae). Japanese Journal of Applied Entomology and Zoology 31: 55-62.

Komai, F. & S. Lantoh. 1984. *Cydia trasias* (Meyrick) (Lepidoptera, Tortricidae) attacking *Sophora* and *Maackia* in Japan. Tyo to Ga 35: 145-151.

Komai, F. & Y. Nasu. 2002. Four species of Olethreutinae associated with viviparous seedlings of the mangrove Rhizophoraceae in the Ryukyu Islands, Japan (Lepidoptera: Tortricidae). Insect Systematics: in review.

Kompanitsev, V. A. & A. V. Ivashov. 1993. Some reproductive peculiarities of leaf-rollers *Aleimma loeflingiana* and *Tortrix viridana* (Lepidoptera: Tortricidae). Vestnik Zoologii 5: 79-82 [In Russia]

Kontev, C., J. Zdarek & L. Kalvoda. 1984. Epigamic behaviour of the cereal pest *Cnephiasia pumicana* (Lepidoptera: Tortricidae) investigated with pheromone traps. Acta. Entomol. Bohemoslovaca 81: 90-98.

- Koponen, S. 1978. Notes on herbivorous insects of the birch in southern Greenland. *Annales Univ. Turku. (Biol. Geogr. Geol.)* 60: 13-17.
- Koponen, S. 1985. *Zeiraphera diniana* (Guenee) (Lep., Tortricidae) attacking *Pinus contorta* Douglas in plantations in the Faroe Islands. *Fauna Norveg. (B)* 32: 109-111.
- Koptur, S. 1998. Effect of seed damage on germination in the common vetch (*Vicia sativa* L.). *American Midland Naturalist* 140: 393-396.
- Kornilov, A. V. & N. M. Kositsyna. 1981. [Pests of grain crops.] *Zashchita Rast.* 1981: 39. [In Russian]
- Koziol, M. 1997. Influence of altitude on adult emergence, abundance and dynamics of *Cydia stobilella* populations in the Tatra National Park, Poland, pp. 75-85. In: Battisti, A. & J. J. Turgeon (eds.), *Proc. 5<sup>th</sup> Cone and Seed Ins. Working Party Conf. (IUFRO S7.03-01)*, Monte Bondone, Italy. Inst. Agric. Entomol., Padova.
- Kozlov, M. V. 1981. [The larch tortrix moth *Zeiraphera griseana* - a pest of spruce.] *Zashchita Rast.* 1981: 45. [In Russian]
- Kraft, K. J. 1966. Life history of *Laspeyresia toreuta* (Lepidoptera: Olethreutinae). *Proceedings of the North Central Branch of the American Association of Economic Entomologists* 20 (1965): 136-137.
- Krauss, N. L. H. 1963. Biological control investigations on Christmas berry (*Schinus terebinthifolius*) and emex (*Emex* sp.). *Proceedings of the Hawaiian Entomological Society* 18: 281-288.
- Krauth, S. J., D. J. Hall, H. C. Coppel & R. D. Shenefelt. 1977. New Wisconsin records of Lepidoptera reared in conjunction with the gypsy moth (*Lymantria dispar* (L.)) parasitoid recovery program. *University of Wisconsin, Forest Research Notes* 208. 5 pp.
- Kristek, J., M. Skrzypczynska & J. Vrana. 1985. Insect pests of European fir *Abies alba* Mill. in Czechoslovakia. *Acta Univ. Agric. Fac. Silvic. (Brno)* 54: 177-201.
- Kroon, D. M. 1999. Lepidoptera of southern Africa host-plants and other associations. *Lepidopterists' Society of Africa, Jukskei Park, South Africa.*

Kruger, M. 1998. Identification of the adults of Lepidoptera inhabiting *Ravenelia macowaniana* Pazschke (Uredinales) galls on *Acaia karroo* Hayne (Fabaceae) in southern Africa. African Entomology 6: 55-74.

Kruse, J. J. 2000. *Archips goyerana*, n. sp. (Lepidoptera: Tortricidae) an important pest of bald cypress (Taxodiaceae) in Louisiana and Mississippi. Proceedings of the Entomological Society of Washington 102: 741-746.

Kubo, R. K. & A. Batista Filho. 1992. Ocorrencia de amorbia spp. (Lepidoptera: Tortricidae) em frutos de goiabeira (*Psidium guajava* L.) na regiao de Campinas. An. Soc. Entomol. Bras. 21: 257-260.

Kulhavy, D. L. & J. R. Meeker. 1989. Site and stand relationships and influences on pine tip moth infestation rates, pp. 124-129. In: Alfaro, R. I. & S. G. Glover (ed.), Insects affecting restoration: biology and damage. Forestry Canada, Pacific & Yukon Region, Victoria, Canada. 256 pp.

Kumar, A. 1982. Biology of leaf-binder, *Cydia critica* (Meyrick) (Lepidoptera: Eucosmidae) on pigeonpea. Thesis Abstr. Haryana Agric. Univ. 8: 365-366.

Kuroko, H. & A. Lewvanich. 1993. Lepidopterous pests of tropical fruit trees in Thailand. Japan International Co-operation Agency, Tokyo. 133 pp.

Kusch, D. S. 1967. Notes on the biology of *Epinotia criddleana* Kft. Bi-Monthly Research Notes, Canadian Forest Service 23(1): 3.

Kusigemati, K. 1988. Descriptions of four new ichneumon flies parasitic on pine insect pests in Thailand (Hymenoptera: Ichneumonidae). Mem. Fac. Agric. Kagoshima Univ. 24(33) 147-155.

Kuznetsov, V. I. 1960. New species of the genera *Salsolicola* Kuznetsov, g. nov., *Pammene* Hb., and *Laspeyresia* Hb. (Lepidoptera, Tortricidae) in the USSR fauna. Entomol. Obozr. 39: 189-199.

Kuznetsov, V. I. 1967. Leaf-rollers of the Amur and Zeya Rivers inter-area and their ecology. Trudy Zool. Inst. AN USSR 41: 5-72.

Kuznetsov, V. I. 1969. New East Asiatic species of the leaf-rollers (Lepidoptera: Tortricidae). Entomol. Obozr. 48: 352-372.

Kuznetsov, V. I. 1970a. New and distinctive tortricid moths (Lepidoptera, Tortricidae) from the Soviet Far East. Entomological Review 49: 260-270.

Kuznetsov, V. I. 1970b. Moths (Lepidoptera, Tortricidae) damaging rosaceous fruits in the Southern Kurile Islands, pp. 37-44. In Averichov, A. L. (ed.), Plant Protection in Sakhalin. Dalnievostochnoye Knizhnoye Izdatelstvo, Yuzhno-Sakhalinsk, Russia.

Kuznetsov, V. I. 1973. Leaf-rollers (Lepidoptera, Tortricidae) of the southern part of the Soviet Far East and their seasonal cycles. Trudy Vses. Entomol. Obshch. 56: 44-161.

Kuznetsov, V. I. 1976. New species and subspecies of the leafroller (Lepidoptera, Tortricidae) of the fauna of the Palaearctic. Trudy Zool. Inst. Leningrad 64: 3-33.

Kuznetsov, V. I. 1978. Family Tortricidae (Olethreutidae, Cochylidae), pp. 193-680. In: Medvedev, G. S. (ed), Keys to the insects of the European part of the USSR 4(1). 718 pp.

Kuznetsov, V. I. 1986. A review of the Laspeyresiini subtribe Laspeyresiina (Lepidoptera, Tortricidae) of the southern Far East. Vestnik Zool. 4: 23-29. [In Russian]

Kuznetsov, V. I. 1989. 21. Family Tortricidae, pp. 277-956. In: Falkovitch M. I. & G. Mededev (eds.), Keys to the insects of the European part of the USSR, 4. NAUKA, Leningrad. [English translation of Kuznetsov 1978]

Kuznetsov, V. I. 2000. Annotated list of Tortricidae recorded from Vietnam (Lepidoptera). Zoosystematica Rossica 8 (1999): 337-348.

Kuznetsov, V. I. 2001. Fam. Tortricidae (Olethreutidae, Cochylidae) - leaf rollers, pp. 11-427. In: Lehr, P. A. (ed.), Key to the insects of Russian Far East. Volume V. Trichoptera and Lepidoptera. Part 3. Vladivostok, Dal'nauka. [In Russian]

Kuznetsov, V. I. & A. A. Stekolinov. 1984. The evolution and system of higher taxa of tortricid moths (Lepidoptera, Tortricidae) of the world fauna with reference to the comparative morphology of the gemitalia. (36<sup>th</sup> Holodkovovsky Memorial Lecture, 1 April 1983). Nauk, Leningrad, pp. 51-91.

LACM Index. Records from the card file at the Los Angeles County Museum of Natural History, Los Angeles, California; transcribed by Gaeden Robinson (BMNH).

la Croix, E. A. S. 1990. Studies on the macadamia nut borer (*Cryptophlebia*

spp.) in northern Malawi. Tropical Pest Management 36: 97-102.

la Croix, E. A. S. & H. Z. Thindwa. 1986. Macadamia pests in Malawi. 3. The major pests. The biology of bugs and borers. Tropical Pest Management 32: 11-20.

Landolt, P. J., W. Hofstetter & P. S. Chapman. 1998. Neonate codling moth larvae (Lepidoptera: Tortricidae) orient anemotactically to odor of immature apple fruit. Pan-Pacific Entomologist 74: 140-149.

Landry, B. 1993. La Péridicularie du Canada (*Pedicularis canadensis* L., Scrophulariaceae) comme plante-hôte de lépidoptères dans l'Outaouais. Fabreries 18: 1-10.

Lange, W. H. 1936. The biology of the orange tortrix *Eulia (Argyrotaenia) citrana* Fernald. California State Department of Agriculture Monthly Bulletin 25: 283-285.

Langenbuch, R. 1941. Zur biologie des Erbsenwischlers *Grapholitha nigricana* Steph.; zugleich ein Beitrag zur Bedeutung der beiden Wicklerarten *Grapholitha nebritana* Tr. und *Grapholitha dorsana* F. als Erbsenschlädlinge in Deutschland. Arb. Physiol. Angew. Entomol. Berl. 8: 219-245.

Langmaid, J. R. 1976. *Ancylis tineana* Hübn. and *Epinotia crenana* Hübn. (Lep.: Tortricidae) in Scotland. Entomologist's Record and Journal of Variation 88(9): 232.

Langmaid, J. R. 1996. A previously unrecorded host-plant of *Cydia stobilella* (Linnaeus) (Lepidoptera: Tortricidae). Entomologist's Gazette 47: 8.

Langmaid, J. R. & R. J. Heckford. 1996. The biology of *Cochylis molliculana* Zeller (Lepidoptera: Tortricidae). Entomologist's Gazette 47: 15-16.

Lapis, E. B. 1982. Research note. *Dioryctria rubella* Hamps. and *Petrova cristata* Wals.: moths infesting young Benguet (*Pinus kesiya*) Royle ex Gordon, Mindoro (*P. merkusii* Jungh. & de Vr.) and Caribbean (*P. caribaea* Royle ex Gordon) pine trees in the Philippines. Sylvatrop. 7(2) 79-82.

Lashomb, J., A. L. Steinhauer & G. Dively. 1980. Comparison of parasitism and infestation of Nantucket pine tip moth in different aged stands of loblolly pine. Environmental Entomology 9: 397-402.

Lateef, S. S. and W. Reed. 1990. Insect pests on pigeon pea, pp. 193-242. In: Singh, S. R. (ed.) Insect pests of tropical food legumes. John Wiley & Sons.

Lawrence, R. K., W. J. Mattson & R. A. Haack. 1997. White spruce and the spruce budworm: defining the phenological window of susceptibility. Canadian Entomologist 129: 291-318.

Lawton, J. H. 1978. *Olethreutes lacunana* (Denis & Schiffermüller) (Lepidoptera: Tortricidae) feeding on bracken. Entomologist's Gazette 29: 131-134.

Leclant, F. & G. Remaudiere. 1969. Sur la biologie d'*Epinotia (Evetria) cedricida* Diakonoff grave ravageur cedre en France (Lep., Tortricidae). Annls Soc. Entomol. France 5: 397-405.

Lee, L. H. Y. & R. Winney. 1981. Check list of agricultural insects of Hong Kong 1981. Hong Kong Agriculture and Fisheries Department Bulletin 2: 1-164.

Lee, S. Y., H. Park, K. S. Boo, K.-T. Park and S. Cho. 2005. Molecular identification of *Adoxophyes honmai* (Yasuda) (Lepidoptera: Tortricidae) based on mitochondrial COI gene sequences. Molecules and Cells 19: 391-397.

Lempke, B. J. 1979. [The food plant of *Pammene luedersiana* (Sorhagen) (Lep., Tortricidae).] Entomologische Ber., Amsterdam 39: 94. [In Dutch]

Le Pelley, R. H. 1932. On the pest status of certain coffee-feeding insects, with records of some insects newly recorded from coffee in Kenya. Journal of the East African and Uganda Natural History Society 40-41 (1931):67-77.

Le Pelley, R. H. 1959. Agricultural insects of East Africa. Nairobi, East Africa High Commission.

Le Pelley, R. H. 1973. Coffee insects. Annual Review of Entomology 18: 121-142.

Lesne, P. 1915. Les insectes nuisibles aux arbres fruitiers. J. Agric. Prat., Paris. Volume 28.

Lessard, G. & D. T. Jennings. 1976. Southwestern pine tip moth damage to ponderosa pine reproduction. U.S. Department of Agriculture, Forest

Service, Res. Papers (RM) No. 168: 1-8.

Lewin, ? 1805. [Title]. Prodrumus Ent., Nat. Hist. Lepid. Insects New South Wales: 18.

Li, G.-Y., Q.-Y. Deng, G.-A. Hua & B. Hu. 2005. Dynamic analysis of composition and structure of arthropod community in *Gardenia jasminoides* fields. Journal of Huazhong Agricultural University 24: 245-249. [*Homona magnanima*]

Li, S. Y., D. E. Henderson & J. H. Meyers. 1994. Selection of suitable *Trichogramma* species for potential control of the blackheaded fireworm infesting cranberries. Biological Control 4: 24-248.

Liceras, Z. & J. Castillo V. 1994. Nota preliminar sobre las plagas insectiles de la alfalfa en Huanchaco, Trujillo. Revista Peruana de Entomologia 36 (1993): 63-64.

Liljestrom, G. G., G. C. Rojas & P. C. Pereyra. 2001. Utilizacion de recursos y supervivencia larval del barrenador del brote, *Crocidosema aporema* (Lepidoptera: Tortricidae), en soja (*Glycine max*). Ecologia Austral 11: 87-94. [In Spanish]

Lindquist, O. H. & A. A. Harnden. 1966. Notes on *Epinotia nanana* Treitschke (Lepidoptera: Olethreutidae), and keys to the immature stages of four needle miners of spruce in Ontario. Canadian Entomologist 98: 1312.

Lindquist, O. H. & L. S. Macleod. 1967. A biological study of *Epinotia solandriana* (Lepidoptera: Olethreutidae), a leaf roller on birch in Ontario. Canadian Entomologist 99: 1110-1114.

Lingappa, S. & C. Siddappaji. 1981. Note on the biology of tamarind fruit-borer, *Cryptophlebia ombrodelta* (Lower) (Lepidoptera: Olethreutidae). Indian Journal of Agricultural Science 51: 467-470.

Liska, J. R. Hochmut & J. Jurik. 1990. Field trials with sexual attractants of *Zeiraphera griseana* (Lepidoptera, Tortricidae) in the High Tatras. Acta Entomol. Bohemoslov. 87: 81-86.

Litvinchuk, L. N. & I. A. Tibatina. 1974. [*Gelechia hippophaella* Schrk. and *Acleris hippophaeana* Hedy. from Siberia], pp. 80-90. In: Kolomiets, N. G. (ed.), The fauna and ecology of insects from Siberia. Nauka, Novosibirsk. 212 pp. [In Russian]



Liu, Y.-Q. 1983a. A new species of *Choristoneura* injurious to *Metasequoia* in Hubei Province. *Entomotaxonomia* 5: 289-291.

Liu, Y.-Q. 1983. *Cochylidae and Tortricidae*, pp. 26-56. In Liu et al., *Iconographia Heterocerorum Sinicorum* 1. Animal research Institute of Chinese Academy of Sciences, Beijing. 439 pp.

Liu, Y.-Q. 1997. One new record species *Strepsicrates coriariae* Oku from China. *Senlin Bingchong Tongxun* 4: 10-11. [In Chinese]

Liu, Y.-Q. & Y. S. Bae. 1994. A study of Chinese species of the genus *Lobesia* Guenée, 1845 (Lepidoptera, Tortricidae). *Japanese Journal of Entomology* 62: 845-859.

Liu, Y.-Q. & J.-W. Bai. 1977. A new tortricid moth on *Cunninghamia lanceolata* (Lamb.) Hook (Lepidoptera: Tortricidae). *Acta Entomologica Sinica* 20: 217-218.

Liu, Y.-Q. & J.-W. Bai (eds). 1977. Fauna of economic insects. Volume 11. Tortricidae. Science Press. 93 pp. [In Chinese]

Liu, Y.-Q. & J.-W. Bai. 1981. A study of Chinese *Rhyacionia* Hubner (Lepidoptera: Tortricidae). *Entomotaxonomia* 3: 99-102.

Liu, Y.-Q. & Y.-J. Chen. 2000. A new species of genus *Grapholita* (Lepidoptera: Tortricidae) injurious to herbage in inner Mongolia, China. *Entomotaxonomia* 22: 275-277.

Liu, Y. & F. Komai. 1993. A new species of the genus *Pammene* (Lepidoptera: Tortricidae) injurious to fruits of hawthorne in China. *Tinea* 13: 241-244.

Liu, Y. & A. Kawabe. 1993. A new species of the genus *Polylopha* injurious to cinnamon in China (Tortricidae, Chlidanotinae, Polyorthini). *Japan Heterocerists' Journal* 173: 404-406.

Liu, Y.-Q. & G. Li. 2002. Tortricidae. *Fauna Sinica (Insecta)*. 27. Science Press, Beijing. xxviii + 463 pp.

Liu, Y. & K. Pai. 1977. Lepidoptera, Tortricidae, (1) [Economic Insects of the Fauna of China] 11 (1). Science Press, Beijing. 93 pp.

Liu, Y.-Q. & C. Wu. 2001. A new species of genus *Retinia* attacking *Pseudotsuga sinensis* Dode in China (Tortricidae). *Acta Entomologica Sinica* 44: 345-347.

Liu, Z., J. Liu, C. Wang, Y. Liang, S. Peng, Z. Jiang, J. Li & Z. Liu. 1992. Control of the Chinese cinnamon tip moth, *Cophopora* [*Lophoprora*] sp. (Lep., Tortricidae) with *Trichogramma chilonis*. *Chinese Journal of Biological Control* 8: 61-63. [In Chinese]

Llewellyn-Jones, J. R. J. 1935. Some food plants of lepidopterous larvae. *Proceedings of the Entomological Society of British Columbia* 31: 28-32.

Lobinger, G. & U. Skatulla. 1996. Trials on the relation between insect damage, weather conditions, and damage to oaks in Unterfranken. *Mitteilungen aus der Biologischen Bundesanstalt fuer Land- und Forstwirtschaft Berlin-Dahlem* 322: 14-24. [In German]

Lomic, P. V. & V. G. Nealis. 1996. Behaviour of jack pine budworm (Lepidoptera; Tortricidae) on vegetative or pollen-cone shoots. *Proceedings of the Entomological Society of Ontario* 127: 63-66.

Lopatina, V. V. 1978. [The Manchurian codling moth *Grapholitha inopinata*.] *Zashchita Rast.* 1974: 47-48.

Lower, ? 1916. [Title]. *Transactions of the Royal Society of South Australia* 40: 537.

Lozzia, G. C. 1988. Osservazioni sulla biologia e sugli attacchi al melo di *Enarmonia formossana* (Scop.) (Lepidoptera: Tortricidae). *Atti Congr. Naz. Ital. Entomol.* 15: 549-555. [In Italian]

Lucarotti, C. J. & B. Morin. 1997. A nuclear polyhedrosis virus from the obliquebanded leafroller, *Choristoneura rosaceana* (Harris) (Lepidoptera: Tortricidae). *Journal of Invertebrate Pathology* 70: 121-126.

Lucchese, E. 1940. Contributi alla conoscenza dei lepidotteri del melo. III. *Acroclita naevana* Hb. *Boll. Lab. Entomol. Agric. Portici* 5: 00-00.

Luciano, P., G. Delio & R. Prota. 1988. Osservazioni sulla popolazioni di *Lobesia botrana* (Den. & Schiff.) su *Daphne gnidium* L. in Sardegna. *Atti Congr. Naz. Ital. Entomol.* 15: 549-555. [In Italian]

Lu Chuanchuan. 1985. Bionomics and control of the eucalyptus leaf roller

(*Pelochrista* sp.). *Scientia Silvae Sin.* 21: 97-101. [In Chinese]

Lykouressis, D. P. & V. F. Eastop. 1997. Larval and pupal parasitoids of *Archips rosanus* L. on citrus: new associations. *Entomologist* 116: 33-36.

Lyons, L. A. 1957. Insects affecting seed production in red pine III. *Eucosma monitorana* Heinrich, *Laspeyresia toreuta* Grote (Lepidoptera: Olethreutidae), and *Rabsaamenia* sp. (Diptera: Cecidomyiidae), and other insects. *Canadian Entomologist* 89: 150-164.

Lyneborg, L. 1987. On the life history of *Chyliza annulipes* Macquart, 1835 (Diptera: Psilidae). *Entomol. Medd.* 55: 27-29.

Lynn, C. D. 1969. Omnivorous leaf roller, an important new grape pest in the San Joaquin Valley. *California Agriculture* 23(4): 16-17.

MacFadyen, R. E. 1976. A survey of insects attacking *Parthenium hysterophorus* L. (Compositae) in Argentina and Brazil. *Dusenia* 11: 41-45.

MacFadyen, R. E. 1985. The biological control programme against *Parthenium hysterophorus* in Queensland, pp. 789-796. In Delfose, E. S. (ed.), The Proceedings of the 6<sup>th</sup> International Symposium on Biology and Control of Weeds. Agriculture Canada, Ottawa, Canada.

MacFadyen, R. E. 1992. Biological control against parthenium weed in Australia. *Crop Protection* 11: 400-407.

MacKay, M. R. 1953. The last-instar larva of *Epinotia medioviridana* (Kft.) (Lepidoptera: Olethreutidae). *Canadian Entomologist* 85: 404-407.

MacKay, M. R. 1959. Larvae of the North American Olethreutidae (Lepidoptera). *Canadian Entomologist Suppl.* 10: 1-338.

MacKay, M. R. 1962a. Larvae of the North American Tortricinae (Lepidoptera: Tortricinae). *Canadian Entomologist Suppl.* 28: 1-181.

MacKay, M. R. 1962b. Additional larvae of the North American Olethreutinae (1) (Lepidoptera: Tortricinae). *Canadian Entomologist* 94: 626-643.

MacKay, M. R. 1965. The larva of *Epinotia criddleana* Kft. and a note on *Pseudexentera oregonana* Wlshm. (Lepidoptera: Tortricidae). *Canadian Entomologist* 97: 666-668.

MacKay, M. R. & J. A. Downes. 1969. Arctic Olethreutinae (Lepidoptera: Tortricidae). Canadian Entomologist 101: 1048-1053.

Madge, S. C. 2006. *Acleris umbrana* (Hübner, 1799) (Lepidoptera : Tortricidae) in east Cornwall (VC 2) in January 2006. Entomologist's Gazette 57: 181-182.

Madge, D. G. & S. C. Stirrat. 1991. Development of a day-degree model to predict generation events for lightbrown apple moth *Epiphyas postvittana* Walker (Lepidoptera: Tortricidae) on grapevines in Australia. Plant Prot. Q. 6(1): 39-42.

Madziara-Borusewicz, K. 1983. *Zeiraphera diniana* Gn. (Lep., Tortricidae) and the chemical composition of the needles of the larch (*Larix decidua* Mill.) From the Alps and from the Polish mountains. Zeitschrift Angew. Entomol. 95: 414-417.

Maes, J.-M. 2004. Insectos asociados a algunos cultivos tropicales en el Atlantico de Nicaragua. Parte III: Citricos (Citruss spp., Rutaceae). Revista Nicarguense de Entomologia 64 (supplement III), 242 pp.

Maksimovic, M. B. Milivojevic & R. Pekic. 1982. [Pests of the oak acorn in the seedling stand of Kupinska greda.] Zastita Bilja 33: 221-257. [In Serbo-Croatian]

Malachowska, D. 1986. The less known beet pests in Poland. Ochrana. Roslin. 30: 4-7. [In Polish]

Malumphy, C. & J. Robinson. 2002. Lepidopterous larvae intercepted on imported produce of fresh bean, pea, okra, sweet pepper, aubergine and tomato fruit in England and Wales between 1970 and 2000. Entomologist's Gazette 53: 191-202.

Mani, E., T. Wildbolz, W. Rigganbach & H. Staub. 1997. Population dynamics of codling moth, *Cydia pomonella* (L.), in undisturbed apple orchards of eastern Switzerland. Mittleilungen der Schweizerischen Entomologischen Gesellschaft 70: 117-132.

Mani, M. S. 2000. Plant galls of India. Second edition. Science Publishers, Enfield, New Hampshire.

Mann, G. S. & D. Singh. 1981. Population studies of jujube leaf-webbers on *Zizyphus mauritania* Lamk. at Ludhiana (Punjab). Entomon 6: 351-355.

Mansbridge, W. 1914. *Tortrix costana* F. vars. *liverana* and *intermedia*. Rep. Lancs. Chesh. Entomol. Soc. 1913: 18-19.

Mansilla, J. P. & M. C. Salinero. 1993. *Pammene fasciana* L. (Lep., Tortricidae) tortricido precoz del castano (*Castanea sativa* Mill.). Boletin de Sanidad Vegetal Plagas 19(2): 151-157.

MARDI. 1993. Data abstracted from reference collection of the Malaysian Agricultural Research and Development Institute at Serdang, Selangor, by Gaeden Robinson and Kevin Tuck.

Marohasy, J. J. 1989. A survey of fireweed (*Senecio madagascariensis* Poir) and its natural enemies in Madagascar with a view to biological control in Australia. Plant Protection and Quarantine 4: 139-140.

Marshall, G. E. & L. I. Musgrave. 1937. A progress report on the Microlepidoptera of southern Indiana, and their parasites. Canadian Entomologist 69: 100-106.

Martel, J. 1995. Performance of *Eurosta solidagnis* (Diptera: Tephritidae) and *Epiblema scudderiana* (Lepidoptera: Tortricidae), two gall-formers of goldenrod, in roadside environments. Environmental Entomology 24: 697-706.

Martel, J. 1998. Plant-mediated effects of soil salinity on a gall-inducing caterpillar *Epiblema scudderiana* (Lepidoptera: Tortricidae) and the influence of feeding guild. European Journal of Entomology 95: 545-557.

Martin, A., P. Baronio, N. Baldassari & G. Rocchetta. 1998. I lepidotteri torticidi del castagno (*Pammene fasciana* (L.), *Cydia fagiglandana* (Zel.) e *Cydia splendana* (Hb.)) valutati come un'unica entità di danno. Bollettino Istituto Entomologico "Guido Grandi" Univ. Bologna 52: 105-114.

Martin, C. G., J. P. Cuda, K. D. Awadzi, J. C. Medal, D. H. Habeck & J. H. Pedrosa-Macedo. 2004. Biology and laboratory rearing of *Episimus utilis* (Lepidoptera: Tortricidae), a candidate for classical biological control of Brazilian peppertree (Anacardiaceae) in Florida. Environmental Entomology 33: 1351-1361.

Martin, J. L. 1958. Observations on the biology of certain tortricids in young coniferous plantations in southern Ontario. Canadian Entomologist 90: 44-53.

Martin, J. L. 1960. Life history of the pine tip moth, *Rhyacionia adana* Heinrich, in Ontario (Lepidoptera: Olethreutidae). Canadian Entomologist 92: 724-728.

Martinet, C. & P. Speich. 1997. Use of a model in the control of codling moth (*Cydia pomonella* L.) populations. Annales ANPP 2(3): 309-321.

Marucci, P. E. 1953. The Sparganothis fruitworm in New Jersey. American Cranberry Growers Association Proceedings 83: 6-13.

Marucci, P. E., 1966. Insects and their control, pp. 199-235. In: Eck, P. & N. F. Childers (eds.), Blueberry culture. Rutgers University Press, New Brunswick, NJ.

Maschwitz, U., K. Dumpert & K. Tuck. 1986. Ants feeding on anal exudate from tortricoid larvae: a new type of trophobiosis. Journal of Natural History 20: 1041-1050.

Mathur, R. N., B. Singh & K. Lal. 1958. Insect pests of flowers, seeds and fruits of forest trees. Indian Forest Bulletin, N.S. 223: 1-105.

Matsumura, S. 1900. New Japanese Microlepidoptera. Ent. Nachr. 13: 193-199.

Matsumura, S. 1917. Oyo konchu gaku 1. Tokyo. 731 pp. [In Japanese]

Mattson, W. J., B. A. Birr & R. K. Lawrence. 1996. Staminate flowering trees phenology affect the performance of the spruce budworm. U.S. For. Serv. Gen. Tech. Rpt. NC 183: 97-103.

Mauchline, N.-A., T. M. Withers & Q. Wang. 2001. Host suitability of some eucalypts for development of the eucalyptus leafroller (*Strepsicrates macropetana*). New Zealand Plant Protection 54: 67-70.

Mawbry, W. D. & G. C. Rock. 1986. Effects of food, strain, and sex on estimating thermal requirements for nondiapause larval and pupal development of tufted apple bud moth (Lepidoptera: Tortricidae). Environmental Entomology 15: 210-215.

McCabe, T. L. & C. J. Sheviak. 1980. *Platanthera cristata* (Michx.) Lindl., a new host for the red-banded leaf roller. Journal of the New York Entomological Society 88: 197-198.

McClay, A. S. 1987. Observations on the biology and host specificity of *Epiblema strenuana* (Lepidoptera: Tortricidae), a potential biocontrol agent for *Parthenium hysterophorus* (Compositae). Entomophaga 32: 23-24.

McClay, A. S., W. A. Palmer, F. D. Bennett & K. R. Pullen. 1995. Phytophagous arthropods associated with *Parthenium hysterophorus* (Asteraceae) in North America. Annual review of Entomology 24: 796-809.

McCrary, K. W. & C. W. Berisford. 1998. Parasitism by *Trichogramma* spp. (Hymenoptera: Trichogrammatidae) in relation to Nantucket pine tip moth (Lepidoptera: Tortricidae) egg density and location. Environmental Entomology 27: 355-359.

McCrary, K. W. and C. W. Berisford. 2005. Weight change of overwintering Nantucket pine tip moth (Lepidoptera: Tortricidae) pupae in the Georgia Piedmont and Coastal Plain. Journal of Entomological Science 40: 343-346.

McDaniel, E. I. 1936. *Amelia (Tortrix) pallorana* Robinson attacks *Pinus* sp. Journal of Economic Entomology 29: 1175.

McDowell, L. L. & H. R. Wong. 1962. Pine tip moths in southeastern Manitoba. Bi-Monthly Progress Report, Canadian Forestry Service 18: 2

McDunnough, J. 1931. A new *Argyroploce* species (Eucosmidae, Lepid.). Canadian Entomologist 63: 150-152.

McDunnough, J. 1933a. Notes on the biology of certain tortricid species with structural details of the larvae and pupae. Canadian Journal of Research 9: 502-517.

McDunnough, J. 1933b. Notes on North America Lepidoptera with descriptions of new species. Canadian Entomologist 65: 200-208.

McDunnough, J. 1934. The Canadian species of the tortricid genus *Peronea*. Canadian Journal of Research 11: 290-332.

McDunnough, J. 1935. Notes on the early stages of certain Canadian microlepidoptera. Canadian Entomologist 67: 58-78.

McDunnough, J. 1940. Notes on the genus *Peronea* with description of a new species (Lepid., Tortricidae). Canadian Entomologist 72: 59-61.

McDunnough, J. 1942. Tortcid notes and descriptions. Canadian Entomologist 74: 63-71.

McDunnough, J. 1943. *Acleris kearfottana* on *Myrica* sp. [Lacking complete reference]

McDunnough, J. 1944. New Microlepidoptera with notes. Canadian Entomologist 76: 153-156.

McDunnough, J. 1946. Note on certain *Dichrorampha* species (Lepid., Laspeyresiinae). Canadian Entomologist 78: 65-67.

McDunnough, J. 1954. New Microlepidoptera from the region of Halifax, Nova Scotia, with notes on other species. American Museum Novitates 1686. 15 pp.

McDunnough, J. 1956. Microlepidoptera notes and new species. American Museum Novitates 1789. 17 pp.

McDunnough, J. 1959. On some changes in nomenclature of Microlepidoptera, with description of a new species. American Museum Novitates 1954. 9 pp.

McDunnough, J. 1961. Some hitherto undescribed species of Sparganothinae from Nova Scotia, with notes on other indigenous species (Lepidoptera, Tortricidae). American Museum Novitates 2040: 1-11.

McGeoch, M. A. 1993. The Microlepidoptera associated with a fungus gall on *Acacia karroo* Hayne in South Africa. African Entomology 1:49-56.

McGeoch, M. A. & M. Kruger. 1994. Identification and diagnoses of Lepidoptera larvae inhabiting galls induced by *Ravenelia macowaniana* Pazschke on *Acacia karroo* Hayne in South Africa. African Entomology 2:37-43.

McGregor, E. A. 1934. *Platynota stultana* Walsh. damaging green oranges in southern California. Journal of Economic Entomology 27: 974-977.

McGregor, M. D. 1967. Biology and natural enemies of an aspen leaf tier, *Sciaphila duplex*, in the intermountain region. Journal of Economic Entomology 60: 1213-1216.

McGregor, R., T. Hueppelsheuser, A. Luczynski & D. Henderson. 1998.

Collection and evaluation of *Trichogramma* species (Hymenoptera: Trichogrammatidae) as biological controls of the oblique-banded leafroller, *Choristoneura rosaceana* (Harris) (Lepidoptera: Tortricidae) in raspberries and blueberries. Biological Control 11: 38-42.

McKeague, M. & G. Simmons. 1978. Incidence and location of eastern pineshoot borer damage in some Scotch pine Christmas tree plantations in Michigan (Lepidoptera: Olethreutidae). Great Lakes Entomologist 11: 121-124.

McLaren, D. A. 1992. Observations on the life cycle and establishment of *Cochylis atricapitana* (Lep., Cochlyidae), a moth used for biological control of *Senecio jacobae* in Australia. Entomophaga 37(4): 641-648.

McMillan, J. D., M. J. Anderson, E. E. Butin & E. R. Hart. 1998. Phenology and infestation patterns of the cottonwood twig borer (Lepidoptera: Tortricidae) in Iowa. Great Lakes Entomologist 31: 181-190.

McQuate, G. T., P. A. Folett & J. M. Yoshimoto. 2000. Field infestation of rambutan fruits by internal-feeding pests in Hawaii. Journal of Economic Entomology 93: 846-851.

McQuillan, P. B. 1992. A checklist of the Tasmanian tortricid moths (Lepidoptera: Tortricidae) and their host-plant relationships. Papers and Proceedings of the Royal Society of Tasmania 126: 77-89.

McVay, J. R., R. D. Eikenbary, R. D. Morrison & C. A. Kouskolekas. 1994. Adult emergence patterns. Population trends and activity patterns of the hickory shuckworm, *Cydia caryana* (Lepidoptera: Tortricidae: Olethreutinae) in pecan orchards. Journal of Entomological Science 29: 526-533.

Meagher, R. L. & L. A. Hull. 1986. Predicting apple injury caused by *Platynota idaeusalis* (Lepidoptera: Tortricidae). Journal of Economic Entomology 79: 620-625.

Meagher, R. L. & L. A. Hull. 1987. Within-tree spatial patterns of *Platynota idaeusalis* (Lepidoptera: Tortricidae) on two apple cultivars. Environmental Entomology 16: 786-790.

Meagher, R. L. & L. A. Hull. 1991. Site selection for oviposition and larval feeding by the tufted apple bud moth (Lepidoptera: Tortricidae) on apple in Pennsylvania. Journal of Entomological Science 26: 149-156.

Meeker, J. R. & D. L. Kulhavy. 1992. Pine tip moth (Lepidoptera: Tortricidae) infestation rates as influenced by site and stand characteristic in loblolly pine plantations in east Texas. Environmental Entomology 21: 534-541.

Meyrick, E. 1881. Descriptions of Australian micro-Lepidoptera. V. Tortricina. Proceedings of the Linnean Society of New South Wales 6: 410-536.

Meyrick, E. 1881. Descriptions of Australian micro-Lepidoptera. VI. Tortricina (continued). Proceedings of the Linnean Society of New South Wales 6: 629-706.

Meyrick, E. 1895. A handbook of British Lepidoptera. MacMillan, London. 843 pp.

Meyrick, E. 1905. Descriptions of Indian Microlepidoptera, I. Journal of the Bombay Natural History Society 16: 580-619.

Meyrick, E. 1907. Descriptions of Indian Microlepidoptera, III. J. Bombay Nat. Hist. Soc. 17: 730-754.

Meyrick, E. 1908. Descriptions of African Microlepidoptera. Proc. Zool. Soc. London 1908: 716-756.

Meyrick, E. 1909. Descriptions of Indian Microlepidoptera, X. Journal Bombay Nat. Hist. Soc. 19: 582-607.

Meyrick, E. 1910a. Revision of Australian Tortricina. Proceedings of the Linnean Society of New South Wales 35: 139-294.

Meyrick, E. 1910b. Descriptions of Microlepidoptera from Mauritius and the Chagos Isles. Transactions of the Entomological Society of London 1910: 366-377.

Meyrick, E. 1911. Revision of Australian Tortricina. Proceedings of the Linnean Society of New South Wales 36: 224-303.

Meyrick, E. 1912. Descriptions of Indian Microlpeidoptera, XV. J. Bombay Nat. Hist. Soc. 21: 852-877.

Meyrick, E. 1912. Exotic Microlepidoptera 1 (1): 1-32.

Meyrick, E. 1914. Exotic Microlepidoptera 1(7): 193-224.

Meyrick, E. 1916. Exotic Microlepidoptera 2(1): 1-32.

Meyrick, E. 1918. Exotic Microlepidoptera 2(6): 161-192.

- Meyrick, E. 1920a. Exotic Microlepidoptera 2(11): 321-352.
- Meyrick, E. 1920b. Exotic Microlepidoptera 2(12): 353-384.
- Meyrick, E. 1922. Exotic Microlepidoptera 2(17): 513-544.
- Meyrick, E. 1924. Exotic Microlepidoptera 3(3): 65-96.
- Meyrick, E. 1925. Exotic Microlepidoptera 3(5): 129-224.
- Meyrick, E. 1926. Exotic Microlepidoptera 3(9): 257-288.
- Meyrick, E. 1927. Exotic Microlepidoptera 3(11): 321-352.
- Meyrick, E. 1928a. Exotic Microlepidoptera 3(14): 417-448.
- Meyrick, E. 1928b. Exotic Microlepidoptera 3(15): 449-480.
- Meyrick, E. 1930. Exotic Microlepidoptera 3(19): 577-608.
- Meyrick, E. 1931. Exotic Microlepidoptera 4(?): 127-137?
- Meyrick, E. 1932a. Exotic Microlepidoptera 4: 193-224.
- Meyrick, E. 1932b. Exotic Microlepidoptera 4: 225-???.
- Meyrick, E. 1932c. Exotic Microlepidoptera 4(10): 289-320.
- Meyrick, E. 1933. Exotic Microlepidoptera 4(14): 417-448.
- Meyrick, E. 1934. Exotic Microlepidoptera 4(16): 481-512.
- Meyrick, E. 1936. Exotic Microlepidoptera 5: 24.??
- Meyrick, E. 1937a. Exotic Microlepidoptera 5(4): 97-128.
- Meyrick, E. 1937b. Exotic Microlepidoptera 5(5): 129-160.
- Meyrick, E. 1939. New Microlepidoptera. Transactions of the Royal Entomological Society of London 89: 47-62.
- Meyrick MS 1938. Unpublished manuscript by E. Meyrick at BMNH, data

captured by Gaeden Robinson.

Miller, G. E. & A. F. Hedlin. 1984. Douglas fir cone moth and cone gall midge: relation of damage and prolonged diapause to seed cone abundance in British Columbia, pp. 91-99. In: Yates, H.O. (ed.), Proceedings of the cone and seed insects working party conference. Southeastern For. Exp. Sta., Asheville.

Miller, S. E. & R. W. Hodges. 1995. *Platynota stultana*, the omnivorous leaf-roller, established in the Hawaiian Islands (Lepidoptera: Tortricidae). Bishop Museum Occasional Papers 42: 36-39.

Miller, W. E. 1959a. A unique new North American species of pine-cone-feeding *Laspeyresia* related to *L. ingens* Heinrich (Lepidoptera, Olethreutidae). Florida Entomologist 42: 131-134.

Miller, W. E. 1959b. *Petrova houseri*, a new pitch-nodule moth from eastern North America. Ohio Journal of Science 59: 230-232.

Miller, W. E. 1960. A new pine tip moth (Olethreutidae) from the Gulf of Mexico region. Journal of the Lepidopterists' Society 14: 231-236.

Miller, W. E. 1967. The European pine shoot moth - ecology and control in the Lake States. Forest Science Monographs 14: 1-72.

Miller, W. E. 1973. Insects as related to wood and nut production, pp. 91-95. In: Grey, G. W. (ed.), Black Walnut as a crop, Black Walnut Symposium, Carbondale, Illinois, August 14-15, 1973. U.S. Department of Agriculture Forest Service General Technical Report NC-4.

Miller, W. E. 1974. Identities of taxonomically confused moths of the *Eucosma agricolana* group and description of a new species (Lepidoptera: Tortricidae). Annals of the Entomological Society of America 67: 601-604.

Miller, W. E. 1976. Biology and taxonomy of three gall-forming species of *Epiblema* (Olethreutidae). Journal of the Lepidopterists' Society 30: 50-58.

Miller, W. E. 1977. Two new species of *Petrova* moths from pine in southeast Asia (Tortricidae, Olethreutinae). Journal of the Lepidopterists' Society 31: 135-138.

Miller, W. E. 1978. *Petrova* pitch-blister moths of North America and Europe: two new species and synopsis (Olethreutidae). Annals of the Entomological

Society of America 71: 329-340.

Miller, W. E. 1979. The genus *Olethreutes*: identity corrections and description of a new species (Lepidoptera: Tortricidae: Olethreutinae). Annals of the Entomological Society of America 72: 232-236.

Miller, W. E. 1982. *Grapholita delineana* (Walker), a Eurasia hemp moth, discovered in North America. Annals of the Entomological Society of America 75: 184-186.

Miller, W. E. 1983a. Genus *Phaneta*: new synonymies and a new species (Lepidoptera: Tortricidae). Annals of the entomological Society of America 76: 298-303.

Miller, W. E. 1983b. Nearctic *Endothenia* species: a new synonymy, a misidentification, and a revised status (Lepidoptera: Tortricidae). Great Lakes Entomologist 16: 5-12.

Miller, W. E. 1985a. Nearctic *Rhyacionia* pine tip moths - a revised identity and a new species (Lepidoptera: Tortricidae). Great Lakes Entomologist 18: 119-122.

Miller, W. E. 1985b. Nearctic *Eucosma* (Lepidoptera: Tortricidae): four new species and three new synonymies. Annals of the Entomological Society of America 78: 240-247.

Miller, W. E. 1986a. *Epinotia nisella* (Clerck): an unrecorded host and mode of feeding (Lepidoptera: Tortricidae). Great Lakes Entomologist 19: 205-207.

Miller, W. E. 1986b. The species of *Pseudexentera* (Tortricidae). Journal of the Lepidopterists' Society 40: 218-237.

Miller, W. E. 1986c. New species of the genus *Cydia* that attack seeds of Mexican conifers (Lepidoptera: Tortricidae), pp. 5-7. In: Cibrian-Tovar, D., B. H. Ebel, H. O. Yates & J. T. Mendez-Montiel (eds.), Cone and seed insects of the Mexican conifers. Southeastern Forest Experiment Station.

Miller, W. E. 1987a. Guide to the olethreutine moths of Midland North America (Tortricidae). USDA, Forest Service, Agricultural Handbook 660. 104 pp.

Miller, W. E. 1987b. A new species of *Gretchenia* (Tortricidae) injurious to

planted neotropical walnut. Journal of the Lepidopterists' Society 41: 151-153.

Miller, W. E. 1988. Two new species of *Rhyacionia* pine moths from Mexico (Tortricidae: Olethreutinae). Journal of the Lepidopterists' Society 42: 236-239.

Miller, W. E. 1990. Body size and diet quality in the genus *Cydia* (Tortricidae). Journal of the Lepidopterists' Society 44: 113-142.

Miller, W. E. & M. G. Pogue. 1984. Ragweed borer (Lepidoptera: Tortricidae: Eucosmini): taxonomic implications of an allometric analysis of adult characters. Annals of the Entomological Society of America 77: 227-231.

Misra, M. P. P. K. Maharaj & A. D. Pawar. 1987. New records of *Apanteles sauros* Nixon (Hymenoptera: Braconidae) on *Eucosma critica* Meyrick (Lepidoptera: Tortricidae) from Gorokhpur, Uttar Pradesh. Indian Journal of Agricultural Science 57: 215-216.

Mitchell, R. G. & L. L. Sower. 1988. Phenology and heat accumulation as field guides for the seasonal history of the western pine shoot borer (Lepidoptera: Olethreutidae). Journal of Economic Entomology 81: 286-289.

Mitchell, R. G. & L. L. Sower. 1991. Life history of the western pine shoot borer (Lepidoptera: Olethreutidae) and effects on lodgepole pine in central Oregon. Journal of Economic Entomology 84: 206-211.

Mitchell, T. L., E. D. Bynum, C. R. Ward, G. L. Teetes, C. A. Schaeffer & R. D. Brigham. 1978. Sunflower pest population levels in relation to date of planting in the Texas high plains. Southwestern Entomologist 3: 279-283.

Miyajima, J. & Kusano, R. 2005. The inter-tree variation of the Japanese cedar *Cryptomeria japonica* D. Don (Taxodiaceae) in the degree of infestation by the cypress bark moth *Epinotia granitalis* Butler (Lepidoptera: Tortricidae). Japan Journal of Applied Entomology and Zoology 49: 123-127.

Mizell, R. F. & D. E. Schiffhauer. 1986. Larval infestation levels of pecan bud moth, *Gretchenella bolliana* (Lepidoptera: Tortricidae), in relation to cultivar and position on the tree. Environmental Entomology 15: 436-438.

Moeschler, H. B 1874. Beitrag zum Schmetterlings-Fauna von Labrador. Stettiner Entomologischen Zeitung 35: 153-166.

Molau, U., B. Eriksen & J. Teilmann Knudsen. 1989. Predispersal seed predation in *Bartsia alpina*. *Oecologia (Berl.)* 81: 181-185.

- Moleas, T. 1988. La *Lobesia botrana* Den. et Schiff. (Tortricidae - Lepidoptera), un potenziale pericolo per l'actinidia (*Actinidia chinesis* Planchon). Informatore Fitopatologico 38(12): 71-73.
- Mondy, N., P. Pracros, M. Fermaud & M.-F. Corio-Costet. 1998. Olfactory and gustatory behaviour by larvae of *Lobesia botrana* in response to *Botrytis cinerea*. Entomol. Exp. Appl. 88: 1-7.
- Mondy, N., P. Pracros, M. Fermaud, C. Couranjou & M.-F. Corio-Costet. 1997. The impact of *Botrytis cinerea* on the feeding behaviour and development of *Lobesia botrana*. Annales ANPP 2(3): 413-420.
- Moriuti, S. 1958. A new *Spilonota* (Eucosmidae) from Japan. Tyo to Ga 9: 51-53.
- Moriuti, S. & F. Komai. 1995. Records of three species of *Matsumuraeses* (Lepidoptera: Tortricidae) from Thailand. Microlepidoptera of Thailand 3: 78-85.
- Morre, K. M. 1972. Observations on some Australian forest insects 27. Some insects attacking *Callitris hugelii* (white cypress pine). Australian Zoology 17: 40-46.
- Morris, R. C. 1967. Biology of *Gypsonoma haimbachiana* (Lepidoptera: Olethreutidae), a twig borer in eastern cottonwood. Annals of the Entomological Society of America 60: 423-427.
- Morris, R. F., B. P. Greenslade, P. A. Hendrichson & K. B. McRae. 1988. Notes on the occurrence, distribution, population levels and control of *Grapholita libertina* Heinr. (Lepidoptera: Tortricidae), a pest of loganberries in Newfoundland. Canadian Entomologist 120: 867-872.
- Mourikis, P. A. & P. Vassilaina-Alexopoulou. 1974. Infestation of citrus-trees in Greece by *Archips rosanus* (L.) (Lepidoptera: Tortricidae). Annales Inst. Phytopath. Benaki 11: 69-70.
- Moutia, L. A. 1934. The sugar-cane moth borers in Mauritius. Bulletin of Entomological Research 25: 33-41.
- Moznette, G. F., T. L. Bissell & H. S. Adair. 1931. Insects of the pecan and how to combat them. U.S. Dept. Agric. Farm Bulletin 1654. 59 pp.

Moznette, G. F., C. B. Nickels, W. C. Pierce, T. L. Bissell, J. B. Demaree, J. R. Cole, H. E. Parson & J. R. Large. 1940. Insects and diseases of the pecan and their control. U.S. Dept. of Agriculture, Farm. Bulletin 1829. 70 pp.

Müller, H., D. Schroeder & A. Gassmann. 1988. *Agapeta zoegana* (L.) (Lepidoptera: Cochylidae), a suitable prospect for biological control of spotted and diffuse knapweed, *Centaurea maculosa* Monet de la Marck and *Centaurea diffusa* Monet de la Marck (Compositae) in North America. Canadian Entomologist 120(2): 109-124.

Müller, H., C. S. A. Stinson, K. Marquardt & D. Schraoder. 1989. The entomofaunas of roots of *Centaurea maculosa* Lam., *C. diffusa* Lam., and *C. vallesiaca* Jordan in Europe. Journal of Applied Entomology 107: 83-95.

Mumma, R. O. & A. S. Zettle. 1977a. Observations on immature oak leafroller, *Archips semiferanus*. Annals of the Entomological Society of America 70: 641-646.

Mumma, R. O. & A. S. Zettle. 1977b. Larval parasites of the oak leafroller, *Archips semiferanus*. Environmental Entomology 6: 601-605.

Muniappan, R. 1990. Biological control of *Lantana camara* L. in Yap. Proceedings of the Hawaiian Entomological Society 29 (1989): 195-196.

Munster-Swendsen, M. 1987. The effect of precipitation on radial increment in Norway spruce (*Picea abies* Karst.) and the dynamics of a lepidopteran pest. Journal of Applied Ecology 24: 563-571.

Munster-Swendsen, M. 1989. Phenology and natural mortalities of the fir needleminer, *Epinotia fraternana* (HW.) (Lepidoptera, Tortricidae). Entomol. Meded. 57: 111-120.

Muraleedharan, N. & R. Selvasundaram. 1981. *Isodemis* on *Camellia*.

Muraleedharan, N. & R. Selvasundaram. 1986. Two new pests of tea. FAO Plant Protection Bulletin 34: 161-162.

Muraleedharan, N. & R. Varatharajan. 1985. Flushworm control in tea with some new insecticides. Pestology 9: 5-8.

Murase, M. 1999. Emergence of *Cryptophlebia horii* Kawabe (Tortricidae, Olethreutinae) from viviparous seed of *Bruguiera gymnorhiza* (Rhizophoraceae). Japan Heterocerists' Society 203: 49-50.

Murase, M. 2002. Moth larvae feeding on *Glochidion obovatum* Sieb. et Zucc. (Euphorbiaceae). Japan Heterocerists' Journal 220: 381-382.

Murase, M. 2003. Larvae of *Ancylis mandarinana* Walsingham (Lepidoptera: Tortricidae) found on *Lathyrus japonicus* subsp. *japonicus* (Leguminosae), a new hostplant. Nanki Seibutu 45: 56. [In Japanese]

Murphy, D. H. 1990. The natural history of insect herbivory on mangrove trees in and near Singapore. Raffles Bulletin of Zoology 38: 198-203.

Mutuura, A. & T. Freeman. 1966. The North American species of the genus *Zeiraphera* Treitschke (Olethreutidae). Journal of Research on the Lepidoptera 5: 153-176.

Myburgh, A. C. & D. J. Rust. 1975. Proceedings of the First Congress of Entomological Society of South Africa: 3-9.

Nagrare, V. S. 2005. New record of shoot borer *Peridea edala* sp. (Lepidoptera: Tortricidae) and its host range of orchids. Entomon 30 (4): 359-360.

Nakamura, M. 1987. A new recorded species of the genus *Matsumuraes* from Japan (Lepidoptera, Tortricidae). Tyo to Ga 38: 69-72.

Namba, R. 1957. *Cryptophlebia illepida* (Butler) (Lepidoptera: Eucosmidae) and other pests of the Macadamia nut in Hawaii. Proceedings of the Hawaiian Entomological Society 16: 284-297.

Nasu, Y. 1980. The Japanese species of the genus *Notocelia* Hübner (Lepidoptera: Tortricidae). Tinea 11(4): 33-43.

Nasu, Y. 1991a. A new species and a newly recorded species of *Epinotia* Hübner (Lepidoptera: Tortricidae) injurious to spruce in Japan. Appl. Entomol. Zool. 26: 343-346.

Nasu, Y. 1991b. The Japanese species of the genus *Retinea* Guenée, with description of a new species (Lepidoptera: Tortricidae). Tyo to Ga 42: 81-92.

Nasu, Y. 1993a. New record of *Acroclita nigrovenana* (Lepidoptera, Tortricidae) from Japan. Japanese Journal of Entomology 61: 216.

Nasu, Y. 1993b. New host plants of *Lobesia* (*Lobesia*) *aeolopa* Meyrick.

[Japanese Journal with no translation, vol. 35].

Nasu, Y. 1995. *Heleanna melanomochla* (Meyrick) (Lepidoptera: Tortricidae), feeding on mango in Taiwan. Transactions of the Lepidoptera Society of Japan 46: 159-164.

Nasu, Y. 1999. A new species of *Heleanna* (Lepidoptera: Tortricidae) injurious to *Garcinia subelliptica* (Guttiferae) in the Ryukyus, Japan. Appl. Entomol. Zool. 34 (1): 105-111.

Nasu, Y. 2000a. Notes on the genus *Eriopsela* Guenée (Lepidoptera, Tortricidae) from Japan. Transactions of the Lepidoptera Society of Japan 51: 157-165.

Nasu, Y. 2000b. One new and three newly recorded olethreutine moths (Lepidoptera, Tortricidae) from Japan. Transactions of the Lepidoptera Society of Japan 51: 19-28.

Nasu, Y., Y. Arita, M. Kimura & A. Ogata. 2004. Some lepidopterous pests of eucalyptus trees from Japan. Japanese Journal of Applied Entomology and Zoology 48: 123-133.

Nasu, Y., K. Kawasaki and N. Arakaki. 1993. *Statherotis discana* (Felder et Rogenhofer) (Lepidoptera: Tortricidae) injurious to litchi from Japan. Applied Entomology and Zoology 28: 97-101.

Nasu, Y. & H. Kogi. 1997. A new species and three newly recorded species of the subfamily Olethreutinae (Lepidoptera: Tortricidae) from Japan. Transactions of the Lepidoptera Society of Japan 48: 133-140.

Nasu, Y. & H. Kogi. 1999. The occurrence of *Phiaris dissolutana* (Stange) (Lepidoptera, Tortricidae) in Japan. Transactions of the Lepidoptera Society of Japan 50: 303-306.

Nasu, Y. & F. Komai. 1997. A new species of the genus *Hendecaneura* Walsingham (Lepidoptera, Tortricidae) injurious to the twigs of Hirado azalea hybrids from Japan. Japan. J. Entomol. 65: 413-420.

Nasu, Y., F. Komai & M. Murase. 2005. New record of *Noduliferola abstrusa* Kuznetzov (Lepidoptera, Tortricidae, Olethreutinae) from Japan, with description of the immature stages. Tinea 18 (supplement 3): 115-123.

Nasu, Y. & K. Yasuda. 1993. *Crocidosema plebejana* Zeller (Lepidoptera:

Tortricidae) injurious to okra in Japan. Japanese Journal of Applied Zoology 37: 19-22. [In Japanese]

Nava, D. E., Fortes, P., de Oliveira, D. G., Vieira, F. T., Ibelli, T. M., Guedes, J. V. C., Parra, J. R. P. 2006. *Platynota rostrana* (Walker) (Tortricidae) and *Phidotricha erigens* Ragonot (Pyralidae): artificial diet effects on biological cycle. Brazilian Journal of Biology 66: 1037-1043

Navie, S. C., T. E. Priest, R. E. McFadyen & S. W. Adkins. 1998. Efficacy of the stem-galling moth *Epiblema strenuana* Walk. (Lepidoptera: Tortricidae) as a biological control agent for ragweed parthenium (*Parthenium hysterophorus* L.). Biological Control 13:1-8

Nazarov, V. V. 1987. On the damage of the fruits of orchids by the larvae of tortricid with *Lobesia crimea* Flkv. (Lepidoptera, Tortricidae) in the Crimea. Entomol. Obozr. 66: 519-520. [In Russian]

Nedoshivina, S. V. and V. V. Zolotuhin. 2005. A new subspecies of *Pelatea klugiana* (Freyer, 1836) from the Middle Volga Region of Russia with notes on its morphology and life history (Tortricidae). Nota Lepidopterologica 28: 3-9

Neiswander, R. B. 1944. Insect pests of strawberries in Ohio. Ohio Agric. Exp. Sta. Bull. 651. 37 pp.

Nelson, R. H. 1936. Observations on the life history of *Platynota stultana* Wlshm. on greenhouse rose. Journal of Economic Entomology 29: 306-312.

Neunzig, H. H. & J. M. Falter. 1966. Insect and mite pests of blueberry in North Carolina. North Carolina Agricultural Experiment Station Bulletin 427. 34 pp.

Newcomer, E. J. 1950. Orchard insects of the Pacific Northwest and their control. USDA Circular 270. 63 pp.

Newcomer, E. J. & F. W. Carlson. 1952. The leaf roller moth *Pandemis pyrusana*. Journal of Economic Entomology 45: 1079-1081.

Newman, J. H. 1968. First records of the white pine shoot borer, *Eucosma gloriola* (Lepidoptera: Olethreutidae) in Michigan. Mich. Entomol. 1: 267-270.

Newton, P. J. 1988. Inversely density-dependent egg parasitism in patchy

distributions of the citrus pest *Cryptophlebia leucotreta* (Lepidoptera: Tortricidae) and its agricultural efficiency. J. Appl. Ecol. 25: 145-162.

Newton, P. J. 1989. The influence of citrus fruit condition on egg laying by the false codling moth, *Cryptophlebia leucotreta*. Entomol. Exp. Appl. 52: 113-117.

Newton, P. J. 1990. Ovipositional preferences amongst navel sweet orange types by the false codling moth, *Cryptophlebia leucotreta*. Ann. Appl. Biol. 116: 143-150.

Newton, P. J. & C. Crause. 1990. Oviposition on *Litchi chinensis* by *Cryptophlebia* species (Lepidoptera: Tortricidae). Phytophylactica 22: 365-367.

Nielsen, B. O. 1977. Beech seeds as an ecosystem component. Oikos 29: 268-274.

Nielsen, F. J. 1993. *Cacoecimorpha pronubana* Hb. Found in Denmark. Lepidoptera (Copenhagen) 6: 148-150. [In Danish]

Nietner, J. 1861. Observations on the enemies of the coffee tree in Ceylon. Ceylon Times 1861. 8. 31 pp.

Nilsson, S. G. & U. Wastljung. 1987. Seed predation and cross-pollination in mast-seeding beech (*Fagus sylvatica*) patches. Ecology 68: 260-265.

Nomura, H., A. B. Gusman, D. L. Correa & L. Nemoto. 1976. Desenvolvimento de *Laspeyresia* sp. (Lepidoptera, Grapholitidae), nove praga desmentes do barbatimao, *Stryphnodendron barbadetmann* (Velloso). Cientifica 4(1): 6-13.

Noughton, G. G. 1970. Black walnut deformed by shoot moth. Journal of Forestry 68: 28-29.

Nozawa, A. and N. Inari, N. 2005. Abundance of inflorescence tissue feeders on three willow species. Entomological Science 8 (1): 9-15.

Nucifora, A., E. Buonocore, A. Colombo, P. Boncoraglio, G. Campo & M. T. Nucifora. 1996. The mating disruption method in the control of *Lobesia botrana* (Den. et Schiff.) (Lepidoptera, Tortricidae) in vineyard of the cultivar Italia in eastern Sicily (Italy). IF (Informatore Fitopatologica) 46: 56-61.

Nuorteva, P., Z. Whitkowski & S.-L. Nuorteva. 1987. Chronic damage by *Tortrix viridana* L. (Lepidoptera, Tortricidae) related to the content of iron, aluminum, zinc, cadmium and mercury in oak leaves in Niepolomice Forest. Ann. Entomol. Fenn. 53: 36-38.

Nuttall, M. J. 1983. *Strepsicrates macropetana* Meyrick (Lepidoptera: Tortricidae). Eucalyptus leafroller. Forest Timb. Ins. N. Z. No. 57: 1-4.

Nuzzaci, G. & O. Triggiani. 1982. Note sulla brocenosi in Puglia della *Lobesia (Polychrosis) botrana* (Schiff.) (Lepidoptera: Tortricidae) infeudata a *Daphne gnidium* L. Entomologica Bari 17: 23-30.

Nyiira, Z. M. 1971. The status of insect pests of cowpeas (*Vigna unguiculata* (L.) Walp.) in Uganda and their control. PNAS 17(2): 194-197.

Oatman, E. R., E. F. Legner & R. F. Brooks. 1962. Bionomics of the eye-spotted bud moth, *Spilonota ocellana*, on cherry in Wisconsin. Journal of Economic Entomology 55: 930-934.

Obraztsov, N. S. 1962. New species and subspecies of North American Archipini, with notes on other species (Lepidoptera, Tortricidae). American Museum Novitates 2101. 26 pp.

Obraztsov, N. S. 1964. Neotropical microlepidoptera, V. Synopsis of the species of the genus *Proeulia* from central Chile (Lepidoptera: Tortricidae). Proceedings of the United States National Museum 116: 183-196.

Obraztsov, N. S. 1967. Die Gattungen der Palaearktischen Tortricidae. 2. Die Unterfamilie Olethreutinae. 7. Teil, Tribus Eucosmini (Heinr. 1923) - Fortsetzung. Tijdschr. Entomol. 110: 65-88.

Obraztsov, N. S. 1968. Die Gattungen der palaearktischen Tortricidae II. Die Unterfamilie Olethreutinae. Tijdschr. Entomol. 111: 1-48.

Ofuya, T. I. & A. E. Akingbohungbe. 1990. The bionomics and control of *Cydia ptychora* (Meyrick) (Lepidoptera: Tortricidae), a pest of cowpeas, *Vigna unguiculata* (L.) Walp in tropical Africa. FAO Plant Protection Bulletin 38(4): 195-202.

Oh, K. S, Y. S. Bae & J. D. Park. 2001 Moth pests of *Quercus* (Fagaceae) cone. Korean Journal of Entomology 31: 221-224.

Ohira, Y. & T. Oku. 1996. A trial to promote the effect of natural control agents, especially of *Trichogramma* sp. on the apple tortrix, *Archips fuscocupreanus* Walsingham, by disrupting the mating of the pest. FFTC Book Series 47: 131-136.

O'Keefe, D. 1991. *Pammene agnotana* (Reb.) (Lep., Tortricidae) resident in Kent. Entomologist's Record and Journal of Variation 103: 327-328.

Oku, T. 1963. A new mint borer of Tortricidae from Japan, with description of a new genus (Lepidoptera: Tortricidae). Insecta Matsumurana 26: 104-107.

Oku, T. 1967. Tortricoidea as agricultural and horticultural pests in Hokkaido, with special reference to the host plants. Bulletin of the Hokkaido Prefectural Agricultural Experimental Station 16: 44-62. [In Japanese]

Oku, T. 1968. New or little known species of the subfamily Olethreutinae injurious to conifer trees in Japan (Lepidoptera, Tortricidae). Kontyu 36: 227-236.

Oku, T. 1969. [Notes on the host plants of the genus *Hendecaneura*]. Kontyu 37: 19. [In Japanese]

Oku, T. 1971. A new pine shoot moth of Olethreutinae from Japan (Lepidoptera: Tortricidae). Kontyu 39: 289-291.

Oku, T. 1974. [Notes on Japanese Olethreutinae. 8]. Tohoku Kontyu, 11: 6. [In Japanese]

Oku, T. 1979. A new fruit-borer of Eucosmini (Lepidoptera, Tortricidae) attacking *Podocarpus* in Japan with description of a new genus. Applied Entomology and Zoology 14: 365-369.

Oku, T. 1979. *Acroclita* and some allied genera (Lepidoptera: Tortricidae) from Japan, with descriptions of new taxa. Kontyu 47: 586-592.

Oku, T. 1981. Notes on "*Simaethis*" *sapporensis* Matsumura with description of a new genus of Olethreutinae, Tortricidae. Transactions of the Lepidoptera Society of Japan 31: 126-132,

Oku, T. 1984. Notes of the tortricid podborer of *Sophora* in Japan (Lepidoptera, Tortricidae). Japanese Journal of Applied Entomology and Zoology 29: 80-82.

Oku, T. 2005. Some olethreutine moths (Lepidoptera: Tortricidae) from Japan confused with or allied to other known species. *Tinea* 18 (supplement 3): 96-114.

Oku, T., Y. Miyahara, T. Fujimara & A. Toki. 1983. Preliminary note on *Matsumaraeses* species (Lepidoptera: Tortricidae) injuring soybeans in Tohoku district. *Japanese Journal of Applied Zoology* 27: 28-34.

Okumura, G. T. 1974. Illustrated key to the identification of lepidopterous larvae attacking tomatoes in Mexico and the United States, excluding Alaska. *National Pest Control Operators News* 34 (7): 13-18.

Olaifa, J. I. & A. E. Akingbohungbe. 1981. Aspects of the biology of the black cowpea moth, *Cydia ptychora* (Meyrick) (Lepidoptera: Tortricidae) related to host plant phenology. *Annals of Applied Biology* 97: 129-134.

Olaifa, J. I. & A. E. Akingbohungbe. 1982. Bionomics of *Bracon? hancocki* (Wilkinson) (Hymenoptera: Braconidae), a larval parasite of *Cydia ptychora* (Meyrick) (Lepidoptera: Tortricidae) in Nigeria. *Bulletin of Entomological Research* 72: 567-572.

Onstad, D. W. W. H. Reissig & C. A. Shoemaker. 1986. Influence of apple cultivar, tree phenology, and leaf quality on the development and mortality of *Choristoneura rosaceana* (Lepidoptera: Tortricidae). *Canadian Entomologist* 118: 123-132.

Opler, P. A. 1971. Biological and systematic considerations of the "Emarginana Group" of the genus *Epinotia*. *Journal of the Lepidopterists' Society* 25: 115-123.

Opler, P. A. 1974. Biology, ecology and host specificity of Microlepidoptera associated with *Quercus agrifolia* (Fagaceae). *University of California Publications in Entomology* 75. 85 pp.

Paillet, A. 1935. Note préliminaire sur les Microlepidoptères nuisibles au pommier. *Rev. Franc. Entomol.* 2: 00.

Palm, E. 1982. Atlas over Viklernes Udbredelse i Danmark (Tortricidae and Cochylidae). *Dansk Faunistik Bibliotek* 2: 1-110.

Palmer, W. A. 1996. From Gaeden Robinson database (BMNH).

Panchabhavi, K. S. 1982. Note on *Cydia (Laspeyresia) ptychora* Meyrick (Lepidoptera; Tortricidae) as a new host of groundout in Karnataka. Indian Journal of Agricultural Science 52: 44.

Panchabhavi, K. S. & V. B. Hullatti. 1983. *Cydia (Laspeyresia) ptychora* Meyrick (Lepidoptera; Tortricidae) infesting groundout pods in field. Indian Journal of Agricultural Science 53: 84-85.

Park, K. T. 1983a. Tortricidae and Cochylidae, pp. 592-603, 942-988. In: Shin, Y. S et al. (ed.), Illustrated Flora and Fuana of Korea, 27, Insecta IX.

Park, K. T. 1983b. Microlepidoptera of Korea. Insecta Koreana 3: 8-24.

Park, K. T. & S. B. Ahn. 1984. Survey of cone infesting insects of *Pinus koraiensis* S. et Z. in Korea. International Congress of Entomology 17: 611. [Abstract]

Park, K. T. & S. B. Ahn. 1987. Newly recorded species of Tortricidae (Lepidoptera) from Korea (I). Thirteen species of the subfamily Olethreutinae. Korean Journal of Plant Protection 2: 181-186.

Park, K. T. & S. B. Ahn. 1988. Newly recorded species of Tortricidae (Lepidoptera) from Korea (II). Seven of the subfamily Olethreutinae. Korean Journal of Entomology 18: 121-130.

Park, K.-T. & A. Kawabe. 1986. Seven species of Olethreutini (Lepidoptera: Tortricidae) new to Korea. Korean Journal of Plant Protection 25(4): 193-200.

Park, U. & K. T. Park. 1988. Korean species of the genus *Olethreutes* (Lepidoptera: Tortricidae). Korean Journal of Applied Entomology 27: 68-80.

Parra, L. E. & L. A. Cerda. 1992. Presencia de *Proeulia chrysopteris* (Butler) (Lepidoptera: Tortricidae) sobre *Pinus radiata* D. Don. Bosque 12: 61-63.

Parry, M. & A. D. Pawar. 1988. Pest complex of wild variety of pomegranate *Punica granatum* L. in Jammu & Kashmir. Plant Protection Bulletin (Faridabad) 40: 21.

Parsons, M. 1986. Foodplants of *Cacoecimorpha pronubana* Hubn. (Tortricidae). Entomologist's Record and Journal of Variation 98: 196.

Pastrana, J. A. 1950. Una nueva peste en *Araucaria* de Misiones Republic Argentina "Lepidoptera - Grapholitidae." De la Revista de Invest Agric. 4: 243-244.

Pastrana, J. A. 1952. Una nueva peste en *Jodina rhombofolia* de la Argentina (Lep.: Grapholitidae). Anales de la Sociedad Cientifica Argentina 154: 65-77.

Pastrana J. A. 1961. Una nueva Tortricidae (Lep.) plaga potencial de cultivos citricos. Revista Invest. Agric. 15: 343-348.

Pastrana, J. A. 1964. Una especie nueva de Olethreutidae (Lep.) de la Argentina. PHYSIS 24(68): 307-310.

Pastrana, J. A. 2004. Los Lepidopteros Argentinos, sus hospedadoras y otros sustratos alimenticios. South American Biological Control Laboratory USDA - ARS and Sociedad Entomologia Argentina.

Patel, A. R., G. M. Talati & H. N. Vyas. 1986. Biology of pink pod borer, *Cydia (Laspeyresia) pychora* Meyrick a pest of greengram, *Vigna radiata* (L.) Wilczek. Gujarat. Agric. Univ. Res. J. 11: 36-43.

Payne, J. A., & E. K. Heaton. 1975. The hickory shuckworm: its biology, effect upon nut quality, and control. Ann. Rpt. Northern Nut Growers Assoc. 66: 19-25.

Peacock, J. W., S. L. Wright & J. R. Galford. 1988. Attraction of acorn-infesting *Cydia latiferreana* (Lepidoptera: Tortricidae) to pheromone-baited traps. Great Lakes Entomologist 21: 151-156.

Pedraza-Martinez, F. A. 1990. Seasonal incidence of *Suleima helianthana* (Riley) infestation in sunflower in central Tamaulipas, Mexico. Southwestern Entomologist 15: 453-457.

Peers, J. 1864a. Description of the larva of *Tortrix viburnana*. The Entomologist 2: 62-63.

Peers, J. 1864b. Description of the larva of *Peronea caledoniana*. The Entomologist 2: 63-64.

Peizhen et al. 1977. *Pelochrista* on *Eucalyptus*.

Peng, C. & G. J. Brewer. 1995. Description of achene damage by the red sunflower seed weevil, the banded sunflower moth, and the sunflower moth. Journal of the Kansas Entomological Society 68: 263-267.

Perkins, R. C. L. & O. H. Swezey. 1924. The introduction into Hawaii of insects that attack lantana. Bulletin of the Hawaii Sugar Association, Entomology, Ser. 16. 83 pp.

Perrin, R. M. 1978a. Varietal differences in the susceptibility of cowpea to larvae of the seed moth, *Cydia ptychora* (Meyrick) (Lepidoptera: Tortricidae). Bulletin of Entomological Research 68: 47-56.

Perrin, R. M. 1978b. The effect of some cowpea varieties on the development and survival of the larvae of the seed moth, *Cydia ptychora* (Meyrick) (Lepidoptera: Tortricidae). Bulletin of Entomological Research 68: 57-63.

Peterson, A. 1960. A leaf skeletonizer, *Lobesia liriiodendrana* (Kearfott), Olethreutidae, on *Magnolia grandiflora* in Florida. Florida Entomologist 43: 105-114.

Peterson, L. O. T. 1958. The boxelder twig borer, *Proteoteras willingana* (Kearfott) (Lepidoptera: Olethreutidae). Canadian Entomologist 90: 639-646.

Petit, R. H. 1933. The principal grape insects of Michigan. Spec. Bull. 239. Michigan Agricultural Experiment Station, East Lansing, Michigan. 18 pp.

Pholboon, P. 1965. A host list of the insects of Thailand. U.S. Operations Mission to Thailand, Bangkok. 149 pp.

Piao, M.-H, C.-Y. Lee & X.-X. Chen. 2006. Morphological descriptions of three species larvae of Tortricidae (Lepidoptera) from Korea. Entomotaxonomia 28: 201-208.

Piekarska-Boniecka, H. 1997. The leaf-rollers (Lepidoptera, Tortricidae) and their parasitoids (Hymenoptera, Ichneumonidae) occurring in plantations of black currant (*Ribes nigrum* L.) In the environs of Poznan. Wiadomosci Entomologiczne 15(4) (1996): 241-247.

Pifford, B. 1864. *Paedisca oppressana*, Tr. Entomologist's Monthly Magazine 1: 51.

Pilon, J. G. 1965. Bionomics of the spruce budworm, *Zeiraphera ratzeburgiana* (Ratz.) (Lepidoptera: Olethreutidae). Phytoprotection 46: 5-16.

Pinese, B. & J. D. Brown. 1986. The avocado leafroller, a pest of increasing significance. Queensland Agricultural Journal (November-December) 1986: 289-292.

Pinhey, E. C. G. 1975. Moths of Southern Africa, descriptions and colour illustrations of 1183 species. Tafelberg Publishers Ltd. 273 pp.

Pinna, M. & P. Navone. 1995. *Cydia lobaczewski* (Nowicki) on apple in northern Italy. IF (Informatore Fitopatologico) 45: 34-35.

Pinto, J. D. & S. I. Frommer. 1984. Laboratory and field observations on the life history of *Epinotia kasloana* McDunnough (Lepidoptera: Tortricidae: Olethreutinae), a moth feeding on jojoba (*Simmondsia chinensis* (Link) Schneider). Proceedings of the Entomological Society of Washington 86: 199-209.

Plakidas, J. D. 1978. *Epiblema scudderiana* (Clemens) (Lepidoptera: Olethreutidae), a winter host reservoir for parasitic insects in southwestern Pennsylvania. Journal of the New York Entomological Society 86: 220-223.

Plank, H. K. 1922. The blackhead fireworm of cranberry on the Pacific coast. U.S. Department of Agriculture Bulletin 1032.

Pogue, M. 1986. A revision of the neotropical genus *Apolychrosis* Amsel with descriptions of new species (Lepidoptera: Tortricidae), pp. 19-28. In: Cibrian-Tovar, D., B. H. Ebel, H. O. Yates & J. T. Mendez-Montiel (eds.), Cone and seed insects of the Mexican conifers. Southeastern Forest Experiment Station.

Pogue, M. G. 1988. Revision of the genus *Lorita* Busck (Lepidoptera: Tortricidae: Cochylini), with a description of a new species. Proceedings of the Entomological Society of Washington 90: 440-457.

Pogue, M. 2001. Revised status of *Rolandylis* Gibeaux (Lepidoptera: Tortricidae: Cochylini), with descriptions of two new species from North America. Proceedings of the Entomological Society of Washington 103: 788-796.

Pogue, M. G. & T. P. Friedlander. 1987. *Cochylis caulocatax* Razowski (Lepidoptera: Tortricidae: Cochylini): a redescription of the male with descriptions of the female, larva, and pupa. Proceedings of the Entomological Society of Washington 95: 320-327.

Pogue, M. & R. Lavigne 1981. The Tortricinae (Lepidoptera: Tortricidae) of Wyoming. University of Wyoming Agricultural Experiment Station , Laramie, Wyoming. Science Monograph SM-41. 321 pp.

Pohl, G. R., C. D. Bird, J.-F. Landry & G. G. Anweiler. 2005. New records of microlepidoptera in Alberta, Canada. Journal of the Lepidopterists' Society 59: 61-82.

Poinar, G. O. 1964. Observations on nutgrass insects in Hawaii with notes on the host range of *Bactra truculenta* Meyrick and *Athesapeuta cyperi* Marshall. Proceedings of the Hawaiian Entomological Society 18: 417-423.

Pomeroy, A. W. J. 1925. The cotton bollworms of southern Nigeria. A. Bull. Dept. Agric. Nigeria 4: 89-108.

Ponder, B. M. & W. D. Seabrook. 1988. Biology of the blueberry leaftier *Croesia curvalana* (Kearfott) (Tortricidae): a field and laboratory study. Journal of the Lepidopterists' Society 42: 120-131.

Poore, D. M. 1981. Nantucket pine tip moth, *Rhyacionia frustrana*, in Kern County, California: integrated control and biological notes (Lepidoptera: Tortricidae: Olethreutinae). Journal of Research on the Lepidoptera 19 (1980): 65-67.

Postner, M. 1978. Olethreutinae. Laspeyresiini, pp. 89-109. In: Schwenke, W. (ed.), Die Forstschadlinge europas. Volume 3. Schmetterlinge. Parey, Hamburg. 467 pp.

Powell, G. W. B. M. Wikeem & A. Sturko. 2000. Biology of *Agapeta zoegana* (Lepidoptera: Cochylidae), propagated for the biological control of knapweed (Asteraceae). Canadian Entomologist 132: 223-230.

Powell, J. A. 1960. Descriptions of new species of *Argyrotaenia* in the southwestern United States (Lepidoptera: Tortricidae). Pan-Pacific Entomologist 36: 83-97.

Powell, J. A. 1961. Taxonomic and biological observations on *Pseudexentera habrosana* (Heinrich) (Lepidoptera: Tortricidae). Pan-Pacific Entomologist

37: 203-209.

Powell, J. A. 1962a. Host-parasite relationships of California Tortricinae. Pan-Pacific Entomologist 38: 131-140.

Powell, J. A. 1962b. Biological and taxonomic notes on two California species of *Proteoteras* (Lepidoptera: Tortricidae). Pan-Pacific Entomologist 38: 191-195.

Powell, J. A. 1962c. Two previously undescribed species of Canadian Archipsini, with a report of the genus *Lozotaenia* Stephens in North America (Lepidoptera: Tortricidae). Canadian Entomologist 94: 841-845.

Powell, J. A. 1962d. Taxonomic studies on the *Acleris gloverana-variana* complex, the black-headed budworms (Lepidoptera: Tortricidae). Canadian Entomologist 94: 833-840.

Powell, J. A. 1963. Records and descriptions of some interesting species of *Eucosma* in California (Lepidoptera: Tortricidae). Proceedings of the Biological Society of Washington 76: 235-246.

Powell, J. A. 1964a. A review of *Griselda*, with descriptions of a related new genus and two species (Lepidoptera: Tortricidae). Pan-Pacific Entomologist 40: 85-97.

Powell, J. A. 1964b. Biological and taxonomic studies on tortricine moths, with reference to the species in California. University of California Publications in Entomology 32. 317 pp.

Powell, J. A. 1965. Supplementary notes on North American and Mexican species of *Decodes* and *Argyrotaenia*, with descriptions of new species (Lepidoptera: Tortricidae). Proceedings of the Biological Society of Washington 78: 65-80.

Powell, J. A. 1968. Host associations and taxonomy of nearctic conifer cone moths in the genus *Eucosma* (Lepidoptera: Tortricidae). Hilgardia 39: 1-36.

Powell, J. A. 1975. Biological records and descriptions of some little known *Epiblema* in the southwestern United States (Lepidoptera: Tortricidae). The Pan-Pacific Entomologist 51: 99-112.

Powell, J. A. 1976. Host plant preference, mating and egg development in *Synnoma lynosyrana* (Lepidoptera: Tortricidae). Pan-Pacific Entomologist

52: 1-12.

Powell, J. A. 1979. *Grapholitha edwardsiana* (Kearfott, 1907) (Tortricidae): an endemic San Francisco moth nearing extinction. Pan-Pacific Entomologist 55: 76.

Powell, J. A. 1980. A synopsis of *Decodes* (Lepidoptera: Tortricidae), with descriptions of new species and a related new genus in Mexico. Pacific Insects 22: 78-114.

Powell, J. A. 1983. Expanding geographical and ecological range of *Platynota stultana* in California. Pan-Pacific Entomologist 59: 233-239.

Powell, J. A. 1985. Discovery of two new species and genera of shaggy tortricids related to *Synnona* and *Niasoma* (Tortricidae: Sparganothini). Journal of Research on Lepidoptera 24 (1): 61-71.

Powell, J. A. 1986. Synopsis of the classification of Neotropical Tortricinae, with descriptions of new genera and species (Lepidoptera: Tortricidae). Pan-Pacific Entomologist 62: 372-398.

Powell, J. A. 1997. Three additional *Bactra* in California, one native but overlooked, one probably introduced, one new species (Tortricidae). Journal of the Lepidopterist's Society 51(2): 128-134.

Powell, J. A. 2006. Database of Lepidoptera rearing lots, 1960-2005. University of California Berkeley, CA.

Powell, J. A. & J. W. Brown. 1998. A new species of Ericaceae-feeding *Decodes* from the Channel Islands and mainland of southern California (Lepidoptera: Tortricidae: Cnephasiini). Pan-Pacific Entomologist 74: 102-107.

Powell, J. A. & I. F. B. Common. 1985. Oviposition patterns and egg characteristics of Australian tortricine moths (Lepidoptera: Tortricidae). Australian Journal of Zoology 33: 179-216.

Powell, J. A. & J. A. De Benedictis. 1996. Foliage-feeding Lepidoptera of *Abies* and *Pseudotsuga* associated with *Choristoneura* in California, pp. 167-216. In: Powell, J. A. (ed.), Biosystematic studies on conifer-feeding *Choristoneura* (Lepidoptera: Tortricidae) in the western United States. University of California Publications in Entomology 115.

Powell, J. A. & W. E. Miller. 1978. Nearctic pine tip moths of the genus *Rhyacionia*: Biosystematic study. USDA, Forest Service, Agricultural Handbook 514. 51 pp.

Powell, J. A. & N. Obraztsov. 1977. *Cudonigera*: A new genus for moths formerly assigned to *Choristoneura houstonana* (Tortricidae). Journal of the Lepidopterists' Society 31: 119-123.

Powell, J. A. & P. A. Opler. 2006. Larval host plant records of Asteraceae root-feeding Eucosmini in California and adjacent states (Tortricidae). Journal of the Lepidopterists' Society 60:189-193.

Prakash, S. S. K. Pradhan, S. K. Sarkar & S. N. Tripathi. 2002. Influence of boron, zinc, and iron on the incidence of top shoot borer, *Cydia (Laspeyresia) tricentra* Meyr. in sunnhemp. Journal of Entomological Research 25: 97-100.

Prentice, R. M. 1966. Vol. 4. Microlepidoptera. In: Forest Lepidoptera of Canada recorded by the Forest Insect Survey. Dept. For. Canada Publ. 1142: 543-840.

Priesner, E., H. Bogenschütz & H. Arn. 1980. A sex attractant for the European budworm moth, *Choristoneura murinana*. Z. Naturforsch. 35: 390-398.

Prithoda, A. [Orange worms]. Ziva 24(2): 65. [In Czechoslovakian]

Prueitt, S. C. & D. W. Ross. 1998. Effects of environment and host genetics on *Eucosma sonomana* (Lepidoptera: Tortricidae) infestation levels. Environmental Entomology 27: 1469-1472.

Pucat, A. M. 1994. Fruit leaf rollers, *Proeulia* spp. Agriculture and Agri-food Canada, Plant Health Risk Assessment Unit.

Putman, W. L. 1935. Notes on the hosts and parasites of some lepidopterous larvae. Canadian Entomologist 67: 105-109.

Putman, W. L. 1942. Host plants and parasites of some lepidopterous larvae. Canadian Entomologist 74: 219-224.

Putman, W. L. 1963. The codling moth, *Carpocapsa pomonella* (L.) (Lepidoptera: Tortricidae): a review with special reference to Ontario. Proceedings of the Entomological Society of Ontario 93: 22-60.

Quail, A. 1905. *Epalxiphora axenana*, Meyr.: a species of Lepidoptera scarce in New Zealand. Transactions of the New Zealand Institute 37: 343-350.

Quayle, H. J. 1910. The orange tortrix (*Tortrix citrana*). Journal of Economical Entomology 3: 401-402.

Quilici, S., B. Verbizier, B. Trahais & R. Manikom. 1988. Note sur les ravageurs du litchi à la Réunion. Fruits (Paris) 42: 459-464.

Quimby, P. C., K. E. Frick, R. D. Wauchope & S. H. Kay. 1979. Effects of cadmium on two biocontrol insects and their host weeds. Bulletin Environ. Contam. Toxicol. 22: 371-378.

Quiring, D. T. 1992. Rapid change in suitability of white spruce for a specialist herbivore, *Zeiraphera canadensis*, as function of leaf age. Canadian Journal of Zoology 70: 2132-2138.

Quiroga, D., V. Arretz, & J. E. Araya. 1989. Chewing insects on jojoba, *Simondsia chinensis* (Link) Schneider, in the north-central and central regions of Chile, and characterization of damage. FAO Plant Protection Bull. 37: 121-124.

Rafes, P. M. 1991. Does the plant defend itself against leaf-feeding insects? U.S. Forest Service Northeastern Experiment Station General Technical Report NE 153: 215-216.

Ragonot, E.-L. 1894. Notes synonymiques sur les Microlépidoptères et descriptions d'espèces peu connues ou inédites. Ann. Soc. Entomol. Fran. 1894: 161-226.

Raizenne, H. 1952. Forest Lepidoptera of southern Ontario and their parasites. Canadian Department of Agriculture, Ottawa.

Rajahekhangouda, R. S. Yelshetty & M. C. Devaiah. 1992. Studies on the life-history of *Archips micaceana* Walker (Lepidoptera: Tortricidae), a pest of mulberry. Indian Journal of Agricultural Research 26: 160-164.

Raman, A. & K. Dhileepan. 1999. Qualitative evaluation of damage by *Epiblema strenuana* (Lepidoptera: Tortricidae) to the weed *Parthenium hysterophorus* (Asteraceae). Annals of the Entomological Society of America 92: 717-723.

Razowski, J. 1966. World fauna of the Tortricini (Lepidoptera, Tortricidae). Krakow. 576 pp.

Razowski, J. 1970. *Cochylidae*. In: Amsel, H. G., F. Gregor & H. Reiser (eds.), *Microlepidoptera Palaearctica*, vol 3. Verlag G. Fromme & Co., Wien. 528 pp.

Razowski, J. 1975. Review of the Palaearctic *Sparganothini* (Lepidoptera, Tortricidae). *Acta Zoologica Cracoviensia* 20: 151-166.

Razowski, J. 1977. Monograph of the genus *Archips* Hübner (Lepidoptera, Tortricidae). *Acta Zoologica Cracoviensia* 22: 55-205.

Razowski, J. 1983. Motyle (Lepidoptera) Polski, VI. Olethreutinae: Olethreutidii. Monogr. Fauny Polskie 13. 177 pp.

Razowski, J. 1987. Motyle (Lepidoptera) Polski. Czesc VII. Uzupelnienia i Eucosmini. Monogr. Fauny Polski 19. 253 pp.

Razowski, J. 1987. The genera of Tortricidae (Lepidoptera). Part 1. Palearctic Chlidanotinae and Tortricinae. *Acta Zool. Cracov.* 30: 141-355.

Razowksi, J. 1989. The genera of Tortricidae (Lepidoptera). Part II: Palaearctic Olethreutinae. *Acta Zoologica Cracoviensia* 32: 107-328.

Razowski, J. 1993. Revision of *Apotoformia* Busck, 1934 (Lepidoptera: Tortricidae), with descriptions of four other Tortricini species. *Acta Zoologica Cracoviensia* 36: 183-197.

Razowski, J. 1997. *Cochylini* (Lepidoptera: Tortricidae) of Canada. *Acta Zoologica Cracoviensia* 40: 107-163.

Razowski, J. 2001. Die Tortriciden (Lepidoptera, Tortricidae) Mitteleuropas. Slamka, Bratslava. 320 pp.

Razowski, J. 2005a. Notes and descriptions of primitive Tortricini from tropical Africa, with a list of Asian taxa (Lepidoptera: Tortricidae). SHILAP Revista de Lepidopterologia 33: 423-436.

Razowski, J. 2005b. Tortricidae (Lepidoptera) from South Africa. 1: Tortricini and Cochylini. Polskie Pismo entomol. 74:495-508.

Razowski, J. & V. O. Becker. 1983. Brazilian *Cochylidii* (Lepidoptera: Tortricidae). *Acta Zoologica Cracoviensia* 26: 421-464.

Razowski, J. & V. O. Becker. 1986. *Cochylidii* (Lepidoptera: Tortricidae) collected in Central America and Mexico. *Acta Zoologica Cracoviensis* 29: 441-500.

Razowski, J. & V. O. Becker. 1993. The Neotropical *Polyorthini* *Biclonuncaria*, new genus (Lepidoptera, Tortricidae) and its eleven new species. *Revta. Bras. Entomol.* 37: 505-522.

Razowski, J. & V. O. Becker. 2000. Revision of the Neotropical *Argyrotaenia* Stephens, with notes on *Diedra* Rubinoff & Powell (Lepidoptera: Tortricidae). *Acta Zool. Cracov.* 43: 307-332.

Razowski, J. & T. Yasuda. 1975. On the *Laspeyresiini* genus *Matsumuraeses* Issiki (Lepidoptera, Tortricidae). *Acta Zoologica Cracoviensis* 20: 89-106.

Re, G., A. Alma & A. Arzone. 1998. Investigation on egg parasitoids of *Cydia pomonella* (Linnaeus) in IPM orchards in north-western Italy. *Mitt. Biol. Bund. Land- Forest. Berlin-Dahlem* 356: 53-57.

Reed, W. 1974. The false codling moth, *Cryptophlebia leucotreta* Meyr. (Lepidoptera: Olethreutidae) as a pest of cotton in Uganda. *Cotton Growers Review* 51 (3): 213-225.

Regniere, J. & B. Boulet & J. J. Turgeon. 1988. Sequential sampling plan with two critical levels for spruce budworm (Lepidoptera: Tortricidae). *Journal of Economic Entomology* 83: 220-224.

Regniere, J. & P. Duval. 1998. Overwintering mortality of spruce budworm, *Choristoneura fumiferana* (Clem.) (Lepidoptera: Tortricidae), populations under field conditions. *Canadian Entomologist* 130: 13-26.

Reid, N. 1987. Safe sites for *Amyema quandang* (Lindl.) Van Tiegh (Loranthaceae) seeds: dispersal requirements and post-dispersal mortality, pp. 691-699. In: Weber, H. C. & W. Forsttreuter (eds.), *Proceedings of the 4<sup>th</sup> International Symposium on Parasitic Flowering Plants*, Philipps-Universitat, Marburg.

Retnakaran, A. W. L. Tomkins, M. J. Pimavera & S. R. Palli. 1999. Feeding behaviour of the first-instar *Choristoneura fumiferana* and *Choristoneura pinus pinus* (Lepidoptera: Tortricidae). *Canadian Entomologist* 131: 79-84.

Rice, R. E., D. L. Flaherty & R. A. Jones. 1988. The obliquebanded leafroller: a new pest of pistachios? *California Agriculture* 42: 27-29.

Richardson, C. H. 1944. Records of the oriental fruit moth in Iowa, and comments on an apparently new insect pest in Iowa apple orchards. Iowa State Horticultural Society Transactions 78 (1943): 137.

Richman, D. B., D. C. Thompson & J. O'Mara. 1992. Effects of leaf tiers on broom snakeweed in central New Mexico. Southwestern Entomologist 17: 187-189.

Riley, C. V. 1868. [Title.] Journal of Horticulture. [Lacking complete reference]

Riley, C. V. 1881. Descriptions of some new Tortricidae. Transactions of the St. Louis Academy of Sciences 4: 316-324.

Riley, C. V. 1886. The pine amorphia. Rept. Entomol. Comm. for 1885-1886: 207-343.

Riley, C. V. 1988. [Title.] Proceedings of the Entomological Society of Washington 1: 33.

Roa, B. S. 1965. Pests of *Hevea* plantations in Malaya. Rubber Research Institute, Kuala Lumpur, India. 98 pp.

Roberts, D. W. 1966. Life history of and parasites of *Evora hemidesma* (Zeller) (Lepidoptera: Olethreutidae). Boyce Thompson Institute Contributions 23: 165-170.

Robinson, G. 1976. Card catalogue of hostplants of Fijian Microlepidoptera, mainly from abstracted literature; original in BMNH Microlepidoptera Section Library.

Robinson, G. S., Ackery, P. R., Kitching, I. J., Beccaloni, G. W., and Hernández, L. M. 2001. Hostplants of the moth and butterfly caterpillars of the Oriental Region. Kuala Lumpur, Malaysia, Southdene Sdn Bhd. 774 pp.

Robinson, G. S., K. R. Tuck, & M. Schaffer. 1994. A field guide to the smaller moths of South-East Asia. Malaysian Nature Society, Kuala Lumpur. 309 pp.

Rock, C. G., R. E. Stinner, J. E. Bacheler, L. A. Hull, and H. W. Hogmire. 1993. Predicting geographical and within-season variation in male flights of four fruit pests. Environmental Entomology 22: 716-725.

Rogers, C. E. 1979. Sunflower bud moth: behavior and impact of the larva on sunflower seed production in the southern Plains. Environmental Entomology 8: 113-116.

Rogers, C. E. 1985. Bionomics of *Eucosma womonana* Kearfott (Lepidoptera: Tortricidae), a root borer in sunflowers. Environmental Entomology 14: 42-44.

Rogers, C. E., T. E. Thompson & O. R. Jones. 1979. *Eucosma womonana* Kearfott (Lepidoptera: Olethreutidae): a new pest of sunflower in the southern Plains. Journal of the Kansas Entomological Society 52: 373-376.

Roman, E. 1934. Le "Coco ensorcelé." Historie d'une semence sauteuse. Bulletin de la Société Linne Lyons (N.S.) 3: 96-100.

Roques, A. & F. Goussard. 1982. Ameliorations de la technique de prévision de pullulation de la tordeuse du mélèze *Zeiraphera diniana* Guenée (Lep., Tortricidae). Acta Oecol., Oecol. Appl. 3: 35-45.

Roques, A. J. P. Rimbault & F. Goussard. 1984. La colonisation des cônes et galbules des genévriers méditerranéens par les insectes et acariens et son influence sur les possibilités de régénération naturelle de ces essences. Ecol. Mediterr. 10: 147-169.

Roques, A. & J. von Hirschheydt. 1990. Contribution à la connaissance de la faune entomologique des cônes de Mélèze en Suisse. Mitt. Schweiz. Entomol. Gesel. 63: 105-114.

Ross, D. W., G. Birgersson, K. E. Espelie & C. W. Berisford. 1995. Monoterpene emissions and cuticular lipids of loblolly and slash pines: potential bases for oviposition preference of the Nantucket pine tip moth. Canadian Journal of Botany 73: 21-25.

Rotundo, G. & R. Giacometti. 1986. Realtà e prospettive di lotta alle tortrici delle castagne. Informatore Agraria 42: 69-72.

Rotundo, G. & R. Giacometti & A. Rotundo. 1984. Individuazione degli attrattivi sessuali dei torticidi delle castagne mediante studio elettroantennografico e di campo. Bollettino Laboratori Entomologia Agraria Filippo Silvestri 41: 211-224.

Rotundo, G., R. Giacometti & A. Rotundo. 1985. I semiochemici delle tortrici

dele castagne. Atti Congr. Naz. Ital. Entomol. 14: 491-498.

Rotundo, G. & A. Rotundo. 1984. Reposta elettroantennografica della *Cydia splendana* Hubn. (Lep. Tortricidae) agli estratti grezzi e frazioni cromatografiche delle infiorescenze di *Castanea sativa* Miller (cv 'Montemarano'). Bollettino Laboratorio Entomologia Agraria Filippo Silvestri 41: 99-108.

Rotundo, G., C. Tonini, G. Guglielmetti & A. Rotundo. 1988. Identification of volatiles from leaves of *Castanea sativa* Miller and electroantennogram responses of *Cydia splendana* Hubn. (Lep., Tortricidae). Ann. Fac. Sci. Agrar. Unuv. Stud. Napoli Portici 21: 20-38. [In Italian]

Rotundo, G. & E. Tremblay. 1993. Electoantennographic responses of chestnut moths (Lepidoptera: Tortricidae) and their parasitoid *Ascogaster quadridentatus* Wesmael (Hymenoptera: Braconidae) to volatiles from chestnut (*Castanea sativa* Miller) leaves. Redia 76(2): 361-373.

Sabourin, M. & B. Landry. 2000. Notes on *Endothenia affiliana* (McDunnough) (Lepidoptera: Tortricidae): corrected description and first report of a larval host. Fabreries 25: 51-52.

Sabourin, M., R. J. Priest & W. E. Miller. 1997. Neacrtic *Acleris*: resurrection of *A. stadiana* and a revised identity for *A. semiannula* (Lepidoptera: Tortricidae). The Great Lakes Entomologist 30: 71-78.

Sacchetti, P., M. Perrone, A. Battisti & R. Riberi. 2004. Biology of two moths associated with the maritime pine in Liguria. Atti del Congresso Nazionale Italiano di Entomologia 19 (2): 891-895.

Salles, L. A. B. & L. H. Marini. 1989. Etiologia do ataque das de *Grapholita molesta* (Busck, 1916) (Lepidoptera: Tortricidae) em pesseiro. An. Soc. Entomol. Bras. 18: 337-345.

Sanchez Peña, G. R. Henández Alonso, J. F. Cañada Martín, J. Dieste Otal & V. Pérez Fortea. 2000. Nota sobre el seguimiento del tortricido *Epinotia subsequana* Hw., minador en agujas de abeto e indicaciones sobre su ciclo biología y desarrollo. Bol. San. Veg. Plagas 26: 21-26.

Sanchez, N. E., P. C. Pereyra & M. V. Gentile. 1997. Population parameters of *Epinotia aporema* (Lepidoptera: Tortricidae) on soybean. Revista Sociedad Entomología Argentina 56: 151-153.

Sandberg, S. & S. Passoa. 1989. New host records and morphological notes on four tortricines (Tortricidae). J. Res. Lepid. 27: 104-108.

Sankaran, T. & D. Srinath. 1966. Observations on the biology of *Bactra* (*Nanobactra*) *minima minima* Meyrick and the damage caused by it to *Cyperus rotundus* L. Commonwealth Institute Biological Control Technical Bulletin 7: 139-147.

Santos-Gonzales, F., J. L. Vazquez, H. Mojica & J. J. Mondragon Castillo. 1998. Use of "CLIMEX" to evaluate the establishment potential of two apple exotic pest species, *Grapholita molesta* and *Platynota idaeosalis*, in Mexico. Agrociencia (Montecillo) 32: 47-52.

Sarikaya, O. & M. Avci. 2002. Bati Akdeniz Toros Göknari (*Abies cilicica* Carr.) Ormanlarında Ağaç Ölümleri. Orman Mühendisliği Dergisi, Sai 9-10: 20-24. [*Choristoneura muriana*]

Sarikaya, O. & M. Avci. 2006. The occurrence of *Choristoneura murinana* in *Abies cilicica* forests in Asia Minor. Munis Entomology & Zoology 1: 289-296.

Sartwell, C., G. E. Daterman, L. L. Sower, D. L. Overhulser & T. W. Koerber. 1980. Mating disruption with synthetic sex attractants controls damage by *Eucosma sonomana* (Lepidoptera: Tortricidae, Olethreutinae) in *Pinus ponderosa* plantations. 1. Manually applied polyvinyl chloride formulation. Canadian Entomologist 112: 159-162.

Satoh, H. & T. Oku. 1974. A newly discovered pine shoot moth, Matsu-Aka-Tsuya-Shinmusi (*Petrova gemmeata*). Shinirin Boueki (Forest Protection) 23: 236-238.

Satpathi, C. R. & M. R. Ghosh. 1998. Influence of date of sowing and variety on incidence of insect pests of pigeon pea (*Cajanus cajan* (L.) Mill sp.). Plant Protection Bulletin (Faridibad) 50 (1-4): 15-16.

Satterthwait, A. F. 1948. Important sun flower insects and their insect enemies. Journal of Economic Entomology 41: 725-731.

Sauter, W. & T. Wildbolz. 1989. *Grapholita labarzewskii* Nowickii, der Kleine Fruchtwickler, eine oft verwechselte Art, auch in der Schweiz verbreite (Lep. Tort.). Mitt. Scheiw. Entomol. Gesel. 62: 9-16.

Savopoulou-Soultani, M. & M. E. Tzanakakis. 1987. Comparison of olive flowers with vine flowers and leaves as food for larvae of *Lobesia botrana*, pp. 63-67. In: Cavalloro, R. (ed.), Influence of environmental factors on the control of grape pests, diseases and weeds. Proc. Of meeting of EC Experts Group, Thessaloniki, in 1987. A. A. Balkema, Rotterdam & Brookfield. 351 pp.

Schaffner, J. V. 1959. Microlepidoptera and their parasites reared from field collections in the northeastern United States. USDA, Misc. Publ. 767 (1958). 97 pp.

Schmid, J. M., J. C. Mitchell & S. A. Mata. 1986. Ponderosa pine conelet and cone mortality in central Arizona. Great Basin Nat. 46: 445-448.

Schmid, J. M., J. C. Mitchell & R. E. Stevens. 1981. *Cydia youngana* (Kearfott) (Lepidoptera: Tortricidae) and associates in Engelmann spruce cones., Fraser Experimental Forest, Colorado. U.S. Dept. Agric. For. Serv. Res. Note RM No. 394: 1-5

Scholtz, C. H. 1977. An African bud-borer (Lepidoptera: Tortricidae) with a complex life-cycle. Proceedings of the Congress of Entomology of South Africa, Number 2: 31-32.

Scholtz, C. H. & E. Holm. 1978. An African bud-borer (Lepidoptera: Tortricidae) with a complex life cycle. Journal of the Entomological Society of Southern Africa 41(1): 1-7.

Schönherr, J. 1987. Zwei neue *Cydia*-Arten aus Brasilien (Lep., Tortricidae). Journal of Applied Entomology 102: 284-287.

Schott, F. M. 1925. Notes on Lepidoptera and Hymenoptera. Journal of the New York Entomological Society 33: 55.

Schowalter, T. D. M. I. Haverty & T. W. Koerber. 1985. Cone and seed insects of Douglas-fir, *Pseudotsuga menziesii* (Mirb.) Franco, seed orchards in the western United States: distribution and relative impact. Canadian Entomologist 117: 1223-1230.

Schroeder, D. 1985. The search for effective biological control agents in Europe. 1. Diffuse and spotted knapweed, pp. 103-119. In Delfosse, E. S. (ed.), Proceedings of the 6<sup>th</sup> International Symposium on the Biological Control of Weeds. Vancouver, British Columbia, Canada.

Schütze, K. T. 1931. Die Biologi der Kleinschmetterlinge unter besonderer Berücksichtigung ihrer Nährpflanzen und Erscheinungszeiten. Verlag Internationalen Entomologischen Vereins. E. V., Frankfurt am Main. 235 pp.

Scott, J. K. & E. M. Brown. 1992. Preliminary observations on the biology and host plants of "Tortrix" sp. (Lepidoptera: Tortricidae), a possible biological control agent for *Chrysanthemoides* spp. (Asteraceae). Journal of the Entomological Society of South Africa 55: 245-253.

Sekita, N. 1985. Statistical analyses of pheromone trap catches of the summer fruit tortrix *Adoxophyes orana fasciata* Walsingham (Lepidoptera: Tortricidae) in apple orchards. Applied Entomol. Zool. Tokyo 20: 501-504.

Sekita, N. 1996. A granulosis virus as a control agent of *Adoxophyes orana fasciata* Walsingham (Lepidoptera: Tortricidae) in apple orchards. HFTC Book Series 47: 125-130.

Semyanov, V. P. & M. A. Ryliskiene. 1983. Study of the abundance and harmfulness of rose-flies in rose plantations in Lithuania, pp. 140-144. In Semyanov, V. P. (ed.), Noveishie dostizheniya selskokhozy-aistvennoi entomologii po materialam Ush-sezeda VEO, Vilnius, 9-13 oktyabrya 1979 g.

Serebrennikova, N. I.. L. S. Kulikova & S. A. Zhukovskaya. 1986. [Pests of soya] Zashchita Rast. 1986: 52-56. [In Russian]

Sermann, H. & H. Zahn. 1986. Untersuchungen zur Autokologie des Rindenwicklers (*Enarmonia formosana* Scop.). Nachrichtenbl. Pflanzenschutz DDR 40: 128-132. [In German]

Sevumian, A. A. & A. A. Aslanian. 1988. Pests of the walnut culture in the Armenian SSR. Biol. Zh. Armen. 41(9): 784-785. [In Russian]

Shah, A. H., B. M. Patel & G. M. Patel. 1988. New host and first record of *Bactra minima* Meyr. (Tortricidae: Lepidoptera) from the south Gujarat. Bull. Entomol. 29: 221-223.

Sharma, S. K. & P. R. Gupta. 1987. Occurrence of *Cydia* sp. *funebrana*? (Treitschke) as a apricot fruit borer - a new record from India. Journal of the Bombay Natural History Society 83 (1986): 677-679.

Shaw, M. R. 1989. Feeding habitats of *Acleris schalleriana* (L.) (Lepidoptera: Tortricidae) in S. Cumbria and N. Lancs. Entomologist's Gazette 40: 344.

Shaw, P. B., H. Kido, D. L. Flaherty, W. W. Barnett & H. L. Andris. 1983. Spatial distribution of infestations of *Platynota stultana* (Lepidoptera: Tortricidae) in California vineyards and a plan for sequential sampling. Environmental Entomology 12: 60-65.

Shea, P. J. 1986. Impact of insects on cone/seed production in three blister rust-resistant western white pine seed orchards. U.S. Department of Agriculture, Forest Service General Technical Report INT 203: 256-259.

Sheldon, W. G. 1923. *Peronea hastiana* L.: its distribution, habits, life cycles and variations. Entomologist 56: 75-81, 100-104, 128-131, 149-153, 173-178, 197-202, 221-226, 269-271.

Shepherd, R. F. & T. G. Gray. 1990a. Distribution of eggs of western blackheaded budworm, *Acleris gloverana* (Walsingham) (Lepidoptera: Tortricidae), and of foliage over the crowns of western hemlock, *Tsuga heterophylla* (Raf.) Sarg. Canadian Entomologist 122: 547-554.

Shepherd, R. F. & T. G. Gray. 1990b. A sampling system for eggs of western blackheaded budworm, *Acleris gloverana* (Walsingham) (Lepidoptera: Tortricidae), on western hemlock, *Tsuga heterophylla* (Raf.) Sarg. Canadian Entomologist 122: 555-562.

Shibata, H. 1971. The olethreutid moth, *Bactra honesta* Meyrick, as a borer of flat-sedge plant, *Cyperus serotinus* Rottb., in paddy field. Proceedings of the Association of Plant Protection Hokuriku 19: 122-123. [In Japanese]

Shukla, G. S., O. Singh & A. Singh. 1984. New record of the pests of pigeonpea, *Cajanus cajan* (Linn.). Journal Adv. Zool. 5(1): 58-59.

Simon Thomas, R. T. 1958. Insects bred from cultivated and ornamental plants in Netherlands New Guinea. Tijdschrift voor Entomologie 101: 223-228.

Simon Thomas, R. T. 1962. De plagen van enkele cultuurgewassen in West Nieuw Guinea (Checklist of pests of some crops in West Irian). Mededelingen Dienst Economische Zaken, Agricultural Series 1.

Singh, K. P., K. S. Kapoor & S. R. Arya. 1995. Biology and life history of poplar shoot borer, *Eucosma glaciata* Meyrick (Lepidoptera: Eucosmidae) in Himachal Pradesh. Indian Forester 121: 39-43.

Singh, S. R., L. E. N. Jackai, H. R. Dos Santos and C. B. Adalla. 1990. Insect pests of cowpea, pp. 43-89. In: Singh, S. R. (ed.), Insect pests of tropical food legumes. John Wiley & Sons, Chichester, New York, Brisbane, Toronto, Singapore.

Singh, O. P. & S. S. Jakhmola. 1983. New record of *Cydia pychora* Meyrick as a pod-borer pest of soybean in Madhya Pradesh. Indian Journal of Agricultural Science 53: 615-616.

Sites, R. W. & S. A. Phillips. 1989. Root-feeding insects of *Senecio riddelli* in eastern New Mexico and northwestern Texas. Journal of Range Management 42: 404-406.

Sivapalan, P. & V. Delucchi. 1975. Integrated approach in tea pest control in Sri Lanka., Tea Q- 45(3-4): 80-90.

Sixtus, C. R.. R. R. Scott & G. D. Hill. 2006. Infestation or gorse pods by *Cydia ulicetana* and *Exapion ulicis* in the South Island of New Zealand. Plant Protection Quarterly 21 (1): 39-42.

Sklyar, Y. I. 1984. [Harmfulness of cereal leaf rollers under conditions of Prisivashye.] Doklady Vses. Sel'Khoz. Nauk 1984(11): 45. [In Russian]

Skrzypcynska, M. 1977. [*Petrova perangustana* Snellen (Lepidoptera, Tortricidae), injurious to seeds and cones of larches in Poland.] Polskie Pismo Entomol. 47: 117-121. [In Polish]

Skrzypcynska, M. 1980. [*Laspeyresia strobilella* (L.) (Lep., Tortricidae) in Poland.] Przeglad Zool. 24: 317-320. [In Polish]

Skrzypcynska, M. 1982. [Pests of the cones seeds of *Abies alba* Mill. in selected localities of the Beskid Sadecki region in the years 1976-1980. Acta Agrar. Silvestr. (Ser. Silvestr.) 21: 79-97. [In Polish]

Skrzypcynska, M. 1983. *Rhyacionia buoliana* - a dangerous pest to agriculture and forestry plantations. Wszechswist 84(2): 16-17.

Skrzypcynska, M. 1989. A new locality of *Retinea perangustana* Snellen, 1883 (Lepidoptera; Tortircidae) in Poland. Przegl. Zool. 33: 573-574.

Skrzypcynska, M. 2004. Impact of *Keneliola fagiglandana* (Zeller) (Lepidoptera: Tortricidae) on health of beech *Fagus sylvatica* L. seeds in the Ojcow National Park. Sylwan 2004 (1): 3-5.

Skrzypcynska, M., M. Koziol & M. Kosibowicz. 1998. Pheromone trapping of the spruce seed moth *Cydia strobilella* L. (Lep., Tortricidae) in southern Poland in 1996-1997. Anzeiger fuer Schaedlingskunde Pflanzenschutz Umweltschutz 71: 96-99.

Smee, C. 1939. Leaf-eating caterpillars on tea. Nyasaland Tea Association Quarterly Journal 3: 1-8.

Smee, C. 1942. Report of the entomologist 1941. Dept. Agric. Nyasaland.

Smelyanets, V. 1997. Dynamics of trophical niches of the winter pine shoot moth (*Rhyacionia buoliana* Schiff., Lepidoptera: Tortricidae) and response of the protective system of the Scots pine to the affection. 1. Dynamics of formation of trophical niches of the winter pine shoot moth in stands of the Scots pine. Archives of Phytopathology and Plant Protection 30: 409-420.

Smith, C. C. 1946. Notes on the birch shoot borer, *Epinotia solicitana* Walker (Olethreutidae, Lepidoptera). Acadian Naturalist 2: 114-121.

Smith, M. H. 1994. A new larval foodplant for *Falseuncaria ruficiliiana* (Haw.) (Lep., Tortricidae). Entomologist's Record and Journal of Variation 106: 26.

Smith, M. R. 1965. A list of Lepidoptera associated with cocoa in West Africa with notes on identification and biology of species in Ghana. Cocoa Res. Inst. (Ghana Acad. Sci.) Tech Bull. 9.

Smith, R. C., E. G. Kelly, G. A. Dean, H. R. Bryson & R. L. Parker. 1943. Common insects of Kansas. Kansas State Board of Agriculture Quarterly Report 62: 226.

Smith, W. W. 1941. A new leaf roller on strawberry. Journal of Economic Entomology 34: 323.

Snow, S. J. & S. McClellan. 1951. *Tortrix pallorana* Rob., a pest of seed alfalfa in Utah. Journal of Economic Entomology 44: 1023-1024.

Sobhian, R. 1996. *Acroclita subsequana* (Herrich-Schäffer, 1851) (Lep., Tortricidae, Olethreutinae) a possible agent for biological control of *Euphorbia esula* L. in North America. Journal of Applied Entomology 120: 383-384.

Sobhian, R. & H. Zwolfer. 1985. Phytophagous insect species associated with

flower heads of yellow star thistle (*Centaurea solstitialis* L.) Zeitschrift Angew. Entomol. 99: 301-321.

Sohn, J.-C. 2002. A taxonomic study on the immature stage of leaf-rolling Tortricidae (Lepidoptera) on rosaceous fruit trees in Korea. Masters thesis, Kangwon National University. 146 pp.

Sokoloff, P. 1983. *Cacoecimorpha pronubana* (Hubner) (Lepidoptera: Tortricidae) on conifers. Entomologist's Gazette 34: 124.

Sokoloff, P. 1986. *Argyrotaenia pulchellana* Haw. (Lep.: Tortricidae) on *Vitis vinifera*. Entomologist's Record and Journal of Variation 98: 254-255.

Song, S. J., R. S. Bourchier & S. M. Smith. 1997. Effect of host diet on acceptance of eastern spruce budworm eggs by *Trichogramma minutum*. Entomologia Experimentalis et Applicata 84: 41-47.

Sorhagen, L. 1881. Aus meinem entomologischen Tagebuche. Berlinger Entomol. Zeitschr. 25: 17-26.

Soria, F., E. Cano & E. Ocete. 1999. Valoracion del ataque de *Curculio elephas* (Gyllenhal) (Coleoptera, Curculionidae) y *Cydia* spp. (Lepidoptera, Tortricidae) en el fruto del alcornoque. Boletin de Sanidad Vegetal Plagas 25: 69-74.

Soria, F. J. & M. E. Ocete. 1996. Principales tortricidos perforadores del fruto del alcornoque en la sierra norte de Sevilla. Boletin de Sanidad Vegetal Plagas 22: 63-69.

Soria, F. J., M. Villagrán, P. Martín & M. E. Ocete. 1999. *Curculio elephas* (Gyllenhal) (Col.: Curculionidae) y *Cydia fagiglandana* (Zeller) (Lep.: Tortricidae) en encina (*Quercus rotundifolia* Lam.): infestación y relaciones interspecificas. Boletin de Sanidad Vegetal Plagas 25: 125-130.

Sower, L. L., G. E. Daterman & C. Starwell. 1984. Surveying populations of western pine shoot borers (Lepidoptera: Olethreutidae). Journal of Economic Entomology 77: 715-719.

Sower, L. L., G. E. Daterman & C. Starwell. 1989. Biology and impact of western pine shoot borer, *Eucosma sonomana*, in the western United States. In: Alfaro, R. I. & S. G. Glover (ed.), Insects affecting restoration: biology and damage. Forestry Canada, Pacific & Yukon Region, Victoria, Canada. 256 pp.



Sower, L. L. & R. G. Mitchell. 1987. Host-tree selection by western pine shoot borer (Lepidoptera: Olethreutidae) in ponderosa pine plantations. *Environmental Entomology* 16: 1145-1147.

Sower, L. L. & M. D. Shorb. 1984. Effect of western pine shoot borer (Lepidoptera: Olethreutidae) on vertical growth of ponderosa pine. *Journal of Economic Entomology* 77: 932-935.

Spiegel, L. H. & P. W. Price. 1996. Plant aging and the distribution of *Rhyacionia neomexicana* (Lepidoptera: Tortricidae). *Environmental Entomology* 25: 359-294.

Spiller, D. & K. A. J. Wise. 1982. A catalogue (1880-1960) of the New Zealand insect and their host plants. New Zealand Department of Scientific and Industrial Research, Wellington.

Spitzer, K. & J. Jaros. 1985. Notes on *Gnathmocerodes petrifraga* Diakonoff 1967 (Lepidoptera: Tortricidae) associated with *Barringtonia* trees. *Journal of Research on the Lepidoptera* 24: 187-190.

Spitzer, K., J. Jaroš & A. Bezdek. 2003. Leaf-spinning moths (Lepidoptera) feeding on *Vaccinium uliginosum* L. along an ecological gradient of central European peat bogs. *Entomologica Fennica* 14: 46-52.

Spuler, A. 1910. Die Schmetterlinge Europas. Stuttgart. E. Schweizerbart'sche Verslagbuchhandlung. 523 pp.

Stamenkovic, G. & R. Garic. 1990. The effect of *Cydia pyrivora* (Lepidoptera: Tortricidae) on the intensity of the attack of *Monilinia fructigena* on pear fruits. *Bull. SROP (Sect. Reg. Ouest Paleartcique)* 13: 41-45.

Stansly, P. A. & W. Sanchez. 1990. Biology and oviposition behavior of *Cydia fabivora* (Lepidoptera; Tortricidae) in soybean on Ecuador's coastal plain. *Florida Entomologist* 73: 219-225.

Stein, J. D. 1983a. The biology, host range, parasites, and hyperparasites of koa seed insects in Hawaii: a review. *Proceedings of the Hawaiian Entomological Society* 24 (1980-1981): 317-326.

Stein, J. D. 1983b. Insects associated with *Acacia koa* seed in Hawaii. *Environmental Entomology* 12: 299-302.

Steinger, T. & H. Müller-Scharer. 1992. Physiological and growth responses of *Centaurea maculosa* (Asteraceae) to root herbivory under varying levels of interspecific competition and soil nitrogen availability. *Oecologia* 91: 141-149.

Stephen, F. M. & G. W. Wallis. 1985. Dynamics of Nantucket pine tip moth populations in intensively managed pine plantations in Arkansas. *Research Dev. Pap. For. Comm.* No. 135: 61-70.

Sterling, M. 1991. *Dichrorampha senectana* (Guenée) bred from *C. lecanthemum* (L.) ox-eye daisy. *Entomologist's Record and Journal of Variation* 103: 106-107.

Steven, D. 1992. Pest Lepidoptera of kiwifruit in New Zealand. *Acta Hgorticulturae* 297: 531-536.

Stevens, P. S. 1997. Host preferences of *Trichogrammatoidea bactrae fumata* (Hym.: Trichogrammatidae) an egg parasitoid of leafrollers (Lep.: Tortricidae). *Entomophaga* 40 (1995): 379-385.

Stevens, R. E., V. M. Carolin & G. P. Markin. 1984. Lepidoptera associated with western spruce budworm. U.S. Department of Agriculture Forest Service, Agriculture Handbook 622. 63 pp.

Stevens, R. E. & D. T. Jennings. 1977. Western pine-shoot borer: a threat to intensive management of Ponderosa pine in the Rocky Mountain area and southwest. U.S. Department of Agriculture, Forest Service General Technical Report (RM) 45: 1-8.

Still, G. W. 1962. Cultural control of the grape berry moth. USDA Agric. Inform. Bull No. 256.

Story, J. M. 1985. Status of biological weed control in Montana, pp. 837-842. In Delfose, E. S. (ed.), *Proceedings of the 6<sup>th</sup> International Symposium on the Biological Control of Weeds*. Vancouver, British Columbia, Canada.

Story, J. M., K. W. Boggs & W. R. Good. 1991. First report of the establishment of *Agapeta zoegana* L. (Lepidoptera: Cochylidae) on spotted knapweed, *Centaurea maculosa* Lamarck, in the United States. *Canadian Entomologist* 123: 411-412.

Story, J. M., W. Good & L. White. 1999. Biocontrol of spotted knapweed: monitoring and collecting *Agapeta zoegana* and *Cyphocleonus achates*.

Montana State University Extension Service MontGuide No. MT 9915.

Story, J. M., W. R. Good, L. J. White & L. Smith. 2000. Effects of the interaction of the biocontrol agent, *Agapeta zoegana* L. (Lepidoptera: Cochylidae), and grass competition on spotted knapweed Biological Control 17: 182-190.

Stuart, R. J. & S. Polavarapu. 1998. Oviposition preferences of the polyphagous moth *Choristoneura parallela* (Lepidoptera: Tortricidae): effects of plant species, leaf size, and experimental design. Environmental Entomology 27: 102-109.

Styles, J. H. 1959. Notes on some Microlepidoptera. Entomological Gazette 10: 43-44.

Subbiah, K. 1995. The parasitism by *Bracon hebetor* on the larva of *Cydia leucostoma* in field conditions. Journal of Ecobiol. 7: 299-302.

Subharani, S. & T. K. Singh. 2004a. Insect pest complex of pigeonpea (*Cajanus cajan*) in agro-ecosystems of Manipur. Indian Journal of Entomology 66: 222-224.

Subharani, S. & T. K. Singh. 2004b. New record of *Cydia ptychora* Meyrick (Tortricidae: Lepidoptera) on *Cajanus cajan* in Manipur. Entomon 29: 277-278.

Suckling, D. M. & C. Ioriatti. 1996. Behavioral responses of leafroller larvae to apple leaves and fruit. Entomologia Experimentalis et Applicata 81(1): 97-103.

Sugiura, S. & N. Osawa. 2001. Parasitoid community associated with the leafroller *Eudemis gyrotis* (Lepidoptera, Tortricidae) on a bayberry, *Myrica rubra* (Myricaceae). Entomological Science 4: 25-34.

Sugiura, S. & K. Yamazaki. 2002. Tortricid moths reared from cecidomyiid bud galls on willows. Transactions of the Lepidopterologica Society of Japan 53: 116-118.

Sun, J., D. L. Kulhavy & S.-C. Yan. 1998. Prediction models of Nantucket pine tip moth, *Rhyacionia frustrana* (Comstock) (Lep., Tortricidae) infestation using soil and tree factors. Journal of Applied Entomology 122: 1-3.

- Suzuki, S. & F. Komai. 1984. Microlepidoptera feeding on conifer trees in Hokkaido. Bull. Hokkaido For. Exp. Sta. 22: 85-129.
- Swain, V. M. & G. L. Prinsloo. 1986. A list of phytophagous insects and mites on forest trees and shrubs in South Africa. Entomology Memoirs of the Department of Agriculture and Water Supply, Republic of South Africa 66.
- Swatschek, B. 1958. Die larval systematik der wickler (Tortricidae and Carposinidae) aus dem zoologischen Institut der Universitat Erlangen. Akademie-Verlag, Berlin. 269 pp.
- Sweeney, J. D. & G. E. Miller. 1989. Distribution of *Barbara colfaxiana* (Kearfott) (Lepidoptera: Tortricidae) eggs within and among Douglas-fir crowns and methods for estimating egg densities. Canadian Entomologist 121: 569-578.
- Swezey, O. H. 1908. Life history notes on two variable tortricids. Proceedings of the Hawaiian Entomological Society 2: 14-15.
- Swezey, O. H. 1919. Cause of scarcity of seeds of the Koa tree. Hawaiian Planters' Record 21: 102-105.
- Swezey, O. H. 1954. Forest Entomology in Hawaii. An annotated checklist of the insect faunas of the various components of the Hawaiian forests. Bernice P. Bishop Museum, Special Publication 44. 266 pp.
- Swetnam, T. W., B. E. Wickman, H. G. Paul & C. H. Baisan. 1995. Historical patterns of western spruce budworm and Douglas-fir tussock moth outbreaks in the northern Blue Mountains, Oregon, since A.D. 1700. U.S. Forest Service Research Paper PNW 484. 27 pp.
- Sylvén, E. 1958. Studies on fruit leaf tortricids (Lepidoptera), with special reference to the periodicity of the adult moths. Statens Vaxtskyddsanstalt, Meddelanden [Swedish State Plant Protection Institute Contributions] 11: 74, pp. 135-296. Stockholm.
- Tan, C. L. & K. Tuck. 1997. *Cryptophlebia averrhoae* new species (Lepidoptera: Tortricidae - a pest of starfruit (*Averrhoa carambola*) in Malaysia. MARDI Research Journal [in press].
- Tanaka, A. & T. Nonaka. 1996. Control of two tea tortricids by granulosis viruses. FFTC Book Series 47: 113-124.

Tandan, P. L. & A. Verghese. 1985. World list of insect, mite and other pests of mango. Technical Document 5, Indian Institute of Horticultural Research, Bangalore. 22 pp.

Targonskij, P. N. 1984. [Leaf rollers on the red whortleberry.] Zaschita Rast. 1984 (11): 32. [In Russian]

Tashiro, H. 1974. Biology and control of the spruce needleminer. Journal of Economic Entomology 67: 89-92.

Taylor, J. S. 1951. Notes - Lepidoptera eastern Cape. Part 2. Journal of the Entomological Society of South Africa 14: 94-126.

Taylor, J. S. 1953. Notes - Lepidoptera eastern Cape. Part 3. Journal of the Entomological Society of South Africa 16: 143-167.

Taylor, J. S. 1957. Notes - Lepidoptera eastern Cape Part 4. Journal Entomological Society of South Africa 20: 315-332.

Taylor, T. A. 1965. Observations on the bionomics of *Laspeyresia ptychora* Meyr. (Lepidoptera, Eucosmidae) infesting cowpea in Nigeria. Bulletin of Entomological Research 55: 761-773.

Teramoto, N. 1993. Catalogue of host plants of lepidopterous insect in Japan. Bulletin of the Shiga Prefectural Agricultural Experiment Station (extra issue): 1-185.

Teramoto, N. 1996. Studies on lepidopterous insect fauna on fagaceous plants, as the food plants of the wild silk moth, *Antheraea yamamai*. Bulletin of the Shiga Prefectural Agricultural Experiment Station 19: 1-216. [plus additional records given to Gaeden Robinson in DB form]

Thier, R W. & M. A. Marsden. 1990. Vertical growth response of ponderosa pine infested by western pine shoot borer, *Eucosma sonomana* Kearfott (Lepidoptera: Olethreutidae). Canadian Entomologist 122: 343-347.

Thomas, A. W. 1987. The effect of age of current-year shoots of *Picea glauca* on survival, development time, and feeding efficiency of 6<sup>th</sup>-instar larvae of *Choristoneura fumiferana*. Entomol. Exp. Appl. 43: 251-260.

Thompson, R. W. 1928. The golden-glow borer (*Epiblema carolinana* Walsingham). Annual Report of the Entomological Society of Ontario, 1927 58: 73-75.

Tiberi, R. & M. Michelassi. 1981. Indagini sulla biologia e sul comportamento di *Notocelia uddmanniana* (L.) In Toscana (Lepidoptera: Tortricidae). Redia 64: 149-156.

Timonin, M. I., W. H. Fogal & S. M. Lopushanski. 1980. Possibility of using white and green muscardine fungi for control of cone and seed pests. Canadian Entomologist 112: 849-854.

Toll, S. 1947. Przyczynek do fauny motyli t. zw. Dronych Polski. Mater. Fizjogr. Kraju 6: 16-37.

Tominaga, S. 1998. The pupating habit of *Dactylioglypha tonica* (Meyrick) (Tortricidae). Japan Heteroc. Journal 199: 409. [In Japanese]

Tominaga, S. 1999. A new foodplant of *Archips insulanus* Kawabe (Tortricidae) in Okinawa. Yugato 157: 80. [In Japanese]

Tomlinson, W. E. 1951. Control of insect larvae infesting immature blueberry fruit. Journal of Economic Entomology 44: 247-250.

Tomlinson, W. E. 1961. Control of *Sparganothis sulfureana* on cranberry. Journal of Economic Entomology 54: 810-811.

Torres-Vila, L. M., J. Stockel, R. Roehrich & M. C. Rodriguez-Molina. 1997. The relation between dispersal and survival of *Lobesia botrana* larvae and their density in vine inflorescences. Entomol. Exp. Appl. 84: 109-114.

Tothill, J. D. (Ed.) 1940. Agruculture in Uganda. Oxford Universit Press, London.

Tranfaglia, A. & M. Malatesta. 1977. Utilizzazione di trappole a feromone sintetico e valutazione del grado di infestazione di *Lobesia botrana* (Schiff.) (Lep. Torticidae) nell' isola di Ischianell' anno 1976. Bollettino Lab. Entomol. Agric. Filippo Silvestri 34: 19-24.

Treherne, R. C. 1921. Some notes on the fruit worms of British Columbia. Sci Agric. 1: 116-119.

Trematerra, P. and G. Baldizzone. 2004. Records of Tortricidae (Lepidoptera) from Krk Island (Croatia). Entomologia Croatica 8: 25-44.

Trematerra, P., J. Baixeras & M. Dominguez. 1994. Remarks on some species

of the genus *Dichrorampa* Guenée, 1845, in the Mediterranean area  
(Lepidoptera Tortricidae Grapholitini). Boll. Zool. Agr. Bachic. (2) 26: 35-47.

Trematerra, P. & M. Ciampolini. 1989. Il genere *Bactra* Stephens (Lepidoptera, Tortricidae) nella biocenosi di *Cyperus rotundus* L. in Italia. Boll. Zool. Agrar. Bachic. 21: 7-26.

Trematerra, P. & L. Mazzon. 2006. *Ancylis tineana* (Hubner) ( Lepidoptera Tortricidae ) damage to *Cotoneaster* sp. in northern Italy. Informatore Fitopatologico 56: 52-56.

Trewhella, K. E., S. R. Leather & K. R. Day. 1997. The effect constitutive resistance in lodgepole pine (*Pinus contorta*) and Scots pine (*P. sylvestris*) on oviposition by three pine feeding herbivores. Bulletin of Entomological Research 87: 81-88.

Trier, T. M. & W. J. Mattson. 1997. Needle mining by the spruce budworm provides sustenance in the midst of privation. Oikos 79: 241-246.

Triggiani, O. 1986. Osservazioni sull'*Hexameritis albicans* (von Siebold) Pol. & Art. (Nematoda: Merminthoidea) parassita di larve di lepidotteri fitofagi sul fragno (*Quercus trojana* Webb.). Frustula Entomol. New Ser. 7-8 (1984-1985): 521-526.

Tripathi, R. L. 1970. A new record of a beneficial insect, *Laspeyresia perfricta* Meyrick on the nutgrass, *Cyperus rotundus* L. (Cyperaceae). Indian Journal of Entomology 31: 296.

Tripp, H. A. 1954. Description and habits of the spruce seed-worm (*Laspeyresia youngana* (Kft.) (Lepidoptera: Olethreutidae)). Canadian Entomologist 86: 385-402.

Tyron, H. 1914. Report of the entomologist and vegetable pathologist. Annual Report of the Department of Agriculture, Stock, Queensland, 1913-14: 114-120.

Tuck, K. 1989. *Cnephiasia asseclana* (Denis & Schiffermüller) (Lepidoptera: Tortricidae) feeding on *Cynoglossum germanicum* Jacq. (green hound's tongue). Enomologist's Gazette 40: 182.

Tuck, K. 1990. A taxonomic revision of the Malaysian and Indonesian species of *Archips* Hübner (Lepidoptera: Tortricidae). Entomologica Scandinavica 21: 179-196.

Turgeon, J. J. 1985. Life cycle and behavior of the spruce budworm *Zeiraphera canadensis* (Lepidoptera: Olethreutidae), in New Brunswick.

Canadian Entomologist 117: 1239-1247.

Turgeon, J. J. 1986. The phenological relationship between the larval development of the spruce budmoth, *Zeiraphera canadensis* (Lepidoptera: Olethreutidae), and the white spruce in New Brunswick. Canadian Entomologist 118: 345-350.

Turgeon, J. J. & J. Regniere. 1987. Development of sampling techniques for the spruce budmoth, *Zeiraphera canadensis* Mut. And Free. (Lepidoptera: Tortricidae). Canadian Entomologist 119: 239-249.

Turner, A. J. 1925. New Australian Lepidoptera. Transactions and Proceedings of the Royal Society of South Australia 49: 37-60.

Turner, A. J. 1945. Contributions to our knowledge of the Australian Tortricidae (Lepidoptera). Transactions of the Royal Society of South Australia 69: 50-72.

Turner, A. J. 1946. Contributions to our knowledge of the Australian Tortricidae (Lepidoptera). Part II. Transactions of the Royal Society of South Australia 70: 189-220.

Turnock, W. J. 1953. Some aspects of the life history and ecology of the pitch nodule maker, *Petrova albicapitana* (Busck) (Lepidoptera: Olethreutidae). Canadian Entomologist 85: 233-243.

USDA/APHIS interceptions. Based on larvae intercepted by USDA-APHIS personnel at U.S. ports-of-entry and identified by Systematic Entomology Laboratory personnel.

USNM collection. Based on identified reared specimens in the collection of the National Museum of Natural History, Washington, D.C.

Vail, P. V.. J. S. Tebbets, C. E. Curtis & K. E. Jenner. 1993. Infestation rates and biological observations after harvest of codling moth (Lepidoptera: Tortricidae) in stored in-shell walnuts. Journal of Economic Entomology 86: 1761-1765.

Valdes Arteaga, E. & B. Rodriguez. 1989. Presencia de nuevos microlepidópteros sobre pinos en preoceso de resinacion. Cent. Agric. 16: 94-96.

Valenti, M. A. & R. S. Zack. 1995. Lepidoptera associated with greenleaf manzanita, *Arctostaphylos patula* E. Greene (Ericaceae), in Shasta County, California. Proceedings of the Entomological Society of Washington 97: 872-878.

Välimäki, P & J. Itämies. 2002. Occurrence and experimental introduction of *Capricornia boisduvaliana* (Duponchel, 1836) (Lepidoptera: Tortricidae) in Finland. Entomologica Fernnica 13: 89-97.

Valletta, A. 1978. *Aphelia peramplana* Hübner (Lepidoptera: Tortricidae) in Malta. Entomologists' Gaz. 29: 289-290.

Van Deurs, W. 1956. Sommerfugle VIII. Viklere. Danmarks Fauna 61: 1-292.

van Deusen, J. L. & M. E. Mix. 1980. A survey of *Petrova metallica* (Busck) in a South Dakota ponderosa pine provenance test plantation (Lepidoptera: Tortricidae: Olethreutinae). Journal of the Kansas Entomological Society 53: 662-668.

van Frankenhuyzen, A. 1981. *Olethreutes siderana* Treitschke, 1835 (Lep.: Tortricidae). Entomologische Ber., Amsterdam 41: 117-119. [In Dutch]

van Frankenhuyzen, A. & D. J. De Jong. 1980. [Observations on *Ditula angustiorana* (Haworth) (Lep., Tortricidae)]. Entomologische Ber., Amsterdam 40: 179-183. [In Dutch]

van Halteren, P. 1971. Insect pests of cowpea, *Vigna unguiculata* (L.) Walp. in the Accra plains. Ghana Journal of Agricultural Science 4(1): 121-123. [Leguminivora ptychora]

van Soelen, J. & M. M. Markusse. 1983. Notes on the distribution of some species living in the stems of *Aster tripolium* L. (Compositae). Entomologische Ber., Amsterdam 43: 124-127.

Vappula, N. A. 1933. Syyskääriäisetä (*Exapate congelatella* Cl.) ja sen tuhoista. Luonnon Ystävä 37: 00-00.

Vargas, H. A. 2006. Description of the last instar larva and pupa of *Cryptophlebia cortesi* Clarke (Lepidoptera : Tortricidae). Neotropical Entomology 35: 338-343.

Vari, L. 1981. South African Lepidoptera, 8. Description and life-history of a new species of *Cryptophlebia* Walsingham, 1899 (Tortricidae: Oethreutinae). Durban Museum Novitates 13: 51-54.

Varma, K. V. 1984. New records of insects damaging *Eucalyptus* in the nursery in Kerala, India. Indian Journal of Forestry 7: 160-161.

Vasilyeva, E. A. 1982. Carnation leafroller - a dangerous pest of pomegranate and ornamental plants. Trudy Gos. Nikit. Bot. Sada 87: 54-62. [In Russian]

Vassilaina-Alexopoulou, P. & P. A. Mourikis. 1976. A new insect pest of hemp in Greece, *Cydia delineana* Walker. Annals of the Institute of Phytopathology, Benaki 1(3): 253-254.

Venables, E. P. 1924. Leaf-rollers attacking orchard trees in the Okanagan Valley. Proceedings of the Entomological Society of British Columbia 21: 22-26.

Vergeer, T. 1954. The cherry fruitworm (*Grapholitha packardi*) as a blueberry pest in Michigan. Michigan Agricultural Experiment Station Quarterly Bulletin 36: 370-373.

Verma, S. K. 1986. *Cydia ptychora* (Meyrick) (Tortricidae: Lepidoptera) as a pod borer of mung bean in Rajasthan. Ann. Arid Zone. 25(1): 89-91.

Verma, T. D. 1988. Studies on tortricids infesting apple with special reference to biology and control of *Archips pomivora* Meyrick. Thesis Abstr. Harayana Agric. Univ. 14(2): 145-146.

Vernon. 1971. Data incorporated from Gaeden Robinson Database (BMNH).

Villemant, C. 1980. Modification du complexe entomophage de la tordeuse des pousses de pin *Rhyacionia buoliana* Schiff. (lépidoptère Tortricidae) en liaison avec la pollution atmosphérique en forêt de Roumare (Seine-Maritime). Acta Oecol. Oecol. Appl. 1: 139-160.

Villemant, C. & A. Fraval. 1993. The insects of the oak *Quercus suber*. Insectes 88: 13-16. [In French]

Vincent, C., L. G. Simard & R. O. Paradis. 1985. *Olethreutes olivaceana* (Fern.) (Lepidoptera: Tortricidae), ravageur des fraisieres dans le sud-ouest du Quebec. Revue Entomol. Quebec 30: 28-34.

- Volney, W. J. A. 1984. Competition and survival among insects colonizing Douglas fir (*Pseudotsuga menziesii* (Mirb) Franco) cones, pp. 77-84. In: Yates, H.O. (ed.), Proceedings of the cone and seed insects working party conference. Southeastern Forest Experiment Station, Asheville.
- von Aderkas, P. & B. V. Peterson. 1987. *Chirosia betuleti* (Ringdahl) (Diptera: Anthomyiidae) a gall-former on the ostrich fern, *Matteuccia struthiopteris*, with notes on other insect-fern associates. Proceedings of the Entomological Society of Washington 89: 532-547.
- Vrabl, S., G. Matis & K. Berber. 1983. The results of research on the spread of grape moths (*Lobesia botrana* Den. et Schiff. and *Eupoecilia ambiguella* Hb.) by means of pheromones in Slovenia. Zastita Bilja 34: 457-464. [In Serbo-Croatian]
- Wagner, D. L., J. W. Peacock, J. L. Carter & S. E. Talley. 1995. Spring caterpillar fauna of oak and blueberry in a Virginia deciduous forest. Annals of the Entomological Society of America 88: 416-426.
- Wagner, M. R., K. M. Clancy & D. M. Kirkbride. 1987. Predicting number of oocytes in adult western spruce budworm, *Choristoneura occidentalis* (Lepidoptera: Tortricidae). Environmental Entomology 16: 551-555.
- Waite, G. K. & R. M. Barrera. 2002. Insect and mite pests. In: Whiley, A. W., B. Schaffer & B. N. Wolstenholm (eds.), The avocado: Botany, production and uses. CAB International, Wallingford, U.K. 432 pp.
- Wakamura, S. 1987. A study on sex pheromone of *Matsumuraeses falcana*. Bulletin of the Shikoku National Agricultural Experimental Station 52: 13-35.
- Walker, F. H. 1936. Observations on sunflower insects in Kansas. Journal of the Kansas Entomological Society 9: 16-25.
- Walsh, B. D. 1867. On the insects, coleopterous, hymenopterous and dipterous, inhabiting the galls of certain species of willow - part 2d and last. Proceedings of the Entomological Society of Philadelphia 6: 223-288.
- Walsingham, Lord T. de G. 1879. Illustrations of Typical Specimens of Lepidoptera Heterocera in the Collection of the British Museum 4: 1-84. British Museum, London.

Walsingham, Lord T. de G. 1914. *Biologia Centrali-Americanana. Insecta, Lepidoptera, Heterocera. Part 4.* British Museum (Natural History), London.

Wan, F.-H. & J.-Q. Ding. 1993. Host specificity of *Epiblema strenuana* [Lepidoptera: Tortricidae]: a potential bio-control agent for *Ambroisa artemisiifolia* and *A. trifida* [Compositae]. *Chinese Journal of Biological Control* 9(2): 69-75. [In Chinese]

Wang, M.-L. 1978. [Some problems in using *Trichogramma* ssp. for controlling insect pests.] *Acta Entomol. Sin.* 21: 457-467.

Wang, Z.-F. et al. 1984. Studies on *Laspeyresia* sp. infesting *Dalbergia* trees. *Kunchong Zhishi* 21(5): 215-217. [In Chinese]

Warren, W. 1887. Description of the larva of *Eupoecilia degreyana*. *Entomologist's Monthly Magazine*. 24: 134.

Wastljung, U. 1988. Seed predation in relation to crop size and stand size in hazel *Corylus avellana* L. and beech *Fagus sylvatica* L. *Acta Univ. Ups. (Compr. Summ. Abstr. Uppsala Diss. Sci.) No. 162*: 1-27.

Watanabe, K. 1990. The larva of *Sclerogenia jessica* (Noctuidae) and *Cerace xanthocosma* (Tortricidae) found on leaves of *Assarum takanoi*. Japan. *Heteroc. J.* 158: 139. [In Japanese]

Webster, R. L. 1909. The lesser apple leaf-folder. *Iowa Agricultural Experiment Station Bulletin* 275: 298-301.

Wehrle, L. P. 1924. The clover-seed caterpillar. New York (Cornell) Agricultural Experiment Station Bulletin 428. 24 pp.

Wehrle, L. P. 1929. The clover-leaf caterpillar (*Olethreutes cespitana* Hübner) and the clover-leaf tyer (*Anchylopera angulifasciana* Zeller). New York Agricultural Experiment Station Bulletin 489. 27 pp.

Wei, H., R. A. Goyer & G. Lenhard. 1998. Abundance of parasitoids of *Archips argyrospila* (Lepidoptera: Tortricidae) in Louisiana. *Environmental Entomology* 27: 726-730.

Wen, H.-C. & H.-S. Lee. 1985. Seasonal occurrence of the shoot insects and their control on guava. *Journal Agric. China* 34: 105-109. [In Chinese]

Westdal, P. H. 1949. A preliminary report on the biology of *Phalonia hospes* Wlshm (Lepidoptera: Phaloniidae), a new pest of sunflower in Manitoba. Report of the Entomological Society of Ontario 80: 1-3.

Wheeler, A. G. & E. R. Hoebeke. 1985. The insect fauna of ninebark, *Physocarpus opulifolius* (Rosaceae). Proceedings of the Entomological Society of Washington 87: 356-370.

White, G. L. 1999. *Sapindus saponaria* L. (Sapindaceae), a new host of *Ecdytolopha aurantianum* (Lima) (Lepidoptera: Tortricidae: Olethreutinae). International Journal of Pest Management 45: 287-291.

White, G. L. & K. R. Tuck. 1994. Outbreak of *Ecdytolopha aurantianum* (Lima) on citrus in Trinidad. Food and Agriculture Organization of the United Nations Plant Protection Bulletin 41: 130-132.

Whitebread, S. E. 1976. Some interesting Lepidoptera records for Kent, 1975. Entomologist's Record and Journal of Variation 8 (11): 281-282.

Whiting, D. C., G. M. O'Connor & J. H. Maindonald. 1997. Density and time effects on distribution and survival of lightbrown apple moth (Lepidoptera: Tortricidae) larvae on Granny Smith apples. Environmental Entomology 26: 277-284.

Whittle, K. 1984. Pests not known to occur in the United States or of limited distribution, no. 48: false codling moth. USDA pest detection guides.

Whittle, C. P., T. E. Bellas, M. Horak & B. Pinse. 1987. The sex pheromone and taxonomic status of *Homona spargotis* Meyrick sp. rev., an Australian pest species of the *coffearia* group (Lepidoptera: Tortricidae: Tortricinae). Journal of the Australian Entomological Society 26: 169-179.

Wilde, G. & M. Semel. 1966. The life history of *Platynota flavedana*, a leaf roller of strawberry. Journal of Economic Entomology 59: 1037-1041.

Williams, D. W. & A. M. Liebold. 1997. Latitudinal shifts in spruce budworm (Lepidoptera: Tortricidae) outbreaks and spruce-fir forest distributions with climate change. Acta Phytopath. Entomol. Hungarica 33: 205-215.

Williams, J. R. 1953. The larvae and pupae of some important Lepidoptera. Bulletin of Entomological Research 43: 691-701.

Wilson, J. S., E. S. Isaac & R. I. Gara. 1998. Impacts of mountain pine beetle (*Dendroctonus ponderosae*) (Col., Scolytidae) infestation on future landscape susceptibility to the western spruce budworm (*Choristoneura occidentalis*) (Lep., Tortricidae) in north central Washington. *Journal of Applied Entomology* 122: 239-245.

Wiltshire, E. P. 1957. The Lepidoptera of Iraq. Adlard & Sons, Ltd., Bartholomew Press, London. 162 pp. + plates.

Windus, J. L. & A. A. Snow. 1993. Fruit set and seed predation in an Ohio population of *Gentiana saponaria*. *American Midland Naturalist* 129: 346-351.

Winiarska, W. 1998. Owady (Insecta: Diptera) uszkadzajace owoce rozy pomarszczone, *Rosa rugosa* (Thunb.). *Wiadomosci Entomologiczne* 17: 105-108.

Winter, T. G. 1979. Observations on the biology and some larval parasites of *Rhyacionia duplana logaea* Durrant (Lepidoptera: Tortricidae) in Scotland. *Entomologist's Gazette* 30: 257-265.

Winter, T. G. 1982. *Cydia pectolana* (Zeller) (Lepidoptera: Tortricidae) breeding in Windsor Forest. *Entomologist's Gazette* 33: 212.

Winter, T. G. 1984. *Rhyacionia buoliana* (Denis & Schiffermüller) (Lepidoptera: Tortricidae) attacking *Picea breweriana* in Surrey. *Entomologist's Gazette* 35: 82.

Winter, T. G. 1985. A new larval food plant for *Epiphyas postvittana* (Walker) (Lepidoptera: Tortricidae) in Cornwall. *Entomologist's Gazette* 36: 1.

Wise, K. A. J. 1956a. Records of three common leaf-rollers. *The New Zealand Entomologist* 2: 15-18.

Wise, K. A. J. 1956b. Records of Lepidoptera. *The New Zealand Entomologist* 2: 19-20.

Witter, J. A. & L. A. Waisanen. 1978. The effect of differential flushing times among trembling aspen clones on tortricid caterpillar populations. *Environmental Entomology* 7: 139-143.

Wnuk, A. & K. Wiech. 1985. The effect of spacing of rows on the occurrence of green pea pests and their intensity of feeding. *Acta Agrar. Silvestr. (Ser. Agrar.)* 24: 228-235. [In Polish]

Woglum, R. S. 1920. A recently discovered citrus pest, *Platynota tinctana* (Walk.) in California. *California Department of Agriculture Monthly Bulletin* 9: 341-343.

Wong, H. R. & A. E. Campbell. 1967. The larval feeding habits of the eastern pine-shoot borer *Eucosma gloriola* Heinrich (Lepidoptera: Tortricidae) in jack pine regeneration in Manitoba. *Manitoba Entomol.* 1: 42-46.

Wong, H. R., J. A. Drouin & C. L. Rentz. 1985. *Petrova albicapitata* (Busck) and *P. metallica* (Busck) (Lepidoptera: Tortricidae) in *Pinus contorta* Dougl. stands of Alberta. *Canadian Entomologist* 117: 1463-1470.

Wong, H. R., J. A. Drouin, D. L. Szlabey & P. T. Dang. 1983. Identification of three species of *Proteoteras* (Lepidoptera: Tortricidae) attacking shoots of Manitoba maple in the Canadian prairies. *Canadian Entomologist* 115: 333-339.

Wong, H. R. & J. C. E. Melvin. 1967. The leaf roller *Pseudexentera oregonana* Wlshm. *Bi-Monthly Research Notes, Canadian Forest Service* 23(1): 3-4.

Woods, W. 1992. Phytophagous insects collected from *Parkinsonia aculeata* [Leguminosae: Caesalpiniaceae] in the Sonoran desert region of the southwestern United States and Mexico. *Entomophaga* 37: 465-474.

Wu, C., C. Cao & Y.-Q. Liu. 1987. A biological study and description of *Blastopetrova keteleericola* Liu et Wu, gen. et. sp. nov. (Lepidoptera: Tortricidae). *Scientia Silvae Sinicae* 23: 151-161.

Wu, C. & X. Chen. 2006. First record of the genus *Lepteucosma* from China, with description of one new species (Lepidoptera: Tortricidae). *Acta Zoologica Cracoviensia* 49(B): 79-81.

Wyniger, R. 1962. Pests of crops in warm climates and their control. Verlag f. Recht u. Gesellschaft A. G., Basel. 555 pp.

Wysoki, M. 1986. New records of lepidopterous pests of macadamia in Israel. *Phytoparasitica* 14: 147.

Wysoki, M., M. A. van den Berg, G. Ish-Am, S. Gazit, J. E. Pena & G. K. Waite. 2002. In: Pena, J. E., J. L. Sharp & M. Wysoki (eds), Tropical pests and pollinators. CAB International, Wallingford, U.K. 448 pp.

Xie, G.-F. et al. 1993. Studies on the bionomics of two species of *Zeiraphera* Treit. that damage larch. Entomological Knowledge 30(5): 280-282. [In Chinese]

Yaoxian, X. & L. Xingchun. 1985. A preliminary study of the tortrix *Choristoneura metasequoaracaci* Liu on a fossil tree. Scientia Silvae Sin. 21: 396-403. [In Chinese]

Yarger, L. C. & J. W. Brewer. 1977. Biology and habits of the white fir needle miner, *Epinotia meritana* (Lepidoptera: Olethreutidae), in Colorado. Canadian Entomologist 109: 849-854.

Yasuda, T. 1965. The Japanese species of the tortricid genus *Acleris* (Lepidoptera). Bulletin of the University of Osaka Prefecture (series B) 17: 11-49.

Yasuda, T. 1969. Tortricidae, pp. 85-105. In: Issiki, S. (Ed.), Early stages of Japanese moths in colour 2. Hoikusha, Osaka.

Yasuda, T. 1972. The Tortricinae and Sparganothinae of Japan (Lepidoptera: Tortricidae) (Part I). Bulletin of the University of Osaka Prefecture (series B) 24: 53-134.

Yasuda, T. 1975 The Tortricinae and Sparganothinae of Japan (Lepidoptera: Tortricidae) (Part II). Bulletin of the University of Osaka Prefecture (series B) 27: 79-251.

Yoshioka, E. R. & G. P. Markin. 1991. Efforts of biological control of Christmas berry (*Schinus terebinthifolius*) in Hawaii, pp. 377-387. In: Center, T. D., R. F. Doren, R. L. Hofstetter, R.L. Myers & L. D. Whitaker (eds.), Proceedings of the Symposium on Exotic Pest Plants. November 2-4, 1988, Miami, Florida, U.S. Department of the Interior, National Park Service, Washington, DC.

Yoshiyasu, Y. 1986. Notes on two lepidopterous species attacking the galls of *Schlechtendahlia chinensis* (Bell) (Aphididae) on *Rhus javanica* L. Tyo to Ga 37(2): 97-100.

- Yoshiyasu, Y. & T. Nakajima. 2004. Host suitability of two leguminous plants for *Matsumuraeses falcana* (Lepidoptera: Tortricidae). ESKIA (44): 211-215.
- Young, M. R. 1983. A British foodplant for *Acleris abietana* (Hubner) (Lepidoptera: Tortricidae). Entomologist's Gazette 34: 87-88.
- Young, M. R. 1989. *Acleris abietana* Hubn. (Lep., Tortricidae) - records and foodplants. Entomologist's Record and Journal of Variation 101: 37-38.
- Youtie, B. A. & R. F. Miller. 1986. Insect predation on *Astragalus filipes* and *A. purchii* seeds. Northwest. Sci. 60: 42-46.
- Yu, X.-D., H.-Z. Zhou, T.-H. Luo, J.-J. He & Z.-B. Zhang. 2001. Insect infestation and acorn fate in *Quercus liaotungensis*. Acta Entomologia Sinica 44: 518-524.
- Yukawa, J. & I. Okochi. 1988. Occurrence of the cypress bark moth, *Epinotia granitalis* (Lepidoptera: Tortricidae) in Kagoshima Prefecture. Proc. Assoc. Plant. Protect. Kyushu 34: 212-214. [In Japanese]
- Yunus A. & T. H. Ho. 1980. List of economic pests, host plants, parasites and predators in West Malaysia (1920-1978). Bulletin of the Malaysian Department of Agriculture no. 153. 538 pp. Ministry of Agriculture, Malaysia.
- Zammit, C. & C. W. Hood. 1986. Impact of flower and seed predators on seed-set in two *Banksia* shrubs. Australian Journal of Ecology 11: 187-193.
- Zandigiacomo, P., Barro, P., Gambon, N., Ippolito, E. & Pavan, F. 2005. La "piccola tortrice dei frutti" in meleti del Friuli Venezia Giulia [The "small fruit tortrix" in apple orchards in Friuli Venezia Giulia]. Gorizia 18: 16-18.
- Zeller, P. 1867. Natural history of *Chrosis euphorbiana*, Treitschke. Entomologist's Monthly Magazine 4: 9-10.
- Zhang, B.-C., 1994. Index of economically important Lepidoptera. CAB International, Oxon, U.K. 599 pp.
- Zhang, G. & Z. Li. 1981. A preliminary study on *Pammene* sp. Journal of the Nanjing Technol. Coll. Forest Prod. 4: 83-89. [In Chinese]
- Zhang, Y. 1998. Preliminary study on *Cerace stipatana*. Wuyi Science Journal 14: 120-123.

Zhao, J., S. Chen & S. Zhou. 1993. Studies on the occurrence and control of *Gravitarmata margantoana* Heinemann. Forest Research 6(6): 666-671. [In Chinese]

Zhao, J., S. Chen & H. Huang. 1991. A study on *Petrova cristata* in masson line seed orchard. Forest Research 4(6): 662-668. [In Chinese]

Zhou, J.-H., H.-G. Qui & W.-J. Fu. 1997. Summer fruit tortrix Adoxophyes orana should be classified as two subspecies (Lepidoptera: Tortricoidea: Tortricidae). Entomotaxonomia 19: 130-135.

Zhou, X., Z. Li & H. Zhu. 1993. Bionomics and control of the tortrix *Homona magnanima* Diakonoff on a fossil tree. J. Nanjing For. Univ. 17(3): 48-53. [In Chinese]

Ziarkiewicz, T. & A. Kozlowska. 1973. Szkodliwe gatunki z rodziny Tortricidae (Lepidoptera) zerujace na rozach - Die auf den Rosen lebenden schladlichen Arten aus der Familie Tortricidae (Lepidoptera). Polskie Pismo Entomologiczne 43: 627-630.

Zimmerman, E. C. 1978. Insects of Hawaii, Volume 9, Microlepidoptera, Part 1. University of Hawaii Press, Honolulu, HI. 881 pp.