

Deutsches Entomologisches Institut
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Eberswalde

ERHARD K. GRÜNKE

Amerikanische entomologische Dissertationen, 1952 – 1961¹

Das nachfolgende Verzeichnis ist eine Zusammenstellung von entomologischen Dissertationen, die in den Jahren 1952 bis 1961 von den Universitäten der Vereinigten Staaten von Amerika angenommen wurden. Diese Arbeiten werden weder vom „Zoological Record, Part Insecta“ noch von der „Review of applied Entomology“ erfaßt. Lediglich das vom Office de la Recherche Scientifique et Technique Outre-Mer herausgegebene „Bulletin signalétique d'Entomologie médicale et vétérinaire“ führt neuerdings diese Dissertationen auf, jedoch eben nur solche, die der Thematik der Zeitschrift entsprechen.

Die Titel dieser Zusammenstellung wurden größtenteils der amerikanischen Zeitschrift „Dissertation Abstracts“ (University Microfilms, Inc., Ann Arbor) entnommen, die diese Dissertationen in sehr ausführlicher Form referiert. Es erfolgt daher am Ende eines jeden Zitates ein Hinweis auf diese Zeitschrift, abgekürzt mit „DA“.

Verständlicherweise wird dieses Verzeichnis noch zahlreiche Lücken enthalten. Ich bin daher für jede Mitteilung fehlender Titel dankbar, die in einem späteren Nachtrag verzeichnet werden sollen.

- ABRAHAMSON, Seymour: Concerning the effects of different oxygen tensions of the rearrangement process with fractionated X-ray treatments of *Drosophila* oocytes.
Indiana University. 82 p. 1956.
DA, 17, 441–442; 1957.
- ACKER, Thomas Stephen: The comparative morphology of the male terminalia of Neuroptera (Insecta).
Stanford University. 61 p. 1961.
DA, 21, 3890; 1961.
- ADKINS JR., Theodore Roosevelt: Systematic action of two insecticides on Arthropod parasites of rabbits and cattle.
Alabama Polytechnic Institute. 139 p. 1958.
DA, 21, 3890–3891; 1961.
- ADKISSON, Perry Lee: The relative susceptibility of the various developmental stages and instars of the rice weevil, *Sitophilus oryza* L., to certain fumigants.
Kansas State College. 97 p. 1956.
DA, 16, 1298–1299; 1956.
- ADLERZ, Warren Clifford: Factors affecting Aphid transmission of bean yellow mosaic virus.
Oregon State College. 50 p. 1958.
DA, 19, 600–601; 1958.
- AGARWAL, Hari Charan: Studies on house fly sterols and cholesterol-C¹⁴ metabolism in house flies and cockroaches.
The University of Wisconsin. 86 p. 1961.
DA, 21, 2872–2873; 1961.
- AL-AZAWI, Abdulla Flayih: Prevention of *Scolytus multistriatus* transmission of *Ceratocystis ulmi*, the Dutch elm disease fungus, by systemic insecticides.
The University of Wisconsin. 113 p. 1960.
DA, 20, 3907; 1960.
- ALEXANDER, Richard Dale: A comparative study of sound production in insects, with special reference to the singing Orthoptera and Cicadidae of the eastern United States.
The Ohio State University. 547 p. 1956.
DA, 17, 1156–1157; 1957.

¹ Die zunächst nur für einen relativ kurzen Zeitabschnitt vorliegende Zusammenstellung wird mit dem Ziel veröffentlicht, sie in regelmäßigen Abständen durch Fortsetzungen zu ergänzen, um auf diese Weise auf manche sonst vielleicht noch unbekannte, aber schon vorliegende Untersuchungen hinzuweisen.

- ALLEN, Archie Cornelious: The effects of recombination on viability in second and third chromosomes of *Drosophila melanogaster*.
University of Pittsburgh. 70 p. 1961.
DA, 22, 712; 1961.
- ALLEN, Richard Knapp: Systematic revision of the genus *Ephemerella* of western North America (Ephemeroptera: Ephemerellidae), including some eastern North American species.
University of Utah. 323 p. 1960.
DA, 21, 2829—2830; 1961.
- ALLEN, William Ross: The oxygen uptake of muscle homogenates from several insects in the presence of added Succinate, Cytochrome c and Phosphate.
University of Minnesota. 76 p. 1952.
DA, 12, 569—570; 1952.
- ALRUTZ, Robert Willard: The significance of bionomics in the rediscovery of the fundamental literature concerning mosquitoes.
University of Illinois. 593 p. 1951.
DA, 12, 117—118; 1952.
- ALTMAN, Robert Morris: The behavior of Murray Valley encephalitis virus in two species of mosquitoes, *Culex tritaeniorhynchus* GILES and *Culex pipiens quinquefasciatus* SAY.
University of Maryland. 104 p. 1961.
DA, 22, 2516; 1962.
- AMMERMAN, Frank Emil: A new approach to the phylogeny of the Rhynchophora.
University of Michigan. 153 p. 1955.
DA, 15, 492—493; 1955.
- ANDERSON, A. D.: Uric acid synthesis in insects.
Cornell University. 1953.
- ANDERSON, Donald Morgan: A revision of the species of *Smicronyx* of North America North of Mexico (Coleoptera, Curculionidae).
Cornell University. 331 p. 1958.
DA, 19, 3417; 1959.
- ANDERSON, John Richard: The biology and taxonomy of Wisconsin black flies (Diptera: Simuliidae).
The University of Wisconsin. 196 p. 1960.
DA, 21, 2050; 1961.
- ANDERSON, Robert Hilton: The laying worker in the cape honey bee (*Apis mellifera capensis* ESCH.) and its development.
Cornell University. 121 p. 1961.
DA, 22, 2533—2534; 1962.
- ANDERSON, Russell Daniel: Taxonomy, distribution, and biology of the Dytiscidae of Utah.
University of Utah. 327 p. 1960.
DA, 21, 2830; 1961.
- ANNAN, Murvel Eugene: The effects of X-rays on the fecundity and fertility of *Drosophila robusta* females.
University of Nebraska. 87 p. 1954.
DA, 14, 1130; 1954.
- APP, Bernard Auman: Studies on the control of the clover root borer *Hylastinus obscurus* (MARSHAM) in Ohio, with notes on coincidental control of the meadow spittlebug.
The Ohio State University. 67 p. 1953.
DA, 20, 2969—2972; 1960.
- ARCHIBALD, Kalman Dale: Forest Aphidae (Aphididae) of Nova Scotia.
The Ohio State University. 388 p. 1954.
DA, 20, 3435—3437; 1960.
- AREBEKUL, Sutharm: Comparative bioassay for qualitative and quantitative analysis of insecticides and acaricides.
Washington State University. 111 p. 1960.
DA, 20, 4462—4463; 1960.
- ARNAUD JR., Paul Henri: The heleid genus *Culicoides* in Japan, Korea and Ryukyu Islands (Insecta: Diptera).
Stanford University. 126 p. 1961.
DA, 23, 358; 1962.
- ARTHUR, Alfred Pibus: The indigenous parasites of the European pine shoot moth, *Rhyacionia buoliana* (SCHIFFER-MÜLLER), (Lepidoptera: Olethreutidae), in Ontario.
The Ohio State University. 103 p. 1956.
DA, 17, 938; 1957.

- ARTHUR, Belton Wayne: Metabolism of certain organophosphorus insecticides including Phosphoramides, Ethyl Phosphonates and Phosphorodithioates.
The University of Wisconsin. 103 p. 1957.
DA, 17, 2090—2091; 1957.
- ASHRAFI, Shahid Husain: The study of phosphomonoesterases in the stable fly, *Stomoxys calcitrans* (L.).
The Ohio State University. 109 p. 1960.
DA, 21, 994—995; 1960.
- AUGENFELD, John Martin: A study of the ecological physiology and the respiratory enzymes of several Diptera.
The University of Wisconsin. 84 p. 1960.
DA, 21, 704—705; 1960.
- BALL, George E.: A taxonomic study of the North American *Licinini* with notes on the old world species of the genus *Diplocheila* BRULLE (Coleoptera: Carabidae).
Cornell University. 750 p. 1954.
DA, 15, 172; 1955.
- BALLARD, Ralph Campbell: Radiant energy, with particular reference to the region 365 m μ to 730 m μ , in relation to the behavior, eye pigments, and cornea of *Stomoxys calcitrans* (LINNE).
Rutgers University. 134 p. 1956.
DA, 17, 1416; 1957.
- BALTAZAR, Clare R.: The Philippine Pimplini, Poemeniini, Rhyssini and Xoridini (Hymenoptera, Ichneumonidae, Pimplinae).
The University of Wisconsin. 207 p. 1957.
DA, 17, 919; 1957.
- BAMRICK, John Francis: Larval resistance and histopathogenesis in two genetically different lines of honey bees (*Apis mellifera* L.) fed spores of *Bacillus larvae* WHITE.
Iowa State University of Science and Technology. 97 p. 1960.
DA, 21, 2050—2051; 1961.
- BARANOWSKI, Richard Matthew: A comparative morphological study of the axillary region of some pterygote insects.
The University of Connecticut. 87 p. 1959.
DA, 20, 1486—1487; 1959.
- BARKER, John Grove: Inheritance of resistance to lindane in the German cockroach, *Blattella germanica* (L.).
Virginia Polytechnic Institute. 81 p. 1957.
DA, 21, 376; 1960.
- BARKER, Roy Jean: Effect of temperature on absorption and detoxification of DDT in *Musca domestica* L.
University of Illinois. 165 p. 1953.
DA, 13, 454—455; 1953.
- BARNES, Douglas: Biology, ecology, and distribution of the leafhoppers *Dalbulus elimatus* (BALL) and *Dalbulus maidis* (DE L. & W.) two known vectors of the virus causing corn stunt in Mexico.
University of Minnesota. 150 p. 1952.
DA, 13, 272—273; 1953.
- BARNHART, Clyde Sterling: The internal anatomy of the silverfish *Ctenolepisma campbelli* BARNHART and *Lepisma saccharina* LINNAEUS (Thysanura: Lepismatidae).
The Ohio State University. 78 p. 1958.
DA, 19, 389; 1958.
- BARNUM, Andrew Hales: The phallic complex in the Oedipodinae (Orthoptera: Acrididae).
Iowa State College. 224 p. 1959.
DA, 20, 1101; 1959.
- BAUMILLER, Robert Cahill: The effects of X-ray induced, euploid and near-euploid mutants in heterozygous condition upon developmental stages of *Drosophila melanogaster*.
St. Louis University. 77 p. 1961.
DA, 22, 2950—2951; 1962.
- BAY, Ernest Clayton: The feasibility and advisability of chironomid control with special reference to Chautauqua Lake, N.Y.
Cornell University. 194 p. 1960.
DA, 21, 1715—1716; 1961.
- BECKEL, William Edwin: The morphology, histology and physiology of the spiracular regulatory apparatus of *Hyalophora cercropia* (L.) (Lepidoptera).
Cornell University. 128 p. 1955.
DA, 15, 2388—2389; 1955.
- BELDEN JR., Don A.: A histochemical localization of acid and alkaline phosphatase in adult males of a DDT-resistant and a DDT-susceptible strain of the house fly, *Musca domestica*.
State College of Washington. 97 p. 1958.
DA, 19, 1477—1478; 1958.

- BELL, Ross Taylor: A new classification for the suborder Adephaga.
University of Illinois. 119 p. 1953.
DA, 13, 1308—1309; 1953.
- BEMILLER, Paraskovi Mavridis: Effect of temperature on spontaneous and induced activity of Arthropod nervous tissues.
Purdue University. 98 p. 1961.
DA, 22, 33; 1961.
- BENDER, Harvey Alan: Studies on the expression of various singed alleles in *Drosophila melanogaster*.
Northwestern University. 88 p. 1959.
DA, 20, 3476; 1960.
- BENNETT, Cecil Jackson: A comparison of direct versus indirect selection for DDT resistance in *Drosophila melanogaster* MEIGEN.
The University of Wisconsin. 88 p. 1959.
DA, 19, 1900; 1959.
- BENNETT, Stelmon Emerson: The strawberry leaf roller complex in Tennessee.
The University of Tennessee. 166 p. 1961.
DA, 22, 945; 1961.
- BERGER, Robert Stephen: The enzymatic dehydrohalogenation of DDT and several other diarylhaloethanes by houseflies.
Cornell University. 77 p. 1961.
DA, 22, 2169—2170; 1962.
- BERRY, Donald Wilson: Bionomics of the mealybug attacking pear trees in northern California.
University of California. 1961.
- BIJJANI, George Yousuf: Studies in the embryological development of the mealworm, *Tenebrio molitor* LINNÉ (Tenebrionidae, Coleoptera).
University of Illinois. 114 p. 1954.
DA, 14, 1852—1853; 1954.
- BISHOP, Guy William: The taxonomy and bionomics of western Laemophloeus with special reference to the stored products species (Coleoptera-Cucujidae).
State College of Washington. 105 p. 1958.
DA, 19, 601—602; 1958.
- BISHOP, Jack Lynn: Four systemic insecticides as alfalfa seed treatments; a study of their effectiveness against the spotted alfalfa aphid and of their phytotoxicity.
Kansas State University. 50 p. 1959.
DA, 20, 868; 1959.
- BLAKE JR., George Henry: The influence of honey bees on the production of crimson clover seed.
University of Illinois. 32 p. 1958.
DA, 18, 1904; 1958.
- BRIGHT, William Cambriel: A cytological study of linear populations of *Drosophila americana* near St. Louis, Missouri.
Washington University. 59 p. 1955.
DA, 15, 1483; 1955.
- BODDY, Dennis Warren: The Tenebrionidae of the Pacific Northwest (Coleoptera).
University of Washington. 277 p. 1955.
DA, 15, 1679; 1955.
- BOHNSACK, Kurt Karl: A study of the forest floor arthropods of an oak-hickory woods in southern Michigan.
University of Michigan. 353 p. 1954.
DA, 14, 1114; 1954.
- BOREN, Roger Boatner: Some factors which influence honey bee, *Apis mellifera* L., activity on alfalfa flowers.
Kansas State University. 91 p. 1961.
DA, 22, 2923; 1962.
- BORGATTI, Alfred Lawrence: The toxicology of commercial formulation of *Bacillus thuringiensis* BERLINER to Japanese quail and house fly larvae.
Michigan State University. 78 p. 1961.
DA, 22, 2110—2111; 1961.
- BORSTEL, Robert Carsten von: Some aspects of chemical mutagenesis in *Habrobracon juglandis* ASHMEAD and *Sciara coprophila* LINTNER.
University of Pennsylvania. 93 p. 1953.
DA, 13, 158; 1953.
- BOUSH, George Mallory: Studies on the biology, ecology, distribution, and control of *Epicaerus aurifer* BOH. (Curculionidae), a new pest of alfalfa in Mexico.
The Ohio State University. 106 p. 1955.
DA, 15, 1155—1156; 1955.

- BOWMAN, James Sheppard: Metabolism of certain thiophosphate systemic insecticides by plants, insects, and mammals.
The University of Wisconsin. 69 p. 1958.
DA, 19, 1192; 1958.
- BOYD, John Edward: The use of *Daphnia magna* in the microbioassay of insecticides.
The Pennsylvania State University. 205 p. 1957.
DA, 18, 51; 1958.
- BOYER, Donald Day: On the behavior toward humidity of *Drosophila pseudoobscura* and *Drosophila persimilis*.
Princeton University. 120 p. 1953.
DA, 14, 225; 1954.
- BOYLE, Wilford Wayne: A taxonomic revision of the Erotylidae of America North of Mexico (Coleoptera).
Cornell University. 289 p. 1955.
DA, 15, 302; 1955.
- BRAVER, Gerald: The effects of heterochromatin on crossing over in *Drosophila melanogaster*.
University of Missouri. 241 p. 1955.
DA, 15, 1983—1984; 1955.
- BREBBIA, Dante Robert: The effects of Sodium, Potassium and Calcium ions on the heartbeat and the electrocardiogram of the housefly, *Musca domestica* (LINNAEUS).
Fordham University. 136 p. 1961.
- BREELAND, Samuel Glover: The armyworm, *Pseudaletia unipuncta* (HAWORTH) and its natural enemies.
University of Tennessee. 232 p. 1957.
DA, 18, 1537; 1958.
- BRETT, William John: Persistent diurnal rhythmicity in *Drosophila* emergence.
Northwestern University. 54 p. 1953.
DA, 13, 1309; 1953.
- BREZNER, Jerome: I: Biology, ecology, and taxonomy of insects infesting acorns. II: The use of serum proteins as an indication of species specificity in larval *Curculio* (Coleoptera. Curculionidae).
University of Missouri. 168 p. 1959.
DA, 20, 3896; 1960.
- BRONSKILL, Joan Frances: The embryology of the pupal parasite *Pimpla turionellae* (L.) with special reference to the migration of the germ cells (Hymenoptera: Ichneumonidae).
Cornell University. 95 p. 1955.
DA, 16, 599—600; 1956.
- BROOKES, Victor Jack: The nutrition of the larva of the house fly, *Musca domestica* L. (Muscidae, Diptera).
University of Illinois. 115 p. 1956.
DA, 16, 1740—1741; 1956.
- BROOKS Marion Alice: Certain aspects of the histochemistry and metabolic significance of the intracellular bodies (Bacteroids) of cockroaches (Blattariae).
University of Minnesota. 131 p. 1954.
DA, 15, 475; 1955.
- BROSEGHINI, Albert Le Roy: Histochemistry of selected tissues from vitamin-deficient *Tribolium confusum*.
Iowa State University of Science and Technology. 59 p. 1959.
DA, 20, 2445—2446; 1959.
- BROWN, Brian Ellman: Electrical and chemical events associated with the action of insecticides on the central nervous system of the American cockroach (*Periplaneta americana* L.).
University of Illinois. 109 p. 1961.
DA, 21, 3831—3832; 1961.
- BROWN, William Paul: Alternative methods of selection applied to plateaued populations of *Drosophila melanogaster*.
Purdue University. 128 p. 1961.
DA, 33—34; 1961.
- BRUCE, Willis Nels: Laboratory and field evaluation of factors affecting the performance of fly repellents.
University of Illinois. 60 p. 1953.
DA, 13, 1309—1310; 1953.
- BRUST, Manfred: Growth and some metabolic aspects of larvae of the blow-fly *Phormia regina* (MEIG.) on sterile media.
University of Illinois. 63 p. 1954.
DA, 14, 912; 1954.
- BURCHAM, Elden Glenn: Some characteristics and relations of mating and oviposition of *Aedes aegypti* (LINNAEUS) (Diptera: Culicidae).
The Ohio State University. 137 p. 1957.
DA, 18, 1155; 1958.

- BURGER JR., Charles Loring: Biological effects of X-rays on partially irradiated larvae of a bar-eyed race of *Drosophila melanogaster* MEIGEN.
University of Illinois. 80 p. 1958.
DA, 19, 3418; 1959.
- BURTON, Lawrence: Carcinogenic activity of larval donor extracts in *Drosophila*.
New York University. 134 p. 1955.
DA, 20, 3029; 1960.
- BUTLER, James Keith: A cytochemical study of the insect apical cell.
The University of Texas. 82 p. 1961.
DA, 21, 3892; 1961.
- BUXTON, Jay A.: Differentiation of nymphs of the genus *Melanoplus* (Acrididae) in Franklin County, Ohio, and the vicinity.
The Ohio State University. 105 p. 1957.
DA, 18, 1538; 1958.
- BYERS, George William: The crane-fly genus *Dolichopeza* in North America.
University of Michigan. 366 p. 1952.
DA, 12, 399; 1952.
- CAMPBELL, Robert William: Population dynamics of the gypsy moth.
University of Michigan. 183 p. 1961.
DA, 22, 2136–2137; 1962.
- CAPENOS, Mary Rowan: The origin of lethality in certain second chromosome recombinants of *Drosophila persimilis*.
University of Pittsburgh. 44 p. 1959.
DA, 20, 1543–1544; 1959.
- CARLSON, Elof Axel: Allelism, complementarity, and pseudoallelism at the dumpy locus in *D. melanogaster*.
Indiana University. 77 p. 1958.
DA, 19, 2216–2217; 1959.
- CARLSON JR., Albert DeWayne: A comparative study of the pseudoflash mechanism in adult and larval fireflies, *Photinus pyralis* LINN. and *Photuris pennsylvanica* DEGEER.
State University of Iowa. 105 p. 1960.
DA, 21, 1669; 1960.
- CARTER JR., William Gueston: The distribution of ants in the North Carolina Piedmont.
Duke University. 281 p. 1960.
DA, 21, 3199–3200; 1961.
- CARTIER, Jean Jacques: The biology of the corn leaf aphid, *Rhopalosiphum maidis* (FITCH), as affected by resistant and susceptible varieties, hybrids and selections of sorghums, *Sorghum vulgare* PERS.
Kansas State College. 84 p. 1956.
DA, 16, 432; 1956.
- CHALFANT, Richard Bruce: Transmission of cabbage viruses A and B by the cabbage and green peach aphids.
The University of Wisconsin. 195 p. 1959.
DA, 20, 432–433; 1959.
- CHAMPLAIN, Robert Allison: The digestive enzymes of the stable fly, *Stomoxys calcitrans* (L.).
The Ohio State University. 90 p. 1955.
DA, 15, 2348; 1955.
- CHANDLER, Leland: The ecological life history of *Halictus* (H.) *ligatus* SAY with notes on related species.
Purdue University. 398 p. 1955.
DA, 15, 1692–1693; 1955.
- CHANG, Tsueng-Hsing: Reduction of the sex-linked recessive lethal frequencies in *Drosophila melanogaster* by argon, nitrogen, and methane under pressure.
The University of Texas. 83 p. 1960.
DA, 21, 1339; 1960.
- CHANIOTIS, B. N.: Autogeny in a colony of *Culex tarsalis* as affected by the level of protein in the larval diet.
University of California. 1960.
- CHAO, Yung Chang: Comparative effectiveness against the granary weevil of contact, fumigation and repellency of pyrenone, pyrethrins, piperonyl butoxide, lindane and DDT.
The Ohio State University. 91 p. 1952.
DA, 18, 2264–2265; 1958.
- CHAPMAN, Harold Clyde: Studies of mosquito breeding in natural and impounded salt-marsh areas in New Jersey.
Rutgers University. 156 p. 1959.
DA, 20, 1488–1489; 1959.
- CHAUDHRY, Ghulam-Ullah: The development and fecundity of the oriental fruit moth, *Grapholitha* (*Cydia*) *molesta* (BUSCK) under controlled temperatures and humidities.

- Michigan State College. 150 p. 1951.
DA, 12, 118; 1952.
- CHIRIGOS, Michael Anthony: Nutritional studies with the insect, *Tribolium confusum* (DUVAL).
Rutgers University. 171 p. 1958.
DA, 19, 216—217; 1958.
- CHYKOWSKI, Lloyd Nicholas: Studies on migration and control of the six-spotted leafhopper, *Macrosteles fascifrons* (STÅL) in relation to transmission of aster-yellow virus.
The University of Wisconsin. 134 p. 1958.
DA, 19, 1489; 1959.
- CHOVNICK, Arthur: A physiological study of the lozenge pseudoalleles in *Drosophila melanogaster*.
The Ohio State University. 135 p. 1953.
DA, 19, 2192—2193; 1959.
- COFFEY, Marvin Dale: Some studies of the excrement-frequenting flies of southeastern Washington.
State College of Washington. 184 p. 1957.
DA, 18, 335—336; 1958.
- COMEGYS, George Ralph: The Thysanoptera of New Jersey.
Rutgers University. 173 p. 1957.
DA, 17, 2710; 1957.
- CONNELL, Clyde Eugene: Seasonal lipid levels in three population groups of an old field ecosystem.
University of Georgia. 125 p. 1959.
DA, 20, 3896—3897; 1960.
- CONNELL, Walter Anthony: The genus *Carpophilus* in Delaware (Coleoptera: Nitidulidae).
University of Maryland. 113 p. 1957.
DA, 17, 1627; 1957.
- COOK, David Russell: Genera of the Hydracarina in Michigan, with a revision of the Michigan Arrenuridae.
University of Michigan. 217 p. 1952.
DA, 12, 400; 1952.
- COOPER, Donald M.: Food preferences of larval and adult *Drosophila*.
Columbia University. 41 p. 1959.
DA, 22, 4443; 1962.
- CORONA, Alejandro Ortega: Survival of the european corn borer larvae, *Pyrausta nubilalis* (HUBN.), on susceptible and resistant corn hybrids grown at five different nitrogen levels.
The Ohio State University. 132 p. 1960.
DA, 21, 277; 1960.
- CORRIGAN, John Joseph: The metabolism of some free amino acids in DDT-poisoned *Periplaneta americana* L.
University of Illinois. 88 p. 1959.
DA, 20, 1561; 1959.
- CRAIG JR., George Brownlee: Classification of eggs of nearctic Aedine mosquitoes (Diptera: Culicidae).
University of Illinois. 135 p. 1956.
DA, 16, 1020; 1956.
- CRAWFORD, Clifford Smeed: The bionomics of destructive Microlepidoptera of grass fields.
Washington State University. 148 p. 1961.
DA, 22, 4120; 1962.
- CROSS, William H.: The arthropod component of old field ecosystems: herb stratum population with special emphasis on the Orthoptera.
University of Georgia. 136 p. 1956.
DA, 17, 442—443; 1957.
- CROWE, Robert Stephen: Effect of mustard gas on some genes in *Drosophila melanogaster*.
Iowa State University of Science and Technology. 281 p. 1961.
DA, 22, 2549—2550; 1962.
- CROWELL, Robert Merrill: The taxonomy, distribution, and developmental stages of water mites collected in central and north central Ohio.
The Ohio State University. 193 p. 1957.
DA, 18, 1157; 1958.
- CUMMINS, Kenneth William: The micro-distribution of the caddisfly larvae *Pycnopsyche lepida* (HAGEN) and *Pycnopsyche guttifer* (WALKER) in a restricted portion of a small Michigan stream.
University of Michigan. 167 p. 1961.
DA, 22, 680; 1961.
- CURRIE, Neva Louise: Studies of the biology of *Erythemis simplicicollis* (SAY) (Odonata: Libellulidae).
The Ohio State University. 106 p. 1961.
DA, 22, 2518; 1962.

- CURTIN, Thomas James: Contractions of the ovaries of *Aedes (Stegomyia) aegypti* LINNAEUS with reference to age, sexual status and egg deposition.
University of Maryland. 71 p. 1959.
DA, 21, 273–274; 1960.
- DALY JR., Howell Vann: Postembryonic development of the mesosoma and wings of the honeybee, *Apis mellifera* L. (Hymenoptera: Apidae).
University of Kansas. 145 p. 1960.
DA, 21, 2832; 1961.
- DAVIDSON SR., John Angus: The genera *Hemiberlesia* and *Abgrallaspis* in North America with emphasis on host relationships in the *H. howardi* (COCKERELL) complex (Homoptera: Coccoidea: Diaspididae).
University of Maryland. 105 p. 1960.
DA, 21, 2441; 1961.
- DAVIS, Harry Glenwood: An ecological study of the medically important Diptera in the O'Sullivan Tam arca.
Washington State University. 123 p. 1961.
DA, 21, 3503; 1961.
- DE, Rajendra Kumar: A study of factors influencing resistance in corn hybrids to the rice weevil, *Sitophilus oryza* (L.).
North Carolina State College. 122 p. 1960.
DA, 20, 4464–4465; 1960.
- DEFRIES, John Clarence: Inter-line and intra-line variability in a population of *Drosophila* subjected to two intensities of selection in each of two directions.
University of Illinois. 101 p. 1961.
DA, 21, 3600; 1961.
- DELAPLANE JR., William Kerlin: The effects of sublethal dosages of DDT upon the insecticidal tolerance and biotic potential of a laboratory susceptible strain of the housefly, *Musca domestica* L. (Diptera, Muscidae).
University of Illinois. 52 p. 1958.
DA, 19, 2637–2638; 1959.
- DELFIN, Eliseo Dais: The biology of *Draeculacephala mollipes* (SAY) (Homoptera: Cicadellidae).
The Ohio State University. 64 p. 1960.
DA, 21, 274; 1960.
- DEVER, D. A.: An analysis and study of the cherry insect pest complex in Wisconsin.
The University of Wisconsin. 155 p. 1953.
- DILLERY, Dean George: Food habits of savannah and grasshopper sparrows in relation to foods available.
The Ohio State University. 62 p. 1961.
DA, 22, 4121; 1962.
- DIMOND, John Barnet: The amino acids required for egg production in the yellow fever mosquito, *Aedes aegypti* (L.), (Diptera: Culicidae).
The Ohio State University. 108 p. 1957.
DA, 17, 1628–1629; 1957.
- DIVELBISS, James Edward: Structural complexity of the brown locus in *Drosophila melanogaster* MEIGEN.
State University of Iowa. 73 p. 1961.
DA, 22, 2550; 1962.
- DIXON, John Charles: The biology and ecology of the jack-pine budworm in Wisconsin with special reference to insect parasites.
The University of Wisconsin. 183 p. 1961.
DA, 22, 401; 1961.
- DIXON, Stuart Edward: Studies on the metabolism of Ethylene Glycol in the fat body and malpighian tubules of insects.
Cornell University. 47 p. 1955.
DA, 16, 558; 1956.
- DOANE, John Frederick: A study of the cabbage maggot in Wisconsin and its relation to soft rot in some cruciferous crops.
The University of Wisconsin. 130 p. 1958.
DA, 19, 1500; 1959.
- DONLEY, David Edward: Studies of wood boring insects as vectors of the oak wilt fungus.
The Ohio State University. 90 p. 1959.
DA, 20, 4220; 1960.
- DORN, Gordon Lee: Structural and functional properties of the miniature-dusky complex in *Drosophila melanogaster*.
Purdue University. 67 p. 1961.
DA, 22, 2155; 1962.
- DOWDY, Alfred Clinton: Studies in the biology, ecology and control of the peach leaf-miner *Phytomyza persicae* FRICK (Order Diptera, family Agromyzidae).

- The Ohio State University. 134 p. 1954.
DA, 15, 1145—1146; 1955.
- DOWNES JR., William Lawrence: The nearctic Miltogramminae (Diptera, Sarcophagidae) and certain allies.
Iowa State College. 313 p. 1958.
DA, 19, 193; 1958.
- DREW, William Arthur: The nearctic genera of the tribe Anthomyiini (Muscidae, Diptera) with a list of the nearctic species.
Michigan State University. 162 p. 1958.
DA, 22, 366; 1961.
- DRUGER, MARVIN: Selection and body size in *Drosophila pseudoobscura* at different temperatures.
Columbia University. 75 p. 1961.
DA, 22, 1304—1305; 1961.
- DUFFY, John Paul: Paper chromatographic and paper electrophoretic studies of the free amino acids and proteins of several mosquito species.
Rutgers University. 159 p. 1958.
DA, 19, 1480; 1958.
- DUGDALE, Richard Cooper: Studies in the ecology of the benthic Diptera of Lake Mendota.
The University of Wisconsin. 111 p. 1955.
DA, 16, 817—818; 1956.
- DUNHAM, Jewett: Infrared transmission of presumptive heat sensitive fenestrae and ordinary cuticle of the grass-hopper.
State University of Iowa. 35 p. 1957.
DA, 17, 3131—3132; 1957.
- DYSART, Richard James: Biology of the banded-wing whitefly, *Trialeurodes abutilonea* (HALDEMAN).
University of Illinois. 140 p. 1961.
DA, 22, 1362; 1961.
- EARLY, Jack Dent: The control of boll weevils and mites in relation to the absorption and distribution of a systemic insecticide (Thimet) in the cotton plant.
North Carolina State College. 72 p. 1958.
DA, 19, 193—194; 1958.
- EDMUNDS, Lafe Rees: A study of the biology and life history of *Prosevania punctata* (BRULLÉ) with notes on additional species (Hymenoptera: Evanidae).
The Ohio State University. 87 p. 1952.
DA, 18, 1539; 1958.
- EDWARDS, Clive Arthur: Bionomics of Symphyla.
The University of Wisconsin. 176 p. 1957.
DA, 17, 2093; 1957.
- EDWARDS, Sidney William: The taxonomy of the Trichoptera of Middle and West Tennessee.
Vanderbilt University. 248 p. 1956.
DA, 17, 920; 1957.
- EHRLMAN, Lee: The genetics of hybrid sterility in *Drosophila paulistorum*.
Columbia University. 31 p. 1959.
DA, 20, 3928; 1960.
- EL-HAIDARI, Haidar: The biology of the filbert aphid, *Myzocallis coryli* (GOETZE), in the central Willamette Valley.
Oregon State College. 79 p. 1959.
DA, 20, 1103; 1959.
- ELLERTSON, Floyd Elroy: Biology of some Oregon rain beetles, *Pleocomma* spp., associated with fruit trees in Wasco and Hood River Counties.
Oregon State College. 136 p. 1958.
DA, 19, 644; 1958.
- ELMOSA, Husein M.: Toxicological investigations on the onion maggot, *Hylemya antiqua* (MEIG.).
Michigan State University. 102 p. 1960.
DA, 21, 3563; 1961.
- EMBREE, Douglas Gordon: Studies on the population dynamics of the winter moth *Operophtera brumata* (L.) (Lepidoptera: Geometridae) in Nova Scotia.
The Ohio State University. 138 p. 1961.
DA, 22, 3783; 1962.
- ENSGEN JR., Stewart Ellery: Reproductive isolation between *Drosophila tolteca* and related species.
The University of Nebraska. 74 p. 1959.
DA, 20, 3438; 1960.

- ERDMAN, Howard Ernest: Radiobiological analysis of sterility and lethality induced when electromagnetic irradiations are an environmental factor during significant life cycle stages of *Habrobracon juglandis* (ASHMEAD). North Carolina State College. 109 p. 1959.
DA, 20, 1546; 1959.
- ESENTHERR, Glenn Rudolph: The biology of the eastern subterranean termite, *Reticulitermes flavipes* (KOLLAR), in Wisconsin, and related experiments with other species. The University of Wisconsin. 90 p. 1961.
DA, 22, 945–946; 1961.
- EVANS, BURTON ROBERT: Studies on seven species of mosquitoes as potential vectors of filariae affecting skunks and squirrels. University of Maryland. 118 p. 1958.
DA, 20, 3899; 1960.
- EVANS, William George: A study of the flight habits of the european chafer, *Amphimallon majalis* RAZOUMOWSKY (Scarabaeidae). Cornell University. 64 p. 1956.
DA, 16, 1564; 1956.
- EVERETT, Travis Rex: Effect of date of planting and hybrid resistance of field corn on european corn borer populations. Iowa State College. 138 p. 1959.
DA, 20, 1103–1104; 1959.
- EWAN, Herbert George: Population measurements and host damage potential of the Saratoga spittlebug. University of Minnesota. 139 p. 1958.
DA, 19, 913; 1958.
- FAIRCHILD, Mahlon Lowell: European corn borer control with granular formulations of endrin, heptachlor and toxaphene. Iowa State College. 107 p. 1959.
DA, 20, 1104; 1959.
- FISHER JR., Frank Martin: Interactions between a sporozoan and its insect hosts. Purdue University. 84 p. 1961.
DA, 22, 2520; 1962.
- FLEMING, Attie Anderson: Inheritance of characters in corn with special reference to the european corn borer. University of Minnesota. 95 p. 1951.
DA, 12, 121; 1952.
- FLETCHER, Lowell Warren: A study of the behavior of four species of cockroaches in the presence of chemicals. Rutgers University. 188 p. 1961.
DA, 22, 1752; 1961.
- FLINT JR., Oliver Simeon: Taxonomy and biology of some nearctic limnephilid larvae (Trichoptera), with special reference to species in eastern United States. Cornell University. 264 p. 1960.
DA, 21, 1671; 1960.
- FLYNN, Arthur Davis: Relationship of the molecular structure of certain organophosphorus compounds to systemic and other insecticidal activity. Alabama Polytechnic Institute. 181 p. 1959.
DA, 20, 3899–3900; 1960.
- FOOTE, Benjamin Archer: Biology and immature stages of the snail-killing flies belonging to the genus *Tetanocera* (Diptera: Sciomyzidae). Cornell University. 196 p. 1961.
DA, 22, 3302–3303; 1962.
- FORBES, Robert Shirley: Biology of the mountain ash sawfly, *Pristiphora geniculata* (Htg.). The Ohio State University. 189 p. 1960.
DA, 21, 1296–1297; 1960.
- FOSTER, James Russell: A study of the effect of ingredients in insecticides on the behavior of the Japanese beetle. The Ohio State University. 75 p. 1954.
DA, 20, 2447–2450; 1959.
- FREMLING, Calvin Rollins: Biology and possible control of economically important Trichoptera and Ephemeroptera of the upper Mississippi river. Iowa State University of Science and Technology. 205 p. 1959.
DA, 20, 2450; 1959.
- FRENCH, Ellery Walter: Vitamin requirements and some aspects of unknown factors in the development of the confused flour beetle, *Tribolium confusum* DUVAL. University of Illinois. 130 p. 1954.
DA, 15, 172–173; 1955.

- FRIEDMAN, Lawrence David: X-ray induced sex-linked lethal and detrimental mutations and their effect on the variability of *Drosophila melanogaster*.
The University of Wisconsin. 79 p. 1961.
DA, 21, 2861; 1961.
- FRIEND, William George: Studies upon the vitamin requirements of larvae of the onion maggot *Hylemya antiqua* (MEIG.) under aseptic conditions.
Cornell University. 36 p. 1954.
DA, 14, 1893—1894; 1954.
- FU, Yu-Ying: Changes in the distribution of sulfur containing amino acids in the developing grasshopper egg (*Melanoplus differentialis differentialis* (THOMAS)).
State University of Iowa. 53 p. 1955.
DA, 15, 2263; 1955.
- FURGALA, Basil: A study of the preferential response of honey bees foraging various legumes in Northern Minnesota, and certain factors affecting these responses.
University of Minnesota. 118 p. 1959.
DA, 20, 1113—1114; 1959.
- FUSCALDO, Kathryn Elizabeth: An immunogenetic analysis of white variegated position effects in *Drosophila melanogaster*.
Michigan State University. 51 p. 1961.
DA, 22, 402; 1961.
- GALLUN, Robert Louis: A study of four races of the hessian fly selected and developed from an Indiana population.
Purdue University. 123 p. 1960.
DA, 21, 275; 1960.
- GALT, Rachel: Physiological responses of three nutritionally diverse dipterous insects to selected carbohydrates.
University of Illinois. 92 p. 1955.
DA, 16, 364—365; 1956.
- GANGWERE, Stanley Kenneth: Feeding mechanisms, feeding habits, and food selection in Orthoptera.
University of Michigan. 520 p. 1957.
DA, 18, 1540—1541; 1958.
- GANNON, Norman: The relation of physical and chemical properties of petroleum oils to insecticidal efficiency in the control of the european corn borer and the corn earworm.
University of Illinois. 82 p. 1953.
DA, 13, 1311; 1953.
- GARY, Norman Erwin: A study of natural and induced supersedure of the queen honey bee (*Apis mellifera* L.).
Cornell University. 156 p. 1959.
DA, 20, 1907; 1959.
- GATTERDAM, Paul Esch: Toxicological studies on substituted-vinyl phosphate insecticides.
The University of Wisconsin. 67 p. 1958.
DA, 19, 943; 1958.
- GAY, Helen: Electron microscope studies of the nucleus and chromosomes of salivary-gland cells of Diptera.
University of Pennsylvania. 201 p. 1955.
DA, 15, 899—900; 1955.
- GEARY, John Maurice: The Siphonaptera of New York.
Cornell University. 192 p. 1954.
DA, 14, 2161; 1954.
- GENEL, Marcos Ramirez: Studies on resistance of wheat varieties to weevil attack.
Cornell University. 52 p. 1957.
DA, 17, 2357—2358; 1957.
- GEORGE, Boyd Winston: Laboratory evaluation of resistance in corn to the european corn borer.
Iowa State College. 108 p. 1957.
DA, 18, 1157—1158; 1958.
- GERBERG, Eugene Jordan: A revision of the new world species of powder post beetles belonging to the family Lyctidae.
University of Maryland. 141 p. 1954.
DA, 15, 1146; 1955.
- GHEENT, Ralph Leslie: Adaptive refinements in the chemical defense mechanisms of certain Formicinae.
Cornell University. 116 p. 1961.
DA, 22, 2918—2919; 1962.
- GIESE, Ronald Lawrence: An insect complex and defoliation associated with sugar maple *Acer saccharum* (MARSHALL) and the genesis of maple blight.
The University of Wisconsin. 226 p. 1960.
DA, 21, 403; 1960.

- GILBERT, Lawrence Irwin: The chemistry and physiology of the juvenile hormone of insects.
Cornell University. 387 p. 1958.
DA, 19, 3419; 1959.
- GINGRICH, Richard Earl: Acquired humoral immune response of the large milkweed bug, *Oncopeltus fasciatus* (DALLAS), to the bacterium *Pseudomonas aeruginosa* (SCHROETER) migula.
The Ohio State University. 71 p. 1961.
DA, 22, 2520; 1962.
- GLASS, Arthur Warren: An analysis of the heterosis encountered in laboratory crosses.
University of Minnesota. 119 p. 1954.
DA, 14, 913; 1954.
- GLEASON JR., Gale Robert: Factors influencing the ecological distribution of *Tendipes decorus* (JOH.) in Coldwater Lake, Isabella County, Michigan.
Michigan State University. 113 p. 1961.
DA, 22, 2112; 1961.
- GOMES, Fabio Ribeiro: Inheritance of viability in *Drosophila melanogaster*.
Purdue University. 189 p. 1958.
DA, 18, 1947–1948; 1958.
- GOONEWARDENE, Hilary Felix: Granular formulations of Malathion, Dieldrin, Heptachlor, as fall applications in the control of the alfalfa weevil *Hypera postica* (GYLL.) (*variabilis*) (HBST.) on alfalfa grown in sassafras sandy loam.
Rutgers University. 204 p. 1961.
DA, 22, 1753; 1961.
- GORE, Krishnaji Shanker: Laboratory experiments with some organic phosphorus insecticides as wheat protectants.
Cornell University. 86 p. 1958.
DA, 19, 2417–2418; 1959.
- GORHAM, John Richard: Fluctuations in aquatic insect populations associated with aerial applications of DDT to northern Maine forests.
The Ohio State University. 98 p. 1960.
DA, 21, 716–717; 1960.
- GOULDING JR., Robert Lee: The biology and control of the salt-marsh sand fly, *Culicoides furens* (POEY) (Diptera: Heleidae).
The Ohio State University. 197 p. 1955.
DA, 16, 600; 1956.
- GOVINDAN, Muthuswamy: The influence of temperature and exposure time on the effectiveness of carbon disulphide against the confused flour beetle.
University of Minnesota. 101 p. 1958.
DA, 19, 195; 1958.
- GRAY, Henry Emil: Physiological studies on the nutrition of the mealy-bug *Pseudococcus citri* (RISSO) (Homoptera: Coccidae).
University of Illinois. 74 p. 1953.
DA, 13, 1311–1312; 1953.
- GREGG, Charles Thornton: Oxidative phosphorylation and respiratory control in insect mitochondria.
Oregon State College. 85 p. 1959.
DA, 20, 871–872; 1959.
- GREGG, Thomas Gilkey: Studies on experimental populations of *Drosophila ananassae* derived from irradiated natural populations.
The University of Texas. 39 p. 1958.
DA, 19, 2217; 1959.
- GRELL, Rhoda F.: A new hypothesis concerning the sequence and nature of meiotic events in the female of *Drosophila melanogaster*.
The University of Tennessee. 37 p. 1961.
DA, 22, 4121–4122; 1962.
- GROVE, Davison Greenawalt: The natural history of the angular-winged katydid *Microcentrum rhombifolium* (SAUSS.).
Cornell University. 136 p. 1959.
DA, 20, 420–421; 1959.
- GUEST, Richard Thornton: An electrophysiological approach to the study of repellency in *Phormia regina* (MEIGEN).
Rutgers University. 98 p. 1960.
DA, 21, 1297–1298; 1960.
- GUEST, William Charles: Cytological studies in the littoralis-montana complex of the virilis species group of the genus *Drosophila*.
The University of Texas. 79 p. 1959.
DA, 20, 2975–2976; 1960.

- GUEVARA, José Calderón: The development and use of varieties on beans resistant to certain insect pests of legumes. The Ohio State University. 124 p. 1957.
DA, 18, 1931; 1958.
- GUPTA, Virendra Kumar: Taxonomy, zoogeography, and evolution of the Indo-Australian species of the genus *Theronia* (Hymenoptera, Ichneumonidae). University of Michigan. 386 p. 1961.
DA, 22, 681; 1961.¹
- GUTHRIE, Wilbur Dean: Leaf and sheath feeding resistance to the european corn borer in dent corn. The Ohio State University. 173 p. 1958.
DA, 19, 1490—1491; 1959.
- HABECK, Dale Herbert: Insects associated with sweetpotato foliage and their relation to the dissemination of internal cork virus. North Carolina State College. 63 p. 1959.
DA, 20, 2976; 1960.
- HAINES, Thomas Walton: Tissue culture of *Aedes aegypti* cells and its application in studies on the behavior of eastern equine encephalomyelitis virus. University of Maryland. 51 p. 1958.
DA, 20, 31; 1959.
- HAMILTON, Eugene Ward: Metabolism of aldrin and dieldrin by the American cockroach, *Periplaneta americana* (L.). Iowa State University of Science and Technology. 73 p. 1961.
DA, 22, 417; 1961.
- HAMRUM, Charles Lowell: Taxonomic significance of certain sensilla on the wings of Diptera. Iowa State College. 192 p. 1957.
DA, 18, 1158; 1958.
- HANAN, Blake Burdette: An anatomical, histological, and embryological study of the retrocerebral complex in the honey bee (*Apis mellifera* L.). The Ohio State University. 76 p. 1952.
DA, 18, 1541—1542; 1958.
- HANEC, William: Adaptations of the european corn borer, *Pyrausta nubilalis* (HUBN.) for winter survival. The University of Wisconsin. 125 p. 1960.
DA, 20, 3908—3909; 1960.
- HANKS, George Davis: The analysis of a case of meiotic drive in *Drosophila melanogaster*. University of Oregon. 86 p. 1961.
DA, 22, 1363; 1961.
- HANLY III, Edward William: Part I: Tissue culture of *Drosophila*. Part II: Pterodomes and eye pigmentation in *Drosophila melanogaster*. The University of Texas. 128 p. 1961.
DA, 22, 980; 1961.
- HANSEN, H. L.: The host relationships of the seed chalcid, *Bruchophagus gibbus* (BOHEMAN) (Hymenoptera, Eurytomidae). University of California. 96 p. 1955.
- HARCOURT, Douglas George: The biology and ecology of the diamondback moth, *Plutella maculipennis* CURTIS, in eastern Ontario. Cornell University. 132 p. 1954.
DA, 15, 900—901; 1955.
- HARDING JR., Wallace Charles: Flea beetles of the genus *Epitrix* in Maryland (Chrysomelidae: Halticinae). University of Maryland. 69 p. 1961.
DA, 22, 2951; 1962.
- HAREIN, Phillip Keith: Fumigation efficiency as affected by exposure periods, formulations and by insect species and stages. Kansas State University. 79 p. 1961.
DA, 21, 3209—3210; 1961.
- HARPER, Alexander Maitland: The sugar-beet root aphid *Pemphigus betae* DOANE with notes on closely related aphids of southern Alberta. State College of Washington. 136 p. 1957.
DA, 18, 338; 1958.
- HARRIS, Charles Ronald: Factors affecting the volatilization of insecticides from soils. The University of Wisconsin. 96 p. 1961.
DA, 22, 375; 1961.

¹ Published also as: Pacific Insects Monograph. 4, 1—142: 1962.

- HARRIS, Robert Lee: Certain genetic aspects of house fly (*Musca domestica* L.) resistance to Malathion.
Kansas State University. 40 p. 1960.
DA, 21, 707; 1960.
- HARRIS JR., Emmett Dewitt: Control of the carrot rust fly, *Psila rosae* (FAB.), with seed and soil applications of insecticides.
Cornell University. 91 p. 1956.
DA, 16, 818—819; 1956.
- HARRISON, Robert Louis: Evaluation of recurrent selection in breeding corn resistant to the european corn borer (*Pyrausta nubilalis* (HBN.)).
University of Illinois. 66 p. 1961.
DA, 22, 1339; 1961.
- HARRISON JR., Robert Peyton: The insects and diseases of aspen.
University of Michigan. 270 p. 1960.
DA, 20, 4478—4479; 1960.
- HARTLEY, Charles Fred: Host induced alterations of eastern equine encephalomyelitis virus in *Tenebrio molitor* L.
The University of Wisconsin. 62 p. 1957.
DA, 17, 2095; 1957.
- HARVILLE, John Patrick: Ecology and population dynamics of the California oak moth, *Phryganidia californica* PACKARD (Lepidoptera: Dioptidae).
Stanford University. 86 p. 1956.
DA, 16, 1300; 1956.
- HARWOOD, Robert Frederick: The chorionic layers of eggs of floodwater mosquitoes.
University of Illinois. 106 p. 1954.
DA, 14, 1855—1856; 1954.
- HASBROUCK JR., Frank Flinn: A revision of the Acrolophidae (Microlepidoptera) of America North of Mexico based on the male genitalia.
University of Illinois. 419 p. 1953.
DA, 14, 426—427; 1954.
- HASKELL, Judith Ann Parsons: Conditions for the culture of Arthropod tissues.
Purdue University. 146 p. 1961.
DA, 22, 367; 1961.
- HAWS, Leo Dale: Insecticide treatment of manure for control of house flies with notes on the control of cattle lice and the sheep tick.
Cornell University. 142 p. 1958.
DA, 19, 2201; 1959.
- HAYNES, Dean L.: Studies on european pine shoot moth biology and interactions between the insect, its environment and Michigan host species.
Michigan State University. 119 p. 1960.
DA, 21, 3216; 1961.
- HAYS, Kirby Lee: The ecology of the Tabanidae (Diptera) of the Ottawa National Forest, Michigan.
University of Michigan. 174 p. 1958.
DA, 19, 401—402; 1958.
- HEIST, Herbert Ernest: Studies on oxygen consumption and age-weight relationship of larvae of *Phaenicia sericata* MEIGEN.
State University of Iowa. 44 p. 1957.
DA, 17, 2095; 1957.
- HEROLD, Richard Carl: Cytology and metabolism of the flight muscle sarcosomes during the honeybee (*Apis mellifera* L.) development.
University of Pennsylvania. 92 p. 1961.
DA, 21, 3895; 1961.
- HIGHLAND, Henry Arthur: The biology and external anatomy of *Asphondylia ilicicola* FOOTE 1953 (Diptera: Itonididae).
University of Maryland. 63 p. 1957.
DA, 17, 1630; 1957.
- HILL, Clarence Howell: The biology and control of the scurfy scale (*Chionaspis furfura* [FITCH]) on apples in Virginia.
The Ohio State University. 78 p. 1951.
DA, 18, 701—702; 1958.
- HINCKLEY, Alden Dexter: Mortality of two beetles, *Aracerus levipennis* JORDAN and *Mimosestes sallaei* (SHARP), in field populations.
University of Hawaii. 125 p. 1960.
DA, 21, 1298—1299; 1960.

- HINTZ, Howard William: Studies on the european red mite on apple in Ohio.
The Ohio State University. 213 p. 1952.
DA, 18, 1542—1544; 1958.
- HODGES, Ronald William: A revision of the Cosmopterigidae of America North of Mexico, with a definition of the Momphidae and Walshidae (Lepidoptera: Gelechioidea).
Cornell University. 246 p. 1961.
DA, 22, 2919; 1962.
- HODGSON, Ernest: Phospholipids and their components in the nutrition and metabolism of the blowfly, *Phormia regina* (MEIG.).
Oregon State College. 112 p. 1960.
DA, 20, 4260; 1960.
- HOOPER, George Bates: On adaptive differences in the transpiration rates and humidity behavior of *Drosophila pseudoobscura* and *Drosophila persimilis*.
Princeton University. 85 p. 1956.
DA, 18, 269; 1958.
- HOOPINGARNER, Roger Allen: An analysis of the genetic and environmental factors affecting larval development of queen honey bees.
The University of Wisconsin, 67 p. 1959.
DA, 19, 2705; 1959.
- HORN, Donald Howard Van: Variations in populations of the grasshopper *Melanoplus dodgei* (THOMAS) from the front range of Colorado.
University of Colorado. 100 p. 1961.
DA, 22, 3311; 1962.
- HOUK, Wallace Eugene: A study of some events in the development of entomology and its application in Michigan.
Michigan State College. 334 p. 1954.
DA, 14, 1117—1118; 1954.
- HOWE, Robert George: The biology and control of the corn earworm (*Heliothis armigera*, HUBNER) on Long Island, New York.
Cornell University. 116 p. 1955.
DA, 16, 600—601; 1956.
- HUBBY, John Lee: Studies on pteridine metabolism in *Drosophila*.
The University of Texas. 80 p. 1959.
DA, 20, 1977—1978; 1959.
- HUDDLESTON, Ellis Wright: Sampling alfalfa for the determination of insecticide residues.
Cornell University. 86 p. 1960.
DA, 20, 4471—4472; 1960.
- HUFFMAN, Ira Edward Wight: The biology of an aquatic pyralid, *Cataglyphis fulicalis* CLEM. (Lepidoptera), and its Tachinid parasitoid, *Ginglymia acirostris* TOWNS. (Diptera).
The Ohio State University. 63 p. 1955.
DA, 16, 601; 1956.
- HULL JR., George: The biology of the brown-banded cockroach and its relative susceptibility to five organic insecticides.
The Ohio State University. 53 p. 1957.
DA, 18, 1159; 1958.
- HUMMEL, Cleo Mary: The biology, ecology and description of the jewelweed flower-bud midge *Schizomyia impatientis* (OSTEN SACKEN).
Cornell University. 168 p. 1956.
DA, 16, 2562; 1956.
- HUNTER, Frissell Roy: Aerobic metabolism of *Crithidia fusciculata*.
University of Iowa. 47 p. 1957.
DA, 17, 1158—1159; 1957.
- HUSSAIN, Ali Abdul: The biology and ecology of Buprestid borers attacking hemlock in the Flambeau River State Forest.
The University of Wisconsin. 157 p. 1956.
DA, 16, 1984; 1956.
- HWANG, Joseph C.: A morphological study of the adult lacewing, *Chrysopa oculata* SAY (Neuroptera: Chrysopidae).
University of Maryland. 164 p. 1958.
DA, 20, 422; 1959.
- HYNES, Claude Dennis: A study of the *Tepula fraterna* complex in the southeastern United States (Tipulidae: Diptera).
The University of Florida. 150 p. 1957.
DA, 18, 338; 1958.

- JACOBS, Merle Emmor: Studies on territorialism and sexual selection in dragonflies.
Indiana University. 107 p. 1953.
DA, 13, 1313; 1953.
- JAQUES, Robert Paul: The ecology of polyhedrosis of the cabbage looper, *Trichoplusia ni* HUEBNER.
Cornell University. 287 p. 1960.
DA, 21, 3235; 1961.
- JARVIS, James Lawrence: Interrelation of factors influencing populations of the european corn borer in Boone County, Iowa.
Iowa State University of Science and Technology. 168 p. 1961.
DA, 22, 3786; 1962.
- IBRAHIM, Mahmoud Adl-Eldin: Association tests between chromosomal interchanges in maize and resistance to the european corn borer.
University of Minnesota. 73 p. 1952.
DA, 13, 285—286; 1953.
- JERATH, Manohar Lal: Systematics of larval Aphodiinae with notes on the biologies of several species (Coleoptera: Scarabaeidae).
Oregon State College. 169 p. 1958.
DA, 19, 605; 1958.
- IGNOFFO, Carlo Michael: The life history and gall development of *Mordwilkoja vagabunda* WALSH. (Homoptera: Aphididae), on *Populus deltoides* MARSH.
University of Minnesota. 122 p. 1957.
DA, 18, 338—339; 1958.
- JOHNSON, Warren Thurston: On the biology and control of the North American chestnut weevils.
University of Maryland. 88 p. 1956.
DA, 17, 129—190; 1957.
- JOHNSON JR., William Eugene: The natural history of the mosquitoes of the Wichita Mountains wildlife refuge.
The University of Oklahoma. 84 p. 1961.
DA, 22, 947—948; 1961.
- JONES, Walter LaRue: The effects of crowding on the larvae of *Aedes aegypti* (L.) when reared under aseptic and nonaseptic conditions.
The Ohio State University. 72 p. 1960.
DA, 21, 3204—3205; 1961.
- JOY, John Luther: Transmission of food-poisoning organisms by the brown-banded roach (*Supella supellectilium*)
SERVILLE, 1839.
Kansas State University. 80 p. 1960.
DA, 20, 4243—4244; 1960.
- JULLIET, J. A.: Studies of introduced parasites of the european pine shoot moth (*Rhyacionia buoliana* (SCHIFF.)).
State University College of Forestry, Syracuse. 116 p. 1958.
- IYENGAR, Shanta Venkatesa: The production of mutations by chemical treatments of the polar cap of *Drosophila melanogaster*.
Indiana University. 63 p. 1956.
DA, 17, 700—701; 1957.
- KALKAT, Gurcharn Singh: The effect of controlled temperature and humidity on the residue life of certain insecticides
The Ohio State University. 94 p. 1958.
DA, 19, 3421; 1959.
- KAMAL, ADEL S.: The bionomics and digestive enzymology of several species of Sarcosaprophagous Calliphoridae and Sarcophagidae.
State College of Washington. 94 p. 1956.
DA, 17, 190; 1957.
- KANNOWSKI, Paul Bruno: Factors affecting the ecological distribution of the ants in three bogs in southeastern Michigan 1957.
University of Michigan. 275 p. 1957.
DA, 18, 1544; 1958.
- KAOCHARERN, Panee: Cytological changes associated with diapause in embryos of the grasshopper *Melanoplus differentialis* (THOMAS).
The University of Wisconsin. 114 p. 1958.
DA, 19, 392—393; 1958.
- KAPLAN, Martin Lee: The nature of tumor development in the tu-e strain of *Drosophila melanogaster*: the rôle of nutritional modification and temperature variation in the tumor process.
New York University. 157 p. 1958.
DA, 22, 403—404; 1961.

- KAPLER, Joseph Edward: The biology and ecology of the red-pine sawfly in Wisconsin. The University of Wisconsin. 85 p. 1958.
DA, 19, 1874—1875; 1959.
- KATIYAR, Kamta Prasad: Diapause in the sugarcane borer, *Diatraea saccharalis* (F.). Louisiana State University. 176 p. 1960.
DA, 21, 2412; 1961.
- KAYHART, Marion: A comparative study of dose-action curves for visible eye-color mutations induced by X-rays, thermal neutrons, and fast neutrons in *Mormoniella vitripennis*. University of Pennsylvania. 87 p. 1954.
DA, 14, 1480—1481; 1954.
- KELLEHER, James Stewart: Life-history and ecology of *Doryphorophaga doryphorae* (RILEY), a tachinid parasite of the Colorado potato beetle. University of Minnesota. 80 p. 1960.
DA, 21, 3205; 1961.
- KELLER JR., Edward Clarence: Genetic-environment interaction in inbred and hybrid strains of *Drosophila melanogaster*. The Pennsylvania State University. 136 p. 1961.
DA, 22, 3821—3822; 1962.
- KELSEY, Lewis Preston: The anatomy and skeleto-motor mechanism of the head and prothorax of the larva, pupa and adult of *Corydalus cornutus* LINN. (Neuroptera; Megaloptera; Corydalidae). Cornell University. 121 p. 1954.
DA, 14, 2163—2164; 1954.
- KILLOUGH, Ralph Arnold: The relative attractiveness of electromagnetic energy to nocturnal insects. Purdue University. 444 p. 1961.
DA, 22, 2130; 1962.
- KING, Charles Crawford: Effects of Herbicides on honey bees and nectar secretion. The Ohio State University. 189 p. 1961.
DA, 22, 3786—3787; 1962.
- KING, Donald Roy: The ecology of the meadow spittlebug *Philaenus leucophthalmus* (L.); Family Cercopidae. The Ohio State University. 94 p. 1952.
DA, 18, 1159—1160; 1958.
- KING, John Ralph: Effect of droplet size and the rate of application in controlling insects and diseases of row crops. Cornell University. 90 p. 1955.
DA, 15, 1156—1157; 1955.
- KINGSOLVER, John Mark: Evolutionary studies in the weevil genus *Lixus* (Coleoptera: Curculionidae). University of Illinois. 115 p. 1961.
DA, 22, 1755; 1961.
- KIRA, Mohamed Tahir: Factors influencing european corn borer populations in Ohio. The Ohio State University. 145 p. 1958.
DA, 19, 393; 1958.
- KIRNER, Stephen Harper: The effects of temperature and relative humidity upon the eggs of several species of Triatominae (Hemiptera, Reduviidae). Cornell University. 207 p. 1957.
DA, 17, 1159—1160; 1957.
- KISHABA, Albert Nobuhiro: Substances from fungal ferments inhibitory to Mexican bean beetle (*Epilachna varivestis* MULS.) feeding. Purdue University. 155 p. 1961.
DA, 22, 367—368; 1961.
- KISSINGER, David George: A revision of the Apion sbugenus *Trichapion* WAGNER in North America (Coleoptera: Curculionidae). University of Maryland. 219 p. 1957.
DA, 18, 339; 1958.
- KLUSS, Byron C.: Light and electron microscope observations on the photogenic organs of the firefly, *Photuris pennsylvanica* DE GEER, with special reference to the innervation. State University of Iowa. 64 p. 1957.
DA, 17, 2095—2096; 1957.
- KNAPP, Fred William: Systemic insecticides for the control of the cattle grub, *Hypoderma lineatum* (DE VILLERS). Kansas State University. 84 p. 1961.
DA, 22, 1306—1307; 1961.
- KNOWLTON JR., Carroll Babbidge: A revision of the species of Halysidota Huebner known to occur north of the isthmus of Tehuantepec (Lepidoptera, Arctiidae, Arctiinae).

- Cornell University. 212 p. 1961.
DA, 22, 3304; 1962.
- KNUCKLES, Joseph Lewis: Studies on the role of *Phormia regina* (MEIGEN) as a vector of certain enteric bacteria. The University of Connecticut. 142 p. 1959.
DA, 20, 1490—1491; 1959.
- KOEHLER, Carlton Smith: Studies of the biology and economic importance of the clover root borer, *Hylastinus obscurus* (MARSHAM). Cornell University. 126 p. 1958.
DA, 19, 2412; 1959.
- KOHL, Robert Erwin: Biology and taxonomy of Wisconsin Tetanoceridae. The University of Wisconsin. 134 p. 1958.
DA, 18, 2266—2267; 1958.
- KOLKALA, Ahmad M.: Electrical responses of the eyes of *Aedes aegypti* L. larvae stimulated by visible light and the effect of insecticides on their nerve action potentials. University of Minnesota. 86 p. 1960.
DA, 21, 3206; 1961.
- KORMONDY, Edward John: Studies on the life history, morphology and ecology of the genus *Tetragoneuria* in Michigan (Odonata: Libellulidae). University of Michigan. 286 p. 1955.
DA, 15, 2353—2354; 1955.
- KRAPCHICK, Bernard: A comparative study of the male genitalia of North American ants (Formicidae) with emphasis on generic differences. University of Maryland. 85 p. 1959.
DA, 20, 3439; 1960.
- KRAFT, Kenneth James: A revision of the Pachygasterinae (Diptera: Stratiomyidae) of North America North of Mexico. University of Minnesota. 100 p. 1958.
DA, 19, 915; 1958.
- KRAMER, James Phillip: The phylogeny of *Deltocephalus* and allied genera (Homoptera: Cicadellidae: Deltocephalinae). University of Illinois. 148 p. 1961.
DA, 22, 1755; 1961.
- KRAMER, John Paul: A study of microsporidiosis in the european corn borer, *Pyrausta nubilalis* (HÜBNER). University of Illinois. 74 p. 1958.
DA, 19, 1144—1145; 1958.
- KRISHNAMURTHY, Nikam Balaji: Genetical and cytological investigations of the *Drosophila dunni* species subgroup. The University of Texas. 106 p. 1959.
DA, 20, 423; 1959.
- KROMAN, Ronald Avron: An investigation of an hereditary melanotic tumor in *Drosophila melanogaster*: tu^{51f}. University of Minnesota. 138 p. 1957.
DA, 17, 1195—1196; 1957.
- KROMBEIN, Karl von Vorse: A revision of the Myrmosinae of the new world with a discussion of the old world species (Hymenoptera Aculeata). Cornell University. 55 p. 1960.
DA, 21, 3206—3207; 1961.
- KULMAN, Herbert Marvin: Nature and effects of defoliation of jack and red pine by the jack-pine budworm, *Choristoneura pinus* FREE. (Lepidoptera: Tortricidae), and the occurrence of budworm parasites at particular locations within stands and trees. University of Minnesota. 127 p. 1960.
DA, 21, 3564—3565; 1961.
- KVOLEK, William Francis: A statistical study of the effects of the european corn borer, *Pyrausta nubilalis* (HBN.), on corn yield. Iowa State College. 102 p. 1958.
DA, 19, 1482—1483; 1958.
- LABRECQUE, Germain Claude: Studies of the sand fly (Culicoides spp.) with special reference to methods of practical control. The Ohio State University. 62 p. 1957.
DA, 18, 1160—1161; 1958.
- LALL, Bankey S.: A study of nutritional requirements of the hide beetle, *Dermestes maculatus* DEG., with special emphasis on the roles of amino acids and vitamins. University of Maryland. 56 p. 1954.
DA, 15, 1158; 1955.

- LAMBREMONT, Edward Nelson: A study of the biochemistry and physiological aging of two phosphatases of the mosquito, *Aedes aegypti* (L.).
The Ohio State University. 119 p. 1958.
DA, 19, 394; 1958.
- LANCASTER, Douglas Allan: Behavior of Boucard's Tinamon, *Crypturellis boucardi*, in the breeding season.
Louisiana State University. 162 p. 1960.
DA, 21, 2413; 1961.
- L'ARRIVEE, Joseph Charles Maurice: Survival of honey-bee larvae following colony inoculation with various dosages of *Bacillus larvae* W.
Iowa State College. 63 p. 1958.
DA, 19, 195—196; 1958.
- LARSEN, Wesley Pratt: A study of the embryology of the cockroach, *Blaberus craniifer* BURMEISTER.
University of Utah. 120 p. 1960.
DA, 21, 3565; 1961.
- LAU, Norman Eugene: A study of insects and nematodes and the associated necrosis on the roots of red clover in New Jersey.
Rutgers University. 125 p. 1958.
DA, 19, 1483; 1958.
- LAUCK, David Robert: A monograph of the genus *Belostoma* (Hemiptera).
University of Illinois. 233 p. 1961.
DA, 21, 3896—3897; 1961.
- LEA JR., Arden O.: Studies on the nutritional requirements of *Aedes aegypti* (L.) for growth, development, and reproduction.
The Ohio State University. 80 p. 1957.
DA, 18, 2267; 1958.
- LEE, Peter Elliot: Some studies on the aster-yellows virus and transmission by the six-spotted leafhopper *Macrostelus fascifrons* (Stål).
The University of Wisconsin. 94 p. 1961.
DA, 22, 702; 1961.
- LEE JR., William Roscoe: Radiation induced dominant lethal mutations in the honey bee.
The University of Wisconsin. 76 p. 1956.
DA, 16, 1779—1780; 1956.
- LEGNER, E. Fred: An ecological study of some foliage-feeding insects on young nonbearing apple trees in Wisconsin.
The University of Wisconsin. 148 p. 1961.
DA, 22, 1763; 1961.
- LEVIN, Marshall David: The comparative value of different pollens in the nutrition of *Osmia lignaria* SAY (Hymenoptera, Apoidea).
University of Minnesota. 90 p. 1956.
DA, 17, 701; 1957.
- LEWIS, Franklin Beach: Bionomic and taxonomic studies of the Ceratopogonidae (Diptera) of Connecticut.
The University of Connecticut. 201 p. 1955.
DA, 15, 1467; 1955.
- LEWIS, Robert Earl: The thoracic musculature of the Indian rat flea, *Xenopsylla cheopis* (ROTHSCHILD) 1903, its function and implications in the phylogeny of the order Siphonaptera.
University of Illinois. 85 p. 1959.
DA, 20, 1909—1910; 1959.
- LI, Ching Sing: The genera *Epilachna* and *Afidenta* of the subfamily *Epilachninae* (Coccinellidae, Coleoptera) in Formosa.
University of Minnesota. 144 p. 1959.
DA, 20, 2451; 1959.
- LIBBY, John Lester: The nervous system of certain abdominal segments and the innervation of the reproductive system and genitalia of the male cereropia moth *Hyalophora cereropia* LINN. (Lepidoptera, Saturniidae).
Rutgers University. 67 p. 1960.
DA, 21, 1299; 1960.
- LILES, James Neil: Some effects of penicillin on the German cockroach, *Blattella germanica* (LINN.) Orthoptera: Blattellidae.
The Ohio State University. 122 p. 1956.
DA, 17, 1160—1161; 1957.
- LIMPEL, Lawrence Eugene: Iodine metabolism in insects.
The University of Wisconsin. 61 p. 1957.
DA, 17, 1840—1841; 1957.

- LIN, Sping: Temperature threshold of development of certain insect eggs under constant and variable conditions. University of Minnesota. 75 p. 1952.
DA, 13, 274–275; 1953.
- LINDQUIST, Donald Arthur: Chemical, biological, and residue dissipation experiments with Thiodan. Iowa State College. 70 p. 1958.
DA, 19, 196–197; 1958.
- LIPKE, Herbert: The effect of diets containing corn of soybeans on the growth of *Tribolium confusum* DUV. and *Tenebrio molitor* LINNE. University of Illinois. 151 p. 1954.
DA, 14, 913–914; 1954.
- LIPPOLD, Paul Charles: The history and physiological basis of host specificity of the Mexican bean beetle, *Epilachna varivestis* MULS. (Coleoptera, Coccinellidae). University of Illinois. 152 p. 1957.
DA, 17, 2716–2717; 1957.
- LITTLE, Harold Franklin: Reactions of the honey bee, *Apis mellifera* LINN., to its natural sounds and to artificial sound and vibration of known frequencies. The Pennsylvania State University. 58 p. 1959.
DA, 20, 2978; 1960.
- LOAN, Conrad Charles: The biology of insect parasites of the genus *Sitona* GERMAR (Coleoptera: Curculionidae). University of Minnesota. 232 p. 1960.
DA, 21, 999–1000; 1960.
- LOEFFEL, Frank Albert: Effectiveness of individual plant selection in *Zea mays* L. for resistance to the european corn borer (*Pyrausta nubilalis* HBN.). University of Minnesota. 80 p. 1953.
DA, 13, 638; 1953.
- LORENZO JR., Michael Aloysius: The cephalic nervous system of a Centipede *Arenophilus bipuncticeps* (WOOD). St. Louis University. 109 p. 1959.
DA, 20, 3902–3903; 1960.
- LOULOUDES, Spiro James: The syntheses of P³² labeled trolene, its absorption, distribution, and excretion by the cockroach, *Leucophaea maderae* (F.) and white mouse, *Mus musculus*. Kansas State College. 87 p. 1958.
DA, 18, 1601–1602; 1958.
- LOVELL, James Byron: Inheritance of ability to synthesize DDT-dehydrochlorinase and its relationship to DDT-resistance in the house fly. University of Illinois. 72 p. 1956.
DA, 17, 217–218; 1957.
- LOWE, John Arthur: The seasonal and relative abundance of the major insects of the pasture and meadow habitat of central Illinois. University of Illinois. 80 p. 1960.
DA, 21, 1299; 1960.
- LU, Kiao-Hung: Changes in the distribution of phosphorus of the developing grasshopper (*Melanoplus differentialis*) embryo. State University of Iowa. 56 p. 1952.
DA, 12, 607–608; 1952.
- LUCKMANN, William Henry: The effect of the morphology and physiology of the corn plant on the survival and control of the european corn borer. University of Illinois. 56 p. 1956.
DA, 16, 849–850; 1956.
- LUDWIG JR., Paul David: Spectral studies on the yellow fever mosquito, *Aedes aegypti* (L.). The Ohio State University. 104 p. 1954.
DA, 15, 1279; 1955.
- LUGTHART, Garrit John: Biology and control of housefly larvae. The University of Wisconsin. 120 p. 1959.
DA, 19, 1882–1883; 1959.
- LUKEFAHR, M. J.: Factors related to the induction of diapause in the pink bollworm. A. & M. College of Texas. 1961.
- LUM, Patrick Tung Moon: Bionomics of *Psorophora howardii* COQUILLETT (Diptera, Culicidae). University of Illinois. 71 p. 1956.
DA, 17, 445–446; 1957.

- LYONS, Leslie Allan: Population studies on *Neodiprion swainei* MIDDLETON (Hymenoptera: Diprionidae) in Quebec. University of Minnesota. 190 p. 1960.
DA, 21, 2054—2055; 1961.
- MCALPINE, James Francis: A phylogenetic study of the family Lonchaeidae (Diptera). University of Illinois. 86 p. 1954.
- MCCCLUSKEY, Elwood Sturges: Daily rhythms in harvester (*Veromessor andrei*) and Argentine (*Iridomyrmex humilis*) ants. Stanford University. 178 p. 1959.
DA, 20, 1492; 1959.
- MCCOY JR., Chauncey Edward: Biology and ecology of nine species of *Drosophila* (Diptera: Drosophilidae), common in Indiana: a comparative study. Purdue University. 165 p. 1960.
DA, 21, 1309; 1960.
- MCCRADY, William Boyd: Investigation of genes influencing carbon dioxide sensitivity in *Drosophila melanogaster*. The University of Nebraska. 123 p. 1961.
DA, 22, 2552; 1962.
- MCDANIEL, Ivan Noel: Bionomics of the brown woods mosquito, *Aedes stimulans* (WALKER) (Diptera: Culicidae). University of Illinois. 117 p. 1958.
DA, 19, 1145; 1958.
- MCENROE, William D.: Uric acid metabolism in the American roach *Periplaneta americana* (L.). Rutgers University. 112 p. 1957.
DA, 17, 2338; 1957.
- MCGUFFIN, William Clayton: Larvae of the Larentiinae (Lepidoptera: Geometridae). University of Minnesota. 202 p. 1954.
DA, 16, 2563—2564; 1956.
- MACKLIN, Jerry Milton: Life histories of five species of Odonata. Purdue University. 221 p. 1961.
DA, 22, 2130—2131; 1962.
- MCLAUGHLIN, Roy Earl: The role of certain bacteria and high temperature stress upon larval mortality of the army-worm, *Pseudoletia unipuncta* (HAWORTH). University of Illinois. 111 p. 1961.
DA, 22, 1757; 1961.
- MCMAHAN, Elizabeth Anne: Laboratory studies of *Cryptotermes brevis* (WALKER) (Isoptera: Kalotermitidae) with special reference to colony development and behavior. University of Hawaii. 232 p. 1960.
DA, 21, 2414; 1961.
- McMILLAN, Harlan Luther: Progressive changes in natural and laboratory populations of *Culex pipiens* LINNAEUS (Diptera: Culicidae). Purdue University. 121 p. 1960.
DA, 21, 1006; 1960.
- MCNEAL, Francis Harrison: Inheritance of stem solidness in a thatcher by rescue wheat cross. University of Minnesota. 58 p. 1953.
DA, 13, 959; 1953.
- MALDONADO-CAPRILES, Jenaro: A study of some neotropical leafhoppers (Homoptera: Cicadellidae: Idiocerinae). The Ohio State University. 146 p. 1956.
DA, 17, 1160—1161; 1957.
- MARTIN, Grady Allen: Selection for body weight in *Drosophila melanogaster*. Purdue University. 156 p. 1959.
DA, 20, 1549; 1959.
- MATSUDA, Ryuichi: The comparative morphology of the thorax of two species of insects. Stanford University. 109 p. 1956.
DA, 16, 1780—1781; 1956.
- MATTESON, John Warren: Some factors influencing the persistence and insecticidal efficiency of five chlorinated hydrocarbon insecticides. University of Illinois. 60 p. 1959.
DA, 20, 423—424; 1959.
- MATTHEWS, Eric Glasswell: Scarab beetles of the genus *Copris* MUELLER of the western hemisphere, with notes on biology and sexual dimorphism. Cornell University. 290 p. 1960.
DA, 21, 2056; 1961.

- MEAD, Charles Grandison: Isolation and characterization of the deoxyribonucleic acids of *Drosophila melanogaster*. Michigan State University. 52 p. 1960.
DA, 22, 714; 1961.
- MENEES, James Howard: The embryonic and postembryonic homologies of insect genitalia as revealed in the development of the male and female reproductive systems of the european chafer, *Amphimallon majalis* RAZOUMOWSKI (Coleoptera: Scarabaeidae). Cornell University. 109 p. 1959.
DA, 20, 3442; 1960.
- MILLER, William Eldon: The biology and control of the european pine shoot moth. The Ohio State University. 54 p. 1955.
DA, 16, 602; 1956.
- MISRA, Chandra Prakash: Studies on the relationship between *Sitotroga cerealella* OLIV. (angoumois grain moth), *Plodia interpunctella* HBN. (Indian meal moth) and storage fungi. University of Meinnesaota. 92 p. 1960
DA, 21, 1680; 1961.
- MITCHELL, Russel Gate: The biology of the balsam woolly aphid, *Chermes piceae* RATZ., in Oregon and Washington and the identifiacion and evaluation of its native predators. Oregon State College. 123 p. 1960.
DA, 21, 434; 1960.
- MOCKFORD, Edward Lee: An evolutionary study of the genus *Caecilius* (Psocoptera). University of Illinois. 145 p. 1960.
DA, 21, 3207—3208; 1961.
- MOGREN, Edwin Walfred: A study of some aspects of susceptibility of ponderosa pine to attack by black hills beetle. University of Michigan. 111 p. 1955.
DA, 15, 1477; 1955.
- MOHN, Nancy: Cold resistance of naturally occurring karyotypes in *Drosophila persimilis* from the high Sierra Nevada of California. University of Pittsburgh, 115 p. 1961.
DA, 22, 3822—3823; 1962.
- MOORE, Thomas Edwin: Evolution of the higher categories of Cercopidae, with a revision of the north American species of *Aphrophora* (Homoptera). University of Illinois. 96 p. 1956.
DA, 16, 1743—1744; 1956.
- MOORE JR., Raymond Franklin: The assay of succinic dehydrogenase of *Periplaneta americana* and its reaction with the insecticide, Rotenone. Rutgers University. 128 p. 1959.
DA, 20, 1502—1503; 1959.
- MOOREFIELD, H. H.: Studies on some integumental proteins of insects. University of Illinois. 1953.
- MORETTI, Mario F. D.: Studies on the potato leafhopper *Empoasca fabae* as a nursery pest. Rutgers University. 227 p. 1956.
DA, 16, 2263; 1956.
- MORGAN, Philip Bone: A histological study of integumental transplants among Orthoptera (Arthropoda: Insecta). Kansas State University. 47 p. 1961.
DA, 21, 3568; 1961.
- MOROFKY, Walter Frederick: The correlation of bark beetles and wood borers to slash disposal in Michigan. Michigan State College. 175 p. 1952.
DA, 14, 432; 1954.
- MOSER, John Conrad: A study of the interrelationships of the gallmakers of *Celtis occidentalis* L. and their natural enemies. Cornell University. 183 p. 1958.
DA, 19, 1484; 1958.
- MOUSSA, Moufid Abdel-Aziz: Bionomics of the clover leaf weevil, *Hypera punctata* (FABRICIUS). University of Illinois. 115 p. 1956.
DA, 16, 834—835; 1956.
- MUELLER, Walter Carl: Transmission of potato leafroll and barley yellow dwarf viruses injected into aphids. Cornell University. 81 p. 1961.
DA, 22, 386—387; 1961.
- MUKA, Arthur Allen: The biology of the clover head weevil, *Tychius stephensi* SCHOENHERR, with some notes on control. Cornell University. 82 p. 1954.
DA, 15, 12—13; 1955.

- MUKAI, Terumi: Single gene heterosis associated with a second chromosome recessive lethal in *Drosophila melanogaster*. Purdue University. 99 p. 1958.
DA, 19, 939; 1958.
- MULKERN, Gregory Benedict: A study of growth and molting factors in cockroaches as indicated by allatectomy, spermatogenesis, and integumental transplants. Kansas State College. 69 p. 1957.
DA, 17, 1630; 1957.
- MURPHEY, Franklin James: The bionomics of *Culex salinarius* COQUILLETT. University of Delaware. 243 p. 1961.
DA, 22, 2920—2921; 1962.
- MURVOSH, Chad Michael: An ecological study of the riffle beetle *Psephenus herricki* (DEKAY) (Coleoptera: Psephenidae). The Ohio State University. 93 p. 1960.
DA, 21, 2414—2415; 1960.
- MUTCHMOR, John Alexander: Low temperature tolerance of insects in relation to the influence of temperature on muscle apyrase activity. University of Minnesota. 76 p. 1961.
DA, 22, 303—304; 1961.
- MYERS, Theodore Blow: Some aspects of tracheal ventilation in the cockroach, *Byrsotria fumigata* (GUÉRIN). The Ohio State University. 89 p. 1958.
DA, 19, 2414; 1959.
- MYSER, Willard Cochran: The external and internal morphological changes during metamorphosis in the worker honeybee *Apis mellifera* LINNAEUS. The Ohio State University. 80 p. 1952.
DA, 18, 703—705; 1958.
- NAMBA, Ryoji: A revision of the genus *Rivellia* (Otitidae, Diptera) of North America North of Mexico and the external anatomy of *Rivellia winifredae* NAMBA. University of Minnesota. 178 p. 1953.
DA, 15, 1934—1935; 1955.
- NATION, James Lamar: A study of nitrogen excretion in insects. Cornell University. 63 p. 1960.
DA, 22, 615; 1961.
- NEFF, Stuart Edmund: Natural history and immature stages of certain species of *Sepedon*, *Hoplodictya*, and *Protodictya* (Diptera: Sciomyzidae). Cornell University. 206 p. 1960.
DA, 21, 2056—2057; 1961.
- NEGI, Lakshmi Singh: Ear development and other characteristics of selected strains of maize as affected by European corn borer. University of Minnesota. 92 p. 1953.
DA, 13, 638—639; 1953.
- NEUNZIG, Herbert Henry: Biological and ecological studies of the seed chalcid *Bruchophagus gibbus* (BOH.), with particular reference to populations associated with birdsfoot trefoil, *Lotus corniculatus* L., in New York. Cornell University. 102 p. 1957.
DA, 17, 2740; 1957.
- NEWHOUSE, Verne Frederic: A study of the Sarcophaginae of Western North America: taxonomy of the females, and a possible approach to quantitative classification. Washington State University. 357 p. 1960.
DA, 20, 4468; 1960.
- NEWSON, Harold Don: The feeding habits of Maryland mosquitoes in relation to eastern Equine Encephalomyelitis. University of Maryland. 49 p. 1959.
DA, 21, 277; 1960.
- NICKLAS, Robert Bruce: An experimental and descriptive study of chromosome elimination in *Miastor* sp. (Cecidomyiidae: Diptera). Columbia University. 81 p. 1958.
DA, 21, 3568—3569; 1961.
- NIEMCZYK, Harry Donald: Qualitative and quantitative population studies concerning foliage and head infesting insects of red and mammoth clovers in Michigan. Michigan State University. 91 p. 1961.
DA, 22, 2115; 1961.
- NOLAND, George Bryan: An appraisal of serological techniques as applied to entomological taxonomy with special reference to the Hymenoptera.

- Michigan State University. 130 p. 1955.
DA, 19, 3424; 1959.
- NORMAN, William Harvey: A study of the mosquito ovarian follicle.
University of Texas. 65 p. 1960.
DA, 20, 4494; 1960.
- NOWOSIELSKI, Józef: Studies on circadian rhythm of the house cricket, *Gryllus domesticus* L.
Cornell University. 95 p. 1961.
DA, 22, 4124; 1962.
- O'CONNOR, Charles Timothy: The life history and economic importance of *Mochlonyx cinctipes* (COQUILLET) (Diptera: Culicidae).
The Ohio State University. 97 p. 1958.
DA, 19, 2414; 1959.
- OLIVE, Aulsey Thomas: Composite-feeding Aphids of the genus *Macrosiphum* and two closely related genera in North Carolina (Homoptera: Aphidae) with a host-plant list of *Macrosiphum* and related genera of the eastern United States.
North Carolina State College. 209 p. 1961.
DA, 22, 368–369; 1961.
- OLSON, Robert Edward: The use of the fruit fly, *Drosophila melanogaster*, as a bioassay in detecting minute quantities of benzene hexachloride in plant tissue.
Cornell University. 141 p. 1954.
DA, 14, 1876; 1954.
- OSTER, Irwin Isaac: Experiments for the modification of X-ray mutagenesis in *Drosophila melanogaster*.
Indiana University. 60 p. 1956.
DA, 16, 2248; 1956.
- OSTERTAG, Wolfram: The genetic basis of somatic damage produced by radiation in third instar larvae of *Drosophila melanogaster*.
Indiana University. 97 p. 1961.
DA, 22, 1365–1366; 1961.
- OUYE, Milton Tamotsu: Effects of malathion and piperonyl butoxide combinations on the rate of oxygen consumption of house flies, *Musca domestica* L.
Kansas State University. 41 p. 1959.
DA, 20, 1056; 1959.
- OWEN, Bernard Lawton: Investigations on the development of resistance to chemicals by the house fly, *Musca domestica* L.
Alabama Polytechnic Institute. 185 p. 1959.
DA, 20, 1107; 1959.
- PAPASOLOMONTOS, Andreas: Studies on the transmission of cucumber mosaic virus by the green peach aphid, *Myzus persicae* (SULZ.).
Cornell University. 57 p. 1961.
DA, 22, 387; 1961.
- PATEL, Narayan Ganesh: Toxicity studies of some proteolytic enzymes to the house fly (*Musca domestica* L.).
University of Minnesota. 51 p. 1959.
DA, 21, 2841–2842; 1961.
- PATEL, Raojibhai Chhotabhai: Studies on the habitat and incidence of mosquitoes in University of Wisconsin Arboretum.
The University of Wisconsin. 106 p. 1959.
DA, 20, 808–809; 1959.
- PATRAK, Mano Dutta: The interrelations of host plants and insects as studied through the use of biotypes of corn leaf aphid and varieties of plants.
Kansas State College. 114 p. 1958.
DA, 18, 1562; 1958.
- PATTERSON, Robert Allen: Some aspects of the trypsin-like activity from the midgut of the stable fly, *Stomoxys calcitrans* (L.).
The Ohio State University. 122 p. 1957.
DA, 18, 1162; 1958.
- PAZ, Justo de la: Studies on the embryogeny of *Oncopeltus fasciatus* (DALLS) (Hemiptera: Lygaeidae).
Cornell University. 115 p. 1958.
DA, 19, 1478; 1958.
- PEFFLY, Robert Luther: Crossing and sexual isolation of Egyptian forms of *Musca domestica* (Diptera, Muscidae).
The Ohio State University. 33 p. 1954.
DA, 20, 3443–3445; 1960.

- PENGELLY, David Harvey: The biology of bees of the genus *Megachile* with special reference to their importance in alfalfa seed production in southern Ontario.
Cornell University. 297 p. 1955.
DA, 15, 185; 1955.
- PETERS, Don Clayton: Studies of the biologies of three related legume aphids with special reference to host plants.
Kansas State College. 102 p. 1957.
DA, 17, 2097–2098; 1957.
- PETERSON, Bobbie Vern: The taxonomy and biology of Utah species of black flies (Diptera: Simuliidae).
University of Utah. 371 p. 1958.
DA, 19, 2194; 1959.
- PHILLIPS, William George: Studies on the biology and economic importance of the clover root Curculio *Sitona hispidula* (FAB.) in Maryland.
University of Maryland. 55 p. 1961.
DA, 22, 1785–1786; 1961.
- PIERRE, Leon Lamont: Functions of symbionts in the fat body of the tropical cockroach, *Leucophaea maderae* (FABRICIUS).
Fordham University. 150 p. 1961.
DA, 22, 983; 1961.
- PIPA, Rudolph Louis: The gross anatomy and histology of the thoracic nervous system of the adult American cockroach, (*Periplaneta americana* (L.)).
University of Minnesota. 148 p. 1959.
DA, 20, 2452; 1959.
- PISTRY, Warren Robert: Studies on the mosquito transmission of *Dirofilaria tenuis* CHANDLER 1942.
The University of Connecticut. 103 p. 1957.
DA, 17, 2128; 1957.
- PRASAD, Shree Krishna: The nature and extent of damage to crucifers and potatoes in relation to density of insect populations.
University of Minnesota. 214 p. 1957.
DA, 17, 2717; 1957.
- PRUESS, Kenneth Paul: Studies on the clover root borer, *Hylastinus obscurus* (MARSHAM).
The Ohio State University. 198 p. 1957.
DA, 17, 2339–2340; 1957.
- PRYOR, Madison E.: Some environmental features of Hallett Station, Antarctica, with special reference to soil arthropods.
The University of Tennessee. 121 p. 1961.
DA, 22, 3308; 1962.
- QUAIOT, Erlinda Rosario: An investigation of growth, development and dimorphism in cockroaches (Orthoptera: Blattellidae).
Kansas State University. 98 p. 1961.
DA, 22, 950; 1961.
- QUINTON, Richard John: A study of DDT resistance in the Colorado potato beetle, *Leptinotarsa decemlineata* SAY.
Cornell University. 108 p. 1955.
DA, 16, 411; 1956.
- QUIST, John A.: A revision and variation analysis of *Euparyphus* and related genera (Stratiomyidae: Diptera).
State College of Washington. 104 p. 1958.
DA, 19, 607; 1958.
- RASHAD, Salah El-Din: Some factors affecting pollen collection by honeybees and pollen as a limiting factor in brood rearing and honey production.
Kansas State College. 94 p. 1957.
DA, 17, 1435; 1957.
- RAY, David T.: X-ray dose-action curves for eye-color mutations in *Mormoniella*.
University of Pennsylvania. 61 p. 1955.
DA, 15, 1706; 1955.
- RAI, Lallan: The effects of temperature and piperonyl butoxide on the action of malathion in DDT susceptible and resistant houseflies, *Musca domestica* (L.).
Kansas State College. 64 p. 1956.
DA, 16, 2565; 1956.
- REFAI, Fawzy Yousef: Some biochemical factors involved in the resistance of the wheat plant to attack by the hessian fly.
Kansas State College. 80 p. 1955.
DA, 15, 1714; 1955.

- REID, Arthur Lewis: An histological study of the effect of insecticides on the mitochondria and golgi apparatus of the thoracic ganglion of the cockroach, *Periplaneta americana* (LINN.).
Rutgers University. 62 p. 1955.
DA, 15, 2607; 1955.
- REITAN, Phillip Jennings: A study of the developmental effects of some embryonic lethal mutations in *Drosophila melanogaster*.
The University of Wisconsin. 146 p. 1958.
DA, 18, 1163; 1958.
- RENNELS, Robert Gossett: The natural history of the Zimmerman pine moth (*Dioryctria zimmermani* [GROTE]).
University of Michigan. 76 p. 1959.
DA, 20, 1514; 1959.
- RICHARDS, William Robin: Evolution and classification of the Sminthuridae (Collembola).
University of Illinois. 116 p. 1956.
DA, 16, 1755; 1956.
- RIDGWAY, Richard Lee: Studies of the biology and economic importance of the tarnished plant bug, *Lygus lineolaris* (P. DE B.) in relation to birdsfoot trefoil seed production.
Cornell University. 135 p. 1960.
DA, 21, 1681; 1961.
- RIEGERT, Paul William: The humidity reactions of grasshoppers.
University of Illinois. 99 p. 1954.
DA, 14, 2166; 1954.
- RIEMANN, John George: A study of the hackberry gallmaker genus *Pachypsylla* (Homoptera: Psyllidae).
The University of Texas. 318 p. 1961.
DA, 22, 2117—2118; 1961.
- RILEY, George Bernard: Studies of the taxonomy and control of Thysanoptera infesting corn in Mexico.
The Ohio State University. 94 p. 1957.
DA, 17, 2340; 1957.
- ROBERTS, Richard Harris: The biology and taxonomy of Wisconsin Tabanidae.
The University of Wisconsin. 208 p. 1956.
DA, 16, 1970; 1956.
- ROBERTS, Shepherd K.: Circadian activity rhythms in cockroaches.
Princeton University. 124 p. 1959.
DA, 20, 3805; 1960.
- ROBERTSON JR., Richard S.: Epidemiology of bean mosaic diseases in South Central Washington.
State College of Washington. 113 p. 1959.
DA, 20, 2978—2979; 1960.
- RODDY, Leon Ramon: A morphological study of the respiratory horns associated with the puparia of some Diptera, especially *Ophyra anescens* (WIED.).
The Ohio State University. 46 p. 1953.
DA, 20, 426—427; 1959.
- ROLSTON, Lawrence Hubert: The southwestern corn borer in Arkansas.
The Ohio State University. 75 p. 1955.
DA, 16, 819—820; 1956.
- ROTH, Edwin Neal: The synthesis and evaluation of new insecticides.
Purdue University. 108 p. 1952.
DA, 17, 473; 1957.
- ROTHFUS, John Arden: Sphingolipides: the degradation of cerebroside, studies on lipides from *Bombyx mori* pupa.
University of Illinois. 147 p. 1960.
DA, 20, 4512; 1960.
- RUDINSKY, Julius Alexander: Effect of some environmental factors upon development of immature stages of *Aedes aegypti* (LINNAEUS).
The Ohio State University. 102 p. 1953.
DA, 18, 1163—1164; 1958.
- RUPPEL, Robert Frank: The Typhlocybinae of Mexico (Homoptera: Cicadellidae).
The Ohio State University. 180 p. 1952.
DA, 18, 1164—1165; 1958.
- RYAN, Roger Baker: A biological and developmental study of *Coeloides brunneri* VIER., a parasite of the douglas-fir beetle, *Dendroctonus pseudotsugae* HOPK.
Oregon State University. 184 p. 1961.
DA, 22, 1308—1309; 1961.

- SANDLER, Laurence Marvin: Studies of chromosome behavior in *Drosophila melanogaster*.
University of Missouri. 132 p. 1956.
DA, 16, 2287—2288; 1956.
- SANJEAN, John: Taxonomic studies of Sarcophaga larvae of New York with notes on the adults.
Cornell University. 158 p. 1954.
DA, 15, 11; 1955.
- SAUL ZND, George Brandon: The induction by X-rays of recessive lethals in the mature sperm of *Mormoniella vitripennis* (WALKER).
University of Pennsylvania. 61 p. 1954.
DA, 14, 1296; 1954.
- SAVOS, Milton George: The bionomics of the Garden Symphylid, *Scutigerella immaculata* (NEWPORT).
Oregon State College. 98 p. 1958.
DA, 19, 916—917; 1958.
- SCHALET, Abraham P.: A study of spontaneous visible mutations in *Drosophila melanogaster*.
Indiana University. 90 p. 1960.
DA, 21, 1000; 1960.
- SCHARFF, Donald Kenneth: Ecology of the migratory grasshopper (*Melanoplus bilituratus*) on Montana grasslands.
University of Minnesota. 164 p. 1961.
DA, 22, 4124—4125; 1962.
- SHEEL JR., Carl Alfred: The feeding and nutrition of certain Hemiptera and Homoptera.
The University of Wisconsin. 83 p. 1957.
DA, 17, 883; 1957.
- SCHENK, John Albright: A biological and ecological study of the *Ips* beetles attacking jack pine in central Wisconsin with a tentative classification of susceptible trees.
The University of Wisconsin. 145 p. 1961.
DA, 21, 3578; 1961.
- SCHLEICHER, Joseph Bernard: Immunological detection of insect infestation in wheat and physical characterization of the extracted insect proteins.
Kansas State University. 77 p. 1961.
DA, 22, 710—711; 1961.
- SCHRAM, Alfred Christian: Part I. Studies on the nutrition of *Drosophila melanogaster* larvae. Part II. Studies on the inhibition of yeast by P-aminobenzoic acid.
The University of Texas. 80 p. 1958.
DA, 20, 2536; 1960.
- SCHUDER, Donald Lloyd: Bionomics and controls for certain scale insects (Coccoidea, Homoptera).
Purdue University. 179 p. 1957.
DA, 17, 2099—2100; 1957.
- SCHUELLEN, Robert Joseph: Evidence of chromosomal adaptive polymorphism in *Drosophila persimilis*: rates of development and relative survival among gene arrangement carriers.
University of Pittsburgh. 98 p. 1956.
DA, 16, 1321—1322; 1956.
- SCHWARTZ, Joyce Blicher: Anaerobic metabolism of *Crithidia fasciculata*.
State University of Iowa. 34 p. 1958.
DA, 18, 2271—2272; 1958.
- SCHWERTFEGER, Merlin Herman: Response of stably flies in a newly developed olfactometer.
The University of Wisconsin. 48 p. 1957.
DA, 17, 2718; 1957.
- SCOTT, H. E.: The biology and control of the carrot rust fly, *Psila rosae* (F.).
Cornell University. 1952.
- SCOTT, Harold George: The Collembola of New Mexico with especial reference to the north-central part of the state.
The University of New Mexico. 409 p. 1957.
DA, 17, 2340; 1957.
- SELANDER, Richard Brent: Evolution of the Meloidae.
University of Illinois. 92 p. 1954.
DA, 14, 1859—1860; 1954.
- SERRA, Pasquale Richard: Granular insecticide carriers. A study of some physical and chemical properties influencing stability and effectiveness of insecticidal formulations.
Rutgers University. 177 p. 1957.
DA, 17, 2741; 1957.
- SHALABY, Abdel Salam Mahmoud: A study of the mouth parts of certain mosquito larvae and their importance in taxonomy (Diptera: Culicidae).

- University of Illinois. 480 p. 1954.
DA, 14, 1009; 1954.
- SHAMBLAUGH, George Franklin: The stimulatory effect of various foods on proteolytic digestion in adult *Aedes aegypti* LINN.
The Ohio State University. 45 p. 1953.
DA, 20, 428; 1959.
- SHANKLAND, Daniel Leslie: Toxins other than DDT in the blood of DDT-poisoned *Periplaneta* and *Limulus*.
University of Illinois. 59 p. 1955.
DA, 16, 366; 1956.
- SHEPHERD, Roy Frank: Distribution of the Black Hills beetle over the host tree and factors controlling the attraction and behavior of the adult.
University of Minnesota. 123 p. 1960.
DA, 21, 1001; 1960.
- SHOREY, Harry Haslam: The effects of soil temperature and moisture on the survival, vertical distribution, and rate of development of the European chafer, *Amphimallon majalis* (RAZOUKOWSKY).
Cornell University. 123 p. 1959.
DA, 20, 2455; 1959.
- SIKOTOS, Aristotle Nicholas: An investigation of the conjugated plasma proteins of the American cockroach.
Cornell University. 147 p. 1958.
DA, 19, 2377; 1959.
- SIMEONE, John Babbista: Observations on *Hadrobregmus carinatus* (SAY) and other wood-feeding Anobiidae (Coleoptera) in the northwestern United States.
Cornell University. 189 p. 1960.
DA, 21, 2060; 1961.
- SIMPSON, Robert Gene: Biology and evaluation of certain predators of the spotted alfalfa aphid *Therioaphis maculata* (BUCKTON).
Kansas State University. 74 p. 1959.
DA, 20, 1109; 1959.
- SINHA, Shiva Shankar Prasad: Plant maturity as an index for timing spray applications for corn insect control.
University of Missouri. 167 p. 1961.
DA, 22, 1329; 1961.
- SIPPELL, William Lloyd: A study of the forest tent caterpillar, *Malacosoma disstria* HBN., and its parasite complex in Ontario.
University of Michigan. 158 p. 1957.
DA, 18, 1549; 1958.
- SLEEPER, Elbert Launce: The snout beetles of Ohio (Coleoptera, Curculionoidea).
The Ohio State University. 545 p. 1956.
DA, 16, 2249–2250; 1956.
- SMITH, Dean Seyward: The utilization of food plants by the grasshopper, *Melanoplus mexicanus mexicanus* (SAUSS.).
University of Minnesota. 51 p. 1958.
DA, 19, 2695; 1959.
- SMITH, Lois Kathleen: A revision of the subfamily Orthocentrinae (Ichneumonidae, Hymenoptera) of America North of Mexico.
The University of Wisconsin. 415 p. 1958.
DA, 18, 2272; 1958.
- SMITH, Maurice Vernon: Some aspects of development and differentiation in the female of the honey bee (*Apis mellifera* L.), and its use as a test animal to assess the biological activity of royal jelly.
Cornell University. 109 p. 1957.
DA, 17, 2359; 1957.
- SMITH, Omar Ewing: Control of the European corn borer with the fungi, *Metarrhizium anisopliae* and *Beauveria bassiana*.
Iowa State University of Science and Technology. 92 p. 1961.
DA, 22, 686; 1961.
- SPANGLER, Paul Junior: A revision of the genus *Tropisternus* (Coleoptera: Hydrophilidae).
University of Missouri. 372 p. 1960.
DA, 21, 278; 1960.
- SPECHT, Harold Balfour: The effects of certain orchard chemical sprays on insects and mite populations and a survey of predaceous mites belonging to the genus *Typhlodromus* (Phytoseiidae) in New Jersey.
Rutgers University. 172 p. 1960.
DA, 20, 4227; 1960.

- SPINK, William Thomas: The biology and control of the ground pearl *Eumargarodes laingi* JAK. with some biological notes on *Margarodes meridionalis* MORR. (Homoptera: Coccoidea — Margarodidae).
North Carolina State College. 87 p. 1958.
DA, 19, 3063; 1959.
- SPRINGER, Paul Frederick: The effects on wildlife of applications of DDT and other insecticides for larval mosquito control in tidal marshes of the eastern United States.
Cornell University. 197 p. 1961.
DA, 22, 1777; 1961.
- SRINIVAS DASS, Chunchinakatte Melkote: Submicroscopic organization of mitochondria and nucleus during spermatogenesis in the grasshoppers, *Chorthippus curtipennis* (HARRIS), *Chorthippa viridifasciata* (DEGEER) and *Romalea microptera* (BEAUVOIS).
The University of Wisconsin. 148 p. 1958.
DA, 18, 2272 — 2273; 1958.
- SRIVASTAVA, Brij Kumar: Insecticides as seed protectants of the important cereals of Kansas.
Kansas State College. 81 p. 1955.
DA, 15, 1288; 1955.
- STAHL, John Benton: The developmental history of the Chironomid and Chaoborus faunas of Myers Lake, and the relationship of these faunas to microlaminariae in the sediments.
Indiana University. 152 p. 1958.
DA, 19, 2415; 1959.
- STANDIFER, Lonnie Nathaniel: Laboratory studies on the toxicity of selected chlorinated hydrocarbon and phosphate chemicals to third instar larvae of the house fly, *Musca domestica* LINN.
Cornell University. 111 p. 1954.
DA, 15, 174; 1955.
- STEINHAUER, Allen Laurence: Factors affecting the protein and free amino acid composition of blood of the American cockroach, *Periplaneta americana* (LINNAEUS).
Oregon State College. 119 p. 1958.
DA, 19, 917 — 918; 1958.
- STEVENS, Thomas M.: The occurrence of hyaluronidases in insects and considerations of their rôle in *Periplaneta americana*.
Rutgers University. 86 p. 1957.
DA, 17, 2410 — 2411; 1957.
- STEVENSON, Allison Bennett: A study of the aphid transmission and field spread of potato virus y in Wisconsin.
The University of Wisconsin. 123 p. 1959.
DA, 19, 2711 — 2712; 1959.
- STOCKTON, William Dennis: A review of the nearctic species of the genus *Hyperodes* JEKEL (Coleoptera: Curculionidae).
Cornell University. 135 p. 1956.
DA, 17, 191 — 192; 1957.
- STRONG, Frank Edward: The bionomics and control of the seed-corn maggot *Hylemya cilicrura* (RONDANI) on field crops.
The University of Wisconsin. 163 p. 1958.
DA, 18, 1923 — 1924; 1958.
- STRONG, Rudolph Greer: Control of the six-spotted leafhopper, *Macrosteles fascifrons* (STÅL), a vector of lettuce-yellows virus.
Cornell University. 131 p. 1956.
DA, 16, 1745; 1956.
- SWIFT, Fred Calvin: A manometric assay for DDT-Dehydrochlorinase and its application to the investigation of the, in vitro metamolism of DDT, TDE, and Methoxychlor by the Mexican bean beetle and resistant house fly.
Rutgers University. 84 p. 1958.
DA, 19, 221; 1958.
- TABOADA, Oscar: The leafhoppers of Michigan excluding the subfamilies Athysaninae and Cicadellinae (Homoptera Cicadellidae).
Michigan State University. 173 p. 1957.
DA, 20, 1495; 1959.
- TEPPERT SR., William Allan: Determination of free amino acids in the developing grasshopper egg of *Melanoplus differentialis*.
State University of Iowa. 78 p. 1958.
DA, 18, 2274; 1958.
- THOMPSON, Leith Stanley: Studies pertaining to the six-spotted leafhopper in relation to transmission of lettuce-yellows virus in New York.
Cornell University. 113 p. 1961.
DA, 22, 2921 — 2922; 1962.

- THOMPSON, Peter Ervin: The effect of some autosomal inversions on lethal mutation in *Drosophila melanogaster*.
The University of Texas. 80 p. 1959.
DA, 20, 2508; 1960.
- THROCKMORTON, Lynn Hiram: Comparative chromatography of *Drosophila* species and other species of Diptera.
The University of Texas. 169 p. 1959.
DA, 20, 2980; 1960.
- THURMAN, Ernestine Hogan Basham: A contribution to a revision of the Culicidae of Northern Thailand (Diptera: Culicidae).
University of Maryland. 372 p. 1958.
DA, 20, 1110; 1959.
- TINKER, Milton Elliott: Effect of DDT on the bionomics of Putnam scale, *Aspidiotus ancyllus* (PUTN.) (Hemiptera, Coccidae).
University of Illinois. 73 p. 1957.
DA, 17, 2721; 1957.
- TOKO, Harvey Verner: Some relationships of insect vectors to isolates of the cereal yellow-dwarf virus.
State College of Washington. 48 p. 1957.
DA, 18, 19—20; 1958.
- TRAMA, Francesco Biagio: The transformation of energy by an aquatic herbivore *Stenonema pulchellum* (Ephemeroptera).
University of Michigan. 89 p. 1957.
DA, 18, 2275; 1958.
- TRAVIS, Robert Victor: The effect of some environmental factors on the feeding behavior of *Myzus persicae* (SULZ.) in relation to the transmission of cardinal mosaic virus.
University of Maryland. 73 p. 1961.
DA, 22, 2118—2119; 1961.
- TREECE, Robert Eugene: The rôle of systemic insecticides in the control of insect pests of woody ornamental plants.
Cornell University. 170 p. 1957.
DA, 17, 2100—2101; 1957.
- TRIPATHI, Ram Lakhan: Interspecific competition between rice weevil, *Sitophilus oryza* (LINN) and granary weevil, *Sitophilus granarius* (LINN).
University of Minnesota. 109 p. 1959.
DA, 20, 2457; 1959.
- TRIPLEHORN, Charles Albert: A revision of the Diaperini of America North of Mexico, with notes on extralimital species (Coleoptera: Tenebrionidae).
Cornell University. 183 p. 1957.
DA, 18, 1549—1550; 1958.
- TROGDON, Richard Page: A survey of the adult Odonata of Tennessee.
The University of Tennessee. 273 p. 1961.
DA, 22, 4447; 1962.
- TSAO, Ching-hsi: Quantitative effects of diet, age, temperature and humidity on the cuticles of five representative species of insects.
University of Minnesota. 69 p. 1951.
DA, 12, 236; 1952.
- TULLIS, James Earl: A maternally transmitted „sex-ratio“ condition in *Aedes aegypti* (L.).
The Ohio State University. 48 p. 1961.
DA, 22, 3355—3356; 1962.
- TURNIPSEED, Samuel Guy: Some factors influencing oviposition and incubation of eggs of the tobacco wireworm, *Conoderus vespertinus* (F.).
North Carolina State College. 90 p. 1961.
DA, 22, 3789; 1962.
- TURNOCK, William James: Emergence of the larch sawfly, *Pristiphora erichsonii* (HARTIG) in relation to soil temperature and weather patterns.
University of Minnesota. 133 p. 1959.
DA, 20, 1913—1914; 1959.
- TUTTLE, Everett Leroy: Studies of the effect of nutrition on survival and oviposition of laboratory reared stable flies, *Stomoxys calcitrans* L.
Rutgers University. 78 p. 1961.
DA, 22, 1334; 1961.
- ULLRICH, Donald Edwin: A study of combinations of insecticides for the control of three apple pests in western New York.
Cornell University. 143 p. 1955.
DA, 15, 947—948; 1955.

- VALENTINE, Barry Dean: The taxonomy and zoogeography of the Anthribid weevils of the West Indies. Cornell University. 182 p. 1960.
DA, 21, 3900; 1961.
- VARZANDEH, Massoud: Resistance to insecticides as a factor influencing the life cycle of the house fly *Musca domestica* L. University of Illinois. 76 p. 1953.
DA, 13, 1317—1318; 1953.
- WALKER, David Whitman: An evaluation of various methods of controlling insects infesting stored grains. State College of Washington. 161 p. 1959.
DA, 19, 3427—3428; 1959.
- WALKER JR., Thomas Jefferson: Studies on the acoustical behavior and taxonomy of the tree crickets (Orthoptera: Oecanthinae) of the eastern United States. The Ohio State University. 296 p. 1957.
DA, 18, 1168; 1958.
- WARE JR., George Whitaker: The relation of the structure of a series of cholinesterase inhibiting insecticides to synergism and antagonism with piperonyl butoxide on the housefly, *Musca domestica* (L.). Kansas State College. 57 p. 1957.
DA, 17, 704—705; 1957.
- WATKINS, Margaret Jean: Interferometric measurements of the chromosomal mass in a grasshopper. University of Minnesota. 94 p. 1959.
DA, 20, 4223—4224; 1960.
- WATTAL, Bansil Lal: The influence of different numbers of insects on mortality produced by insecticides, as shown with *Tribolium* spp., and *Aedes aegypti* L. University of Minnesota. 110 p. 1952.
DA, 12, 406—407; 1952.
- WATTS, John Gordon: Crop sensitivity to accumulations in the soil of insecticides employed for cotton insect control. The Ohio State University. 110 p. 1956.
DA, 16, 1992; 1956.
- WAVE, Herbert Edwin: The biology of the foxglove aphid, *Myzus solani* (KLT.), in northeastern Maine with observations on its host plants, distribution, and mode of overwintering in New Jersey. Rutgers University. 96 p. 1961.
DA, 22, 1369; 1961.
- WEAVER, Andrew Albert: Calcium oxalate crystals in the cuticle of insect larvae, with special reference to *Anisota senatoria* (A. & S.) (Lepidoptera). The University of Wisconsin. 109 p. 1955.
DA, 16, 413; 1956.
- WEBB, Frank Ernest: An ecological study of the larch casebearer, *Coleophora laricella* HBX. (Lepidoptera: Coleophoridae). University of Michigan. 224 p. 1953.
DA, 13, 616—617; 1953.
- WEEKS, Leo: Studies on the subspecies *Drosophila melanica melanica* and *Drosophila melanica paramelanica*. University of Nebraska. 46 p. 1954.
DA, 14, 1132—1133; 1954.
- WEEMS JR., Howard Vincent: The syrphid flies of southeastern United States (Diptera: Syrphidae). The Ohio State University. 636 p. 1953.
DA, 19, 2195—2196; 1959.
- WEIDEN, Mathias H. J.: An introduction to acetate metabolism in insects: the fate of sulfanilamide and of several N-acetylated arylamines in the roach. Cornell University. 48 p. 1954.
DA, 15, 144; 1955.
- WELTMAN, Abraham Stanley: A study of crossing over in attached-X chromosomes of *Drosophila melanogaster*. University of Missouri. 203 p. 1956.
DA, 17, 218—219; 1957.
- WENNER, Adrian M.: Sound production during the waggle dance of the honey bee. University of Michigan. 97 p. 1961.
DA, 21, 3901—3902; 1961.
- WESSEL, Richard Deaton: A study of some ecological factors which affect the behavior of the Japanese beetle in Ohio. The Ohio State University. 190 p. 1951.
DA, 18, 1908—1909; 1958.
- WESSLING, Wolfgang Heinrich: Genotypic reactions to boll weevil attack in upland cotton. North Carolina State College. 67 p. 1958.
DA, 19, 26; 1958.

- WEST, William Lionel: Studies on the cytochrome system during the development of the embryo of the grasshopper, *Melanoplus differentialis*.
State University of Iowa. 46 p. 1955.
DA, 15, 1683—1684; 1955.
- WESTER, Clifford: *Mirabilis nyctaginea* (MICHAUX) MACMILLAN and certain insects as a microcommunity.
University of Illinois. 150 p. 1954.
DA, 15, 175—176; 1955.
- WHITE, Richard Hamilton: Analysis of the development of the compound eye in the mosquito, *Aedes aegypti* L.
Washington University. 113 p. 1961.
DA, 22, 4447—4448; 1962.
- WILKINSON JR., Robert Cleveland: The biology and ecology of the *Neodiprion virginianus* complex in Wisconsin.
The University of Wisconsin. 153 p. 1961.
DA, 22, 2119; 1961.
- WILLIAMS, Robert Ellis: The effect of coloration of oviposition media with regard to the mosquito *Aedes triseriatus* (SAY).
The Ohio State University. 37 p. 1961.
DA, 22, 2523—2524; 1962.
- WILLIAMSON, David Lee: Carbon dioxide sensitivity in *Drosophila affinis* and *Drosophila athabasca*.
The University of Nebraska. 71 p. 1959.
DA, 20, 1914—1915; 1959.
- WILSON, Billy Ray: A study of the chemical components of the egg shell of *Drosophila melanogaster*.
Rutgers University. 75 p. 1960.
DA, 20, 4267; 1960.
- WILSON, Nixon Albert: The ectoparasites (Ixodides, Anoplura and Siphonaptera) of Indian mammals.
Purdue University. 548 p. 1961.
DA, 22, 2135; 1962.
- WILSON, Victor Joseph: Neuromuscular transmission in the cockroach, *Periplaneta americana* (L.).
University of Illinois. 73 p. 1953.
DA, 13, 1238—1239; 1953.
- WOLFENBARGER, Dan: Resistance of beans (*Phaseolus*, *Glycine max*, *Vigna sinensis*, *Vicia faba*, and *Dolichos lablab*) to the Mexican bean beetle and the potato leafhopper.
The Ohio State University. 145 p. 1961.
DA, 22, 686—687; 1961.
- WORKMAN JR., Ralph Burns: The biology of the onion maggot, *Hylemya antiqua* (MEIGEN), under field and greenhouse conditions.
Oregon State College. 90 p. 1958.
DA, 19, 918; 1958.
- WRIGHT, Charles Gerald: Biology and control of the southern lyctus beetle, *Lyctus planicollis* LECONTE (Coleoptera' Lyctidae).
North Carolina State College. 121 p. 1958.
DA, 19, 3064—3065; 1959.
- WRIGHT, John McMASTER: An investigation into the biology and control of the carrot weevil, *Listronotus oregonensis* (LECONTE).
University of Illinois. 65 p. 1953.
DA, 13, 1318; 1953.
- WYK, Jesse Huggett van: A study of relationships between the confused flour beetle (*Tribolium confusum* DUVAL) and associated microorganisms in flour and wheat.
University of Minnesota. 87 p. 1958.
DA, 19, 2697; 1959.
- YAMAMOTO, Robert Takaichi: The specificity of the tobacco hornworm, *Protoparce sexta* (JOHAN.) to solanaceous plants.
University of Illinois. 64 p. 1957.
DA, 17, 2722; 1957.
- YORK, George Theron: Control of the European corn borer with the fungus, *Beauveria bassiana* and the bacterium *Bacillus thuringiensis*.
Iowa State College. 87 p. 1958.
DA, 19, 397—398; 1958.
- YOSHIMOTO, Carl Masaru: The biology of the nearctic spider wasps (Hymenoptera, Pompilidae).
Cornell University. 317 p. 1955.
DA, 16, 603—604; 1956.

- YOUNG, E. L.: A study of the inheritance of diapause in *Anthonomus grandis* BOH.
Louisiana State University. 1961.
- YOUNG, Joseph Hardie: Embryology of the mouthparts of Anoplura.
Stanford University. 51 p. 1954.
DA, 14, 572—573; 1954.
- YOUNG, Phillip Lee: Studies on the transmission of helminth ova by cockroaches.
University of Illinois. 66 p. 1961.
DA, 22, 1760; 1961.
- ZAHARIS, John Louis: Pigmented microorganisms occurring with house fly cultures and their relationship to two house fly strains.
Kansas State University. 39 p. 1960.
DA, 21, 712; 1960.
- ZEVY, Victor Henry: The comparative external morphology of *Trichobius corynorhini* COCKERELL, *T. major* COQUILLETT and *T. sphaeronotus* JOBLING (Diptera, Streblidae).
Oklahoma State University. 173 p. 1961.
DA, 23, 368—369; 1962.
- ZIMMERING, Stanley: Crossing over and disjunction in a translocation in *Drosophila melanogaster*.
University of Missouri. 139 p. 1953.
DA, 13, 1318—1319; 1953.
- ZIMMERMAN, James Roscoe: Studies on seasonal distribution, habitat, and interspecific competition in the genus *Laccophilus* (Coleoptera: Dytiscidae).
Indiana University. 90 p. 1957.
DA, 17, 2342; 1957.

Zusammenfassung

Die vorliegende Arbeit beinhaltet ein Verzeichnis über entomologische Dissertationen die in den Jahren 1952—1961 von Universitäten der U.S.A. angenommen wurden. Die Titel wurden größtenteils den „Dissertation Abstracts“ (University Microfilms, Inc., Ann Arbor) entnommen.

Summary

There are recorded entomological dissertations accepted by universities of the U.S.A. between 1952 and 1961. The titles were chiefly taken from the “Dissertation Abstracts” (University Microfilms, Inc., Ann Arbor).

Резюме

Предлагаемая работа содержит список диссертаций по энтомологии, принятых университетами США за 1952—1961 гг. Заглавия диссертаций взяты в основном из „Dissertation Abstracts“ (University Microfilms, Inc., Ann Arbor).

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Zeitschrift/Journal: [Beiträge zur Entomologie = Contributions to Entomology](#)

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Autor(en)/Author(s): Grünke Erhard K.

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