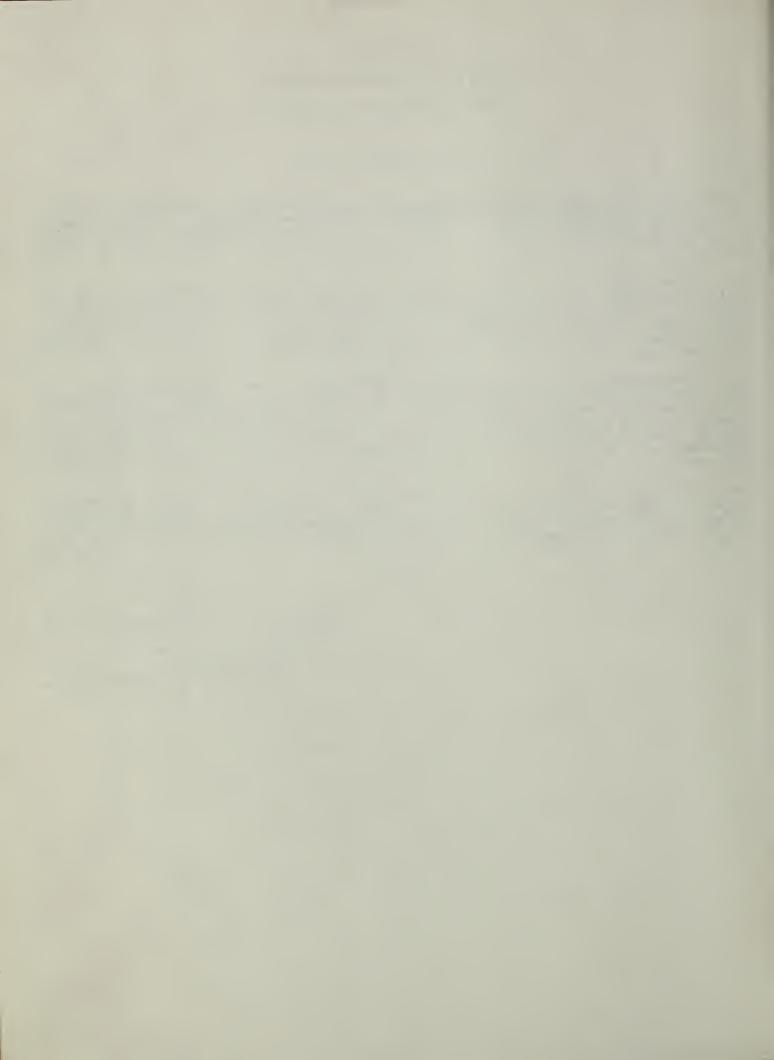
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PESTICIDES DOCUMENTATION BULLETIN

A BI-WEEKLY PUBLICATION OF

U. S. DEPARTMENT OF AGRICULTURE

Volume 4

March 1, 1968

Number 5

OBJECTIVES AND SCOPE

The Pesticides Documentation Bulletin is compiled by the Pesticides Information Center, the first of its kind to be established within a national library, It is a bi-weekly index to the literature on pests and their control and the impact on the economy and man's total environment. The index includes literature on diseases, insects, nematodes, parasites, weeds, and other pests affecting plants, animals, man, our natural resources, and other values in man's environment. Literature on biological, chemical, cultural ecological, mechanical, and integrated methods of pest control will be included. Special emphasis is given to the literature on the toxicological, physiological and epidemiological aspects of pests and their control by chemical and nonchemical methods.

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The <u>Bulletin</u> is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

- 10 Entomology
- 20 Crop Protection
- 30 Livestock Protection 40 Commodity Protection
- 50 Environmental Contamination
- 55 Residues
- 60 Toxicology
- 65 Plant Physiology & Biochemistry
- 70 Chemistry
- 80 Engineering
- 90 Industry

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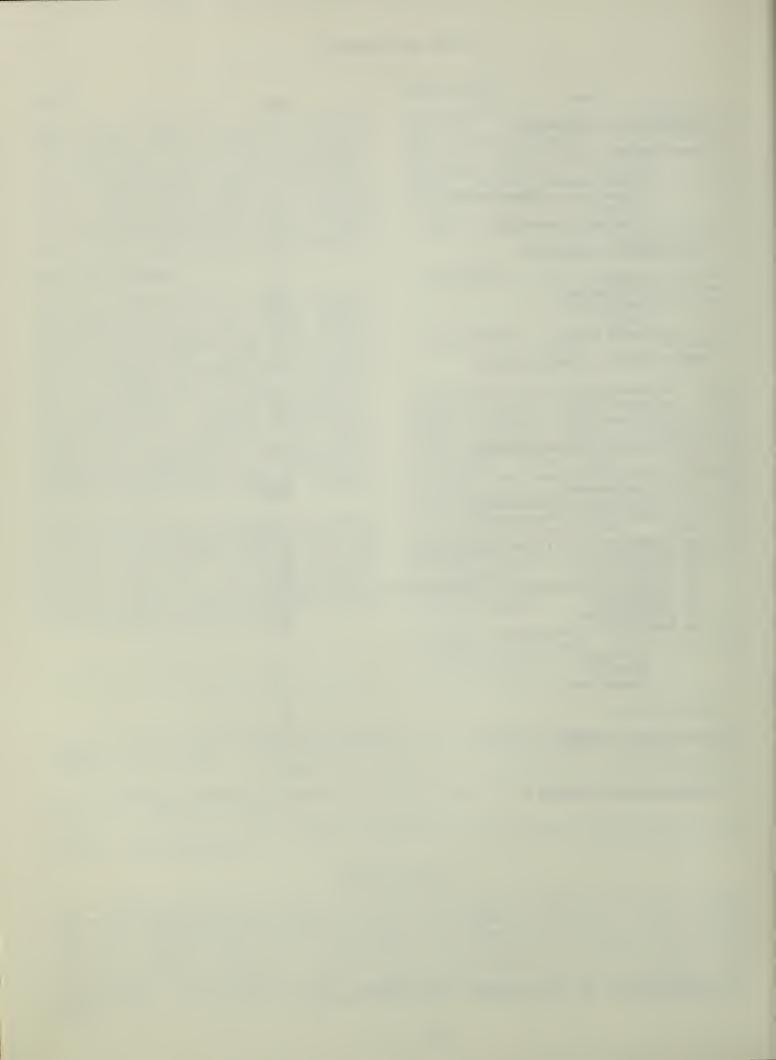
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TABLE OF CONTENTS

Index	Page
BIBLIOGRAPHY (Citations)	
10 ENTOMOLOGY	1
Systematics Physiology and Biochemistry Genetics Medical Entomology	1 8 13 13
20 CROP PROTECTION	15
Diseases Arthropods Nematodes Weeds Other Pests	16 20 23 23 24
30 LIVESTOCK PROTECTION	25
Diseases Arthropods Parasites	25 38 39
40 COMMODITY PROTECTION	41
Storage Diseases Arthropods Rodents and Other Pests Microbial Contamination	41 41 * 41
50 ENVIRONMENTAL CONTAMINATION 55 RESIDUES 60 TOXICOLOGY 65 PLANT PHYSIOLOGY AND BIOCHEMISTRY 70 CHEMISTRY 80 ENGINEERING 90 INDUSTRY	42 42 44 46 48 50 51
Economics Education Regulations	51 * 51
SUBJECT INDEX	53
BIOGRAPHICAL INDEX	135
AUTHOR INDEX	137
ORGANIZATIONAL INDEX	143

^{*} This issue does not contain citations under this category.



5431-68

10 ENTOMOLOGY

5423-68

NATURE OF INDUCED ATTACKS BY THE BLACK HILLS BEETLE, DENDROCTONUS PONDEROSAE COLEOPTERA, SCOLYTIDAE).

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PRE-IMPOUNDMENT STUDY.
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Rhagoletoides, Spilographa, Tephritis, Tetreuaresta,
Trupanea, Trypeta, Urellia.
  Gerridae, Insect taxonomy, Water-strider.
5464-68
  THE ROCKY MOUNTAIN SPECIES OF EPEORUS (IRON) EATON
  (EPHEMEROPTERA: HEPTAGENTIDAE).

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FROM THATLAND.
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                                                                                            5476-68
                                                                                               NOTES ON THE WALKER TYPES OF NEW WORLD TEPHRITIDAE
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Arborophila charltonii, Birds, Insect taxonomy, Menoponidae,
                                                                                               (DIPTERA) .
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                                                                                                 H Foote
                                                                                               Kans Entomol Soc J 37 (4):316-326, 26 REFS.
5466-68
                                                                                               Oct 1964 420 K13
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                                                                                               Insect taxonomy, Tephritis, Trypeta.
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                                                                                               THE GENUS CERALEPTUS COSTA IN THE WESTERN HEMISPHERE (HEMIPTERA: COREIDAE).
  Neofelicola, Philippine Islands.
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                                                                                               Kans Entomol Soc J 36(2):109-113, 6 REFS.
Apr 1963 420 K13
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                                                                                               Ceraleptus, Insect morphology, Insect taxonomy.
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Insect identification, Mallophaga, Physconelloides, Texas.
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                                                                                               ENTOMOLOGICAL NOTES FROM THE ALOHA STATE.
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                                                                                               COMPARATIVE SUITABILITY OF THE FOUR MURINE RODENTS OF
                                                                                               HAWAII AS HOSTS FOR XENOPSYLLA VEXABILIS AND X. CHEOPIS
5472-68
  POST-ECLOSION SHEDDING OF A MEMBRANE BY ONCOPELTUS FASCIATUS (DAL.) (HEMIPTERA: LYGAEIDAE).
                                                                                               (SIPHONAPTERA) .
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                                                                                            5483-68
                                                                                               NEW SPECIES OF THE GENUS NEMOTELUS FROM THE WESTERN UNITED STATES (DIPTERA: STRATIOMYIDAE).
   NOTES ON THE GENUS EULEIA WALKER IN NORTH AMERICA
   (CIPTERA: TEPHRITIDAE) .
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                                                                                               OCCURRENCE AND RELATIVE ABUNDANCE OF CERTAIN NOCTUID MOTHS IN NORTHWEST ARKANSAS, FALL, 1957.
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5498-68

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Acronyches, Asilidae, Asilus, Atomosia, Beameromyia,
Bombomina, Ceraturgus, Cerotainiops, Cormansis, Dasypogon,
Dizonias, Efferia, Eicherax, Erax, Euscelidia,
Insect taxonomy, Lampria, Laphria, Leptogaster, Metapogon,
Microstylum, Nemochtherus, Ommatius, Panamasilus,
Philonicus, Proctacanthus, Promachina, Promachus, Psilonyx,
Schildia, Shannomyioleptus, Smerynolaphria, Taracticus.
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  M D Leonard
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   NEW MYRMECOPHILUS MILLIPEDS FROM BARRO COLORADO ISLAND,
  CANAL ZONE, AND MEXICO.
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Psychodidae.

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M H Muma
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Insect taxonomy, Phytoseiidae.

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JR Munsee
Diss Abstr Sect B 27 11) 03980B
May 1967 Z5055.049053
Formica rubicunda, Insect ecology, Leptothorax muscorum,
Myrmica emeryana, Smithistruma filitalpa,
Stenamma meridonale, Sysphincta pergandei.

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NEW BAT CHIGGERS FROM THAILAND AND THE SOLOMON ISLANDS WITH NOTES ON THE SUBGENUS SASATROMBICULA VERCAMMENGRANDJEAN (ACARINA: TROMBICULIDAE).

M. Nadchatram C. J. Mitchell
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Biology, Insect taxonomy.

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Bombyliidae, Diptera, Insect identification.

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R H Painter E M Painter
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California, Coleoptera, Coreopsomela, Insect identification.

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A Peterson
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Insect eggs, Microlepidoptera.
Eggs of 24 species in 11 families described and photographed 5540-68
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T W Porter
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Hebrus, Hemiptera, Insect identification.

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JA POWell J A Chemsak
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Insect biology, Philanthus, Sphecidae.

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M L Frebble
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Biological control (insects), Forest insects.

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R D Price J R Beer
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Insect morphology, Strigiformes.

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TYPE SPECIMENS OF PHLEBOTOMUS PERTURBANS DE MEIJERE.
L W Quate
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Insect taxonomy.

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F J Radovsky E P Catts
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Cuterebra, Insect biology.

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Insect control, Solenopsis.

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AN ANOMALOUS SPECIMEN OF ANDRENA CHLOROGASTER VIERECK
(HYMENOPTERA: APOIDEA).
D W Ribble
Kans Entomol Soc J 38(1):87, 1 REF.
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Andrena, Apoidea, Hymenoptera, Insect abnormalities.

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Entomol Soc Amer Ann 60 5), 892-903
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Insect taxonomy, Stolidosominae.
Abstract included.

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B Ruckes
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Alcippus, Equador, Insect identification, Pentadomidae.
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EPIZOOTIOLOGY OF TRYPANOSOMA CRUZI IN SOUTHWESTERN NORTH AMERICA. PART VII. EXPERIMENTAL CONTROL OF TRYPANOSOMA CRUZI BY IMMUNOLOGICAL METHOCS.
R E Ryckman
J Med Entomol 2(1):105-108
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Epizootic diseases, Immunology, Mexico, North America, Trypanosomidae.

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R E Ryckman D L Folkes L E Olsen P L Robb A E Ryckman J Med Entomol 2(1):87-108, 14 REFS.

Apr 1965 421 J828

Epizootic diseases, Hemiptera, Kinetoplastida, Mexico, North America, Triatominae, Trypanosoma.

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Epizootic diseases, Hemiptera, Kinetoplastida, Mexico, North America, Triatominae, Trypanosoma, Trypanosomidae.

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Entomology, Insects.

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K Sakimura
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Anaphothrips orchidaceus orchidaceum,
Anaphothrips orchidaceus orchidaceus, Insect taxonomy,
Orchidaceae, Thripidae.

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Attractants, Diptera, Glossina, Insect collecting equipment.

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J E Scanlon U Sandhinand
J Med Entomol 2(1):61-69
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Culicidae, Insect biology.

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MIMETIC ASSOCIATIONS OF LYCID AND CERAMBYCID BEETLES (COLEOPTERA) IN COAHUILA, MEXICO.
R B Selander J L Miller J M Mathieu
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Jan 1963 420 K13
Cerambycids, Lycids, Mimicry.

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Insect taxonomy.

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L M Smith
Kans Entomol Soc J 33(1):1-6
Jan 1960 420 K13
Evalljapyx, Insect identification, Japygidae,
North America.

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JAPYGIDAE OF NORTH AMERICA. 9. THE GENUS METAJAPYX.

I M Smith C L Bolton

Kans Entomol Soc J 37(2):126-138, 26 REFS.

Apr 1964 420 K13

Insect identification, Japygidae, Metajapyx, North America.

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E L Soderstrom
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Insect morphology, Sitophilus.

564-68
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W P Stephen A L Steinhauer
Kans Entomol Soc J 32(3):123-127, 7 REFS., 2 TABS.
Jul 1959 420 K13
Amino acids, Insect taxonomy, Periplaneta, Population.

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SOME PREVIOUSLY UNPUBLISHED DRAWINGS OF GAMASID MITES BY THE LATE DR. A. C. OUDEMANS.

R W Strandtmann

Kans Entomol Soc J 36(1):2-7, 8 REFS.

Jan 1963 420 K13

Gamasid mites, Haemolaelaps, Hypoaspis, Insect taxonomy, Laelaps.

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NASAL MITES OF THAILAND BIRDS (ACARINA: RHYNONYSSIDAE).

R W Strandtmann

Kans Entomol Soc J 33(4):129-151, 20 REFS.

Oct 1960 420 K13

Birds, Mites, Rhyonyssidae.

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NEW RECORDS FOR RHINONYSSUS HIMANTOPUS AND NOTES ON OTHER SPECIES OF THE GENUS.

R W Strandtmann
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Jul 1959 420 K13
Insect identification, Mites, Rhinonyssus.

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NEW SPECIES OF PSEUDOPANURGUS FROM ARIZONA HYMENOPTERA, APOIDEA).

P H Timberlake
Amer Mus Novitates 00 2298), 1-23
18 Aug 1967 500 N483N
Arizona, Pseudopanurgus.

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Haemaphysalis, India, Insect taxonomy, Ixodides.

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THE BIOLOGY OF CALLIGAETIS FLORIDANUS BANKS (EPHEMEROPTERA: BAETIDAE).

L M W Trost L Berner Fla Entomol 46(4):285-299, 8 REFS.
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Callibaetis, Insect biology.

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TAXONOMIC NOTES ON THE GENUS AGENIELLA (HYMENOPTERA: POMPTLIJDAE).
M S Wasbauer
Kans Entomol Soc J 32(3):109-111
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Ageniella, Insect taxonomy, Pompilidae.

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G C Wheeler J Wheeler
Kans Entomol Soc J 37(1):6-8, 4 REFS.
Jan 1964 420 K13
Arachnida, Chelifer, Chernetidae, Chthonidae, Eremobates,
Eutrombicola, Latrodectus, Neobisiidae, North Dakota,
Trombicola, Vejovis.

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PROCTOCANTBELLA BROWLEY (DIPTERA: ASILIDAE).
J Wilcox
Kans Entomol Soc J 38(2):106-110, 7 REFS.
Apr 1965 420 K13
Asilidae, Diptera, Proctacanthella.

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LARVAL INSTARS AND HEAD CAPSULE MORPHOLOGY IN THREE SOUTHEASTERN IPS BARK BEETLES.

R C Wilkinson
Fla Entomol 46(1):19-22, 1 RFPS.
Mar 1963 420 F662
Insect morphology, Ips bark beetles, Larvae.

i575-68

ECOLOGY OF THE MAIZE WEEVIL, SITOPHILUS ZEAMAIS HOTSCHULSKY), RELATIVE TO FLIGBT BABITS, ATTRACTION TO SUNFLOWERS, AND TWO HYMENOPTEROUS PARASITES.

R N Williams
Diss Abstr Sect B 27 11)03981B
May 1967 Z5055.U49D53
Insect ecology, Insect flight, Sunflowers.

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A NEW SPECIES OF OSBORNIELLA (MALLOPAAGA) FROM THE GROOVE-BILLED ANI.
J S Wiseman
Kans Entomol Soc J 36(2):101-103, 3 REFS.
Apr 1963 420 K13
Cuculiformes, Insect taxonomy, Osborniella.

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A TRIFURCATE TIGER BEETLE ANTENNA (COLEOPTERA: CICINDELIDAE).
G R Wood
Kans Entomol Soc J 38 (4):392-394, 1 REF., 2 PLS.
Oct 1965 420 K13
Antennae, Cicindela, Insect abnormalities.

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DETERMINATION OF APHIDS IN BOPS.
R G Wright
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Jul 1964 420 K13
Insect behavior, Tenebrio, Tetraopes.

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Dermatobia hominis, Insect rearing, Sex behavior.
Abstract included.

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Fungi, Insects, Plant galls.

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R A Bedding
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Biological control insects), Deladenus, Parasitism,
Sirex noctilio.
Parasitizing Sirex noctilio

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J L Bishop C C Burkhardt
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Aphididae, Insect morphology, Malathion, Parathion.

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J L Bishop F A Lauson
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Blattidae, Insect morphology, Leucophaea, Orthoptera,
Testes.

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M S Blum J P Woodring
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Larvae, Vacuum.

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Diurnal rhythm, Nervous system, Periplaneta americana.

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STRESS.

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R P Brooks W L Thompson
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Jun 1963 420 P662
Citrus, Pest control, Scalicides.

5591-68
MECHANISH OF LOCUST JUMPING.
R H J Brown
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Acrididae, Cicadidae, Grasshoppers, Locomotion.

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(BODDIE) ON GRAIN SORGHUM.
B R Buckley C C Burkhardt
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Behaviorism, Heliothis zea, Insect biology, Larvae, Sorghum.

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   Blatella germanica, Chemosterilants, Insect control, Nymphs.
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G P Dateo L M Roth
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   (ASHMEAD) AND ACULUS PELEKASSI KEIFER UNDER LABORATORY
   CCNDITIONS.
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Eurycotis floridana, Gluconic acid, Hexenal, 2-.
Abstract included.
     K Burditt D K Reed C R Crittenden
   Fla Entomol 46(1):1-5, 13 REFS.
Mar 1963 420 F662
   Aculus, Citrus, Insect morphology, Phyllocoptruta.
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   EXPERIMENTAL MATERIALS TO CONTROL CITRUS SCALE INSECTS IN
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   FLORIDA
   A K Burditt A G Selhime
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Sep 1963 420 F662
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   Acaricides, Coccoidea, Insect control, Scalicides.
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RISING FLOUR (ACARINA: EPIDERMOPTIDAE).
   INSECT DETECTION.
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   Entomol Soc Amer Bull 5(2):67-68
Jun 1959 423.9 EN8
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Sep 1963 420 F662
   Plant pest control.
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Mushi 39 SUP), 119-125 REF
31 Mar 1967 421 M97
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   Benzene hexachloride, DDT , Insecticide resistant insects.
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Aedes canadensis, Aedes cinereus, Aedes communis, Turtles.
   IN THE LABORATORY.

R A Champlain L L Sholdt
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Sep 1967 420 EN82
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   Geocoris punctipes, Insect rearing.
Abstract included.
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   TEMPERATURE RANGE DEVELOPMENT OF IMMATURE STAGES OF
   GEOCORIS PUNCTIPES HEMIPTERA, LYGAEIDAE). R A Champlain L L Sholdt
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Geocoris punctipes, Insect temperature.
Abstract included.
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   H-3-THYMIDINE RADIOAUTOGRAPHIC STUDY OF SPERMATOGENESIS IN THE BOLL-WEEVIL, ANTHONOMUS GRANDIS COLEOPTERA, CURCULI-
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Sep 1967 420 EN82
Arthonomus grandis, Thymidine, H-3-,-
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Oct 1963 420 K13
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   Abstract included.
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   Agallia constricta, Immunization, Insects.
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S M Ferkovich S G Wellso W T Wilson
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     HYMENOPTERA, ERACONIDAE).

M Clark R E Smith
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Sep 1967 420 EN82
Bracon hebetor, Bracon serinopae, Insect eggs.
Abstract included.
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Acrididae, Aulocara elliotti, Orthoptera,
Schistocerca gregaria, Sex behavior.
Abstract included.
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TERA, PYRALIDAE, CRAMBINAE). C S Crawford

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Electroretinograms, Eyes, Insect physiology.
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C D Grant
J Fish Res Board Can 24 4), 823-832, MAP
Apr 1967 442.9 C16J
Aquatic animals, Aquatic insects, Ceratopogonidae,
Chironomidae, Coleoptera, Diptera, Ephemeroptera, Forests,
Odonata, Phosphamidon, Plecoptera, Simulidae, Spraying,
Streams, Tipulidae, Trichoptera.
Abstract included.

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A M Guneidy
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Aedes aegypti, Culicidae, Dieldrin, DDT,
Insecticide resistant insects, Puerto Rico.

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Anoetidae, Insect behavior, Mites.

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R A Hart W R Enns
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Jan 1960 420 K13
Blood proteins. Electrophoresis. Insect physiology.

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JE Heath P A Adams
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Insect temperature, Moths, Oxygen.

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W F Hink
Diss Abstr Sect B 27 11)03979B
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Bactericides, Blood, Galleria mellonella, Immunity, Larvae, Pseudomonas aeruginosa.

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T W Hogan
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Diapause, Drying, Insect eggs, Teleogryllus commodus.
Abstract included.

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W R Horsfall M Trpis
Entomol Soc Amer Ann 60 5), 1021-1025
Sep 1967 420 EN82
Aedes sticticus, Aedes stimulans.
Abstract included.

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M K Hummadi G R DeFoliart
J Med Entomol 4 1)066-70
25 Apr 1967 421 J828
Birds, Deer, Dogs, Habitats, Humans, Insect rearing,
Livestock, Mites, Parasitism, Pheasants, Rainfall,
Zoogeography.

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Insect biology, Laelapsis.

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Bees, Pollination, Proboscidea arenaria, Proboscidea jussieui.

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F P Ide
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Aquatic insects, Chironomidae, Diptera, DDT, Ephemeroptera, Fish, Forests, Plecoptera, Simuliidae, Spraying, Streams, Trichoptera, Water pollution.
Abstract included.

5629-68
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A M Kadoum S O Nelson L E Stetson
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Insect temperature, Larvae, Radio-frequency heating,
Tenebrio molitor.
Abstract included.

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A M Kadoum H J Ball S O Nelson
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Tenebrio molitor.
Abstract included.

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CHEYLEHDAL).
R F Kanavel A G Selhime
Fla Entomol 52 2)0107-113
Jun 1967 420 F662
Cheyletidae, Citrus, Fertility, Insect biology, Longevity,
Mites, Nutrition, Paracheyletia bakeri, Predaceous insects.

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M G Karandinos R C Axtell Entomol Soc Amer Ann 60 5), 1055-1062 REF Sep 1967 420 EN82 Hippelates bishoppi, Hippelates pallipes, Hippelates pusio, Temperature.

Abstract included.

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   LI Keeley
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Blaberus discoidalis, Blood, Corpora cardiaca, Fat body,
Glycogen, Insect metabolism, Insect respiration, Muscles,
Proteins, Trehalose.
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   EFFECTS OF FOREST SPRAYING WITH DDT IN NEW BRUNSWICK ON FCOD OF YOUNG ATLANTIC SALMON.
   M H A Keenleyside
J Fish Res Board Can 24 4), 807-822, MAP REF
   Apr. 1907 442.9 C16J
Aquatic insects, Chironomidae, Diptera, DDT, Ephemeroptera,
Fish, Forests, Petroleum, Plecoptera, Spraying, Streams,
Trickoptera, Water pollution.
Abstract included.
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   R E Kirk
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         1967 Z5055.U49D53
   Albinism, Metamorphosis, Mortality, Parthenogenesis, Temperature.
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Insect biology, Sciomyzidae, Sepedon ruficeps,
Sepedon scapularis, Snails.
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   F L Koerwitz K P Pruess
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    DAE) .
   PAE, F E Kurczewski
Fla Entomol 46(3):243-245, 6 REFS.
Sep 1963 420 F662
Nesting, Trypoxylon.
5639-68
    JUNCTIONAL MEMBRANE UNCOUPLING, PERMEABILITY TRANSFORMATIONS
   AT A CELL MEMBRANE JUNCTION.

W R Loewenstein M Nakas S J Socolar
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In salivary glands of Chironomus thummi.
    Abstract
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    B J Marples
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Glands insects), Spiders.
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    R L Metcalf
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Entomology, Insecticides, Research.
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   C D Michener
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E D Michener
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   DEVASTATOR SCUDDER (ORTHOPTERA: ACRIDIDAE).
   W W Middlekauff
   Kans Entomol Soc J 37(2):163-168, 9 REFS.
Apr 1964 420 K13
Melanoplus, Oogenesis, Photoperiodism.
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   M H Muma
  Fla Entomol 52 2) 0115-123
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   Insect behavior, Solpugida.
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   J K Nayar
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   Aedes taeniorhynchus, Diurnal rhythm, Insect eggs,
   Insect physiology. Abstract included.
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   Carpocapsa, Insect behavior.
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  SOME EGGS OF MOTHS AMONG THE AMATIDAE, ARCHTIIDAE, AND
   NOTODONTIDAE - LEFIDOPTERA.
   A Peterson
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  Amatidae, Arctiidae, Fetal membranes, Geometridae,
Insect eggs, Notodontidae.
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   EGG TYPES AMONG MOTHS OF THE PYRALIDAE AND PHYCITIDAE -
   LEPIDOPTERA.
   A Peterson
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   Sep 1963 420 F662
   Insect eggs, Moths, Phycitidae, Pyralidae.
5651-68
   BIOLOGY OF THE PREDATORY MITE PHYTOSEIULUS MACROPILIS IN
   HAWAII ACARINA, PHYTOSEIIDAE.
V Prasad
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  Insect biology, Phytoseiulus macropilis, Predaceous insects. Abstract included.
5652-68
  INTERRELATIONSHIP OF HYPERA POSTICA COLEOPTERA, CURCULI-
ONIDAE) AND BATHYPLECTES CURCULIONIS HYMENOPTERA, ICHNEU-
MONIDAE) IN THE FASTERN UNITED STATES WITH PARTICULAR
REFERENCE TO ENCAPSULATION OF THE PARASITE EGGS BY THE WEE-
   VIL LARVAE.
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B Puttler

Abstract included.

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5653-68 GONAD DEGENERATION IN BLATTA ORIENTALIS L. AND OTHER CCCKROACH SPECIES. E R Quiaoit F A Lawson Kans Entomol Soc J 36(1):56-58, 3 REFS. Jan 1963 420 K13 Blattidae, Degeneration, Gonads.

THE SENSITIVITY OF MUSCA DOMESTICA NEBULO F. AND M.
DCMESTICA VICINA MACQ. TO DDT, BHC AND DIELDRIN, AS SHOWN
BY DOSAGE-MORTALITY CURVES.
J Rahman N Riaz N H Khan
Bull Entomol Res 55 (2):355-365, 5 REFS., 6 TABS.
Aug 1964 421 B87 Benzene hexachloride, Dieldrin, DDT, Musca domestica.

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EFFECTS OF ROUTE OF ADMINISTRATION TO HOUSEFLIES ON THE INTERACTIONS OF MALATHION AND PIPERONYL BUTOXIDE. L Rai C C Roan Kans Entomol Soc J 36(3):161-165, 4 REFS. 1963 420 K13 Malathion, Musca domestica, Piperonyl butoxide.

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THE HISTORY AND USE OF AGRICULTURAL CHEMICALS. W C Rhoades
Fla Entowol 46 (4):275-277
Dec 1963 420 F662
Agricultural chemistry, Pest control, Poisons.

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LABORATORY OBSERVATIONS ON PREDATION ACTIVITIES OF LACCO-PHILUS BEETLES ON THE IMMATURE STAGES OF SOME DIPTEROUS PESTS FOUND IN MISSOURI OXIDATION LAGOONS. D R Roberts L W Smith W R Enns Entomol Soc Amer Ann 60 5), 908-910 Sep 1967 420 EN82 Laccophilus fasciatus, Laccophilus maculosus, Predaceous insects. Abstract included.

NESTING BIOLOGY OF TWO COMMUNAL BEES, EUGLOSSA IMPERIALIS AND EUGLOSSA IGNITA HYMENOPTERA, APIDAE), INCLUDING DESCRIPTION OF LARVAE. R B Roberts C H Dodson Entomol Soc Amer Ann 60 5), 1007-1018 Sep 1967 420 EN82 Euglossa ignita, Euglossa imperialis, Larvae. Abstract included.

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Annu Rev Phytopathol 3:313-342, 190 REFS. 1965 464.8 AN72 Fungi, Metabolism, Spore germination.

5752-68

ANTIGENS ASSOCIATED WITH PRUNUS NECROTIC RINGSPOT VIROSIS. W R Allen J H Tremaine Phytopathology 53 (8):869 Aug 1963 464.8 P56 Antibodies, Antigens, Necrotic ring spot (prunus), Rabbits.

TO THE DEVELOPMENT OF TOMATO AND COTTON FUSARIUM WILT SYMP-TOMS. C C Allison D V Phillips Phytopathology 53(8):869-870 Aug 1963 464.8 P56 Cephalosporium, Cotton, Fusarium, Tomatoes, Wilt (cotton), Wilt (tomatoes).

5754-68
INCREASE IN NITROGENOUS COMPOUNDS IN SOIL FOLLOWING SOIL FUMIGATION. J Altman Phytopathology 53(8):870 Aug 1963 464.8 P56 Dichloropropane dichloropropene mixture, Nitrogen compounds, Soil fumigation.

5755-68

INFECTION OF PINUS CONTORTA BY BASIDIOSPORES OF CRONARTIUM COMANDRAE. COMANDRAE. E A Andrews G Rall P Lupcho Phytopathology 53(8):870

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Aug 1963 464.8 P56
   Basidiospores, Cronartium, Pinus.
                                                                                                            ANTAGONISTIC EFFECTS OF SOME SOIL FUNGI ON VERTICILLIUM SP. ISOLATED FROM MAPLE TREES.
                                                                                                            ISOLATED FROM MAPLE TREES.

S C Catani J L Peterson
Phytopathology 53 (8):872
Aug 1963 464.8 P56
Acer, Aspergillus, Gliocladium, Penicillium, Soil fungi,
Trickodorma Vorticillium
   PERFORMANCE OF SOYBEAN STRAINS MODIFIED BY BACKCROSSING FOR
   SOME SIMPLY INHERITED CHARACTERISTICS.
N D Arora
   Diss Abstr Sect B 27 11) 03756B
May 1967 Z5055.U49D53
                                                                                                            Trichoderma, Verticillium.
  Lodging soybeans), Soybeans.
Includes lodging.
                                                                                                            NECROTIC RINGSPOT VIRUS DETERMINATIONS: SPREAD AND EFFECT IN MONTOMORENCY SOUR CHERRY AND PEACH AND DISTRIBUTION IN
                                                                                                            ITALIAN PRUNE BUDS.
5757-68
   ADAPTION OF FUNGI TO METAL TOXICANTS.
                                                                                                            D Cation
   J Ashida
                                                                                                            Phytopathology 53(8):872
Aug 1963 464.8 P56
   Annu Rev Phytopathol 3:153-174, 124 REFS., 2 TABS. 1965 464.8 AN72 Fungi, Metals, Poisons.
                                                                                                            Cherries, Necrotic ring spot (cherries),
Necrotic ring spot (prunus), Peaches, Prunes.
5758-68
                                                                                                         5769-68
   COMPARATIVE DEVELOPMENT OF THE HYPODERMA AND LOPHODERMIUM NEEDLE CASTS OF EASTERN WHITE PINE.
                                                                                                            HEXURONIC ACID METABOLISM IN AGROBACTERIUM TUMEFACLENS.
                                                                                                            Y F Chang
Diss Abstr Sect B 27 11)03769B
May 1967 Z5055.U49D53
Agrobacterium tumefaciens, Galacturonic acid,
    M Banfield
   Phytopathology 53(8):870
Aug 1963 464.8 P56
  Hypoderma, Lophodermium, Needle cast (pinus), Pinus.
                                                                                                            Glucuronic acid.
5759-68
                                                                                                         5770-68
                                                                                                            PUNGISTATIC AND FUNGICIDAL EFFECTS ON STREPTOMYCES RIMOSUS ON SOME SOIL-INBABITING PATHOGENIC PUNGI IN VITRO.
   CROWN GALL ON RHODODENDRON.
     J Bart
  Phytopathology 53(8):870
Aug 1963 464.8 P56
Crown galls (rhododendron), Rhododendron.
                                                                                                            C C Chi
                                                                                                            Phytopathology 53(8):872
Aug 1963 464.8 P56
                                                                                                            Fusarium, Rhizoctonia, Streptomyces.
5760-68
   A MECHANISM OF INDUCED HOST RESISTANCE TO POLYGALACTURONASE IN RHIZOCTONIA-INFECTED TISSUE.
                                                                                                            HISTOPATHOLOGY OF DITYLENCHUS RADICICOLA IN AMERICAN BEACHGRASS AND OTHER HCSTS.
     F Bateman
                                                                                                            P D Chiaravalle G J Stessel
Phytopathology 53(8):872
Aug 1963 464.8 P56
   Phytopathology 53(8):870-871
Aug 1963 464.8 P56
   Beans, Pectinase, Rhizoctonia, Tissues.
                                                                                                            Aug 1963 464.8 P56
Ditylenchus, Grasses, Histopathology.
   INSECT-FUNGUS BLISTER GALLS OF SOLIDAGO AND ASTER.
                                                                                                         5772-68
                                                                                                            A PHYSODERMA-LIKE FUNGUS IN CITRUS AND RELATED SPECIES.
JF L Childs L E Kopp R E Johnson
Phytopathology 53(8):872
Aug 1963 464.8 576
   Kans Entomol Soc J 37(3):227-234, 12 REFS., 5 PLS.
   Jul 1964 420 K13
   Aster, Asteromyia, Plant galls, Rhytisma, Sclerotium,
   Solidago.
                                                                                                            Citrus, Physoderma.
                                                                                                            7/3-68
SOME PROPERTIES OF AN INHIBITOR OF VIRUS INFECTIVITY FROM
LEAVES OF PEANUT - A NEW HOST OF TOBACCO RINGSPOT VIRUS.
J S Chohan A W Troxel
Phytopathology 53(8):872-873
Aug 1963 464.8 P56
Bud blight (soybeans), Leaves, Peanuts, Ring spot (tobacco),
   EFFECTS OF PLANT-PARASITIC NEMATODES ON GROWTH OF CRANBERRY.
   G W Bird
   Phytopathology 53(8):871
Aug 1963 464.8 P56
   Cranberries, Criconemoides, Hemicycliphora, Parasitism.
                                                                                                            Virucides.
   A SELF-INDUCED, NONHEREDITARY VARIATION IN VERTICILLIUM. \overline{W} B Brandt
   Phytopathology 53(8):871
Aug 1963 464.8 P56
Beredity, Verticillium.
                                                                                                            CELLULOLYTIC ACTIVITY OF MONOBASIDIOSPORE AND TISSUE ISO-
                                                                                                            LATES OF FOMES ANNOSUS.
E B Cowling A Kelman
Phytopathology 53(8):873
Aug 1963 464.8 P56
5764-68
                                                                                                            Cellulase, Fomes, Monobasidiospores, Tissues.
   DOWNWARD MOVEMENT OF CONIDIA OF CERATOCYSTIS ULMI FROM TER-
   M F Brown R J Campana M A Rosinski
Phytopathology 53(8):871
Aug 1963 464.8 P56
                                                                                                            PHYSIOLOGIC SPECIALIZATION IN FUSARIUM OXYSPORIUM F.
                                                                                                            NIVEUM.
   Conidia, Spores, Ulmus.
                                                                                                            J M Crall
                                                                                                            Phytopathology 53(8):873
Aug 1963 464.8 P56
Fusarium, Wilt (Watermelon).
5765-68
   UPTAKE OF SUBSTITUTION AND MOLECULAR CONFORMATION ON THE UPTAKE OF S-TRIAZINES BY FUNGUS SPORES.

H P Burchfield E E Storrs
Phytopathology 53(8):871
Aug 1963 464.8 P56
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                                                                                                            EFFECT OF LIGHT ON SEXUAL REPRODUCTION IN HYPOMYCES SOLANI
                                                                                                            PRIECT OF LIGHT ON SERVEL REPRODUCTION
P. CUCURBITAE.
C R Curtis
Phytopathology 53(8):873
Aug 1963 464.8 P56
Fluorescent lamps, Bypomyces, Reproduction,
   Dichloro-6-anilino-s-triazine, 2-4, Fungi, Spores.
   WEED HOSTS OF OLPIDIUM BRASSICAE AND THE LETTUCE BIG-VEIN
   VIRUS.
                                                                                                            Ultraviolet rays.
   R N Campbell
   Phytopathology 53(8):872
Aug 1963 464.8 P56
Big wein (lettuce), Lettuce, Olpidium, Weeds.
                                                                                                            WOOD EXTRACTIVE CONTENT AND FOMES PINI INFECTION OF EASTERN
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WHITE PINE. R C DeGroot

Phytopathology 53(8):873 Aug 1963 464.8 P56

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Extracts, Fomes, Pinus, Wood.

5778-68 PRACTICAL CONTROL OF STUMP SURFACE INFECTION BY FOMES ANNOSUS IN SLASH PINE. H Driver Phytopathology 53(8):874 Aug 1963 464.8 P56 Pomes, Pinus, Timber.

5779-68

REDUCTION OF SYMPTOMS ASSOCIATED WITH HIGH-PHOSPHORUS LEVELS IN SOYBEARS BY AMO-1618.

J Dunleavy J F Kunkel
Phytopathology 53(8):874-875
Aug 1963 464-8 P56 Aug 1903 404.0 F30 Amo-1618, Boxilate methyl chloride, 2-, Isopropyl-4-dimethylamino-5-methylphenyl-1-piperidine car-, Phosphorus, Soybeans.

5780-68

STUDIES IN FUNGITOXICITY. IV. PUNGITOXICITY OF CERTAIN ETHY-LENIC COMPCUNDS.

J D Edwards M Fianka J Sci Food Agr 14(1):55-58, 21 REFS. Jan 1963 382 SO12 Ethylene, Fungi, Fungicides.

ACAPTED TOLERANCE OF RHIZOCTONIA SOLANI TO INCREASED CONCENTRATIONS OF THREE SOIL FUNGICIDES. H M Elsaid Phytopathology 53(8):875
Aug 1963 464.8 P56
Dichlone, Maneb, Pentachloronitrobenzene, Rhizoctonia, Soil fungi.

5782-68

DIFFERENCES IN RATIO OF SPONTANEOUS CONSTRICTING RING FOR-MATION IN TWO SPECIES OF THE PREDACEOUS FUNGUS GENUS DACTYLELIA.

W A Feder P C Hutchins
Phytopathology 53 (8):875
Aug 1963 464.8 P56 Dactylella, Nematodes, Predaceous fungi.

EFFECT OF HOST CROP ON SOIL POPULATIONS OF SEVERAL PRATY-LENCHUS SPECIES. Phytopathology 53 (8):875 Aug 1963 464.8 P56 Pratylenchus, Soils, Soybeans.

STUDIES ON THE DISEASE CYCLE OF CYTOSPORA SACCHARI. S Flores I L Forbes Phytopathology 53(8):875 Aug 1963 464.8 P56 Cytospora, Sugarcane.

5785-68

785-68
STUDIES ON THE NUCLEASES PRODUCED BY MICROORGANISMS. III.
PROPERTIES OF PARTIALLY PURIFIED PHOSPHODIESTERASE 5PRIME-NUCLEOTIDE-FORMING) PRODUCED BY PELLICULARIA SP.
Y Pujimura Y Hasegawa Y Kaneko S Doi
Agr Biol Chem 31 1)092-100, REP.
Jan 1967 385 AG8B
Pellicularia, Phosphodiesterase.

5786-68

LOW-VOLUME SPRAYING. R H Fulton Annu Rev Phytopathol 3:175-196, 91 REFS. 1965 464.8 AN72 Chemical control (plant diseases), Fungicides, Spraying.

5787-68

STUDIES ON THE AMINO ACID SEQUENCE OF HOLMES RIB-GRASS STRAIN VIRUS PROTEIN. I. SEPARATION OF PH 4.5 SOLUBLE TRYPTIC PEPTIDES AND AMINO ACID SEQUENCES OF SOME SMALL SOME SMALL PEP-TIDES OF HOLMES RIB-GRASS STRAIN VIRUS PROTEIN. Agr Biol Chem 31 1), 48-53 Jan 1967 385 AG8B Amino acids, Mosaic Plantago), Peptides.

5788-68 SPECIFIC VIRUS ADSORPTION BY ANTIBODIES COUPLED TO A SOLID MATRIX. G E Galvez Phytopathology 53(8):875-876 Aug 1963 464.8 P56 Absorption (biological), Antibodies, Matrices, Viruses.

THE EFFECT OF BEAN RUST ON THE FOLIAR UPTAKE OF P32. D L Gerwitz R D Durbin Phytopathology 53(8):876 Aug 1963 464.8 P56 Beans, Leaves, P32, Rust (beans), Uromyces.

5790-68

RELATION OF NUTRITION TO CLADOSPORIUM LEAF MOLD DEVELOPMENT IN TOMATO. A Ghabrial Phytopathology 53(8):876 Aug 1963 464.8 P56 Cladosporium, Leaf mold disease (tomatoes), Plant nutrition,

NOTES ON WISCONSIN PARASITIC FUNGI. XXXII . H C Greene Wis Acad Sci Arts Lett Trans 55 00), 147-166 1966 500 W75 Fungus diseases plants), Parasitic plants, Phyllostica, Stagonospora.

METHODS FOR OBTAINING THE PERFECT STAGE OF KABATIELLA CAULIVORA. A H H Grinchenko N Colotelo Phytopathology 53(8):876 Aug 1963 464.8 P56 Aug 1963 464.8 P56 Culture media, Kabatiella.

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EVIDENCE THAT TOMATO ASPERMY AND CUCUMBER MOSAIC VIRUSES ARE SEROLOGICALLY UNRELATED.
R G Grogan J K Uyemoto K A Kimble
Phytopathology 53(8):876-877
Aug 1963 464.8 P56
Aspermy (tomatoes), Cucumbers, Mosaic (cucumbers),
Serological tests, Tomatoes.

5794-68

PECTOLYTIC AND CELLULOLYTIC ENZYME PRODUCTION BY COLLETO-TRICHUM TRIFOLII.

J G Hancock R L Millar
Phytopathology 53 (8):877
Aug 1963 464.8 P56 Colletotrichum, Enzymes.

5795-68

DEVELOPMENT OF WOUND HEARTWOOD IN IOWA HARDWOODS. J H Hart H S McNabb Jr Phytopathology 53(8):877 Aug 1963 464.8 P56 Hardwoods, Iowa.

5796-68

DWARFMISTLETOE ARCEUTHOBIUM) ON BREWER SPRUCE IN OREGON-F G Hawksworth D L Wiens D P Graham Northwest Sci 41 1), 42-44 May 1967 470 N81 Arceuthobium, Parasitic plants, Picea breweriana.

5797-68

EFFECTS OF PRATYLENCHUS PENETRANS ON THE NUTRIENT LEVEL OF N, P, K, CA, AND MG IN ROOTS AND LEAVES OF ILEX ROTUNDIFOLIA AND BERBERIS JULIANAE.

C M Heald Jr W R Jenkins
Phytopathology 53(8):877
Aug 1963 464.8 P56
Berberis, Ilex, Leaves, Pratylenchus, Roots.

GROWTH OF PHYTOPHTHORA PARASITICA VAR. NICOTINIAE ON FATS AND FATTY ACID DERIVATIVES.

J W Hendrix J L Apple Phytopathology 53 (8):877-878
Aug 1963 464.8 P56
Culture media, Fats, Fatty acids, Phytophthora.

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5799-68
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  SEROLOGICAL RELATIONSHIPS OF VIRUS ISOLATES FROM GRAPEVINES
                                                                                                  TOLERANCE OF PSEUDOMONAS GLYCINEA TO FREEZING TEMPERATURES.
   WITH DIFFERENT DISEASE SYMPTCMS.
                                                                                                   B w Kennedy
  W B Hewitt R H Taylor
Phytopathology 53(8):878
Aug 1963 464.8 P56
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Aug 1963 464.8 P56
                                                                                                   Pseudomonas, Temperature.
  Grape vineyards, Serological tests, Vitis.
5800-68
                                                                                                  POLYMERIZATION OF TMV PROTEIN IN WATER AND IN HEAVY WATER.
                                                                                                  M T M Khalil
Diss Abstr Sect B 27 11)03793B
May 1967 Z5055.U49D53
  DISEASE CONTROL THROUGH VIRUS-FREE STOCK.
   M Hollings
  Annu Rev Phytopathol 3:367-396, 180 REFS., 4 TABS. 1965 464.8 AN72
                                                                                                   Heavy water, Polymerization, Proteins, Water.
  Crops, Germ-free life, P
Virus diseases (plants).
            Germ-free life, Plant disease control,
                                                                                                5812-68
5801-68
  CONFIRMATION OF PAILURE OF ROSE MOSAIC VIRUS TO SPREAD IN
                                                                                                   S B King
                                                                                                  Diss Abstr Sect B 27 11) 03744B
May 1967 Z5055.U49D53
   VIRGINIA.
   F O Holmes
  Phytopathology 53(8):878
Aug 1963 464.8 P56
                                                                                                   Toxins.
  Mosaic (rosa), Plant disease transmission, Rosa, Virginia.
                                                                                                5813-68
  CYTOPATHOLOGY OF TOBACCO NECEOSIS VIRUS INFECTION IN TOBACCO
                                                                                                   T Kodama J B Bancroft
Phytopathology 53(8):880
Aug 1963 464.8 P56
   W J Hooker J G Bald
  Phytopathology 53(8):878
Aug 1963 464.8 P56
Cytopathology, Leaves, Necrosis, Tobacco.
5803-68
  BFFECTS OF INFECTION BY THE STEM BUST FUNGUS ON THE VITAMIN B6, NIACIN, AND PANTOTHENIC ACID CONTENT OF WHEAT PLANTS. M Husain C D Hobbs M C Futrell Phytopathology 53 (8):879
Aug 1963 464-8 P56
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Phytopathology 53 (8):880
Aug 1963 464.8 P56
  Nicotinic acid, Pantothenic acid, Stem rust (wheat), Vitamin b6, Wheat.
  CCRALLOID ROOT SYSTEMS IN PLANTS SHOWING LIME-INDUCED CHLOROSIS.
                                                                                                   SEEDLINGS.
                                                                                                   J M Kraft
  T C Hutchinson
Nature 214 5091), 943-945, REP
27 May 1967 472 N21
Chlorosis plants), Lime, Roots.
                                                                                                5816-68
  EVALUATION OF RECURRENT SELECTION FOR STALK-ROT RESISTANCE
IN MAIZE AND THE ASSOCIATED CHANGES IN OTHER AGRONOMIC CHAR-
                                                                                                  C Leben
  S Jinahyon
  Diss Abstr Sect B 27 11) 03758B
May 1967 Z5055.U49D53
  Corn, Diplodia, Plant disease resistance.
5806-68
  TEMPERATURE AS A FACTOR IN THE CONTROL OF TOMATO ROOT KNOT WITH OAT STRAW.
       Johnson
  Phytopathology 53(8):879
Aug 1963 464.8 P56
  Oat straw, Root knot (tomatoes), Temperature, Tomatoes.
5807-68
                                                                                                  OF CEPHALOSPORIUM.
D W Long
  THE MOVEMENT OF PRATYLENCHUS PENETRANS IN RELATION TO SOIL
   MCISTURE CONTENT AND AGGREGATE SIZE OBTAINED BY DRY SIEVING.
  E M Jones W F Mai
Phytopathology 53(8):879
Aug 1963 464.8 P56
                                                                                                  Phytopathology 53(8):881
Aug 1963 464.8 P56
   Pratylenchus, Sieves, Soil moisture.
5808-68
  TOBACCO NECROSIS VIRUS AND ITS SATELLITE VIRUS.
   B Kassanis
Nature 214 5084), 178
08 Apr 1967 472 N21
   Necrosis, Tobacco.
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5809-68

COMPATIBILITY RELATIONSHIPS IN TILLETIA CONTRAVERSA AS IN-DICATED BY FUSIONS BETWEEN PRIMARY SPORIDIA. E L Kendrick J A Hoffman Phytopathology 53(8):879 Aug 1963 464.8 P56 Sporidia, Tilletia.

STUDIES OF HYPHAL MORPHCGENESIS, PATHOGENICITY, AND TOXIN PRODUCTION OF ALTERNARIA SOLANI. Alternaria solani, Fungus diseases plants), Tomatoes, BROAD BEAN MOTTLE VIRUS (BBMV) RIBONUCLEIC ACID. Broadbeans, Mottle (broadbeans), Ribonucleic acid. THE DIPHENYLAMINE COLOR REACTION OF LEAF EXTRACTS FROM PLANTS INFECTED WITH POTATO LEAF ROLL VIRUS. Diphenylamine, Extracts, Leaf roll (potatoes), Leaves, EFFECTS OF NUTRIENTS AND INOCULUM DENSITY ON THE VIRULENCE OF PYTHIUM APHANIDERMATUM AND PYTHIUM ULTIMUM TO MUNG BEAM Diss Abstr Sect B 27 11)03744B-3745B May 1967 Z5055.U49D53 Fungus diseases plants), Mung beans, Nitrogen, Pythium aphanidermatum, Pythium ultimum. EPIPHYTIC MICROORGANISMS IN RELATION TO PLANT DISEASE. Annu Rev Phytopathol 3:209-230, 99 REFS. 1965 464.8 AN72 Epiphytes, Microorganisms, Plant diseases. INPLUENCE OF BACTERIA FROM LEAVES ON CUCUMBER ANTHRACNOSE IN PROTECTANT TESTS IN THE GREENHOUSE. PROTECTABLE TESTS IN THE GREENHOUSE.
C Leben
Phytopathology 53(8):880-881
Aug 1963 464.8 P56
Anthracnose (cucumbers), Bacteria, Cucumbers, Leaves,
Plant protective devices. INHIBITION OF FUSARIUM WILT SYMPTOMS IN COWPEA BY SPECIES Cephalosporium, Cowpeas, Fusarium, Wilt (cowpeas). A SIMPLE CLIMATE CHAMBER FOR POTATO LEAF ROLL VIRUS TESTING. CONTRIBUTION NO. 123). Amer Potato J 44 7), 257-259 Jul 1967 75.8 P842 Phytotrons, Potatoes. 5820-68 EFFECT OF LIGHT ON THE MATURATION OF APPRESORIA IN ERYSIPHE GRAMINIS TRITICI. S S Masri A H Ellingboe Phytopathology 53(8):882 Aug 1963 464.8 P56 Appressoria, Erysiphe, Light, Metamorphosis.

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5821-68
PLANT VIRUS INCLUSIONS.
F P McWhorter
Annu Rev Phytopathol 3:287-312, 80 REFS., 1 TAB.
1965 464.8 AN72
Inclusion bodies, Mosaic (tobacco), Tobacco,
Virus diseases plants.

822-68
NATURE OF RESPONSE OF ZOOSPORES OF PHYTOPHTHORA PARASITICA
TO SOIL FUNGISTASIS.
J M Menyonga
Diss Abstr Sect B 27 11)03745B
May 1967 Z5055.U49D53
Actinomycetes, Nitrogen, Phytophthora parasitica,
Soil biology.

5823-68
SAPBOPHYTIC BEHAVIOR AND SURVIVAL OF PHYTOPHTHORA CINNAMOMI IN SOIL.
S M Mircetich
Diss Abstr Sect B 27 11), 3745B-3746B
May 1967 Z5055.U49D53
Avocados, Phytophthora cinnamomi, Saprophytes, Soil biology.

824-68
STUDIES ON THE CONTROL OF VASCULAR WILT DISEASES OF COTTON
BY FUNGI ASSOCIATED WITH THE COTTON PLANT.
A K M Mostafa
Diss Abstr Sect B 27 11)03746B
May 1967 Z5055.049D53
Cotton, Fungus diseases plants), Soil fungi, Toxins.

5825-68
USE OF MOLECULAR GEL FORMATICN TO PREPARE POTATO VIRUS-X
INOCULA FOR ANTISERA. CONTRIBUTION NO. 229).
J Munro
Amer Potato J 44 7), 249-254
Jul 1967 75.8 P842
Molecular gels, Potatoes, Serum, Virus-X potatoes).

5826-68
ISOLATION, PURIFICATION AND OTHER STUDIES OF VIRUSES MECHAN-ICALLY TRANSMITTED FROM PEAR.
S Nemec
Diss Abstr Sect B 27 11) 03746B-3747B
May 1967 Z5055.U49D53
Chenopodium amaranticolor, Pears,
Plant disease transmission.

.827-68
STUDIES IN PUNGITOXICITY. III. FUNGITOXICITY OF CERTAIN BETA-NITROSTYRENES AND RELATED COMPOUNDS.
M Pianka
J Sci Food Agr 14 (1):48-55, 36 REFS., 3 TABS.
Jan 1963 382 S012
Beta-nitrostyrenes, Fungi, Fungicides.

5828-68
CERCOSPORA LEAFSPOT OF SNAPDRAGONS.
D M Porter
Diss Abstr Sect B 27 11)03747B
May 1967 Z5055.U49D53
Antirrhinum, Cercospora antirrhina,
Leaf spot Antirrhinum), Leaf spot Maurandia), Maurandia.

5829-68
ASPECTS OF THE ECOLOGY AND PARASITIC RELATIONSHIP TO PEANUTS OF SEVERAL ECTOPARASITIC NEMATODES IN NORTH CAROLINA.
J W Potter
Diss Abstr Sect B 27 11)03747B
May 1967 25055.U49D53
Criconemoides ornatum, Helicotylenchus dihystera, Peanuts, Plant nematodes, Trichodorus christiei,
Tylenchorhynchus claytoni.

5830-68
INHERITANCE OF RESISTANCE TO BACES 56 AND 15B-2 OF PUCCINTA GRAMINIS PERS. F. SP. TRITICI ERIKSS. AND HENN. IN
TRITICUM AESTIVUM L.
M V Rao
Diss Abstr Sect B 27 11)03741B-3742B
May 1967 Z5055.U49D53
Plant disease resistance, Plant genetics.
Puceinia graminis tritici, Wheat.

5831-68
EFFECTS OF SOLUTES ON THE POLYMERIZATION OF TMV PROTEIN.
R A F Shalaby
Diss Abstr Sect B 27 11)03794B

May 1967 25055.U49D53 Acctamide, Ethylenediaminetetraacetic acid, Polymerization, Potassium thiocyanate, Prolyl-alanyl-threonine, Proteins, Solutes, Sucrose, Thiourea.

5832-68
HISTOCHEMISTRY OF FOLIAGE DISEASES.
N Suzuki
Annu Rev Phytopathol 3:265-286, 127 REFS.
1965 464.8 AN72
Fungi, Histochemistry, Leaves, Metabolism, Plant disease resistance.

5833-68
MICROCLIMATE AND PLANT DISEASE.
P E Waggoner
Annu Rev Phytopathol 3:103-126, 63 REFS.
1965 464.8 AN72
Microclimate, Plant diseases.

334-68
USE OF ENVIRONMENTAL FACTORS IN SCREENING FOR DISEASE RESISTANCE.
J C Walker
Annu Rev Phytopathol 3:197-208, 72 REFS.
1965 464.8 AN72
Crops, Environment, Fungi, Plant disease resistance.

5835-68
SEROLOGY IN VIRUS-DISEASE DIAGNOSIS.
C Wetter
Annu Rev Phytopathol 3:19-42, 180 REFS.
1965 464.8 AN72
Mosaic (tobacco), Serodiagnosis, Tobacco,
Virus diseases (plants).

5836-68
TRIALS WITH DIMETHOATE AGAINST THE CALIFORNIA RED SCALE, AONIDIELLA AURANTII (MASK.), AND OTHER CITRUS PESTS IN CYPRUS.
B J Wood
Bull Entomol Res 55(2):339-353, 9 REFS., 7 TABS.
Aug 1964 421 B87
Aonidiella, Citrus, Cyprus, Dimethoate.

5837-68

DETECTION AND CONTROL OF MILD STRAINS OF POTATO LEAF ROLL VIRUS. CONTRIBUTION NO. 117).

N S Wright H R Maccarthy E F Cole
Amer Potato J 44 7), 245-248
Jul 1967 75.8 P842
Myzus persicae, Potatoes.
Aphios as infecting agent.
Abstracts in english and spanish.

1838-68
INSECTS OF PINE CONES IN ARKANSAS.
W C Yearian I O Warren
Kans Entomol Soc J 37(3):259-264, 6 REFS., 2 TABS.
Jul 1964 420 K13
Anobiidae, Arkansas, Blastobasidae, Blattidae, Braconidae,
Chalcididae, Chloropidae, Cleridae, Colydiidae, Cuccujidae,
Curculionidae, Dermestidae, Elateridae, Eulophidae,
Eupelmidae, Formicidae, Gelechidae, Hydrophilidae,
Ichneumonidae, Mycetophagidae, Nitidulidae, Periposcidae,
Phycitidae, Pine cones, Pteromalidae, Rhizophagidae,
Scarabaeidae, Scolytidae, Tachinidae.

Arthropods

5839-68
CONTROL OF THE ASPARAGUS FLY.) DU (
Neth Plantenziektenkundige Dienst Ber 2 P.
13 Jun 1967 464.9 N38
Asparagus, Insect control, Platyparea poeciloptera.
Platyparea poeciloptera.

5840-68
ADVANTAGES AND PROBLEMS IN CITRUS PEST CONTROL BY AERIAL APPLICATION.
Aerial Appl 1(2):4-5
Jul 1963 333.8 AE8

Aerial pest control, Citrus, Insect pests. 5841-68

PINPOINT SPRAYING - ACCURATE SPRAYING APPLICATION CREDITED FOR A 99.7 PER CENT KILL.

Aerial Appl 3(5):4,12

May 1965 333.8 AE8

Aerial insect control, Carbaryl, Choristoneura, DDT, Forest insects, Geometridae, Helicopters, Idaho, Insecticide residues, Picea, Tsuga, Washington, Waterways.

5842-68
PROBLEMS OF MICROHIAL CONTROL IN JAPAN.
K Aizawa
Mushi 39 SUP), 97-102 REF
31 Mar 1967 421 M97
Bacillus thuringiensis, Hiological control insects),
Hombyx, Galleria mellonella, Thuricide.

NOTES ON THE BIOLOGY OF PHILANTHUS BICINCTUS (HYMENOPTERA: SPHECIDAE).

K H Armitage
Kans Entomol Soc J
38(2):89-100, 13 REFS., 3 TAHS., 4 FIGS., 1 PL.

Apr 1965 420 K13

Agapostemon, Ancistrocerus, Andrena, Anthophora, Apis,
Augochlora, Augochlorella, Augochloropsis, Bombus, Chelonus,
Colletes, Colliopsis, Crossocerus, Diplazon, Ectemnius,
Exomalopsis, Halictus, Hylaeus, Lasioglossum, Lestica,
Megachile, Melissodes, Perdita, Philanthus, Solierella,
Sphecodes, Stenodynerus, Xylocelia.

5844-68
THE IDENTIFICATION OF DIABROTICA SPECIES BY CHORION SCULPTURING.
W T Atyeo G T Weekman D E Lawson
Kans Entomol Soc J 37(1):9-11
Jan 1964 420 K13
Corn, Diabrotica, Insect eggs.

PEASHHLLITY AND PROHLEMS OF CHEMICAL CONTROL OF RICE STEM BORERS, RESEARCH ON THE NATURAL ENEMIES OF RICE STEM HORERS. H A Hess Mushi 39 SUP), 45-50 REF 31 Mar 1967 421 M97 Hiological centrol insects), Chemical control insects), Chilo suppressalis, Natural control insects), Parasitic insects, Rice, Trichogramma japonicum.

5846-68
HIOLOGY OF A PINE BARK APHID, CINARA WATSONI, AND ITS RESPONSE TO TEMPERATURE.
H L Hrooks L O Warren
Kans Entomol Soc J 37 (4):310-316, 5 REFS.
Oct 1964 420 K13
Cinara, Ins ct temperature, Pinus.

847-68

SPANOGONICUS ALHOFASCIATUS AS AN INSECT AND MITE PREDATOR (HEMIPTERA: MIRIDAE).

G D Butler Jr

Kans Entomol Soc J 38(1):70-75, 11 REFS.
Jan 1965 420 K13

Aphis, Biological control (insects), Cotton, Heliothis, Hemiptera, Liorhyssus, Spanogonicus, Tetranychus, Trialeurodes.

848-68
CALIFORNIA DEPARTMENT OF AGRICULTURE CONTRACTS WITH AIRCRAFT OFFRATORS FOR REETLEAF HOPFER CONTROL.
Aerial Appl 1(7):4-5,7
Dec 1963 333.8 AE8
Aerial insect control, California, Circulifer, Eutettix, Melons, Salsola, Sugar beets, Tomatoes.

849-68
BIONOMICAL OHSERVATIONS ON MYRMECOPHILUS BEETLES OF THE GENUS CREMASTOCHEILUS (COLEOFTERA: SCARAHAEIDAE).
M A Cazier M A Mortenson
Kans Entomol Soc J 38(1):19-44, 20 REFS., 6 PLS.
Jan 1965 420 K13
Cremastocheilus, Crematogaster, Dorymyrmex, Genuchinus,
Liometopum, Myrmecocystus, Novomessor, Pogonomyrmex.

5850-68
A NEW SUHSPECIES OF OEME COSTATA, WITH OBSERVATIONS ON THE HABITS OF LARVAE AND ADULTS (COLEOPTERA: CERAMBYCIDAE).
J A Chemsak

Kans Entomol Soc J 38(4):351-355, 1 REF., 5 PLS. Oct 1965 420 K13 Abies, Oeme.

5851-68

OBSERVATIONS ON THE LARVAL HAHITS OF SOME CALLIDIINI WITH SPECIAL REFERENCE TO CALLIDIELLUM CUPRESSI (VAN DYKE) (COLEOPTERA: CERAMHYCIDAE).

J A Chemsak J A Powell
Kans Entomol Soc J 37(2):119-122, 9 REFS.
Apr 1964 420 K13
Callidiini, Cupressaceae, Insect behavior, Juniperus, Pinus, Pseudotsuga, Taxodiaceae, Tree diseases, Tsuga.

5852-68
THE BIOLOGICAL CONTROL OF SUGARCANE BORERS IN TAIWAN, 1948-1966.
C B Chen
Mushi 39 SUP), 103-108
31 Mar 1967 421 M97
Biological control insects), Diatraea saccharalis, Sugarcane, Taiwan.

5853-68
LIFE HISTORY STUDIES OF THE GRAPE ROOT BORER (LEPIDOPTERA: AEGERIIDAE) IN MISSOURI.
G N Clark W R Enns
Kans Entomol Soc J 37 (1):56-63, 6 REFS.
Jan 1964 420 K13
Heauveria, Grapes, Insect diseases, Insect dissemination, Metarrhizium, Missouri, Vitacea.

5854-68
PROGRESS IN THE HIOLOGICAL CONTROL OF THE SOUTHERN GREEN STINK BUG, NEZARA VIRIDULA IN HAWAII HETEROPTERA, PENTATOMIDAE).
C J Davis
Nushi 39 SUP), 9-16 REF
31 Mar 1967 421 M97
Biological control insects), Nezara viridula, Ocencyrtus, Trichopoda pennipes, Trissolcus basalis.
Trissolcus basalis and Trichopoda pennipes var. pillipes to control Nezara viridula in Hawaii.
Abstract included.

5855-68
A NEW LACEBUG PROM HAITI (HEMIPTERA: TINGIDAE).
C J Drake J M Capriles
Kans Entomol Soc J 38(3):317-319, 1 PL.
Jul 1965 420 K13
Corythaica, Eggplant, Haiti, Hemiptera, Teleonemia.

5856-68

THE EFFECT OF VARIOUS FACTORS ON SURVEYS OF PREDACEOUS INSECTS IN SOYBEANS.

B A Dumas W P Boyer W H Whitcomb

Kans Entomol Soc J 37(3):192-201, 20 REFS., 3 TABS.
Jul 1964 420 K13

Araneida, Coleoptera, Diptela, Hemiptera, Neuroptera, Sampling (statistics), Soybeans.

5857-68

NOTES ON THE PREY AND NESTING BEHAVIOR OF SOME SOLITARY WASPS OF MEXICO AND SOUTHWESTERN UNITED STATES (HYMENOPTERA: SPHECIDAE AND POMPILIDAE).

H E Evans

Kans Entomol Soc J 37 (4):302-307, 5 REFS.
Oct 1964 420 K13

Ageniella, Anoplius, Augochlora, Auplopus, Crabro, Diadasia, Empis, Exomalopsis, Halictus, Lycosa, Misumenops, Myospila, Orthellia, Pardosa, Paregle, Salcophaga, Trachypus.

5858-68
OHSERVATIONS ON THE CLERID PREDATION OF THE SOUTHERN PINE HEETLE.
R T Franklin H J Green
Kans Entomol Soc J 38(2):202-203, 1 REF.
Apr 1965 420 K13
Biological control (insects), Dendroctonus, Pinus, Thanisimus.

5859-68
BIOLOGY STUDIES OF MACROSIPHUM AVENAE FABR.), ACYRTHOSIPHON DIRHODUM WALKER), AND RHOPALOSIPHUM PADI L.) ON
GRAMINEAE IN WESTERN OREGON.
C L Greene
Diss Abstr Sect H 27 11) 04171B
May 1967 25055.U49D53
ACYRTHOSIPHON dirhodum, Aphidius obscuripes, Barley,
Coccinella trifasciata subversa, Entomogenous fungi, Grain,

20 5860-68

Grasses, Hippodamia sinuata spuria, Insect biology, Macrosiphum avenae, Rhopalosiphum padi, Scaeva pyrasti.

5860-68

CURRENT RESEARCH ON THE BIOLOGICAL CONTROL OF ORYCTES CO-C P Hoyt A Catley
Mushi 39 SUP), 3-8 REP
31 Mar 1967 421 M97 Biological control insects), Coconuts, Oryctes rhinoceros.

AN ASSOCIATION BETWEEN A SPECIES OF CALOGLYPHUS (ACARINA: ACARIDAE) AND PHYLLOPHAGA ANXIA (COLEOPTERA: SCARABAE-IDAE) . J L Jarvis
Kans Entomol Soc J 37(3):207-210, 5 REFS.

Jul 1964 420 K13 Caloglyphus, Hay, Phyllophaga.

5862-68

A NEW SPECIES OF MACROCHELES (ACARINA: MACROCHELIDAE) ASSOCIATED WITH BARK BEETLES OF THE GENERA IPS AND DENDROCTONUS. G W Krantz Kans Entomel Soc J 38(2):145-153, 13 REFS. Apr 1965 420 K13 Dendroctonus, Macrocheles, 1ps.

ANDRENA OF THE COLORADO FRONT RANGE: SPECIES OF THE TYPICAL SUBGENUS ON SALIX (HYMENOPTERA: APOIDEA) . U Lanham Kans Entomol Soc J 38(2):198-201, 5 REFS. Apr 1965 420 K13

Andrena, Salix.

INSECTS COLLECTED ON WYOMING RANGELAND IN CONNECTION WITH GRASSHOPPER-EGG SAMPLING.
R Lavigne R E Pfadt

Kans Entomol Soc J 38(1):61-66, 3 TABS. Jan 1965 420 K13

Agropyron, Bouteloua, Bromus, Calamovilfa, Carex, Festuca, Grasshoppers, Opuntia, Stipa.

5865-68

THE BIOLOGY OF ANTHRAX LIMATULUS FUR (OSTEN SACKEN), WITH A KEY TO AND DESCRIPTION OF PUPAE OF SOME SPECIES IN THE ANTHRAX ALBOFASCIATUS AND TRIMACULATUS GROUPS (DIPTERA: BCMBYLIIDAE) . N Marston

Kans Entomol Soc J 37(2):89-105, 11 REFS., 9 TABS. 1964 420 K13

Anthrax, Biological control (insects), Grasshoppers, Hymenoptera, Parasitology, Trimaculatus.

RESISTANCE IN CORN TO THE CORN EARWORM, HELIOTHIS ZEA, AND THE FALL ARMYWORK, SPODOPTERA PRUGIPERDA LEPIDOPTERA, NOCTULDAE). I. LARVAL FEEDING RESPONSES TO CORN PLANT EXTRACTS.

W M Mcmillian K J Starks M C Bowman Entomol Soc Amer Ann 60 5), 871-873 Sep 1967 420 EN82 Corn, Heliothis zea, Larvae, Plant pest resistance, Spodoptera frugiperda. Abstract included.

SPECIES DIFFERENTIATION AMONG MATURE LARVAE OF DIABROTICA UNDECIMPUNCTATA HOWARDI, D. VIRGIPERA, AND D. LONGICORNIS. C E Mendoza D C Peters Kans Entomol Soc J 37(2):123-125, 1 REF. Apr 1964 420 K13 Corn, Diabrotica.

TAKE ONE TEASPCONFUL OF MALATHION: PLANES CAN NOW FLY HIGH-ER, MAKE A WIDER SWATH, AND USE AN UNBELIEVABLE SMALL AMOUNT OF CHEMICAL. K Messenger Aerial Appl 3(4):4-5 Apr 1965 333.8 AE8 Aerial spraying, Anthonomus grandis, Chrysomelidae, Circulifer, Grasshoppers, Malathion.

THE EUROPEAN PINE SHOOT MOTH ECOLOGY AND CONTROL IN THE LAKE STATES. W E Miller Forest Sci Monogr 14, 72 P REF

Hoff 99.8 F76322
Biological control insects), Chemical control insects),
DDT , Forest insects, Insect control, Pinus resinosa, DDT , Fores Rhyacionia.

Review of the literature

5870-68
THE BIONOMICS OF AN INSECT-PARASITIC NEMATODE. G E Moore Kans Entomol Soc J 38(2):101-105, 3 REFS., 3 TABS. Apr 1965 420 K13 Acheta, Heliothis, Neoaplectana, Trichoplusia.

POSSIBILITY OF BIOLOGICAL CONTROL OF PSEUDOCOCCUS COMSTOCKI IN JAPAN.
Y Murakami R Morimoto H Kajita
Mushi 39 SUP), 85-96 REF
31 Mar 1967 421 M97
Allotropa burrelli, Allotropa convexifrons, Anagyrus subalbipes, Biological control insects),
Clausenia purpurea, Parasitism, Pseudaphycus malinus,
Pseudococcus comstocki.
Contribution ser. 2, no. 258, entomological laboratory,
kyushu university.

5872-68

ON THE ECOLOGY OF STEM BORERS IN ASIA, RESEARCH ON THE NAT-ENEMIES OF RICE STEM BORERS. T Nishida Mushi 39 SUP), 23-31, MAP 31 Mar 1967 421 M97 Asia, Biological control insects), Chilo suppressalis, Insect ecology, Insecticides, Natural control insects) Rice, Tryporyza incertulas.

SEASONAL INCIDENCE OF INDIGENOUS LEAPHOPPERS HOMOPTERA, CICADELLIDAE) ON CORN AND SEVERAL WINTER CROPS IN MISSI-SIPPI. Entomol Soc Amer Ann 60 5), 1044-1055 Sep 1967 420 EN82 Cicadellidae, Corn. Abstract included.

ADDITIONS TO THE KNOWLEDGE OF THE NESTING BEHAVIOR OF NORTH AMERICAN AMMOPHILA (HYMENOPTERA: SPHECIDAE). J A Powell Kans Entomol Soc J 37(3):240:258, 16 REFS. Jul 1964 420 K13 Ammophila, Caterpillars, North America.

EFFECT OF INSECTICIDAL SEED TREATMENTS ON RICE. L H Rolston P Rouse V Hall Kans Entomol Soc J 33 (3):119-122, 5 REFS., 3 TABS. Jul 1960 420 K13 Aldrin, Chlordane, Insecticides, Lindane, Lissorhoptrus,

BIOLOGY OF THE EGGPLANT TORTOISE BEETLE (COLEOPTERA: CHRYSOMELIDAE).

L H Rolston R Mayes P Edwards M Wingfield
Kans Entomol Soc J 38(4):362-366, 4 REFS.
Oct 1965 420 K13 Eggplant, Natural control (insects), Nuzonia, Solanum, Spilochalcis, Stiretrus, Tetrastichus.

5877-68 SOME FACTORS INFLUENCING LARVAL INFESTATIONS OF THE RICE WATER WEEVIL.

L H Rolston P Rouse
Kans Entomol Soc J 37(1):29-35, 3 REFS., 5 TABS.
Jan 1964 420 K13 Lissorhoptrus, Rice.

5878-68

THE SYSTEMATIC POSITION OF MELOETYPHILUS, A GENUS OF BLIND BLISTER BEETLES (COLEOPTERA: MELOIDAE). R B Selander Kans Entomol Soc J 38(1):45-55, 21 REFS. Jan 1965 420 K13

Bamboo, Blindness, Euplusia, Meoetyphlus, Natural control (insects), Predaceous insects.

5879-68

VARIATIONS IN SIZE AND WEIGHT OF THREE GEOGRAPHICAL POPULATIONS OF RICE WEEVIL COMPLEX.

E L Soderstrom D A Wilbur Kans Entomol Soc J 38 (1):1-9, 10 REFS, 4 TABS.

Jan 1965 420 K13

Corn, Insect identification, Rice, Sitophilus, Sorghum, Wheat.

5880-68

RESISTANCE IN CORN TO THE CORN EARWORM, HELIOTHIS ZEA, AND THE FALL ARMYWORM, SFODOPTERA FRUGIPERDA LEPIDOPTERA, NOCTUIDAE). III. USE OF PLANT PARTS OF INBRED CORN LINES BY THE LARVAE.

K J Starks M C Bowman W Mcmillian Entomol Soc Amer Ann 60 5), 873-874
Sep 1967 420 EN62
Corn, Heliothis zea, Larvae, Plant pest resistance, Spodoptera frugiperda.
Abstract included.

5881-68

SOME NEW HOST PLANT RECORDS AND PARASITES OF PHYTOBIA AMAUROMYZA) MACULOSA IN FLORIDA DIPTERAO AGROMYZIDAE).

C E Stegmaier
Fla Entomol 52 2) 099-101

Jun 1967 420 F662
Agromyzidae, Parasitic insects, Phytobia maculosa.

5882-68
OBSERVATIONS ON THE BIOLOGY CF COLLETES CILIATOIDES (HYMENOFTERA: APOIDEA, COLLETIDAE).
P F Torchic
Kans Entomol Soc J 38(2):182-187, 18 REFS., 5 PLS.
Apr 1965 420 K13
Colletes, Epeolus.

883-68
THE EFFECT OF BIRD PREDATORS ON WINTER SURVIVAL OF THE
SCUTHWESTERN AND EUROPEAN CORN BORERS IN ARKANSAS.
M L Wall W H Whitcomb
Kans Entomol Soc J 37(3):187-192, 3 REFS., 6 TABS, 2 PLS.
Jul 1964 420 K13
Arkansas, Birds, Corn, Ostrinia, Wildlife, Zeadiatraea.

A PRELIMINARY ASSESSMENT OF THE EFFECTIVENESS OF PYRETHRUM AGAINST THE STALK BORER BUSSEOLA FUSCA (FULLER) IN THE FIELD IN KENYA.
A J S Weaving
Bull Entomol Res 55 (3):565-572, 5 REFS., 8 TABS.
Dec 1964 421 B87
Busseola, Kenya, Pyrethrum.

5885-68
VEROMESSOR LOBOGNATHUS: THIRD NOTE (HYMENOPTERA: FORMICIDAE).
G C Wheeler J Wheeler
Kans Entomol Soc J 38(1):55-61, 7 REFS.
Jan 1965 420 K13
Grasses, Oryzopsis, Stipa, Veromessor.

5886-68
DISTRIBUTION AND BIONOMICS OF NATURAL ENEMIES OF RICE STEM BORERS, RESEARCH ON THE NATURAL ENEMIES OF RICE STEM BORERS. K Yasumatsu
Mushi 39 SUP), 33-44
31 Mar 1967 421 M97
Biological control insects), Chilo suppressalis,
Insect ecology, Natural control insects), Sesamia inferens,
Tryporyza incertulas.

Nematodes

5887-68

PARASITISM OF TOBACCO CALLUS AND KENTUCKY BLUEGRASS BY APHELENCHUS AVENAE.

K R Barker

Phytopathology 53(8):870

Aug 1963 464.8 P56 Aphelenchus, Parasitism, Poa, Tobacco.

5888-68
EFFECTS OF SOIL TEMPERATURE AND MOISTURE ON TYLENCHULUS SEMIPENITRANS.
J Feldmesser R V Rebois
Phytopathology 53 (8):875
Aug 1963 464.8 P56
Humidity, Soils, Temperature, Tylenchulus.

889-68

EFFECT OF SOIL MOISTURE ON XIPHINEMA AMERICANUM IN ABSENCE OF HOST PLANTS.

G D Griffin
Phytopathology 53(8):876
Aug 1963 464.8 P56
Humidity, Nematodes, Soils, Xiphinema.

390-68
THE EFFECT OF SOIL FUNGI AND ROOT-KNOT NEMATODES ON THE
GROWTH OF WHITE CLOVER IN FIELD BINS.
JE Halpin
Phytopathology 53(8):877
Aug 1963 464.8 P56
Growth factors, Root-knct nematodes, Soil fungi,
White clover.

5891-68
QUANTITATIVE THEORY OF NEMATODE-ROOT RELATIONS.
J P Hollis
Phytopathology 53 (8):878
Aug 1963 464.8 P56
Nematodes, Quantitative analysis, Roots.

5892-68
STUDIES ON THE LIFE CYCLE AND HOST RANGE OF THE LESPEDEZA CYST NEMATODE.
Y P Hung
Phytopathology 53(8):878-879
Aug 1963 464.8 P56
Heterodera, Metamorphosis.

5893-68
EFFECT OF ORGANIC SOIL AMENDMENTS ON NEMATODE POPULATIONS. R Mankau
Phytopathology 53 (8):881-882
Aug 1963 464.8 P56
Citrus, Nematodes, Organic compounds, Soils.

5894-68

FACTORS IN SURVIVAL OF NEMATODES.

S D VanGundy

Annu Rev Phytopathol 3:43-68, 135 REFS., 2 TABS.
1965 464.8 AN72

Metabolism, Nematodes, Plant dormancy, Reproduction,
Resuscitation.

Weeds

HERBICIDAL EFFECT OF 2,6-A HERBICIDAL EFFECT OF 2,6-DICHLOROBENZONITRILE AND ITS PERSISTANCE IN THE SOIL. G E Barnsley P H Rosher Weed Res 1(2):147-158, 6 TABS.
Jun 1961 79.8 W412
Dichlorobenzonitrile,2,6-, Herbicides, Weed control.

5896-68
DORMANCY, GROWTH INHIBITION. AND TUBERIZATION OF NUTSEDGE CYPERUS ROTUNDUS L.) AS AFFECTED BY PHOTOPERIODS.
C Berger
Diss Abstr Sect B 27 11) 03726B
May 1967 25055.U49D53
Cyperus rotundus, Photoperiodism, Plant dormancy, Salicylic acid.

5897-68
CONTROL OF TIMBER MILKVETCH, ASTRAGALUS MISER, AND EFFECTS
ON ASSOCIATED VEGETATION.
E H Cronin M C Williams
J Sci Food Agr 16 (7):II-15-3

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J C Murdoch J A F Kook J Dairy Res 30(3):391-397, 17 REFS. Oct 1963 44.8 J823 Grass silage, Hay, Milk, Silage.

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EXPERIMENTS ON THE CONTROL OF WEEDS IN GROUNDNUTS IN
    TRIPOLITANIA.
    P A Oram
   Meed Res 1(3):211-228, 20 REFS., 8 TABS., 7 FIGS.
Sep 1961 79.8 W412
Dicotyledons, Monocotyledons, Peanuts, Tripolitania,
Weed control.
5909-68
    THE CONTROL OF RANUNCULUS REPENS (L.) IN RASPBERRIES.
   THE CONTROL OF REMORCOLOS APPEAS (2., 12 Appearance)

Weed Res 1(2):105-113, 9 REFS., 5 TABS.

Jun 1961 79.8 W412

MCPA , Ranunculus, Raspberries, Weed control, 2,4,-D.
5910-68
   CONTROL OF SWAINSONPEA, SWAINSONA SALSULA.
W C Robocker H D Kerr V F Bruns
J Sci Food Agr 16 (7):II-15-2
Jul 1965 382 S012
   Swainsona, Swainsonpea,
Trichloro-phenoxyacetic acid, 2,4,5-,
2-(2,4,5-trichlorophenoxy)-propionic acid, 2,4-D.
   PHOTOLYSIS OF 3,5-DI-IODO-4-HYDROXYBENZONITRILE (IOXYNIL) AS
   A FACTOR IN ITS HERBICIDAL ACTION.
E N Ugochukwu R L Wain
   E N UGOCAUKWU K L WAIN
J SCI FOOd Agr 16 (7):II-15-1
Jul 1965 382 SO12
Di-iodo-4-hydroxybenzonitrile, 3-5,
Diphenyl-4-hydroxybenzonitrile, 3-5, Ioxynil,
Phenyl-4-hydroxybenzonitrile, 3, Photochemistry.
5912-68
   THE ENTOMOLOGICAL CONTROL OF WEEDS IN AUSTRALIA. D F Waterhouse
   D F Waterhouse
Mushi 39 SUP), 109-118
31 Mar 1967 421 M97
Lantana camara, Ophiomyia lantanae, Teleonemia scrupulosa,
Weed control, Xanthium pungens.
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Other Pests

5913-68
ETIOLOGY OF A DISEASE SYNDROME IN THE GIANT AFRICAN SNAIL ACHATINA FULICA BOWDICH.
W W Dean
Diss Abstr Sect B 27 11)03770B
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AChatina fulica, Aeromonas liquefaciens, Animal diseases,
Culture media, Snails.

5907-68

5922-68

30 LIVESTOCK PROTECTION

Diseases

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5914-68
DAINTY DOGIES IN PHOENIX.
   R H Brunner
Aerial Appl 2(1):8
   Jan 1964 333.8 AE8
Aerial livestock deodorizing, Brulin DO-5725,
   Brulin GS-17 , Cattle, Deodorants, DO-5725 , Feedlots, GS-17 , Helicopters, Stockyards.
5915-68
   HORMONAL CONTROL OF THE HEN:S OVULATION CYCLE.
   D W Bullock
Diss Abstr Sect B 27 11)04096B
May 1967 Z5055.U49D53
Chickens,
   Chloroethyl)-N- 1-methy1-2-phenoxyethyl) benzylamine, N- 2-, ICSH, Ovulation.
5916-68
  THE FFFECT OF FEED SUPPLEMENTS ON THE YIELD AND COMPOSITION OF MILK FROM COWS GRAZING GOOD PASTURE.

M E Castle A D Drysdale J N Watson
J Dairy Res 27:419-426, 15 REFS.

1960 44.8 J823
Dairy cattle, Feed supplements, Grazing, Milk.
5917-68
   DETERMINATION OF HORSE MEAT IN COOKED MEAT PRODUCTS.
   H R Cook
Ass Offic Anal Chem J 45(1):11-12, 4 REFS., 2 TABS.
   Feb 1962 381 AS7
   Horsemeat, Meat inspection, Spectrophotometry.
5918-68
   STRONTIUM-90 FROM FALLOUT IN THE DIET AND MILK OF A DAIRY
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   J Dairy Res 27:47-57, 11 REFS. 1960 44.8 J823
   Dairy cattle, Radioactive contamination.
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   A J Malanoski
   Ass Offic Anal Chem J 45(1):17
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Casein, Meat inspection.
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Mice, Red clover.

6006-68

INFERTILITY IN FARM ANIMALS IN BRITAIN. C M Ford Brit Vet J 121(1):42-50, 38 REFS., 1 TAB. Jan 1965 41.8 V643 Livestock, Sterility.

6007-68

A NATOMICAL RESPONSES OF SEVERAL WHITE LEGHORN STRAINS TO NEWCASTLE DISEASE VIRUS (ROAKIN).

D W Francis R H Roberson Md Finkner
Avian Dis 8(2):221-227
May 1964 41.8 AV5
Newcastle disease, Poultry.

6008-68

CASE REPORT: SALMONELLAE ISOLATED FROM GREATER SANDHILL CHANES (GRUS CANDENSIS TABIDA) IN NEW MEXICO.

D W Francis W S Huey
Avian Dis 8 (2):312-314
May 1964 41.8 AV5
Cranes, New Mexico, Salmonella.

6009-68
STUDIES OF PROTEUS ORGANISMS OF CANINE ORIGIN.
G Fraser
J Comp Pathol 73(1):9-20, 33 REFS., 5 TABS.
Jan 1963 41.8 J82
Antigens, Bacteria, Dogs.

6010-68

GANGRENOUS DERMATITIS OF CHICKENS.
M N Frazier W J Parizek E Garner
Avian Dis 8 (2):269-273
May 1964 41.8 AV5
Chickens, Clostridium septicum, Dermatitis, Gangrene,
Staphylococcus aureus, Wing rot.

6011-6

RESPONSES OF DIFFERENT STOCKS OF CHICKENS TO INOCULATION AS EMBROYOS AND AS CHICKS WITH STRAIN RPL 12 AND FIELD ISOLATE OF LEUKOSIS VIRUS.

T N Fredrickson F Piraino W Okazaki B R Burmester Avian Dis 8 (1):123-134, BIBL. 133-134, TABS.
Feb 1964 41.8 AV5
Avian tumor virus, Chicks, Embryos, Immunization, Leukosis, RPL 12.

6012-68

THE USE OF SERUM AND BLOOD DRIED ON BLOTTING PAPER IN THE DETECTION OF FOOT-AND-MOUTH DISEASE ANTIBODY.
A Gaggero P Sutmoller
Brit Vet J 121(11):509-514, 8 REFS.
Nov 1965 41.8 V643
Antibodies, Foot-and-mouth disease virus.

6013-68

ATTEMPT AT TRANSMISSION OF SHIPPING FEVER. C Gale N B King V L Sanger Cornell Vet 51(2):219-234, 10 FIGS., 16 REFS Apr 1961 41.8 C81 Animal disease transmission, Cattle, Shipping fever.

6014-68

A COMPARISON OF THE TOXICITY TO POULTS AND CHICKS OF A CERTAIN PEANUT OIL MEAL.
E E Gardiner
Poultry Sci 41(4):1348-1350, 9 REFS., 1 TAB.
Jul 1962 47.8 AM33P
Chicks, Peanut meal, Poisoning, Poults.

6015-68

THE ROLE OF COPPER IN THE PATHOGENESIS OF SUBACUTE AND CHRONIC LUPINOSIS OF SHEEP.

M R Gardiner
Australian Vet J 43 7), 243-248 REF
Jul 1967 41.8 AU72
Copper, Lupinosis, Sheep, Toxicity.

6016-68

IPOMOEA MUELLERI INTOXICATION OF SHEEP IN WESTERN AUSTRALIA.

M R Gardiner R Royce B Oldroyd
Brit Vet J 121(6):272-277, 7 REFS.
Jun 1965 41.8 V643
Ipomoea, Poisoning, Sheep.

6017-68

THE EFFECT OF COBALT-60 ON STARLINGS (STURNUS VULGARIS VULGARIS.

S P Garg A Zajane R A Bankowski
Avian Dis 8(3):555-560, 2 REFS.
Nov 1964 41.8 AV5
Cobalt-60, Starlings.

6018-68

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STUDIES ON A TISSUE-CULTURE-MODIFIED INFECTIOUS
LARYNGOTRACEITIS VIRUS.
E F Gelenczei E W Marty
Avian Dis 8(1):105-122, BIBL. 121-122, TABS.
Feb 1964 41.8 AV5
Chickens, Laryngotracheitis, Tissue culture.

6019-68

NEWCASTLE DISEASE: IMMUNE RESPONSE IN CHICKENS TO A BETA-PROPIDLACTONE-KILLED VIRUS VACCINE. E Gill H D Stone Avian Dis 8(1):61-71, BIBL. 70-71 Feb 1964 41.8 AV5 Chickens, Hydracrylic acid beta-lactone, Newcastle disease, Newcastle disease vaccines. 30 6020-68

6020-68 COMPARISON BY NEUTRALIZATION TESTS OF STRAINS OF VIRUS ISOLATED FROM VIRUS DIARRHEA AND MUCOSAL DISEASE. J H Gillespie L Coggins J Thompson J Haker Cornell Vet 51(1):155-159 Jan 1961 41.8 C81 Antigens, Mucosal disease, Virus diarrhea.

HYPERTROPHIC PULMONARY OSTEOARTHROPATHY IN A HORSE - A CASE REPORT. RF Goodbary T J Hage Amer Vet Med Ass J 137(10):602-605, 12 REFS. 15 Nov 1960 41.8 AM3 Horses, Hypertrophic pulmonary osteoarthropathy, Radiography.

FURTHER STUDIES OF A MERCAPTOETHANOL-SENSITIVE BRUCELLA AG-GLUTININ IN BOVINE MILK.
P M Gough Diss Abstr Sect B 27 11)03820B May 1967 Z5055.U49D53 Antibodies, Brucella abortus, Mercaptoethanol, Milk.

6023-68 BERSAMAABYSSINICA POISONING: THE CLINICAL AND PATHOLOGICAL PICTURE.

R N Gourlay K W Harker
J Comp Pathol 70(1):464-474
Jan 1960 41.8 J82 Bersama, Cattle.

HOVINE PAPULAR STOMATITIS I. RECOGNITION IN THE UNITED STATES. R A Griesemer C R Cole Amer Vet Med Ass J 137(7): 404-409, 31 REFS. 01 Oct 1960 41.8 AM3 Bovine papular stomatitis virus, Calves, Ulcers.

RETAINED CASEOUS YOLK SACS CAUSED BY ESCHERICHIA COLI. W B Gross Avian Dis 8(3):438-441, 1 REF. Aug 1964 41.8 AV5 Caseous yolk sacs, Chickens, Escherichia coli bacterin.

6026-68 CHARACTERISTICS OF AVIAN MYCOPLASMA (PPLO) IN TISSUE CULTURES OF HUMAN AND AVIAN CELLS.

L C Grumbles C F Hall G Cummings Avian Dis 8(2):274-280 May 1964 41.8 AV5
Mycoplasma, Pleuropneumonia-like organisms, Tissue culture.

DIAGNOSTIC TECHNIQUES IN AVIAN VIBRIONIC HEPATITIS. J R Hagan Avian Dis 8(3):428-437, 4 REFS., 6 TABS. Aug 1964 41.8 AV5 Avian vibrionic hepatitis, Chickens, Vibrio.

6028-68 STREPTOCOCCUS AGALACTIAE REINFECTION AND ERADICATION IN A COMMERCIAL HERD.

H H Hale W N Plastridge E F Stula
Cornell vet 51(2):200-204

Apr 1961 41.8 C81 Dairy cattle, Germ-free life, Streptococcus.

6029-68 RADIOGRAPHIC DIAGNOSIS OF HEART DISEASE IN DOGS. R L Hamlin Amer Vet Med Ass J 137(8): 458-464, 11 REFS. 15 Oct 1960 41.8 AM3 Dogs, Radiography.

PROPERTIES OF EUCK HEPATITIS VIRUS-L E Hanson H E Rhoades R L Schricker Avian Dis 8(2):196-202 May 1964 41.8 AV5 Duck hepatitis, Ducks.

THE COMPARATIVE ANTHELMINTIC EFFICIENCY OF HEXACHLOROPHENE, BAYER 9015 AND SUBCUTANEOUS CARBON TETRACHLORIDE IN AN OUTHREAK OF SUBACUTE FASCIOLOSIS IN SHEEP. F A Happich J C Boray B P Healy

Australian Vet J 43 7), 261-264 Jul 1967 41.8 AU72 Hayer 9015, Carbon tetrachloride, Fascioliasis, Hexachlorophene, Sheep.

THE TRANSFER OF ANTIBODIES FROM THE MOTHER CAT TO HER NEWBORN KITTENS.

S K Hardings D W Bruner I W Bryant Cornell Vet 51(4):535-539
Oct 1961 41.8 C81 Antibodies, Cats, Immunization, Salmonella.

6033-68 ACTIVITY OF VITAMIN K AND MENADIONE SODIUM BISULPITE COMPLEX WHEN MEASURED BY MORTALITY OF CHICKS WITH CECAL COMPLEX WHEN MEASURED BY MORTALITY OF CHICKS COCCIDIOSIS.

R H Harms P W Waldroup D D Cox
Poultry Sci 41(5):1836-1839, 9 REFs., 4 TABS.
Nov 1962 47.8 AM33P
Chicks, Coccidiosis.

6034-68 TOXICITY OF COMMON AND HAIRY VETCH SEED FOR POULTS AND CHICKS. J A Harper G H Arscott Poultry Sci 41(6):1968-1974, 15 REFS., 8 TABS. Nov 1962 47.8 AH33P Aneurysms, Chicks, Hairy vetch, Poisoning, Poults.

CYTOMEGALIC INCLUSION-BODY DISEASE IN SHEEP. A REPORT OF TWO CASES. Jan 1963 41.8 J82 Cytomegaloviruses, Sheep.

6036-68 THE ISOLATION OF SALMONELLAS FROM ANIMAL FEEDINGSTOFFS. R W S Harvey T H Price J Hyg 65 2), 237-244 REF Jun 1967 449.8 J82 Bone meal, Feed, Salmonella bacterins.

TOTALED DEER OF THE SOUTHEASTERN U.S.

F A Hayes W T Gerard E B Shotts G J Dills
Amer Vet Med Ass J 137 (3):190-191, 13 REFS.

O1 Aug 1960 41.8 AM3
Brucellosis, Serological tests, White-tailed deer.

DISSOCIATION OF A FOWL CHOLERA STRAIN OF PASTEURELLA MULTO-K I Heddleston I P Watko P A Rebers Avian Dis 8(3):649-657, 14 REFS, PL. Nov 1964 41.8 AV5 Chickens, Fowl cholera, Pasteurella bacterins, Pasteurella multocida.

6039-68 EXPERIMENTALLY INDUCED GUMBORO DISEASE (IBA). . C F Helmboldt E Garner Avian Dis 8 (3):561-575, 15 REFS., PL. Nov 1964 41.8 AV5 Chickens, Gumboro disease, IBA , Necrosis.

HYPOMAGNESAEMIA IN SHEEP- SOME INCONSISTENCIES. R G Hemingway N S Ritchie
J Sci Pood Agr 14 (3):162-171, 8 FIGS., 4 TABS.
Mar 1963 382 SO12
Plasma-magnesium, Tetany.

6041-68 EXPERIENCES OF INFECTIOUS SYNOVITIS IN BROILER BREEDING STOCK AND BROILER CHICKENS, WITH PARTICULAR REFERENCE TO THE NATURAL SPREAD OF THE DISEASE. L A Hemsley Brit Vet J 121(2):76-82, 5 REFS., 1 TAB. Feb 1965 41.8 V643 Chickens, Infectious synovitis, Tetracycline.

SUMMARY OF POULTRY DISEASES REPORTED BY THE NORTH CENTRAL POULTRY DISEASE CONFERENCE, 1964. W Henderson Avian Dis 8 (3):680-685

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Nov 1964 41.8 AV5 Avian diseases, Chickens, Conferences, Game fowl, North central conference, Northeastern conference, Poultry diseases, Reports, Turkeys.

6043-68
INFECTIOUS BOVINE KERATOCONJUNCTIVITIS. III. DEMONSTRATION OF TOXINS IN MCRAXELLA (HEMOFHILUS) BOVIS CULTURES.
J B Henson L C Grumbles
Ccrnell Vet 51(2):267-284, 6 TABS., 14 REFS.
Apr 1961 41.8 C81
Hemophilus, Keratoconjunctivitis, Moraxella, Toxins.

6044-68
NUTRITION AND INFECTIOUS DISPASE.
R Hill
Brit Vet J 121(9):402-407, 32 REFS.
Sep 1965 41.8 V643
Infectious diseases, Nutrition.

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EVALUATION OF THE IMMUNITY RESPONSE TO INFECTIOUS BRONCHITIS VIRUS.
S B Hitchner G S Appleton R W Winterfield Avian Dis 8(1):153-162, TABS.
Feb 1964 41.8 AV5
Antibodies, Birds, Infectious bronchitis.

THE USE OF SERUM ENZYMES AS DIAGNOSTIC AIDS IN THE DOG.
C M Boe A G Sabara
J Comp Pathol 77 3), 245-254. REF.
Jul 1967 41.8 J82
Dogs, Enzymes, Serum.

CYTOLOGICAL PUNCTURE. A NEW METHOD FOR THE STUDY OF BOVINE HEPATIC DISEASE.
P Holtenius
Ccrnell Vet 51(1):56-63, 4 FIGS
Jan 1961 41.8 C81
Bovine hepatic disease, Cattle, Cytology, Liver diseases.

6048-68
THE IMMUNOLOGICAL AND BIOLOGICAL REACTIONS OF NEOPLASTIC MAST CELLS.
E B Howard
Diss Abstr Sect B 27 11) 03736B
May 1967 Z5055.U49D53
Dogs, Histamine, Neoplasms, Rabbits.

6049-68
BACTERIAL AND VIRAL DISEASE.
D G Howell
Brit Vet J 121(9):398-401, 7 REFS.
Sep 1965 41.8 V643
Animal diseases, Preventive medicine, Veterinary medicine.

050-68

CAROTID BODY TUMOR IN THE DOG.

K Hubben D F Patterson D K Detweiler
Amer Vet Med Ass J 137(7): 411-416, 17 REFS.

01 Oct 1960 41.8 AM3

Carotid body, Dogs, Neoplasms.

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TRANSMISSIBLE PITUITARY CHROMOPHOBE ADENOMA IN THE PARAKEET.
K Hubben J F Shirer G L Enold
Avian Dis 8(2):203-208
May 1964 41.8 AV5
Adenoma, Parakeets, Pituitary gland.

052-68
NUTRITIONAL DEFICIENCIES.
L E Hughes
Brit Vet J 121(9):408-413, 37 REFS.
Sep 1965 41.8 V643
Cattle, Deficiency diseases, Sheep.

6053-68
DISTRIBUTION AND CONCENTRATION OF DUCK HEPATITIS VIRUS IN INCOULATED DUCKLINGS AND CHICKEN EMBRYOS.
J Hwang E Dougherty 3rd
Avian Dis 8(2):264-268
May 1964 41.8 AV5
Chickens, Ducks, Embryos, Hepatitis (duck), Pekin ducks.

054-68
HEMOGRAM OF TURKEY POULTS EXPERIMENTALLY INFECTED WITH SYNGAMUS TRACHEA.
J C Hwang
Avian Dis 8(3):380-390, 10 REFS.
Aug 1964 41.8 AV5
Poults, Syngamus trachea, Turkeys.

6055-68
THE INDIRECT HAEMAGGLUTINATION TEST IN THE DIAGNOSIS OF MELIOIDOSIS IN GOATS.
S Z Ileri
Brit Vet J 121(4):164-170, 12 REFS., 2 TABS.
Apr 1965 41.8 V643
Diagnosis, Goats, Melioidosis.

6056-68
RABIES DISCOVERED IN GREENLAND.
M Jenkins K Wamberg
Amer Vet Med Ass J 137(3):183-185, 4 REFS.
01 Aug 1960 41.8 AM3
Dogs, Foxes, Greenland, Rabies.

6057-68
ISOLATION OF MYCOPLASMA GALLISEPTICUM FROM FRESH EGGS AND BLOOD.
A C Jerstad
Avian Dis 8(1):36-39
Feb 1964 41.8 AV5
Eggs, Mycoplasma gallisepticum antigens, Poultry.

5058-68
THE MODE OF ACTION OF NIHYDRAZONE AGAINST CECAL COCCIDIOSIS IN CHICKENS.
C Johnson R J Van Ryzin
Poultry Sci 41(6):1918-1924, 8 REFS., 3 TABS.
Nov 1962 47.8 AM33P
Chickens, Coccidiosis, Feed additives.

6059-68
THE ANTICOCCIDIAL ACTIVITY OF NIHYDRAZONE.
C A Johnson J R O Conner
Poultry Sci 41(5):1654
Sep 1962 47.8 AM33P
Chickens, Coccidiosis, Feed additives.

6060-68
IDENTITY OF FELINE ATAXIA VIRUS WITH FELINE PANLEUCOPENIA VIRUS.
R H Johnson G Margolis L Kilham
Nature 214 5084), 175-177
08 Apr 1967 472 N21
Ataxia, Cats, Feline infectious enteritis.

CONTROL OF INFECTIOUS SYNOVITIS. 14. THE EFFECT OF AGE OF CHICKENS ON THE SUSCEPTIBILITY TO THREE AGENTS.

K M KERT N O Olson
Avian Dis 8 (2):256-263, BIBL. 262-263, TABS.
May 1962 41.8 AV5
Chickens, Infectious synovitis, Mycoplasma gallisepticum,
Mycoplasma synoviae, Poultry disease resistance.

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STUDIES ON CYTOPATHOGENIC AVIAN ENTEROVIRUSES. I. THEIR
ISOLATION AND SEROLOGICAL CLASSIFICATION.
P N Khanna
Avian Dis 8 (3):632-637, 12 REFS.
NOV 1964 41.8 AV5
Chickens, Classification, Enteroviruses.

6063-68
A REPORT ON ROUND HEART DISEASE IN OREGON CHICKENS.
J G Kilian W E Babcock E M Dickinson
Avian Dis 8'(1):56-61
Feb 1964 41.8 AV5
Chickens, Oregon, Round heart disease.

164-68
THE EFFECT OF A COPPER SUPPLEMENT IN THE DIET ON THE FAT CONTENT OF COW S MILK.
J O L King
Brit Vet J 121(11):515-520, 10 REFs., 2 TABS.
Nov 1965 41.8 V643
Copper, Dairy cattle, Fats, Milk.

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MEMBRANE FILTER METHOD FOR THE DETECTION AND ENUMERATION
OF SALMONELLA IN EGG ALBUMIN.
W K Kirkham P A Hartman

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Poultry Sci 41(4):1082-1088, 23 REFS., 3 TABS. Jul 1962 47.8 AM33P Culture modia, Dried eggs, Salmonellosis.

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ANIMAL VIRUSES AND THEIR RELATIONSHIP TO DISEASES IN MAN. M Klein Amer Vet Med Ass J 137(11):670-674, 12 REFS. 01 Dec 1960 41.8 AM3 Epidemiology, Epizootic diseases, Irmunization, Public health, Zoonoses.

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GLUCOSE BIOKINETICS IN OVINE PRETNANCY TOXEMIA. D S Kronfeld M G Simesen Cornell Vet 51(4):478-488, 15 FIGS. Oct 1961 41.8 C81 Biokinetics, Glucose, Pregnancy disease, Sheep.

SOME INVESTIGATIONS INTO THE TOLERANCE OF MENICHLOPHOLAN 2,2:-DITHYDROXY-3,3:-DINTTRO-5,5:-DICHLORDIPHENYL OR #BILEVON-M#) IN SHEEP WHEN USED FOR TREATMENT OF FASCIOLISIS UNDER PRACTICAL CONDITIONS. P J Lane J M Stewart Vct Rec 80 24)0702-705 17 Jun 1967 41.8 V641 Anthelmintics,
Dihydroxy-3,3:-dinitro-5,5:-dichlorodiphenyl, 2,2:-,
Fascioliasis, Sheep.

EXPERIMENTAL VACCINATION OF PIGS WITH AVIRULENT ROUGH STRAINS OF SALMONELLA CHOLERAE SUIS. G H K Lawson C Dow Brit Vet J 121(11):521-531, 11 REFS., 3 TABS. Nov 1965 41.8 V643 Immunization, Salmonellosis, Swine.

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SOME NUTRITIONAL ASPECTS OF EXPERIMENTAL INFECTION WITH SALMONELLA PULLORUM.
R A Le Clair D F Holtman Avian Dis 8(3):328-335, 14 REFS., 4 TABS. Aug 1964 41.8 AV5 Animal nutrition, Chicks, Salmonella, Vitamin B complex.

THE ACTIVITY OF DIPPING FLUIDS IN THE TREATMENT AND PREVENTION OF MYCOTIC DERMATITIS IN SHEEP. P D Le-Riche Jul 1967 41.8 AU72
Dermatophilus congolensis, Dipping, Mycotic dermatitis, Sheep, Zinc sulphate.

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MOLYBDENUM TOXICITY IN THE DEVELOPING CHICK EMBRYO. P D Lepore R F Miller H S Siegel Poultry Sci 41(4):1047-1049, 6 REFS., 3 TABS. Jul 1962 47.8 AM33P Chicks, Molybdenum, Poisoning.

THE USE OF DILUTE TUBERCULINS FOR TESTING CATTLE. TW Lesslie C N Herbert
Brit Vet J 121(9):427-436, 8 REFS., 4 TABS.
Sep 1965 41.8 V643 Sep 1965 41.8 V643 Cattle, Tuberculin, Tuberculin test.

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RIF INFECTION IN A COMMERCIAL FLOCK OF CHICKENS. S Levine D Nelsen Avian Dis 8 (3):358-368, 17 REFS., 5 TABS. Aug 1964 41.8 AV5 Antibodies, Chickens, Resistance-inducing factor, Rous sarcoma virus.

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ETIOLOGY AND PREVENTION OF LEGUME BLOAT. H Lippke Diss Abstr Sect B 27 11)03734B May 1967 25055.U49D53 Alfalfa, Bloat, Cattle, Crownvetch coronilla.

6076-68

A MERGANSER DIE-OFF ASSOCIATED WITH LARVAL EUSTRONGYLIDES.
L N Locke J B DeWitt C M Menzie J A Kerwin
Avian Dis 8(3):420-427, 6 REFS. Aug 1964 41.8 AV5

Eustrongylides, Larvae, Merganser die-off.

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PERSISTENT DIARRHEA IN COLTS ASSOCIATED WITH ASPERGILLUS FUMIGATUS.
R L Lundvall P F Romberg Amer Vet Med Ass J 137(8):481-483, 4 REFS. 15 Oct 1960 41.8 AM3 Antibiotics, Foals, Fungi, Sulfonamides.

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TIME AND TEMPERATURE OF COMPLEMENT-FIXATION IN THE DIAGNOSIS OF RINDERPEST.

A K MacLeod G R Scott

J Comp Pathol 73(1):89-92, 9 REFS., 4 TABS.

Jan 1963 41.8 J82 Complement fixation, Diagnosis, Rinderpest.

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THE EFFECTS OF FEEDING HALOANISONE ON THE GROWING CHICKEN. R Marsboom G Sierens
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Chickens, Growth factors.

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03 Jun 1967 41.8 V641 Cysts, Dogs, Gallbladder, Progesterone.

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Diss Abstr Sect B 27 11)04003B
May 1967 25055.U49D53 Brain diseases, Hog cholera virus, Swine, Viremia.

MODERN TRENDS IN ANIMAL HEALTH AND HUSBANDRY, SOME INFECTIOUS DISEASES OF FREE-LIVING WILDLIFE. A McDiarmid Brit Vet J 121(6):245-257, 47 REFS. Jun 1965 41.8 V643 Wildlife, Wildlife diseases.

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OBSERVATIONS ON THE ETIOLOGICAL AGENT OF PLASMACYTOSIS OF MINK. EVIDENCE SUGGESTING A RELATIONSHIP OF THE AGENT TO THE GRANULES OF A MYCOBACTERIUM SPECIES.
K A MCKAY D P Gray
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Jan 1965 41.8 C162
Aleutian disease, Bacteria, Minks.

PAGE 32

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Diuresis, Poultry, Spironolactone.
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    ISOLATION OF THE VIRUS OF INFECTIOUS BOVINE RHINOTRACHEITIS
   ISOLATION OF THE VIRUS OF INFECTIOUS BOVINE FROM RANGE CATTLE.

D G McKercher O C Straub
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Polarography, Proteins.
   OBSERVATIONS ON NEUROLYMPHOMATOSIS IN GAMEFOWL (GALLUS DO-
  GS McLean S G Kenzy W J Mathey
Avian Dis 8(3):459-462, 4 REFS-
Aug 1964 41.8 Av5
Gallus domesticus, Game fowl, Neurolymphomatosis.
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Cornell Vet 51(4):507-521, 28 REFS., 9 TABS.
Oct 1961 41.8 C81
Antigens, Pasteurella.
   SMALL ANIMAL LITERATURE INDEX.
   P McLoughlin
J Small Anim Pract 8 4) 239-246
Apr 1967 41.8 J8292
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  CF Meinecke A I Flowers J N Beasley
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Chickens, Xanthomatosis.
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   L V Melendez R P Hanson
Avian Dis 8(3):391-394, 3 REFS.
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M C Nesheim D A Christensen D L Arnold
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   Diss Abstr Sect B 27 11) 04003B
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   Cattle, Mucosal disease, Viremia.
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  S Miura G Sato T Miyamae
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Chicks, Fluff, Poultry hatcheries, Salmonella bacterins.
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Mycoplasma synoviae, Staphylococcus aureus.
                                                                                                                    Dairy cows, Hypocalcemia, Paresis, Parturition.
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O M Olesiuk H Van Roekel D H Roberts
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    Balantidiasis, Balantidium, Capybaras.
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Infectious laryngotracheitis virus, Tissue culture.
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Avian lymphomatosis, Chickens, Pathogenesis.

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EXPERIMENTAL EVALUATION OF CULTURE AND SERUM VACCINATION FOR THE CONTROL OF SWINE ERYSIPELAS VI. VACCINATION OF WEANLING PIGS PARROWED BY SUSCEPTIBLE AND IMMUNE DAMS.

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Baby pigs, Erysipelas bacterins, Immunization, Swine, Weaning.

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PAGE 36

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   CHROMATOGRAPH FOR PESTICIDE RESIDUE ANALYSIS.
   Ass Offic Anal Chem J 45(2):348-354, 6 REFS., 2 TABS.
  Chromatography, Pesticide residues.
  DETERMINATION OF RESIDUES OF GUTHION.
  W S Cox
Ass Offic Anal Chem J 44(2):188-192, 2 TABS.
   Azinphosmethyl, Cottonseed, Fruit, Insect control,
  AN IMPROVED TEST PAPER FOR THE DETECTION OF MAMMALIAN URINE
   Ass Offic Anal Chem J 45(3):655-656, 2 REFS.
6277-68
  DETERMINATION OF GUTHION RESIDUES ON FRUITS.
  MX Cox
Ass Offic Anal Chem J 45(2):406-409, 2 REFs., 2 TABS.
May 1962 381 AS7
Azinphosmethyl, Chromatography, Pesticide residues.
6278-68
   DETERMINATION OF RESIDUES OF DIURON, MONURON, FENURON, AND
   NEBURON.
  RED Dalton H L Pease
Ass Offic Anal Chem J 45(2):377-381, 3 REFS., 1 TAB.
May 1962 381 As7
Chromatography, Colorimetry, Diuron, Monuron,
Pesticide residues.
6279-68
  DETERMINATION OF MICRO-QUANTITIES OF CHLORINATED ORGANIC
  PESTICIDE RESIDUES IN BUTTER. M Eidelman
  Ass Offic Anal Chem J 45(3):672-679, 7 REFS, 1 TAB. Aug 1962 381 AS7
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Assay, Butter, Dieldrin, Endrin, Pesticide residues.

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6280-68
  THE DETERMINATION OF KELTHANE RESIDUES ON PRUITS AND
  VEGETABLES.
  H P Eiduson
  Ass Offic Anal Chem J 44(2):183-188, 2 TABS.
  May 1961 381 AS7
Cottonseed, Dicofol, Fruit, Hops, Nuts, Plant residues,
  Vegetables.
6281-68
  APPLICATION OF OSCILLOGRAPHIC POLAROGRAPHY TO DETERMINATION
  OF ORGANIC PHOSPHORUS PESTICIDE RESIDUES.
  R A Gaian
  Ass Offic Anal Chem J 45(2):401-406, 31 REFS., 5 TABS.
May 1962 381 AS7
Demeton, Disulfoton, Pesticide residues, Phorate,
  Polarography.
6282-68
  INFRARED DETERMINATION OF ENERIN RESIDUES.
  L L Gershman
Ass Offic Anal Chem J 44(2):212-214, 1 TAB.
  May 1961 381 AS7
Endrin, Infrared rays, Pesticide residues,
  Spectrophotometry.
6283-68
  DEGRADATION ESTERS OF SYSLOX, DI-SYSLON, AND THIMET ON
  FIELD-SPRAYED KALE.
  M E Getz
  Ass Offic Anal Chem J 45(2):397-401, 6 REFS., 5 TABS.
May 1962 381 AS7
  Chromatography, Demeton, Disulfoton, Kale, Phorate.
  SIX PHOSPHATE PESTICIDE RESIDUES IN GREEN LEAFY VEGETABLES: CLEANUP METHOD AND PAPER CHRCMATOGRAPHIC IDENTIFICATION.
  M E Getz
  Ass Offic Anal Chem J 45(2):393-396, 11 REFS., 1 TAB.
  May 1962 381 AS7
Chromatography, Pesticide residues, Vegetables.
6285-68
  PESTICIDE RESIDUES IN FOODS: ANALYTICAL PHILOSOPHY, TECHNOLOGY, AND CAPAHILITIES IN OTHER COUNTRIES. F A Gunther
  Ass Offic Anal Chem J 44(3):620-626, 15 REFS., 1 TAB. Aug 1961 381 AS7
  Food, International law, Legislation, Pesticide residues.
6286-68
  RAPID COLORIMETRIC DETERMINATION OF DDT IN MILK.
  F A Gunther R C Elinn D E Ott
Ass Offic Anal Chem J 45(2):359-363, 8 REFS., 5 TABS.
  May 1962 381 AS7
Colorimetry, DDT , Milk, Pesticide residues.
6287-68
  COMPARISON OF FIVE EXTRACTION PROCEDURES FOR THE RECOVERY OF DDT RESIDUES IN FIELD-TREATED COLLARDS.

L J Hardin C T Sarten
Ass Offic Anal Chem J 45(4): 988-990, 8 F FS., 1 TAH.
NOV 1962 381 AS7
  Assay, DDT , Kale, Pesticide residues.
6288-68
  REPORT ON DAIRY PRODUCTS.
  W Horwitz
Ass Offic Anal Chem J 44(3):436-437
       1961 381 AS7
  Dairy products, Fats, Frozen desserts, Milk, Phosphatases,
6289-68
  SEPARATION OF DIELDRIN AND ENDRIN FROM OTHER CHLORINATED
  PESTICICE RESIDUES.
  L Johnson
  Ass Offic Anal Chem J 45(2):363-365, 2 REFS., 2 TAHS.
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Chromatography, Dieldrin, Endrin, Pesticide residues.

THIRAM RESIDUES IN TOMATOES, STRAWBERRIES AND CELERIES.

Ass Offic Anal Chem J 45(2):410-414, 7 REFS., 3 TABS.
May 1962 381 AS7
Celery, Pesticide residues, Strawberries, Thiram, Tomatoes.

May 1962 381 AS7

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6291-68
SOME POSSIBLE EFFECTS OF MALATHION AND EPN ON MICE.
  SOME POSSIBLE EFFECTS OF MALATHION AND EPN ON MICE.

H E Klaassen G F Krause C C Roan
Kans Entomol Soc J 32 (4):183-188, 5 REFS., 5 TAHS.

Oct 1959 420 K13

Animal genetics, EPN , Malathion, Mice, Pesticide residues.
6292-68
  DANGER OF CHLORINATED HYDROCARBON INSECTICIDES IN BIRDS:
   EGGS.
  EGGS.
J H Koeman R C H M Oudejans E A Huisman
Nature 215 5105), 1094-1096
02 Sep 1967 472 N21
Hirds, Chlorinated hydrocarbons, Dieldrin, Eggs.
6293-68
  E P Laug W C Wallace M S Walton M J Verrett J M Dimitroff
Ass Offic Anal Chem J 44(3):523-530, 10 TAHS.
   Aug 1961 381 AS7
   Food, Radioactive contamination.
6294-68
   DETERMINATION OF SMALL QUANTITIES OF ATRAZINE AND SIMAZINE IN CORN BY PAPER CHROMATOGRAPHY.
   A Major Jr
Ass Offic Anal Chem J 45(3):679-682, 5 REFS.
Aug 1962 381 AS7
   Assay, Atrazine, Chromatography, Corn.
6295-68
   SCREENING METHOD FOR MONURON, DIURON, AND NEBURON RESIDUES ON FRUITS AND VEGETABLES BY PAPER CHROMATOGRAPHY.
   A Major Jr
   Ass Offic Anal Chem J 45(2):387-390, 6 REFS. May 1962 381 AS7
   Chromatography, Diuron, Fruit, Monuron, Vegetables.
6296-68
SPRAY DRIFT CLAIMS ARE MURDER.
   P H Marvin
Aerial Appl 3(5):5-6
May 1965 333.8 AE8
Aerial spraying, Herbicide residues, Insurance,
Pesticide residues.
6297-68
   ESTERASE INHIBITION TECHNIQUE FOR THE DETECTION OF ORGANOPHOSPHORUS PESTICIDES.
   W P McKinley S I Read
Ass Offic Anal Chem J 45(2):467-473, 13 REFS., 1 TAB.
   May 1962 381 AS7
   Chromatography, Esterases, Pesticide residues.
6298-68
   COLLABORATIVE STUDY OF CERTAIN CHLORINATED ORGANIC PESTICIDES IN DAIRY PRODUCTS.
   Ass Offic Anal Chem J 44(2):171-177, 1 TAB.
May 1961 381 AS7
Benzene hexachloride, DDE , DDT , Heptachlor expoxide,
Lindane, Milk, TDE .
6299-68
  IDENTIFICATION AND DIFFERENTIATION OF DIELDRIN AND ENDAIN BY HY PAPER CHROMATOGRAPHY.
   L C Mitchell
   Ass Offic Anal Chem J 45(3):682-689
  Aug 1962 381 AS7
Chromatography, Dieldrin, Endrin.
6300-68
   ONE-STEP CHROMATOGRAPHIC CLEANUP OF CHLORINATED HYDROCARBON
   PESTICIDE RESIDUES IN HUTTERFAT. I. CHROMATOGRAPHY ON
   SILICIC ACID.
   W A Moats
   Ass Offic Anal Chem J 45(2):355-358, 11 REFS., 1 TAH.
  May 1962 331 AS7
Chromatcgraphy, Milk fat, Pesticide residues, Silicic acid.
6301-68
  ACTIVATION STUDIES ON FLORISIL. R Moddes
  Ass Offic Anal Chem J 44(2):169-170
May 1961 381 AS7
DDT , Florisil, Heptachlor, Heptachlor epoxide, Lindane.
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6302-68
DETECTION AND ESTIMATION OF CHLORINATED PESTICIDES IN EGGS.
J H Onley P A Mills
Ass Offic Anal Chem J 45(4):983-987, 5 REFS., 2 TABS.
Nov 1962 381 AS7
Assay, Chromatography, Dieldrin, DDT , Eggs.

6303-68
FURTHER OBSERVATIONS ON MASTITIS IN COWS FED LEGUME GRASS FORAGE AS SOILAGE AND SILAGE.
W D Pounden N A Frank J H Vandersall
Amer Vet Med Ass J 137(1):53-57, 4 REFS.
01 Jul 1960 41.8 AM3
Cattle, Legume grass forage, Mastitis.

6304-68
METALS, CTHER ELEMENTS, AND RESIDUES IN FOODS.
L L Ramsey
Ass offic Anal Chem J 44(2):161-163
May 1961 381 AS7
Aldrin, Allethrin, Amitrole, Aramite, Azinphosmethyl,
Benzene hexachloride, Biphenyl, Captan, Chlorbenside,
Chlordane, Chlorobenzilate, Dairy products, Dichlone,
Dicofol, Dieldrin, DDT, Endrin, Etylene oxide, Fluorine,
Food contamination, Glyodin, Heptachlor epoxide, Lindane,
Malathion, Methoxychlor, Nicotine, Perthane,
Pesticide residues, Piperonyl butoxide, Sulphenone, Thiram,
TDE, Toxaphene, Zinc, 2,4-d.

6305-68
REPORT ON FUNGICIDES, FUNIGANTS AND MISCELLANEOUS.
R W Storherr
Ass Offic Anal Chem J 45(2):409-410
May 1962 381 AS7
Allethrin, Bromides, Captan, Cyanides, Pesticide residues, Thiram.

6306-68
CLEANUP AND SEPARATION OF 3-AMINO-1,2,4-TRIAZOLE AND METABOLITES FROM VEGETABLE CROPS.
R W Storherr J Onley Ass Offic Anal Chem J 45(2):382-387, 9 REFS., 1 TAB. May 1962 381 AS7 Amitrole, Chromatography, Crops, Pesticide residues.

6307-68

DETERMINATION OF CHLORINATED PESTICIDE RESIDUES BY ELECTRON-CAPTURE GAS CHROMATOGRAPHY.

J O Watts A K Klein
Ass Offic Anal Chem J 45(1):102-108, 12 REFS.
Feb 1962 381 AS7
Chromatography, DDT , Pesticide residues.

6308-68
DETERMINATION OF 2,4-D AND OTHER CHLORINATED PHENOXY ALKYL ACIDS.
G Yip
Ass Offic Anal Chem J 45(2):367-376, 11 REFS., 4 TABS.
May 1962 381 AS7
Chromatography, Pesticide residues, 2,4-D.

60 TOXICOLOGY

6309-68
DIFFUSION OF DIHYDROSTREPTOMYCIN AND CHLOROTETRACYCLINE INTO MILK OF COWS FOLLOWING PARENTERAL ADMINISTRATION.
H Blobel C W Burch
Amer Vet Med Ass J 137(12):698-700, 8 REFS.
15 Dec 1960 41.8 AM3
Chlorotetracycline, Diffusion, Dihydrostreptomycin, Milk.

6310-68

SOLANUM ELAEAGNIFOLIUM, SILVER-LEAFED NIGHTSHADE, POISONING IN LIVESTOCK.

W B Buck J W Dollahite D J Allen
Amer Vet Med Ass J 137(6): 348-351, 8 REFS.
15 Sep 1960 41.8 AM3

Cattle, Poisonous plants, Sheep, Solanum elaeagnifolium.

6311-68

SERUM TRANSAMINASE ACTIVITIES IN CATS WITH HEPATIC NECROSIS.
C E Cornelius J J Kaneko
Amer Vet Med Ass J 137(1):62-66, 11 REFS.
01 Jul 1960 41.8 AM3
Cats, Hepatocellular necrosis,
Serum glutamic-oxaloacetic transaminase (SGO-),
Serum glutamic-pyruvic transaminase (SGP-T).

6312-68
ELUTION COLUMN PREPARATION OF LEAF SAMPLE FOR FLAME PHOTOMETRY. I. DETERMINATION OF POTASSIUM IN TOBACCO. J T Dobbins
Ass Offic Anal Chem J 44(2):360-366, 5 TABS., 4 FIGS. May 1961 381 AS7
Photometry, Potassium, Tobacco.

6313-68
NITRATE IN THE DIET IN PREGNANT EWES.
H F Eppson M W Glenn W W Ellis C S Gilbert
Amer Vet Med Ass J 137(10):611-614, 22 REFS.
15 Nov 1960 41.8 AM3
Feed, Nitrates, Pregnancy disease, Sheep.

METHOCARBAMOL IN THE CONTROL OF SEVERE SKELETAL MUSCLE SPASMS IN SMALL ANIMALS.
E Estrada
Amer Vet Med Ass J 137 (10): 585-588, 2 REFS.
15 Nov 1960 41.8 AM3
Methocarbamol, Muscle relaxants, Pentobarbital sodium, Spasms.

6315-68
THE UPTAKE FROM WATER BY SEVERAL SPECIES OF FRESH-WATER FISH OF P.P.:DDT, DIELDRIN, AND LINDANE THEIR TISSUE DISTRIBUTION AND ELIMINATION RATE.

D H Gakstatter
Diss Abstr Sect B 27 11) 03820B
May 1967 25055.U49D53
Aquariums, Dieldrin, DDT , Fish, Lindane, Water pollution.

6316-68
FIGHT ADDITIONAL CASES OF PANSTEATITIS (YELLOW FAT) IN CATS FED CANNED RED TUNA.
R C Griffiths G W Thornton J E Willson
Amer Vet Med Ass J 137(2):126-128, 2 REFS.
15 Jul 1960 41.8 AM3
Cats, Pansteatitis, Tocopheryl D, alpha-, Tunafish.

6317-68
BOVINE MASTOCYTOMA- A CASE REPORT.
A H Groth W S Bailey D F Walker
Amer Vet Med Ass J 137(4):241-244, 13 REFS.
15 Aug 1960 41.8 AM3
Dogs, Mastocytoma, Metastasis.

6318-68
THE DEVELOPMENT AND USE OF MICROBIAL INSECTICIDES CONTAINING ENTOMOGENOUS BACTERIA AND VIRUSES.
I M Hall
Mushi 39 SUP), 75-84
31 Mar 1967 421 M97

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Bacillus thuringiensis, Insecticides, Thuricide.
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6319-68 DETECTION OF TRIFLUPROMAZINE IN MILK. H Kadin Ass Offic Anal Chem J 44(4):751-753, 1 TAB. Nov 1961 381 AS7 Cattle, Milk, Triflupromazine.

6320-68 DETERMINATION OF GLYODIN (2-BEPTADECYL GLYOXALIDINE ACETATE) RESIDUES ON APPLES. A Kleinman Ass Offic Anal Chem J 44(2):214-218, 1 TAB. May 1961 381 AS7 Apples, Glyodin.

G321-68 CBROMATOGRAPHIC IDENTIFICATION OF SOME ORGANOPHOSPHATE INSECTICIDES. H F MacBae W F McKinley Ass Offic Anal Chem J 44(2):207-211, 14 REFS., 1 TAB., 2 FIGS. May 1961 381 AS7 Chromatography, Methodology.

6322-68 SCREENING METBOD FOR PESTICIDE RESIDUES ON FRUITS AND VEGETABLES. A Major H C Barry Ass Offic Anal Chem J 44(2):202-207, 1 TAB., 1 FIG. May 1961 381 AS7 Chromatography, Fruit, Pesticide residues, Vegetables.

6323-68 TBALLIUM INTOXICATION IN DOGS. G W Mather D G Low Amer Vet Med Ass J 137(9):544-549, 11 BEFS. 01 Nov 1960 41.8 AM3 Diphenylthiocarbazone, Dogs, Poisoning, Thallium.

6324-68 DETERMINATION OF METHIOTRIAZAMINE AND BITBIONOL IN POULTRY TISSUES AND OF METHIOTRIAZAMINE IN FEED. E W McChesney R Koss J M Shekosky Ass Offic Anal Chem J 44(4):744-750, 12 BEFS., 5 TABS. Nov 1961 381 AS7 Bithionol, Feed, Methiotriazamine, Pcultry, Tissues.

6325-68 COLLABOBATIVE STUDIES OF THE CBEMICAL ASSAY FOR PARALYTIC SHELLFISH POISON. E F McFarren J E Campbell Ass Offic Anal Chem J 44(2):278-281, 2 TABS., 1 FIG. May 1961 381 AS7 Assay, Poisoning, Shellfish.

6326-68 USE OF STARCH GEL ELECTROPBORESIS TO ILLUSTRATE INHIBITION OF RABBIT LIVER ESTEBASES BY ORGANOPHOSPHORUS PESTICIDES. WP McKinley S I Bead Ass Offic Anal Chem J 44(4):726-730, 1 TAB., 3 FIGS. Nov 1961 381 AS7 Azinphosmethyl, Carbaryl, Carbophenothion, Demeton, Diazinon, Dimethoate, Electrophoresis, Esterases, Ethion, Liver, Malathion, Methyl parathion, Mevinphos, Naled, Parathion, Phorate, Bonnel, Buelene, Schradan, Trichlorfon.

6327-68 THE QUANTITATIVE ANALYSES OF MICROGRAM QUANTITIES OF MIXTURES OF DDD AND P,P DDT.. W P McKinley G Savary C Webster Ass Offic Anal Chem J 44(2):193-196, 1 TAB., 2 FIGS. May 1961 381 AS7 DDT , Para para -DDT , Quantitative analysis, TDE .

6328-68 ADAPTATION OF THE USE-DILUTION METHOD TO PRIMARY EVALUATIONS OF DISINFECTANTS. L P Ortenzio L S Stuart Ass Offic Anal Chem J 44(3):416-420, 3 FIGS. Aug 1961 381 AS7 Bactericides, Salmonella bacterins, Staphylococcus.

6329-68 FEDERAL CONTBOL OF PESTICIDES. E P Beagan Acrial Appl 2(3):4 Mar 1964 333.8 AE8 Agricultural administration, Pesticide residues, Pesticides,

Public health, Toxicology.

6330-68 A DISORDEB RESEMBLING HEMOPHILIA B (CHRISTMAS DISEASE) IN DOGS. H C Rowsell H G Downie J F Mustard J E Leeson J A Archibald Amer Vet Med Ass J 137(4):247-250, 12 REFS. 15 Aug 1960 41.8 AM3 Blood coagulation, Dogs, Hemophilia.

6331-68 THE CAUSE OF ALIMENTARY TOXEMIA IN CHICKENS, TOXIC FAT- ITS EFFECT ON SWINE PERFORMANCE. L C Scott Amer Vet Med Ass J 137(4):258-260, 13 REFS. 15 Aug 1960 41.8 AM3 Alimentary toxemia, Chickens, Swine.

6332-68 DETERMINATION OF LEAF-MINER MAGGOTS IN SPINACB. F R Smith Ass Offic Anal Chem J 44(2):338-339 May 1961 381 AS7 Leaf miners, Maggots, Spinach.

6333-68 DETERMINATION OF 3-AMINO-1,2,4-TRIAZOLE IN CROPS. R W Storherr J Burke Ass Offic Anal Chem J 44(2):196-199, 1 TAB. May 1961 381 AS7 Amitrole, Cranberries, Crops.

6334-68 THERAPEUTIC EFFECT OF PYRIDINE-2-ALDOXIME METHIODIDE IN PABATHION POISONED MAMMAIS. B Svetlicic M Vandekar J Comp Pathol 70(1):257-271, 6 TABS., 5 FIGS. Jan 1960 41.8 J82 Mammals, Parathion, PAM, Pyridine-2-aldoxime methiodine.

6335-68 SUSPECTED SCILLA NON-SCRIPTA BLUEBELL) POISONING IN CATTLE. R H C Thursby-Pelham Vet Rec 80 24) 709-710 17 Jun 1967 41.8 V641 Cattle, Poisoning, Poisonous plants, Scilla nonscripta.

6336-68 PULMONABY ADENOMATOSIS IN SOUTH CARCLINA CATTLE. C L Vickers W T Carll B W Bierer J B Thomas B D Valentine Amer Vet Med Ass J 137(9):507-508, 11 REFS. O1 Nov 1960 41.8 AM3 Cattle, Feed, Jaagziekte, Pulmonary emphysema.

6337-68 NEOPLASMS FROM CAPTIVE WILD SPECIES. J R Wadsworth W M Williamson Amer Vet Med Ass J 137(7):424-425 01 Oct 1960 41.8 AM3 Birds, Mammals, Neoplasms.

6338-68 TUMORS AND TUMOR-LIKE LESIONS OF SNAKES. J R Wadsworth Amer Vet Med Ass J 137(7): 419-420, 5 REFS. 01 Oct 1960 41.8 AM3 Caseous necrosis, Neoplasms, Snakes.

6339-68 SPASTIC LAMENESS OF THE BINDLIMBS OF AN ABERDEEN ANGUS HEIFER. J D Wheat Amer Vet Med Ass J 137(11):659-660, 3 REFS. Ol Dec 1960 41.8 AM3 Aberdeen Angus cattle, Lameness, Paresis, Surgery.

6340-68 THE IMMUNIZATION OF BORSES WITH BOTULINUM TOXOID. P G White G S Appleton Amer Vet Med Ass J 137(11):652-653, 7 REFS. 01 Dec 1960 41.8 AM3 Antitoxins, Botulism, Borses, Immunization, Poisoning.

6341-68 DETERMINATION OF PETROLFUM ETBER EXTRACTS IN TOBACCO. JE Wickman L S Harrow Ass Offic Anal Chem J 44(2):357-360, 1 TAB., 1 FIG. May 1961 381 AS7 Extracts, Ligroine, Tobacco.

65 PLANT PHYSIOLOGY & BIOCHEMISTRY

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6342-68
    HORMONAL REGULATION OF CITRUS LEAF ABSCISSION AND ITS RELATIVE INFLUENCE ON PROTEIN SYNTHESIS.
   J C Bakhshi
Diss Abstr Sect B 27 11) 03726B
May 1967 Z5055.U49D53
Abscission, Citrus, Gibberellic acid, Indoleacetic acid,
Plant biochemistry, Plant regulators, Proteins.
6343-68
    INTERACTION OF GROWTH REGULATORS IN THE
   INTERACTION OF GROWTH REGULATORS IN
SENESCENCE OF NASTURTIUM LEAF DISKS.
L Beevers F S Guernsey
Nature 214 5091), 941-942, REF
27 May 1967 472 N21
Plant senescence, Tropaeolum majus.
    NATURE AND QUANTITIES OF MATERIALS LEACHED FROM VICTORIN-
    TREATED TISSUES.
    H S Black
    Phytopathology 53(8):871
Aug 1963 464.8 P56
    Electrolytes, Nitrogen, Oats, Potassium, Sodium, Tissues,
    Victorin.
6345-68
   THE EFFECT OF THE REPLACEMENT OF CONCENTRATES BY ROOTS ON THE INTAKE AND PRODUCTION OF DAIRY COWS.

M E Castle A D Drysdale R Waite J N Watson
J Dairy Res 30(2):199-207, 11 REFS.
Jun 1963 44.8 J823
    Dairy cattle, Feed, Roots.
6346-68
   EFFECTS OF B-NINE AND CYCOCEL ON SOME ANATOMICAL, CHEMICAL, AND PHYSICAL FACTORS INFLUENCING LEAF COLOR AND STEM STRENGTH OF CHRYSANTHEMUM MORIFOLIUM L. CV. CRITERION AND EUPHORBIA PULCHERRIMA WILLD. CV. ELISABETH ECKE.
    C E Crittendon
   Diss Abstr Sect B 27 11)03740B
May 1967 Z5055.U49D53
Chlorcethyl)trimethylammonium chloride, 2-,
Chrysanthemum morifolium, Euphorbia pulcherrima,
Plant anatomy, Plant bicchemistry,
Succinic acid, 2,2-dimethylhydrazide.
    ON THE UTILIZATION OF AMINO ACIDS BY ASPERGILLUS FLAVUS FOR
    NITRIFICATION.
    H J Hatcher
    Diss Abstr Sect'B 27 11)03821B
May 1967 25055.U49D53
Amino acids, Aspergillus flavus, Nitrification.
    PERCEPTION OF ENVIRONMENTAL STIMULI ORIENTING GROWTH AND
    MOVEMENT IN LOWER PLANTS.
    W Haupt
   w Haupt
Annu Rev Plant Physiol 16:267-290, 130 REFs.
1965 450 AN78
Environment, Growth factors, Phototropism, Plants,
Polarization.
6349-68
   STUDIES ON THE PROPERTIES OF NEW ZEALAND BUTTERFAT. VIII.
THE PATTY ACID COMPOSITION OF THE MILK FAT OF COWS GRAZING
ON RYEGRASS AT TWO STAGES OF MATURITY AND THE COMPOSITION
OF THE RYEGRASS LIPIDS.
J. C. Hawke
   J Dairy Res 30(1):67-75, 28 REFS.
Feb 1963 44.8 J823
Cattle, Fatty acids, Lipids, Lolium, Milk fat.
   IMMEDIATE LOSS OF FLAGELLA FROM CHLAMYDOMONAS REINHARDI AFTER ULTRAVIOLET IRRADIATION.
   A R Hipkiss
Radiat Bot 07 4), 347-349
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Aug 1967 450 R11
Chlamydomonas reinhardi, Flagella, Ultraviolet rays.

6351-68
RADIATION-INDUCED LOSS OF REFRODUCTIVE INTEGRITY IN THE STAMEN BAIRS OF TRADESCANTIA BLOSSFELDIANA MILDER A TWELVE-FLOID SPECIES.
S Ichikawa A B Sparrow
Radiat Bot 07 4), 333-345 REF
Aug 1967 450 R11
Cesium, Radiation, Reproduction, Tradescantia blossfeldiana.
Abstract included.

6352-68
CCMFARISON OF THE EFFECTS OF GIBBERELLIC ACID AND AFLATOXIN IN GERMINATING SEEDS.
B C Jones B S Black A M Altschul
Nature 214 5084), 171-172
08 Apr 1967 472 N21
Aflatoxin, Cottonseed, Gibberellic acid, Seed germination.
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6353-68 OBSERVATIONS ON PATBOGENICITY OF STREPTOMYCES SCABLES ON TUBERS FROLUCED IN VITRO. C H Lawrence W G Barker R M Graham Phytopathology 53(8):880 Aug 1963 464.8 P56 Pathogenicity, Streptomyces, Tubers.

6354-68 RESPIRATORY ELECTRON TRANSPORT. M Lieberman J E Baker Annu Rev Plant Physiol 16:343-382, 310 REFS. 1965 450 AN78 Electrons, Mitochondria, Phosphorylation, Plant respiration.

6355-68 STUDIES ON THE PROPERTIES OF NEW ZEALAND BUTTERFAT. VII. EFFECT OF THE STAGE OF MATURITY OF RYEGRASS FED TO COWS ON THE CHARACTERISTICS OF BUTTERFAT AND ITS CAROTENE AND VITAMIN A CONTENTS. F B McDowall W A McGillivray J Dairy Res 30 (1):59-66, 14 REFS. Feb 1963 44.8 J823 Cattle, Iolium, Milk fat, Vitamin A.

6356-68 STUDIES ON THE PROPERTIES OF NEW ZEALAND BUTTERFAT. VI CCMPARISON OF THE PROPERTIES AND VITAMIN A POTENCIES OF BUTTERFATS PRODUCED BY CLOVER-FED AND RYEGRASS-FED DAIRY COWS. F B McDowall W A McGillivray J Dairy Res 30 (1):47-57, 14 REFS. Feb 1963 44.8 J823 Clover, Dairy cows, Lolium, Milk fat, Vitamin A.

6357-68 RADIATION-INDUCED SOMATIC MUTATIONS AND THE LOSS OF REPRODUCTIVE INTEGRITY IN TRADESCANTIA STAMEN BAIRS. G G Nayar A B Sparrow Radiat Bot 07 4), 257-267 REF Aug 1967 450 R11 Cobalt, Gamma rays, Mutations, Tradescantia. Abstract included.

6358-68 LOW MOLECULAR WEIGHT PBENOLS IN BIGHER PLANTS. J B Pridham Annu Rev Plant Physiol 16:13-36, 175 REFS., 1 TAB 1965 450 AN78 Amines, Bydroxy acids, Molecular weight, Phenols, Plants.

6359-68 SOIL METABOLISM. J B Quastel Annu Rev Plant Physiol 16:217-240, 238 REFS. 1965 450 AN78 Metabolism, Soil aeration, Soil chemistry, Soil structure, Soils.

6360-68 GIBBERELLIN-LIKE SUBSTANCES FROM ECBINOCYSTIS MACROCARPA GREENT. T J Reilly Diss Abstr Sect B 27 11) 03828B May 1967 25055.049053 Ccrn, Cucumbers, Echinocystis macrocarpa, Plant biochemistry, Plant physiology.

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6361-68
  STEM ELONGATION.
  Annu Rev Plant Physiol 16:73-96, 179 REFS. 1965 450 AN78
  Dwarfing, Plant hormones, Plants, Stems.
6362-68
  ALKALOIDS OF LUPINUS WESTIANUS SMALL.
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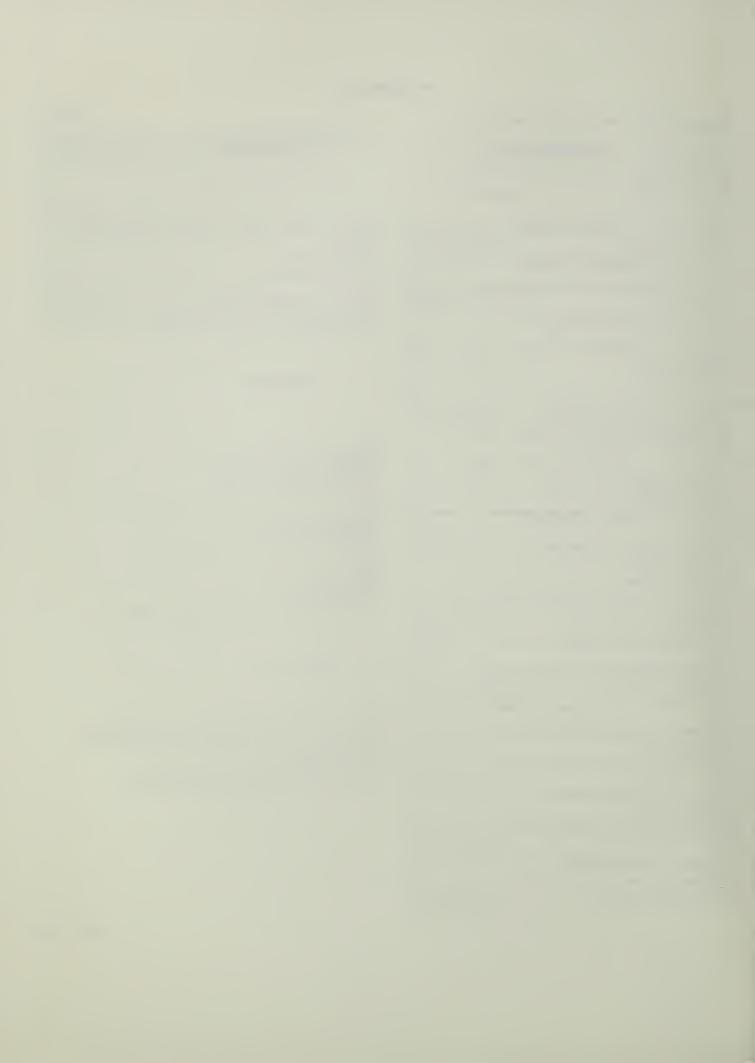
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ABNORMALITIES Further observations on a congenital cyclopian-type mal	5850	ACIDOPROCTUS A note on the identity of Acidoproctus mopkinsi mexicanu Carriker, 1954 (Mallophaga: Philopteridae).	ıs 5448
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ABORTION Abortion of cattle associated with natural Listeria monocytobenes infection.	6114	Mating behavior of the big-headed grasshopper, Aulocara elliotti Orthoptera, Acrididae), under caged conditions	; 5613
The isolation of a viral agent from epizootic bovine abortion.	6 17 0	ACHONYCHES Generic and subfamily changes, new synonymy, new names,	
ABSCISSION Hormonal regulation of citrus leaf abscission and its retive influence on protein synthesis.	ela- 6342	ACROTARNIA	5521
The anatomy and physiology of citrus fruit abscission is duced by iodoacetic acid.	n- 6368	A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera).	5474
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ACANTHOCERUS Revision of the cactus plant bug genus Hesperolabops Ki: kaldy HemipteraO Miridae).	r - 5477	ACTRINOSIPHON DIRHODUM Biology studies of Macrosiphum avenae Fabr.), Acyrthosi phon dirhodum Walker), and Rhopalosiphum padi I.) on	
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ACARICIDES Experimental materials to control citrus scale insects : Florida.	in 5595		eet. 6051
Report on chlorinated insecticides and miticides.	5735	ADSORPTION Infrared studies of the mechanisms of adsorption of urea its herbicidal derivatives by montmorillonite.	and 5901
ACARINA A new genus and three new species of eriophyid mites (Acarina).	5438	AEDES Studies on the responses of the female Aedes mosquito. X comparison of oestrogens and amino acids as attractants.	
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Information about point-of-pull-up.	6424	Eradication versus control in communicable disease prevention.	5 71 3
Project leapfrog.	6425	AEDES CANADENSIS	
The combined factors on obstruction avoidance.	6426	Aedes canadensis Theobald) feeding on Blanding:s turtle	5608
The ag pilot and how to protect him.	6431	AEDES CINEREUS Aedes canadensis Theobald) feeding on Blanding:s turtle	
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The ag pilot and how to protect him.	6432	AEDES COMMUNIS Aedes canadensis Theobald) feeding on Blanding:s turtle	5608
ACER Antagonistic effects of some soil fungi on Verticillium isolated from maple trees. ACETAMIDE	sp. 5767	AEDES STICTICUS Eggs of floodwater mosquitoes. x. conditioning and hatc ing of winterized eggs of Aedes sticticus Diptera, Culicidae).	h- 5624
Effects of solutes on the polymerization of TMV protein ACETIC ACID	5831	AEDES STIMULANS Eggs of floodwater mosquitoes. x. conditioning and hatc ing of winterized eggs of Aedes sticticus Diptera,	
The magnesium contents of soils and groups	5727		56211

AEDES TARNIORBYNCBUS AEDES TAENIORBYNCHUS Cessna enters aerial application field. 6415 The pupation rhythm in Aedes taeniorhynchus Diptera, Culicidae). iI. ontogenetic timing, rate of development, and endogenous diurnal rhythm of pupation. 5647 Tandem helicopter designed for ag application. 6417 Importance of ground effect on performance. 6423 AERATION Nature, origin and prevention of hydrogen sulphide aroma in Information about point-of-pull-up. 6424 6258 vines. Project leapfrog. 6425 AERTAL BRUSH CONTROL Bell helicopter research and development widens rotary wing versatility in aerial application. 5717 The combined factors on obstruction avoidance. 6426 versatility in aerial application. Factors determining aircraft pitch rate. 6427 AERIAL DUSTING Advantages of fixed-wing and rotary-wing aircraft in agri-cultural aerial application - a symposium - The rotary-wing story The fixed-wing story. Accidents in aerial application operations 1962. 6428 Wiley bays downwind turn. 6429 Pros and cons of controversial CFR part 55- Federal legislation vital to aerial applicators. The pros of part 55. The ag pilot and how to protect him. 6431 The ag pilot and how to protect him. 6432 AERIAL FERTILIZING Low volume spinning pesticide nozzle. 6436 Bell helicopter research and development widens rotary wing versatility in aerial application. 571 Research: what is it s value. 6442 Pros and cons of controversial CFR part 55- Federal le-AERIAL FIRE CONTROL Advantages of fixed-wing and rotary-wing aircraft in agri-cultural aerial application - a symposium - The rotary-win story The fixed-wing story. gislation vital to aerial applicators. The pros of part 55. ing 5731 6443 AERIAL TRANSFER Fallout 137Cs, direct aerial transfer as an important ARRIAL INSECT CONTROL Mosquito control by aircraft. source of foliar deposition. 5693 6367 ABRIAL WEED CONTROL Bell helicopter research and development widens rotary wing 5717 The permanent war on the mosquito. 5708 Taters get copter treatment: lower cost, better protection with aerial application for New England potato crops Importance of ground effect on performance. 6423 Pinpoint spraying - accurate spraying application credited for a 99.7 per cent kill. The combined factors on obstruction avoidance. 6426 California department of agriculture contracts with aircraft Factors determining aircraft pitch rate. 6427 operators for beetleaf hopper control. AEROMONAS Killing Texas screw worms from the air. Experimental ulcerative stomatitis in king snakes. AERIAL LIVESTOCK DEODORIZING AEROMONAS LIQUEFACIENS 5914 Etiology of a disease syndrome in the giant African snail Achatina fulica Bowdich. 5 Dainty dogies in phoenix. RIAL PEST CONTROL Advantages and problems in citrus pest control by aerial ap-5840 AERIAL PEST CONTROL AERONAUTICS Facts and figures the public should know. 5723 Pros and cons of controversial CFR part 55- Federal legislation vital to aerial applicators. The pros of part AERIAL PLANT DISEASE CONTROL Taters get copter treatment: lower cost, better protection with aerial application for New England potato crops 6443 AFT. ATOXIN AERIAL SEED PLANTING Comparison of the effects of gibberellic acid and aflatoxin Bell helicopter research and development widens rotary wing versatility in aerial application. 5717 in germinating seeds. 6352 AFRICA Aircraft applications of insecticides in East Africa XIV Aircraft applications of insecticides in East Africa XIV. Very-low-volume aerosols of dieldrin and isobenzan for the very-low-volume aerosols of dieldrin and isobenzam for the control of Glossina morsitans westw. 5694 control of Glossina morsitans westw. 5694 AGALLIA CONSTRICTA 5715 Monolayer cultures of insect cell lines and their inoculation with a plant virus. Safety rules for agricultural ground crews. 5601 Bell helicopter research and development widens rotary wing versatility in aerial application. 5717 AGAPOSTEMON Notes on the biology of Philanthus bicinctus (Hymenoptera: Sphecidae). 58 5843 Advantages of fixed-wing and rotary-wing aircraft in agricultural aerial application - a symposium - The rotary-story The fixed-wing story. Taxonomic notes on the genus Ageniella (Hymenoptera: 5571 Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenop tera: Sphecidae and Pompilidae). Aircraft are not enough. 5732

AGGLUTINATION

6270

6296

Indirect hemagglutination test for chickens infected artificially with Escherichia coli.

61

5857

6169

of chemical.

Pesticide drift residue.

Spray drift claims are murder.

Take one teaspoonful of malathion: planes can now fly higher, make a wider swath, and use an unbelievable small amount

ALLOTROPA CONVEXIFRONS

AGRIBUSINESS Pesticides and the industry -as viewed by the agricult press.	ural 6438	Information about point-of-pull-up.	6424
AGRICULTURAL ADMINISTRATION		Project leapfrog.	6425
Dept. of Agriculture announces new pesticides monitori program.	ng 6266	Factors determining aircraft pitch rate.	642 7
		Accidents in aerial application operations 1962.	6428
Pederal control of pesticides.	6329	The ag pilot and how to protect him.	6432
AGRICULTURAL AVIATION Cessna enters aerial application field.	6415	Engine-powered distributor for fixed-wing aircraft.	6434
AGRICULTURAL AVIATION ASSOCIATIONS CAAA safety record earns refund check.	6418	AIRCRAFT OPERATION The combined factors on obstruction avoidance.	6426
AGRICULTURAL CHEMISTRY The history and use of agricultural chemicals.	5656	AIRSACCULITIS Airsacculitis in poults from different strains of turke	ys. 5950
AGRICULTURAL ECONOMICS	5700	N. D.T.V.T.O.W	3330
Facts and figures the public should know.	5 72 3	ALBINISM The effect of temperature on the development of two spe	
Research: what is it s value.	6442	of oribatid mites AcarinaO Oribatei).	5635
AGRICULTURAL LEGISLATION Pros and cons of controversial CFR part 55- Federal le gislation vital to aerial applicators. The pros of par		ALCIPPUS A new species of Alcippus from Equador (Heteroptera: Pentadomidae).	5551
ACDICHIMADAI DECENDO	0445	ALCOHOLIC BEVERAGES	61100
AGRICULTURAL RESEARCH Agricultural research today and tomorrow.	6392	Determination of furfural in distilled spirits. ALDRIN	6408
AGRICULTURE Elements of entomology - the economics.	6440	Effect of insecticidal seed treatments on rice.	5875
AGRINYCIN		Metals, other elements, and residues in foods.	6304
Effect of selected fungicides and antibiotics on Xanth nas malvacearnm in vitro.	omo- 5748	Report on analytical methods for pesticide formulations	6385
AGROBACTERIUM TUMEFACIENS Bexuronic acid metabolism in Agrobacterium tumefaciens		Infrared analysis of aldrin emulsible concentrates: 196 aOAC collaborative test program.	6398
AGROMYZIDAE	5769	Total chlorine and infrared methods for the determinati aldrin, dieldrin, and endrin formulations.	on of 6399
Notes on new host plant records and parasites of Lirio sorosis in Plorida DipteraO Agromyzidae).	myza 5667	Determination of aldrin, dieldrin, or endrin in formula	tions 6412
Some new host plant records and parasites of Phytobia auromyza) maculosa in Florida DipteraO Agromyzidae).	Am- 5881	ALEUTIAN DISEASE Observations on the etiological agent of plasmacytosis mink. Evidence suggesting a relationship of the agent t	of
AGRCPYROM Insects collected on Wyoming rangeland in connection w	ith	the granules of a mycobacterium species.	6087
grasshopper-egg sampling.	5864	ALPALPA Etiology and prevention of legume bloat.	60 7 5
AGROSTEMMA Experimental studies of the mortality and plasticity o weed.	f a 5902	Pesticide drift residue.	6270
AIR		Fallout 137Cs, direct aerial transfer as an important source of foliar deposition.	636 7
A comparison by means of X-irradiation in air and in o of the snppressor-erupt systems in several strains of sophila melanogaster.	xygen Dro- 5681	ALGAE Dept. of Agriculture announces new pesticides monitorin	ıg
AIR POLLUTION Chronic poisoning of sheep and goats by lead.	5986	program. ALIMENTARY TOXEMIA	6266
AIR SACULITIS Artificially induced Escherichia coli infection in chi	lled	The cause of alimentary toxemia in chickens, toxic fat- effect on swine performance.	6331
chicks.	5948	ALKALOIDS	6362
Pathogenicity to chicks of Mycoplasma associated with turkey airsacculitis.	6 197	Alkaloids of Lupinus westianus Small. ALLAPORUS	0302
AIRCRAPT Mosquito control by aircraft.	5693	A new allaporus from southern Texas (Hymenoptera: Pompilidae).	5470
The permanent war on the mosquito.	5708	ALLETHRIN Metals, other elements, and residues in foods.	6304
Safety rules for agricultural ground crews.	5715	Report on fungicides, fumigants and miscellaneous.	6305
Advantages of fixed-wing and rotary-wing aircraft in a cultural aerial application - a symposium - The rotary	gri- -wing	ALLOTROPA BURRELLI Possibility of biological control of Pseudococcus	
story The fixed-wing story. Aircraft are not enough.	5731 5732	comstocki in Japan. ALLOTROPA CONVEXIFRONS	5871
Cessna enters aerial application field.	6415	Possibility of biological control of Psendococcus comstocki in Japan.	5871
Importance of ground effect on performance	6413	TOTAL TA GUPUNT	3371

ALTERNARIA SOLANI	
ALTERNARIA SOLANI Studies of hyphal morphogenesis, pathogenicity, and toxin production of Alternaria solani. 5812	AMO-1618 Reduction of symptoms associated with high-phosphorus levels in soybeans by Amo-1618. 5779
Inducing sporulation in different strains of Alternaria solani. iI. effect of ultraviolet light. 6366	AMPHELICTUS Descriptions and records of Hesperophanini with keys to the species of Anatinomma and Amphelictus (Coleoptera: Cer-
ALTITUDE Environmental factors related to medusahead distribution	ambycidae). 5453
5898 ALUMINUM	AMYLOIDOSIS Amyloid in the liver of ducks. 6148
Aluminum in soils and plants on the coastlands of british guiana. 5728	ANABITTACUS New and uncommon neotropical Mecoptera. 5446
ALYDUS PILOSULUS Biology of the broadheaded bug Alydus pilosulus Hemiptera, Alydidae). 5675	ANAGYRUS SUBALBIPES Possibility of biological control of Pseudococcus comstocki in Japan. 5871
AMATIDAE Some eggs of moths among the Amatidae, Archtiidae, and Nctodontidae - Lepidoptera. 5649	ANAPHOTHRIPS ORCHIDACEUS ORCHIDACEUM Redescriptions of Anaphothrips orchidaceus and A. orchide- arum ThysanopteraOThripidae). 5556
AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS Resume of the seventh annual meeting american association of avian pathologists. chicago, ill. july 20, 1964. 5926	ANAPHOTHRIPS ORCHIDACEUS ORCHIDACEUS Redescriptions of Anaphothrips orchidaceus and A. orchide- arum ThysanopteraOThripidae). 5556
AMERICAN VETERINARY MEDICAL ASSOCIATION Symposium on poultry viruses. 5924	ANASTREPHA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana:
AMINES Low molecular weight phenols in higher plants. 6358	(Diptera). 5474
AMINO ACIDS Intraporulation variability as a restrictive factor in the use of free amino acids in comparative taxonomy. 5564	ANATINOMMA Descriptions and records of Hesperophanini with keys to the species of Anatinomma and Amphelictus (Coleoptera: Cerambycidae). 5453
Studies on the responses of the female Aedes mosquito. X. comparison of oestrogens and amino acids as attractants.	ANCISTROCERUS A note on Ancistrocerus tigris in trapnests in Wisconsin (Hymenoptera: Vespidae). 5524
Studies on the amino acid sequence of Holmes rib-grass strain virus protein. I. Separation of pH 4.5 soluble tryptic peptides and amino acid sequences of some small pep- tides of Holmes rib-grass strain virus protein. 5787	Notes on the biology of Philanthus bicinctus (Hymenoptera: Sphecidae). 5843
On the utilization of amino acids by Aspergillus flavus for	An anomalous specimen of Andrena chlorogaster Viereck (Hymenoptera: Apoidea). 5549
nitrification. 6347	Notes on the biology of Philanthus bicinctus (Hymenoptera:
AMINO ACIDS, D- The nutritional value of d-amino acid in chick nutrition. 6171	Sphecidae). 5843 Andrena of the Colorado front range: species of the typical
AMINO-4-DIMETHYLAMINO-5- (4-CHLOROPHENYL)-6-ETHYLPYRIMIDINE, Synergistic action of sulphaquinoxaline and 2-amino-4-	subgenus on Salix (Hymenoptera: Apoidea). 5863
dimethylamino-5-(4-chlorophenyl)-6-ethylpyrimidine in caecal coccidiosis in chickens.	Toxicity of common and hairy wetch seed for poults and chicks. 6034
AMINOTRANSFRRASES Changes in serum transaminase activities associated with plant and mineral toxicity in sheep and cattle. 5961	The influence of dietary ascorbic acid on the severity of beta-aminopropionitrile (BAPN) toxicity in turkeys. 6177
AMITROLE Metals, other elements, and residues in foods. 6304	Influence of reserpine and antibiotics on incidence of dis- secting aneurysm in turkeys as induced by beta-aminopropio- nitrile. 6186
Cleanup and separation of 3-amino-1,2,4-triazole and metabolites from vegetable crops. 6306	Influence of reserpine and antibiotics on growth and on beta-propionitrile-induced dissecting aneurysms in turkeys.
Determination of 3-Amino-1,2,4-triazole in crops. 6333	6187
AMMONIA The adverse effects of ammonia on chickens including resistance to infection with Newcastle disease virus. 5934	ANIMAL DISEASE TRANSMISSION Isolation of Vibrio fetus from the feces of lambs and pencontact transmission of the infection. 5959
Detection, identification and control of Poria carbonica	Equine salmonellosis. 5960 Attempt at transmission of shipping fever. 6013
and other fungi in Douglas fir poles. 6259 AMMONIUM ACETATE	A viral encephacomyelitis of pigs, furthur studies on the
The magnesium contents of soils and crops. 5737 AMMONIUM CHLORIDE	transmittability of the disease in Ontario. 6146 ANIMAL DISEASES
Report on analytical methods for pesticide formulations. 6385	Etiology of a disease syndrome in the giant African snail Achatina fulica Bowdich. 5913
AMMOPHILA Additions to the knowledge of the nesting behavior of North	Bacterial and viral disease. 6049
American Ammophila (Hymenoptera: Sphecidae). 5874	Small animal literature index. 6090

6149

Certain important animal diseases in Great Britain.

Effects of limb disability on lousiness in mice. iV. ev	i-	liasis under practical conditions.	6068
dence of genetic factors in susceptibility to Polyplax serrata.	6209	Removal of Syngamus trachea, gapeworm, from pheasants w subcutaneously injected Disophenol.	with 6234
NIMAL GENETICS Veterinary genetics.	6203	Effects of feeding Hygromix on growth, feed conversion	and
Some possible effects of malathion and EPN on mice.	6291	the anthelmintic action on Ascarida galli and Heterakis gallinarum roundworms of poultry.	6243
NIMAL HISTOLOGY A histological study of a peritoneal carcinomatosis in laying hen.	the 6107	ANTHONOMUS GRANDIS H-3-thymidine radioautographic study of spermatogenesis the boll-weevil, Anthonomus grandis Coleoptera, Curcul onidae).	
NIMAL HUSBANDRY Modern trends: Preventive medicine - Modern management.	6153	Wheat-germ diets for insects, rearing the boll weevil a the salt-marsh caterpillar.	
NIMAL NUTBITION Some nutritional aspects of experimental infection with salmonella pullorum.	6070	Take one teaspoonful of malathion: planes can now fly her, make a wider swath, and use an unbelievable small a of chemical.	
The nutritional value of d-amino acid in chick nutrition	on. 6171	Cotton insect research at Tallulah, louisiana.	6441
The nonessentiality of glycine and the essentiality of proline in the chick nutrition.	1- 6172	Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae).	era: 5843
Variation in zinc content and other properties of various porcine muscles.	ous 6254	ANTHRACNOSE (CUCUMBERS) Influence of bacteria from leaves on cucumber anthracno protectant tests in the greenhouse.	ose in 5817
Mineral supplements for cattle.	6255	ANTHRAX	3017
NOBIIDAE A field test of a lindane/dieldrin smoke for control of death-watch beetle, Xestobium ruffouillosum (deg.) (Colortera, Anobiidae).		The biology of Anthrax limatulus fur (Osten Sacken), wi a key to and description of pupae of some species in th Anthrax albofasciatus and Trimaculatus groups (Diptera: Bombyliidae).	he
Insects of pine comes in Arkansas.	5838	ANTIBIOTICS	
NOETIDAE A dispersal mechanism in mites. (Acarina: Anoetidae).		Treatment of hatching eggs for disease prevention - fac affecting permeability and a visual detection of drug absorption.	5931
	5619	Nihydrazone and the salmonella infections.	5946
NOMMATOPHILUS New species and new records of Pygostenini from Liberta Ivory Coast, and Cameroun (Ccleoptera: Staphylinidae).		The additive effects of nucleic acids and antibiotics a individual growth promotants for chicks.	as 6000
ANOPHELES	5501	Persistent diarrhea in colts associated with Aspergillu	us 6080
Eradication versus control in communicable disease prevention.	5713	funigatus.	
ANOPHELES BARBIROSTRIS	5/13	Evaluation of antibiotic treatment of Mycoplasma gallis ticum infection by the use of chickens and turkeys from infected entrying.	
Salivary gland chromosomes in four species of Tropical Anophelines, Anopheles subpictus, A vagus, A hyrcanus nigerrimus and A barbirostris.	5682	<pre>infected embryos. Interrelationships between antibiotics and terephthalic in diets for laying hens.</pre>	
ANOPHELES HYBCANUS Salivary gland chromosomes in four species of Tropical Anophelines, Anopheles subpictus, A vagus, A hyrcanus		Observation on the effect of vitamin and antibiotic injections on early turkey poult growth and mortality.	6165
nigerrimus and A barbirostris.	5682	ANTIBODIES	
ANOPHELES SUBPICTUS Salivary gland chromosomes in four species of Tropical Anophelines, Anopheles subpictus, A vagus, A hyrcanus		Investigation of an epidemic of St. Louis encephalitis Danville, Kentucky, 1964.	in 5706
nigerrimus and A barbirostris.	5682	Antigens associated with Prunus necrotic ringspot viros	5 7 52
ANOPHELES VAGUS Salivary gland chromosomes in four species of Tropical Anophelines, Anopheles subpictus, A vagus, A hyrcanus	5682	Specific virus adsorption by antibodies coupled to a so matrix.	olid 5788
nigerrimus and A barbirostris. ANOPLIUS Notes on the prey and nesting behavior of some solitary		The prevalence of leptospiral antibodies in sera from sheep in illinois.	5975
wasps of Mexico and southwestern United States (Hymenop tera: Sphecidae and Pompilidae).		Studies on the infectious bronchitis virus of chickens lated in Finland with reference to the serological sur of its occurrence.	
AMOPLURA Effects of limb disability on lousiness in mice. iV. ev	i-	The use of serum and blood dried on blotting paper in t	
d∈nce of genetic factors in susceptibility to Polyplax serrata.	6209	detection of foot-and-mouth disease antibody.	6012
ANTENBAR		Further studies of a mercaptoethanol-sensitive Brucella glutinin in bovine milk.	a ag- 6022
A trifurcate tiger beetle antenna (Coleoptera: Cicindelidae).	5577	The transfer of antibodies from the mother cat to her newborn kittens.	6032
ANTHELMINITES Some investigations into the tolerance of menichlophola 2,2:-dihydroxy-3,3:-dinitro-5,5:-dichlordiphenyl or #Bilevon-##) in sheep when used for treatment of fascio		Evaluation of the immunity response to infectious bronc virus.	chitis 6045

ANTIBODIES

	SOBOLCI	INDUK	
ANTIGENS			
RIF infection in a commercial flock of chickens.	6074	APOIDEA	
The effect of intranasal exposure to Mycoplasma synovia and infectious bronchitis on development of agglutinins		An anomalous specimen of Andrena chlorogaster Viereck (Hymenoptera: Apoidea). 5	5549
The complement fixing antibody response of calves to	6110	APPLES Determination of glyodin (2-heptadecyl glyoxalidine acetate) residues on apples. 6	5320
Dictyocaulus Viviparus. I. Exposure to natural and experimental infection.	6223	Application of 4-(p-nitrobenzyl)pyridine as a rapid quant	ti- 5381
A simplified tissue-culture technique to detect Rous sarcoma virus and its application in antibody assays.	6420	APPRESSORIA Effect of light on the maturation of appresoria in Erysip	phe
ANTIGENS Antigens associated with Prunus necrotic ringspot viros		AQUARIUMS	5820
Studies of Proteus organisms of canine origin.	5752 6009	The uptake from water by several species of fresh-water f of p,p:DDT, dieldrin, and lindane their tissue distribution and elimination rate.	
Comparison by neutralization tests of strains of virus isolated from virus diarrhea and mucosal disease.	6020	AQUATIC ANIMALS Effects on aquatic insects of forest spraying with phosph	na –
Serological studies on pasteurella multocida. II. Chara			5615
teristics of somatic (0) antigen of the organism. Serological studies on Pasteurella multocida III. 0	0101	Bottom organisms of the Beaver Reservoir Basin: a	5426
antigenic analysis of cultures isolated from various animals.	6102	Effects on aquatic insects of forest spraying with phosph midon in New Brunswick.	ha- 5 61 5
Cellular pathogenesis of vesicular exanthema of swine v	6205	Effects of forest spraying with DDT on aquatic insects of salmon streams in New Brunswick.	f 5628
Antigenic analysis of a Metazoan parasite, Toxocara can I. extraction and assay of antigens.	is. 6231	Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon.	5634
ANTIOXIDANTS 3-methylcholanthrene-induced embryonic deformities in t chick. prevention by the antioxidant, n,n:-diphenyl-p-phenylene diamine dppd).	he 6124	ARACHNIDA	5572
ANTIRRHINUM	5828	ARAMITE Metals, other elements, and residues in foods.	5304
Cercospora leafspot of snardragons. ANTISEPTICS		ARANEIDA Araneida as predators of the fall webworm. 5	5674
Report of subcommittee a on recommendations of referees	5733	The effect of various factors on surveys of predaceous insects in soybeans.	5856
ANTITOXINS The immunization of horses with Botulinum toxoid.	6340	ARBOROPHILA CHARLTONII A new species of Somaphantus MenoponidaeO Mallophaga)	11.65
AONIDIELLA Trials with dimethoate against the California red scale Aonidiella aurantii (mask.), and other citrus pests in Cyprus.	5836	ARCEUTHOBIUM Dwarfmistletoe Arceuthobium) on Brewer spruce in Oregon.	5465 5796
AORTIC RUPTURE Aortic rupture in turkeys used in studies with Candida		ARCTIIDAE	7 30
bicans. APHELENCHUS	6180	Some eggs of moths among the Amatidae, Archtiidae, and Notodontidae - Lepidoptera. 5	5649
Parasitism of tobacco callus and Kentucky bluegrass by Aphelenchus avenae.	5887	ARGININE Arginine deficiency in two strains of chickens selected f differences in dietary requirements of arginine.	or 5104
APHIDIDAE Additional records of Missouri aphids.	5511	ARIZONA New species of Pseudopanurgus from Arizona Hymenoptera,	
A preliminary list of the aphids of Missouri.	5512	Apoidea).	5568
Determination of aphids in hops.	5578	ARKANSAS Occurrence and relative abundance of certain noctuid moth	
Effects of malathion and parathion on ejection of young from gravid female spotted alfalfa aphids.	5585		838
APHIDIUS OBSCURIPES Biology studies of Macrosiphum avenae Pabr.), Acyrthos phon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in western Oregon.	i- 5859		883
APHIS Spanogonicus albofasciatus as an insect and mite predat (Hemiptera: Miridae).	or 5847	ARSENIC Resistance to BHC in the cattle tick Boophilus microplus (can.) in india. 6	222

Determination of arsenic in pesticide formulations.

ARSENIC COMPOUNDS
Studies of Babesia gibsoni (Patton, 1910) infections in the dog. 6244

6374

APIS
Notes on the biology of Philanthus bicinctus (Hymenoptera:
Sphecidae).
5843

		•	FOSTRET
RTHRITIS	£	Assay for santonin in tablets.	6371
A study of the comparative pathology of experimental in tious symovitis and staphylococcal arthritis in chicken		Infrared analysis of aldrin emulsible concentrates: 196 aOAC collaborative test program.	61 6398
RTHROPODA		Collaborative study of chlordane and heptachlor.	6400
Introduction to parasitology. qL757.j6,.	5702	Determination of heptachlor in heptachlor granules.	6404
Arthropods and psychic disturbances.	5709	A simplified tissue-culture technique to detect Rous	
Pest management. sB931.b4.	5721	sarcoma virus and its application in antibody assays.	6420
SBESTOS AGAC-AGCS crude fiber liaison committee. Third interim report.	6388	Method for determining malathion.	6439
SCARIS		ASTER Insect-fungus blister galls of Solidago and Aster.	5761
Effects of feeding Hygromix on growth, feed conversion the anthelmintic action on Ascarida galli and Heterakis gallinarum roundworms of poultry.		ASTEROMYIA Insect-fungus blister galls of Solidage and Aster.	5761
On the ecology of stem borers in Asia, research on the wral enemies of rice stem borers.	nat- 5872	ASTRAGALUS Control of timber milkvetch, Astragalus miser, and effeon associated vegetation.	ects 5897
SILIDAR A new species of dicrostylum (Diptera: Asilidae) from	5520	ATAXIA Feline encephalomyelitis.	5962
Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	5520 a 5521	Identity of feline ataxia virus with feline panleucoper virus.	nia 6060
Few species of Ceroainiops curran (Diptera: Asilidae).	5522	ATMOSPHERE Status of Aedes aegypti in the eastern Mediterranean.	5457
Proctocanthella Brosley (Diptera: Asilidae).	5573	ATOMOSIA Generic and subfamily changes, new synonymy, new names,	
SILUS Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521	new species, and notes on Asilidae (Diptera). ATRAZINE Determination of small quantities of atrazine and simaz	5521
SPARAGUS Ccntrol of the asparagus fly.	5839	in corn by paper chromatography. ATTRACTANTS	6294
SPERGILLUS Amtagonistic effects of some soil fungi on Verticillium isolated from marle trees.	sp. 5767	Nature of induced attacks by the Black Hills beetle, De droctonus ponderosae Coleoptera, Scolytidae).	en- 5423
SPERGILLUS PLAVUS On the utilization of amino acids by Aspergillus flavus		The effect of site and sampling method on the size and composition of catches of tsetse flies (glossina) and tabanidae (diptera).	5557
nitrification.	6347	Carbon dioxide as an attractant for Culicoides.	5690
SPERMY (TORATOES) Evidence that tomato aspermy and cucumber mosaic viruse serologically unrelated.	s are 5793	Studies on the responses of the female Aedes mosquitocomparison of oestrogens and amino acids as attractants	
SSAY Determination of aphids in hops.	5578	AUGOCHLORA	
Microbiological method for assaying novobiocin in anima feed.		Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae).	era: 5843
Report on antibiotics in feeds and other products.	5742	Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pompilidae).	
Rapid microbial disc assay for penicillin in milk.	5743	AUGOCHLORELLA	
Overnight microbial plate assay for penicillin in milk.	5744	Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae).	era: 5843
Analytical studies on solanesol-like substances in toba	6 27 2	AUGOCHLOROPSIS Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae).	era: 5843
An improved test paper for the detection of mammalian uresidues. Determination of micro-quantities of chlorinated organi	6276	AULOCARA ELLIOTTI Mating behavior of the big-headed grasshopper, Aulocara	
pesticide residues in butter. Comparison of five extraction procedures for the recove	6279	elliotti Orthoptera, Acrididae), under caged condition in the greenhouse and outdoors. AUPLOPUS	5613
DDT residues in field-treated collards. Determination of small quantities of atrazine and simaz	6287	Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pompilidae).	
in corn by paper chromatography.	6294	AUSTRALIA Notes on the behavior of Australian colletid bees.	
Detection and estimation of chlorinated pesticides in e	6302		5643
Collaborative studies of the chemical assay for paralyt shellfish noison.	ic 6325	Serological study of Australian chickens affected with uremia disease syndrome.	a 6196

A	Ū:	TC	L.	YS	IS
---	----	----	----	----	----

AUTOLYSIS Note on tyrosine production in frozen liver.	625 7	Experimental evaluation of culture and serum vaccination for the control of swine erysipelas. VIII. further observations on serum potency with relation to immunization of weanling
AVIAN DISEASES Report on the pullorum disease testing results, presenthe 35th annual meeting of the northeastern conference avian diseases, June 1963.		pigs. 616 An unorthodox approach to piglet scours. 616
Symposium on poultry viruses.	5924	BACILLUS The growth of aerobic spore forming bacilli in sterilized
Report of the committee on nomenclature and reporting disease, northeastern conference on avian diseases, july 1964.		milk. 623 BACILLUS CEREUS 13 Chlortetracycline and oxytetracycline residues in poultry
Resume of the seventh annual meeting american associat.		tissues and eggs. 592
avian pathologists. chicago, ill. july 20, 1964.	5926	BACILLUS THURINGIENSIS Problems of microbial control in Japan. 584
Report on the pullorum disease testing results, presenthe 36th annual meeting, northeastern conference on availables, june, 1964.		The development and use of microbial insecticides containing entomogenous bacteria and viruses.
Report of the committee on reporting of diseases and terminology.	598 7	BACTERIA Influence of bacteria from leaves on cucumber anthracnose in protectant tests in the greenhouse. 58
Summary of poultry diseases reported by the north cent poultry disease conference, 1964.	6042	A study of the results obtained from bacteriological and cytological examinations of various portions of cows: milk.
AVIAN ERYTHROBLASTOSIS VIRUS Effect of dietary restriction on erythroblastosis in y- broiler chicks.	oung 6132	Artificially induced Escherichia coli infection in chilled
AVIAN LEUKOSIS COMPLEX		chicks. 594
The response of four-way crosses of White Leghorns to inoculation with avian leukosis complex RPL-12 tumor.	5996	Studies of Proteus organisms of canine origin. 600 Observations on the etiological agent of plasmacytosis of
AVIAH LYMPHOMATOSIS Avian lymphomatosis. VI. A virus of unusual potency an		mink. Evidence suggesting a relationship of the agent to the granules of a mycobacterium species.
pathogenicity.	6158	The relationship between milk yield, composition and tissue damage in a case of subclinical mastitis.
Avian lymphomatosis. IV. Pathogenesis.	6159	BACTERIAL CANKER PEACHES)
The regenerative capacity of nerves affected by fowl paralysis.	6192	The nature of the widespectrum antibiotic produced by path genic strains of Pseudomonas syringae and its role in the bacterial canker disease of Prunus persicae.
AVIAN MYCOPLASHA Characteristics of avian mycoplasma.	6199	BACTERIAL DISEASES (ANIMALS)
AVIAN TUMOR VIRUS Responses of different stocks of chickens to inoculation embroyos and as chicks with strain RPL 12 and field is		A bacterial agent causing bluecomb disease in turkeys. II. Transmission and studies of etiological agent. BACTERICIDES
of leukosis virus. AVIAN VIBRIONIC BEPATITIS	6011	On the source and nature of bactericidal factors in the hemolymph of normal and immune wax moth larwae, Galleria mellonella L.). 562
Diagnostic techniques in avian vibrionic hepatitis.	6027	Adaptation of the use-dilution method to primary evaluation
AVOCADOS Saprophytic behavior and survival of Phytophthora cinn		of disinfectants. 632
in soil. AZINPBOSMETHYL	5823	BAJA CALIFORNIA Millipeds of the order Polydesmia from the Western states and Baja California. 551
Determination of residues of Guthion.	6275	BALANTIDIASIS
Determination of guthion residues on fruits.	6277	Balantidiasis in the capybara. 609
Metals, other elements, and residues in foods.	6304	BALANTIDIUM Balantidiasis in the capybara. 609
Use of starch gel electrophoresis to illustrate inhibi- of rabbit liver esterases by organophosphorus pesticid		BAMBOO The systematic position of Meloetyphilus, a genus of blind blister beetles (Coleoptera: Meloidae). 587
BABESIA ARGENTINA Vaccination against bovine babesiosis, infectivity and		blister beetles (Coleoptera: Meloidae). 587 BARLEY
virulence of blood from animals either recovered from reacting to Babesia argentina.	or 5966	Biology studies of Macrosiphum avenae Pabr.), Acyrthosi- phon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in western Oregon. 585
Bovine babesiosis. The immunization of cattle with kill babesia argentina.	led 6237	Aberrations of the nucleic acid metabolism of plants induce by 4-amino-3,5,6-trichloropicolinic acid. 590
BABESIA BIGEMINA Sterile immunity, coinfectious immunity and strain dif- ences in Babesia bigemina infections.	fer- 5965	BARYPLECHA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana:
BABY PIGS An unorthodox approach to piglet scours.	6152	(Diptera). 547
Experimental evaluation of culture and serum vaccinati the control of swine erysipelas VI. VACCINATION of wear pigs farrowed by susceptible and immune dams.	on for	BASIC SLAG Note on the availability of magnesium in basic slags. 572
- 2		

			BIOLOGY
ASIDIOSPORES Infection of Pinus contorta by basidiospores of Cronarticomandrae.	um 5 7 55	BETA-NITROSTYBENES Studies in fungitoxicity. III. Fungitoxicity of certain beta-nitrostyrenes and related compounds.	582 7
ATHYPLECTES CURCULIONIS Interrelationship of Hypera postica Coleoptera, Curculionidae) and Bathyplectes curculionis Hymenoptera, Ichneumonidae) in the eastern United States with particular reference to encapsulation of the parasite eggs by the wo	-	BEVERAGES Changes in official methods of analysis made at the sever fifth annual meeting, October 30 and 31 and November 1, 1961.	enty- 5716
vil larvae.	5652	BIBLE Bible references to insects and other arthropods.	5442
ATS New bat chiggers from Thailand and the Solomon Islands with notes on the subgenus Sasatrombicula Vercammen- Grandjean (Acarina: Trombiculidae).	5534	BIG VEIN (LETTUCE) Weed hosts of Olpidium brassicae and the lettuce big-veivirus.	in 5 7 66
An effort to identify rabies in bats from northwestern Illinois.	6 18 3	BIOCHEMISTRY Pathogenesis and cytochemistry of virus-induced nuclear clusion bodies.	in- 6141
AYER 9015 The comparative anthelmintic efficiency of hexachloropher Bayer 9015 and subcutaneous carbon tetrachloride in an outbreak of subacute fasciolosis in sheep.	ne, 6031	BIOKINETICS Glucose biokinetics in ovine pregnancy toxemia.	6067
EAMEROMYIA Generic and subfamily changes, new synonymy, new names, a		BIOLOGICAL ASSAY Antigenic analysis of a Metazoan parasite, Toxocara cand I. extraction and assay of antigens.	is. 6231
EANS A mechanism of induced host resistance to polygalacturons	ase	BIOLOGICAL CONTROL INSECTS) Parasitic and free-living cycles in entomogenous nematod of the genus Deladenus.	les 5584
	5760 5789	The significance of biotaxonomy to biological control.	5607
Determination of pentachloronitrobenzene in vegetables.	6389	Biological control of weeds and insect pests in New Zealand.	- 5 7 25
PAUVERIA		Problems of microbial control in Japan.	5842
Life history studies of the grape root borer (Lepidoptera Aegeriidae) in Missouri.		Peasibility and problems of chemical control of rice ste borers, research on the natural enemies of rice stem bor	
EES A new genus and two new species of scutacarid mites (Acarina) phoretic upon bees.	5436	The biological control of sugarcane borers in Taiwan,	5845 5852
A contribution to the systematics of the bee genus Protections Linsley and Michener (Hymenoptera: Apoidea).	pe- 549 7	Progress in the biological control of the southern green stink bug, Nezara viridula in Hawaii Heteroptera, Pen-	
Pollination of the unicorn plant (Martyniaceae) by an oligolectic, corolla-cutting bee (Hymenoptera: apoidae).	562 7	tatomidae). Current research on the biological control of Oryctes O	5854 Co-
Notes on the behavior of Australian colletid bees.	5643	leoptera, Scarabaeidae, Dynastinae). The European pine shoot moth ecology and control in the	5860
EHAVIORISM Notes on the biology and behavior of Heliothis zea (Boddie) on grain sorghum.	5592	Lake States. Possibility of biological control of Pseudococcus	5869
ENZENE HEXACHLORIDE		comstocki in Japan.	5871
The insecticidal potency of gamma-BHC and the chlorinated cyclodiene compounds and the significance of resistance them.		On the ecology of stem borers in Asia, research on the nural enemies of rice stem borers.	58 7 2
The sensitivity of Musca domestica nebulo f. and M. domestica vicina macq. to DDT, BHC and dieldrin, as shown by dosage-mortality curves.	n 5654	Distribution and bionomics of natural enemies of rice st borers, research on the natural enemies of rice stem bor	
Besistance to BHC in the cattle tick Boophilus microplus (can.) in india.	6222	BIOLOGICAL CONTROL (INSECTS) Biological control in forest entomology.	5542
Collaborative study of certain chlorinated organic pesticides in dairy products.	6298	Spanogonicus albofasciatus as an insect and mite predato (Hemiptera: Miridae).	584 7
	6304	Observations on the clerid predation of the Southern pin beetle.	ne 5858
ERBERIS Effects of Pratylenchus penetrans on the nutrient level of P, P, K, Ca, and Mg in roots and leaves of Ilex rotundifolia and Berberis julianae.	of 5 7 97	The biology of Anthrax limatulus fur (Osten Sacken), wit a key to and description of pupae of some species in the Anthrax albofasciatus and Trimaculatus groups (Diptera: Bombyliidae).	
EBLESE PUNNEL The importance of the Berlese technique in studying		Killing Texas screw worms from the air.	6207
ectoparasite populations upon rodent hosts.	6211	BIOLOGICAL WARPARE Why tuberculosis in livestock is increasing.	6136
ERSAMA BersamaAbyssinica poisoning: The clinical and pathological picture.	1 6023	BIOLOGY The relation of insect taxonomy to applied biology.	5535
		The importance of leukosis virus as a contaminant in biologics.	5963

BIPHENYL	
BIPHENYL Metals, other elements, and residues in foods. 630	BLATTELLA 4 Sexing first instar cockroaches (Orthortera: Blattidae).
Paper chromatography of birhenyl. 640	5510
BIRDS A new species of Somaphantus MenoponidaeO Mallophaga) from Thailand. 546	BLATTIDAE Sexing first instar cockroaches (Orthortera: Blattidae). 5510
Nasal mites of Thailand birds (Acarina: Rhynonyssidae).	Correlation of testis development with external growth in the Madeira cockroach (Orthoptera: Blattidae). 5586
556 Biology of Hippelates pallipes and H. bishoppi Diptera0 Chloropidae) in Wisconsin. 562	Temperature and the action of DDT on the cockroach nervous system. 5612
Investigation of an epidemic of St. Louis encephalitis in Danville, Kentucky, 1964. 570	Gonad degeneration in Blatta orientalis L. and other cockroach species. 5653
The effect of bird predators on winter survival of the southwestern and European corn borers in Arkansas. 588	
Resume of the seventh annual meeting american association o avian pathologists. chicago, ill. july 20, 1964.	6 BLEPHARONEURA
Multiple parasitism in fledgling birds: case reports.	A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera). 5474
The effect of sequence of infection on complex respiratory disease. 599	BLINDNESS The systematic position of Meloetyphilus, a genus of blind blister beetles (Coleoptera: Meloidae). 5878
Evaluation of the immunity response to infectious bronchiti virus. 604	s
The effect of intranasal exposure to Mycoplasma synoviae and infectious bronchitis on development of agglutinins.	Feedlot bloat associated with rumenitis and esophagitis.
A new species of Falcomenopon (Mallophaga: menoponidae).	BLOOD
A new species of Plegadiphilus (Mallophaga: Menoponidae).	hemolymph of normal and immune wax moth larvae, Galleria mellonella L.). 5622
Studies on the helminth parasites of the herring gull, Larus argentatus Pontopp, in northernCaernarvonshire	The corpus cardiacum as a metabolic regulator in Blaberus discoidalis Serville Blattidae). 5633
and Anglesey. 624	The occurrence and significance of blood in bovine milk. 6135
Danger of chlorinated hydrocarbon insecticides in birds: eggs. 629	2 A long-term study of renal disease in the dog. 6144
Neoplasms from captive wild species. 633	7 Survey of canine filariasis in a Maryland area - incidence of Dirofilaria immitis and Dipetalonema. 6190
A simplified tissue-culture technique to detect Rous sarcoma virus and its application in antibody assays. 642	BLOOD CELLS
BITBIONOL	5439
Determination of methiotriazamine and bithionol in poultry tissues and of methiotriazamine in feed. 632	BLOOD COAGULATION 4 A disorder resembling Hemophilia B (Christmas Disease) in dogs. 6330
BITTACUS New and uncommon neotropical Mecoptera. 544	6 BLOOD CULTURE Leptospira pomona isolations by direct blood culture of
BLABERUS Sexing first instar cockroaches (Orthoptera: Blattidae). 551	clinically infected cattle. 5981
BLABERUS DISCOIDALIS The corpus cardiacum as a metabolic regulator in Blaberus discoidalis Serville Blattidae). 563	The influence of size and source of blood meals on rate of digestion of vertebrate serum porteins in mosquitoes (Diptera: Culicidae). 5611
BLACKHEAD Tests for activity against Histomonas meleagridis: use of the infection in chickens and a comparison of the results obtained in chickens and turkeys. 607	BLOOD PROTEINS The influence of size and source of blood meals on rate of digestion of vertebrate serum porteins in mosquitoes (Diptera: Culicidae). 5611
BLASTOBASIDAE Insects of pine cones in Arkansas. 583	Combined effects and buffer flow and electrophoretic migration on insect serum protein patterns. 5620
BLASTOMYCOSIS Perianal and/or rectal lesions in South American Blasto-	BLUE COMB A bacterial agent causing bluecomb disease in turkeys. II. Transmission and studies of etiological agent. 6181
mycosis. 607 BLATELLA GERMANICA Chemosterilant studies with the German cockroach. 559	BOMBOMINA Generic and subfamily changes, new synonymy, new names, a
BLATTA Sexing first instar cockroaches (Orthoptera: Blattidae). 551	BOMBUS A preliminary atlas for the identification of female bumble

CAPPEINE

Notes on the kiology of Philanthus bicinctus (Hymenopte Sphecidae).	ra: 5843	BROWINE The effect of ultraviolet light (2537 A) on 141 pesticion chemicals by paper chromatography.	de 6402
A new germs of Bombyliidae (Diptera).	5536	BROMUS Insects collected on Wyoming rangeland in connection wingrasshopper-egg sampling.	th 5864
Problems of microbial control in Japan.	5842	BRUCELLA ABORTUS The sensitivity of the biotypes of Brucella abortus to	500,
Skeletal lesions in experimental copper-deficiency in chickens.	5972	three antibiotics used in selective media, and the descrition of a new biotype.	rip- 6001
BODE MEAL The isolation of salmonellas from animal feedingstuffs.	6036	Further studies of a mercaptoethanol-sensitive Brucella glutinin in bovine milk.	ag- 6022
BOWEREAL Cutameous authrax.	6173	BRUCELLOSIS Further serologic studies of brucellosis in white-tailed deer of the Southeastern U.S.	6037
BOOPHILES Resistance to BBC in the cattle tick Boophilus microplu (can.) in india.	s 622 2	The serological diagnosis of bovine brucellosis. BRUCHIDAE	6096
BOTOB Reactivity of boron glasses in aqueous solutions.	6387	Some laboratory observations on the rates of developmenmortality and oviposition of several species of Bruchidebreeding in stored pulses.	
BORERIA AMERIKA A study of the carrier state of avian spirochetosis in		BRULIN DO-5725 Dainty dogies in phoenix.	5914
chicken. BOTEFFES	5991	BRULIN GS-17 Dainty dogies in phoenix.	5914
Pixation of c1402 by germinating conidia of Botrytis ci	ne- 6391	BUD BLIGHT (SOYBEANS) Some properties of an inhibitor of virus infectivity from	
Botulism in pigs.	5943	leaves of peanut - a new host of tobacco ringspot virus BUFFALOES	5773
Dept. of Agriculture announces new pesticides monitorin program. The immunization of horses with Botulinum toxoid.	6266 6340	Salmonellosis in buffalo calves following vaccination.	6129
BOUTHOUL Insects collected on Wyoning rangeland in connection wi		BUQUINOLATE Efficacy of buquinolate against six species of coccidia.	6221
grasshopper-egg sampling. BOTIME HEPATIC DISPASE	5864	The distribution of c14 in the chick following the administration of	
Cytological puncture. A new method for the study of bov hepatic disease.	ine 6047	buquinolate-3-c14. BUSSEOLA	6229
BOVINE PAPELER STORATITIS VIRUS Bovine papular storatitis I. recognition in the united states.	6024	A preliminary assessment of the effectiveness of pyreth against the stalk borer Busseola fusca (Fuller) in the field in Kenya.	5884
ROULLIFE RETRYL CHLORIDE, 2- Reduction of symptoms associated with high-phosphorus l in soybeans by Amo-1618.	evels 5779	BUTTER Determination of micro-quantities of chlorinated organic pesticide residues in butter.	с 6279
BRACOF HEBETOR Egg production and adult life span in two species of Br Hymenortera, Braconidae).	acon 5602	BUTYL-2-CHLOROPHENYL METHYL METHYLPHOSPHORAMIDATE, 4-TERT- Systemic insecticides for the control of cattle grubs, Hypoderma lineatum DeVillers) and Hypoderma bovis L.).	6208
BRACON SERINOPAE Egg production and adult life span in two species of Br Hymenoptera, Braconidae).	acon 5602	BUTYLATED HYDROXYANISOLE Trace analysis of BHA and BHT in food products.	6409
BRACOUIDAR Insects of pine cones in Arkansas.	5838	BUTYLATED HYDROXYTOLUENE Trace analysis of BHA and BHT in food products.	6409
Plasma cell myeloma in the brain of a rabbit.	6120	CABBAGE Application of 4-(p-nitrobenzyl)pyridine as a rapid quantative reagent for organophosphate pesticides.	nti- 6381
BRAID DISEASES Brain lesions and viremia studies in swine infected wit cholera wirus of low pathogenicity.	h hog 6085	Determination of pentachloronitrobenzene in vegetables.	6389
BREEDING The response of four-way crosses of White Leghorns to inoculation with avian leukosis complex RPL-12 tumor.	5996	CAECAL COCCIDIOSIS Synergistic action of sulphaquinoxaline and 2-amino-4- dimethylamino-5-(4-chlorophenyl)-6-ethylpyrimidine in caecoccidiosis in chickens.	aecal 5937
BROADBEANS Broad bean mottle virus (BBMV) ribonucleic acid.	5813	CAENOCHOLAX PENYESI Distribution of two Strepsiptera in Florida0 1960-1962.	5523
BROWIDES Report on fungicides, fumigants and miscellaneous.	6305	CAFFEINE Caffeine-induced mutagenesis in Drosophila.	5680

0.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	
CAGE LAYER FATIGUE Relationship of dietary calcium and phosphorus levels to the cage layer fatigue syndrome. 6162	CAPTAN Metals, other elements, and residues in foods. 6304
CHIANOTIPA	Report on fungicides, fumigants and miscellaneous. 6305
CALAMOVILFA Insects collected on Wyoming rangeland in connection with grasshopper-egg sampling. 5864	CAPYBARAS Balantidiasis in the capybara. 6098
CALCIUM Relationship of dietary calcium and phosphorus levels to the cage layer fatigue syndrome. 6162	CABBARYL Pinpoint spraying - accurate spraying application credited for a 99.7 per cent kill. 5841
CALCIUM CARBONATE Note on the availability of magnesium in basic slags. 5729	Use of starch gel electrophoresis to illustrate inhibition of rabbit liver esterases by organophosphorus pesticides.
Nitrogen activity index of urea-formaldehyde compounds. 6377	CARBON DIOXIDE Carbon dioxide as an attractant for Culicoides. 5690
CALIFORNIA Discussion of synonymy and first illustrations of larva and pupa of Coreopsomela elegans (Olivier 1807) from	Fixation of c1402 by germinating conidia of Botrytis cine- rea. 6391 CARBON DISULFIDE
Mosquito control by aircraft. 5538	The effectiveness of certain grain funigant formulations. 1. Dosage mortality. 6261
The permanent war on the mosquito. 5708	The effectiveness of certain grain fumigant formulations. II. Germination. 6262
California department of agriculture contracts with aircraft operators for beetleaf hopper control. 5848	CARBON MONOXIDE A colorimetric method for carboxyhemoglobin determinations
Diagnosis of avian vibrionic hepatitis in San Diego Coun- ty, California. 6176	in chick blood. 6421
CANA safety record earns refund check. 6418	CARBON TETRACHIORIDE The comparative anthelmintic efficiency of hexachlorophene, Bayer 9015 and subcutaneous carbon tetrachloride in an
CALLIBARTIS The biology of Calligaetis floridanus Banks (Ephemeroptera: Baetidae). 5570	outbreak of subacute fasciolosis in sheep. 6031 The effectiveness of certain grain fumigant formulations. 6261
CALLIDIINI Observations on the larval habits of some Callidiini with special reference to Callidiellum cupressi (Van Dyke) (Coleoptera: Cerambycidae). 5851	I. Dosage mortality. 6261 The effectiveness of certain grain fumigant formulations. 11. Germination. 6262
CALCGLYPHUS An association between a species of Caloglyphus (Acarina: Acaridae) and Phyllophaga anxia (Coleoptera: Scarabae- idae). 5861	CARBOPHENOTHION Use of starch gel electrophoresis to illustrate inhibition of rabbit liver esterases by organophosphorus pesticides. 6326
	Determination of organophosphorous pesticide residues by
Pulmonary aspergillosis in a calf. 5997	conversion to orthophosphate ion. 6380 Gas chromatographic techniques for the determination of
Bovine papular stomatitis I. recognition in the united states. 6024	organophosphate pesticide residues. 6382
Feedlot bloat associated with rumenitis and esophagitis.	Identification and analyses of five organophosphate pesti- cides: recoveries from crops fortified at different levels. 6410
Studies on chronic copper poisoning. IV. Biochemistry of the toxic syndrome in the calf.	CARBOXYEEMOGLOBIN A colorimetric method for carboxyhemoglobin determinations in chick blood. 6421
The complement fixing antibody response of calves to Dictyocaulus Viviparus. I. Exposure to natural and experimental infection.	CARCINOGENS 3-methylcholanthrene-induced embryonic deformities in the
The complement fixing antibody response of calves to Dictyocaulus Viviparus. II. Vaccination with irradiated larvae.	chick. prevention by the antioxidant, n,n:-diphenyl-p-phenylene diamine dppd). CARCINOMA 6124
CAMEROUN	Tonsillar carcinoma in rural dogs. 5935
New species and new records of Pygostenini from Liberta. Ivory Coast, and Cameroun (Coleoptera: Staphylinidae). 5501	Odontoma associated with an undifferentiated carcinoma in the maxilla of a dog. 5957
	Mucinous bronchiolar carcinoma of the rat lung. A case
CANDIDA ALBICANS Aortic rupture in turkeys used in studies with Candida albicans. 6180	report. 6198 CABCINOMATOSIS
CANIME DISTEMEER Adaptation and modification of a strain of canine distemper virus in tissue culture. 5954	A histological study of a peritoneal carcinomatosis in the laying hen. 6107 CAREX
Noninterference with immunity by a trivalent vaccine containing distemper virus, infectious canine hepatitis virus,	Insects collected on Wyoming rangeland in connection with grasshopper-egg sampling. 5864
and Leptospira canicola. 6206	CAROTID BODY Carotid body tumor in the dog. 6050

ARFOCAPSA Notes on oviposition behavior responses of the codling	moth.	Attempt at transmission of shipping fever.	013
Carpocapsa pomenella L., to air movement, temperature a light.		Bersamahbyssinica poisoning: The clinical and pathological picture. 6	023
ASEIN Determination of sodium caseinate in meat products.	5919	Cytological puncture. A new method for the study of bovin hepatic disease. 6	e 047
ASEOUS NECROSIS Tumors and tumor-like lesions of snakes.	6338	Nutritional deficiencies.	052
	0330	The use of dilute tuberculins for testing cattle.	073
ASEOUS YOLK SACS Retained caseous yolk sacs caused by escherichia coli.		Etiology and prevention of legume bloat.	075
	6025	Isolation of the virus of infectious bovine rhinotracheit	is
ASSIA Effects of a standardized senna preparation given to pi A preliminary report.	gs: 6156	The pathogenesis of experimental bovine mucosal disease.	880
ASTRATION Killing Texas screw worms from the air.	6207		093
	0207		
ATERPILLARS Additions to the knowledge of the nesting behavior of N American Ammophila (Hymenoptera: Sphecidae).	orth 5874	Diagnosis of bovine vibriosis. 1. the production and use standard suspensions of Vibrio fetus agglutinating antige	
ATHARTICS Effects of a standardized senna preparation given to pi A preliminary report.	gs: 6156		114
ATS		Diagnosis of fascioliasis in cattle by intradermal allerg test.	121
Feline encephalomyelitis.	5962	Pathologic and immunologic studies on field and experimen	tal
The transfer of antibodies from the mother cat to her newborn kittens.	6032	postvaccinal reactions following vaccination against bovi	
Identity of feline ataxia virus with feline panleucopen virus.	ia 6060	The occurrence and significance of blood in bovine milk. $\ensuremath{_{6}}$	135
The reversibility of nutritional osteitis fibrosa.	6194	Pathogenesis and cytochemistry of virus-induced nuclear i	n-
Serum transaminase activities in cats with hepatic necr	osis. 6311	An attempt to produce resistance to homidium in a strain	of
Fight additional cases of pansteatitis (yellow fat) i cats fed canned red tuna.	n 6316	**	166
ATTLE Dainty dogies in phoenix.	5914	The isolation of a viral agent from epizootic bovine abortion.	170
Interrelationships of magnesium, potassium and nitrogen hypomagnesemia.	in 5933	The influence of soil type on the effectiveness of single dressings of magnesia in raising pasture magnesia content	
A study of the results obtained from bacteriological an			178
cytological examinations of various portions of cows: m	ilk. 5942	Observations on tuberculin sensitivity in cattle in Kenya 6	184
The veterinarian:s role in a feedlot operation.	5944	The experimental inoculation of heifers with Vibrio fetus of ovine origin. 6	185
Changes in serum transaminase activities associated wit plant and mineral toxicity in sheep and cattle.	ь 5961	The use of quarter samples in the assessment of the effect of feeding treatments on milk composition.	ts 189
Experimental immunization of cattle with myxovirus	E06#		103
parainfluenza 3 vaccines.	5964	Systemic insecticides for the control of cattle grubs, Hypoderma lineatum DeVillers) and Hypoderma bovis	000
Sterile immunity, coinfectious immunity and strain diff ences in Babesia bigemina infections.	er- 5965	L.).	208
Vaccination against bovine babesiosis, infectivity and virulence of blood from animals either recovered from o		•	213
Leptospira pomona isolations by direct blood culture of	5966 5981	Effects of soil type, moisture level, and temperature on larval and pupal stages of the common cattle grub, Hypode ma lineatum.	r- 216
		The control of heminthiasis in ruminants.	219
Attenuation of virus diarrhea virus (strain Oregon C24v for vaccine purposes.) 5982	Comparison of hemoglobins of Pasciola gigantica Trematoda Digenea) and its host.	236
Animal leptospirosis in the British Isles,.	5983	Bovine babesiosis. The immunization of cattle with killed	
Metabolism of DL-1,2-PBOPANEDIOL-2-14- C in a lactating cow.	5998	babesia argentina. 6	237
The sensitivity of the biotypes of Brucella abortus to three antibiotics used in selective media, and the description of a particle of a parti	rip- 6001		241
		Further observations on Mastitis in cows fed legume grass forage as soilage and silage.	303
Traumatic pericarditis in cattle: a clinical, physiolog and pathological study.	ical 6003	Solanum elaeagnifolium, silver-leafed nightshade, poisoni	ng

CATTLE

CECIDOMYIIDAE

Detection of triflupromazine in milk.	6319	CEROAINIOPS New species of Ceroainiops curran (Diptera: Asilidae).	552
Suspected Scilla non-scripta bluebell) poisoning in cattle.	6335	CEROTAINIOPS	332.
Pulmonary adenomatosis in south carolina cattle.	6336	Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 552
Studies on the properties of New Zealand butterfat. VIII the fatty acid composition of the milk fat of cows grazi	ing	CESIUM Analysis of foods for cesium-137.	626
on ryegrass at two stages of maturity and the composition of the ryegrass lipids. Studies on the properties of New Zealand butterfat. VII.	6349	Radiation-induced loss of reproductive integrity in the stamen hairs of Tradescantia blossfeldiana Mildbr a twelve-ploid species.	635
effect of the stage of maturity of ryegrass fed to cows the characteristics of butterfat and its carotene and vitamin A contents.		Fallout 137Cs, direct aerial transfer as an important source of foliar deposition.	636
CECIDOMYIIDAE The sorghum midge complex (diptera, cecidomyiidae).	5485	CESTODA Infection with the tapeworm Raillietina cesticillus in Georgia poultry flocks.	613
CELERY Thiram residues in tomatoes, strawberries and celeries.	6290	The cat flea, Ctenocephalides felis felis Bouche, 1835) as an intermediate host for cestodes.	
CELL NUCLEUS Pathogenesis and cytochemistry of virus-induced nuclear clusion bodies.		Studies on the helminth parasites of the herring gull, Larus argentatus Pontopp, in northernCaernarvonshire and Anglessy.	624
CELLS Junctional membrane uncoupling, permeability transformat at a cell membrane junction.		CHARTOTOXY New and redescribed species of Raphignathidae (Acarina) and a discussion of the chaetotaxy of the Raphignathoids	
A study of the results obtained from bacteriological and	1		543
cytological examinations of various portions of cows: mi		CHALCIDIDAE Insects of pine cones in Arkansas.	583
Isolation of noninfectious particles containing Rous sarcoma virus RNA from the medium of Rous sarcoma virustransformed nonproducer cells.	6150	CHAOBORIDAE Larval phantom midges in Missouri (Diptera: Chaoboridae)) - 546
Cellular pathogenesis of vesicular exanthema of swine vi	irus. 6205	CHELATING AGENTS Influence of chelating agents on the concentration of sent and the concentratio	
CELLULASE Cellulolytic activity of monobasidiospore and tissue isolates of Fomes annosus.	5774	alkaline conditions.	571
CENTRAL NERVOUS SYSTEM		North Dakota arachnid records.	557:
Temperature and the action of DDT on the cockroach nerve system.	5612	CHELONUS Notes on the biology of Philanthus bicinctus (Hymemoptes Sphecidae).	ca: 584
CEPHALOPLAGIA North American Tachinidae (Diptera).	6140	CHEMICAL CONTROL INSECTS) Feasibility and problems of chemical control of rice sta	
CDMMLOSFORIUM In vivo selection of biotypes of Cephalosporium inhibito to the development of tomato and cotton Fusarium wilt sy toms.		borers, research on the natural enemies of rice stem box The European pine shoot moth ecology and control in the	504
Inhibition of Fusarium wilt symptoms in cowpea by specie	es	Lake States.	586
of cephalosporium. CERALEPTUS	5818	CHEMICAL CONTROL (PLANT DISPASES) Low-volume spraying.	578
The genus Ceraleptus Costa in the Western Hemisphere (Hemiptera: Coreidae).	5478	CHEMICALS Safety rules for agricultural ground crews.	571
CERAMBYCIDAE Descriptions of some new Cerambycidae fro Bexico and Southwestern United States (Coleoptera).	5452	CHEMOSTERILANTS Effectiveness of three 2-methyl aziridine derivatives as house fly chemosterilants.	s 550
CEPAMBYCIDS Mimetic associations of lycid and cerambycid beetles		Chemosterilant studies with the German cockroach.	559
(Coleoptera) in Coahuila, Mexico. CERATOPOGONIDAR Effects on aquatic insects of forest spraying with phosp	5559 oha-	CHEMURGY Preparation of organotin-phosphorus compounds and their logical activities - potency against fungi, toxic activi against insects and phytotoxic properties.	
midon in New Brunswick. CERATURGUS	5615	CHENOPODIUM AMARANTICOLOR Isolation, purification and other studies of wiruses meet	chan-
Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521	ically transmitted from pear. CHERNETIDAE	582
CERCOSPORA ANTIRRHINA Cercospora leafspot of snapdragons.	5828	North Dakota arachnid records.	5572
CERMBYCIDAE Some new species and subspecies of Crossidius from wester North America.	ern 5454	CHERRIES Necrotic ringspot virus determinations: spread and effect Montomorency sour cherry and peach and distribution in Italian prupe buds.	ct i

			CHICKENS
HEYLETIDAE		poultry disease conference, 1964.	6042
Biological studies on Paracheyletia bakeri Acarina0 Cheylehdal).	5631	Distribution and concentration of duck hepatitis virus inoculated ducklings and chicken embryos.	in 6053
HEYLETUS The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211	The mode of action of nihydrazone against cecal coccidi in chickens.	osis 6058
BICK EMBETOS Studies on titration of fowl poxvirus and some aspects	of	The anticoccidial activity of nihydrazone.	6059
pathogenesis of fowlpox.	5990	Control of infectious synovitis. 14. The effect of age chickens on the susceptibility to three agents.	of 6061
Pathogenesis and cytochemistry of virus-induced nuclear clusion bodies.	6141	Studies on cytopathogenic avian enteroviruses. I. Their isolation and serological classification.	6062
HICKENS Investigation of an epidemic of St. Louis encephalitis Danville, Kentucky, 1964.	in 5706	A report on round heart disease in Oregon chickens.	6063
Hormonal control of the hen:s ovulation cycle.	5915	RIF infection in a commercial flock of chickens.	6074
Report of the committee on nomenclature and reporting of disease, northeastern conference on avian diseases, jun 1964.		Tests for activity against Histomonas meleagridis: use the infection in chickens and a comparison of the resul obtained in chickens and turkeys.	
Report on the pullorum disease testing results, present		The effects of feeding Baloanisone on the growing chick	en. 6083
the 36th annual meeting, northeastern conference on avidiseases, june, 1964.		Observations of xanthomatosis in chickens.	6091
The adverse effects of ammonia on chickens including retance to infection with Newcastle disease virus.	sis- 5934	A study of the comparative pathology of experimental in tious synovitis and staphylococcal arthritis in chicken	
Synergistic action of sulphaguinoxaline and 2-amino-4-dimethylamino-5-(4-chlorophenyl)-6-ethylpyrimidine in coccidiosis in chickens.	aecal 5937	A histological study of a peritoneal carcinomatosis in laying hen.	
Nature of immunity to Newcastle disease in chickens. 3. Correlation of signs, virus isolation and serology in vaccinated chickens.	5938	Evaluation of antibiotic treatment of Mycoplasma gallis ticum infection by the use of chickens and turkeys from infected embryos.	ep- 6113
Nihydrazone and the salmonella infections.	5946	Dietary vitamin A and severity of coccidiosis in chicke	
Nidrafur, a mitrofuran feed additive, againt artificial sac disease .	air 5947	On-the-farm studies of Gumboro disease in broilers.	6115
Skeletal lesions in experimental copper-deficiency in chickens.	5972	The effect of feeding toxic groundnut meal to chickens oxidized pyridine nucleotides levels of liver and serum	
Studies on the copper requirement of growing chickens.	5973	Effect of dietary restriction on erythroblastosis in yo	ung
A survey of the species of Coccidia in chickens in main	ie. 5978	broiler chicks. Infectious bronchitis virus interference with growth of	6132
Pathological and immunological changes in gnotobiotic chickens due to Eimeria tenella.	5979	Newcastle disease virus. II. Interference in chickens.	6133
A study of the carrier state of avian spirochetosis in		Nidrafur in air sac disease prevention.	6134
chickes.	5991	The microscopic lesions of acute fowl cholera in mature chickens.	6142
Studies on the infectious bronchitis virus of chickens lated in Finland with reference to the serological sur of its occurrence.		Avian lymphomatosis. VI. A virus of unusual potency and pathogenicity.	6158
Difference in physiology of vibrio spp. from chickens a		Avian lymphomatosis. IV. Pathogenesis.	6159
gangrenous dermatitis of chickens.	6004	Interrelationships between antibiotics and terephthalic in diets for laying hens.	acid 6164
Studies on a tissue-culture-modified infectious larymgotraceitis virus.	6018	Indirect hemagglutination test for chickens infected ar ficially with Bscherichia coli.	ti- 6169
Mewcastle disease: immune response in chickens to a bet propidlactone-killed virus vaccine.	a- 6019	An effect of some cod liver oils in feed on lymphocytom cidence.	a in- 6174
Retained caseous yolk sacs caused by escherichia coli.	6025	Diagnosis of avian vibrionic hepatitis in San Diego Couty, California.	n- 6176
Diagnostic techniques in avian vibrionic hepatitis.	6027	Some effects of feeding Gelsemium sempervirens (yellow jessamine) to young chickens and turkeys.	6193
Dissociation of a fowl cholera strain of Pasteurella mucida.	11to- 6038	Immunological characteristics of a variant of infectious	s
Experimentally induced Gumboro disease (IBA)	6039	bronchitis virus isolated from chickens.	6195
Experiences of infectious synovitis in broiler breeding stock and broiler chickens, with particular reference t natural spread of the disease.		Serological study of Australian chickens affected with uremia disease syndrome.	6196
Summary of poultry diseases reported by the north centr		Characteristics of avian mycoplasma. The isolation of desoxycholate-sensitive strains of sal	6199
I Lorrorl graceracy resolved by the north centr		and addition of descriptionate sensitive strains of Sal	

	CK	

nella pullorum from chickens in a naturally infected fl	ock. 6201	CHINCHILLA Experimental leptospirosis in the chinchilla (Chinchilla laniger). 618
Effects of feeding Hygromix on growth, feed conversion the anthelmintic action on Ascarida galli and Heterakis gallinarum roundworms of poultry.		CHIHONOMIDAE Effects on aquatic insects of forest spraying with phospha-
The cause of alimentary toxemia in chickens, toxic fateffect on swine performance.	its 6331	midon in New Brunswick. 561 Effects of forest spraying with DDT on aquatic insects of
A colorimetric method for carboxyhemoglobin determinati in chick blood.	ons 6421	salmon streams in New Brunswick. 562 Effects of forest spraying with DDT in New Brunswick on
HICKS		food of young Atlantic salmon. 563
Artificially induced Escherichia coli infection in chil chicks.	led 5948	CHIHONOMUS THUMMI Junctional membrane uncoupling, permeability transformation at a cell membrane junction. 563
Studies on glutathione in tissues of dystrophic chicks.	5968	CHITIN
The effect of various levels of vitamin K on various le of coccidiostats in broiler feeds.	vels 5969	Inability of chitinase to lyse fungal mycelium. 639 CHLAMYDOMONAS REINHARDI
The additive effects of nucleic acids and antibiotics a individual growth promotants for chicks.	.s 6000	Immediate loss of flagella from Chlamydomonas reinhardi after ultraviolet irradiation. 635
Responses of different stocks of chickens to inoculatio embroyos and as chicks with strain RPL 12 and field iso		CHIOHBENSIDE Metals, other elements, and residues in foods. 630
of leukosis virus.	6011	CHLOHDANE Effect of insecticidal seed treatments on rice. 587
A comparison of the toxicity to poults and chicks of a certain peanut oil meal. $ \\$	6014	Metals, other elements, and residues in foods.
Activity of vitamin K and menadione sodium bisulfite complex when measured by mortality of chicks with cecal		Collaborative study of chlordane and heptachlor. 640
coccidiosis.	6033	CHIOHINATED HYDROCABBONS Status of Aedes aegypti in the eastern Mediterranean.
Toxicity of common and hairy vetch seed for poults and chicks.	6034	545 Danger of chlorinated hydrocarbon insecticides in birds:
Some nutritional aspects of experimental infection with salmonella pullorum. $ \begin{tabular}{ll} \hline \end{tabular} $	6070	eggs. 629
Molybdenum toxicity in the developing chick embryo.	6072	CHLOHINE Report on analytical methods for pesticide formulations. 638
Chick embryo cells grown in vitro in continuous culture	6092	Total chlorine and infrared methods for the determination o aldrin, dieldrin, and endrin formulations.
Occurrence and survival of Salmonella organisms in hatchick fluff from commercial hatcheries.	her 6094	Collaborative study of chlordane and heptachlor. 640
Control of chronic respiratory disease. VI. The effect egg transmission of early exposure of chicks to Mycopla gallisepticum.		Determination of aldrin, dieldrin, or endrin in formulation 641
The relative growth stimulating effects of several antitics on chicks raised in old and new batteries.	bio- 6127	CHLOHOBENZILATE Metals, other elements, and residues in foods. 630
Effect of ventilation rate on the response of chicks		CHLOHOETHYL) - N- 1-METHY1-2-PHENOXYETHYL) BENZYLAMINE, N- 2- Hormonal control of the hen:s ovulation cycle. 591
inoculated with infectious bronchitis virus and housed 49 degrees P.	at 6131	CHLOHOETHYL) TRIMETHYLAMMONIUM CHLORIDE, 2- Effects of B-Nine and Cycocel on some anatomical, chemi-
The nutritional value of d-amino acid in chick nutritio	n. 6171	cal, and physical factors influencing leaf color and stem strength of Chrysanthemum morifolium L. cv. Criterion and Euphorbia pulcherrima Willd. cv. Elisabeth Ecke. 634
The nonessentiality of glycine and the essentiality of proline in the chick nutrition.	1- 6172	CHLOHOPHENOXYACETIC ACID, -4 The effects of 4-chlorophenoxyacetic acid on the rhizome of
HILO SUPPRESSALIS Feasibility and problems of chemical control of rice st borers, research on the natural enemies of rice stem bo		Pteridium aquilinum (L.) kuhn. 572.
	5845	The reproductive biology of Hippelates collusor Townsend) DipteraO Chloropidae). 557
On the ecology of stem borers in Asia, research on the ural enemies of rice stem borers.	5872	Insects of pine comes in Arkansas. 583
Distribution and bionomics of natural enemies of rice s borers, research on the natural enemies of rice stem bo		CHIOHOSIS PLANTS) Coralloid root systems in plants showing lime-induced chlorosis. 580
HILOMASTIX A Case report. Chilomastiv sp. infection in pen-raised		CHLOHOTETHACYCLINE Diffusion of dihydrostreptomycin and chlorotetracycline into
A case report: Chilomastix sp. infection in pen-raised quail.	5988	milk of cows following parenteral administration. 630
HINA		CHLOHTETHACYCLINE
Synonymy of the genera Rhyacobates esaki 1923 and Esakobates lundblad 1934, and a description of a new species of Rhycobates from China. (Hemiptera: Gerridae)	5493	Chlortetracycline and oxytetracycline residues in poultry tissues and eggs. 592

		C	CISTER
CHORISTONEURA	. + 0.4	organic acids of tobacco and its smoke.	6405
Pinpoint spraying - accurate spraying application credi for a 99.7 per cent kill.	5841	Identification and analyses of five organophosphate pest cides: recoveries from crops fortified at different leve	
CHORIZAGROTIS Migratory potential of the army cutworm,.	5637	Determination of herbicides in oils.	6414
CHROMATOGRAPHY Analytical studies on solanesol-like snbstances in toba	acco. 6272	CHROMOPROTEINS Properties of phytochrome.	6364
Investigations in the use of the micro-coulometric gas chromatograph for pesticide residue analysis.	6274	CHROMOSOMES Salivary gland chromosomes in four species of Tropical	0304
Determination of guthion residues on fruits.	6277	Anophelines, Anopheles subpictus, A vagus, A hyrcanus nigerrimus and A barbirostris.	5682
Determination of residues of diuron, monuron, fennron, neburon.	and 6278	Interchromosomal effects of autosomal translocations on combination in Drosophila melanogaster.	re- 5689
Degradation esters of syslox, di-syslon, and thimet on field-sprayed kale.	6283	CHRONIC RESPIRATORY DISEASE Nidrafur, a nitrofuran feed additive, againt artificial sac disease.	air 5947
Six phosphate pesticide residues in green leafy vegetal cleanup method and paper chromatographic identification	6284	Control of chronic respiratory disease. VI. The effect of egg transmission of early exposure of chicks to Mycoplas gallisepticum.	on
Separation of dieldrin and endrin from other chlorinate pesticide residues.	6289	Nidrafur in air sac disease prevention.	6134
Determination of small quantities of atrazine and simazin corn by paper chromatography.	6294	CHRYSANTHEHUM MORIFOLIUM Effects of B-Nine and Cycocel on some anatomical, chemical, and physical factors influencing leaf color and stematical and physical factors in the color and stematical and the color and stemati	e m
Screening method for monuron, diuron, and neburon residual on fruits and vegetables by paper chromatography.	6295	strength of Chrysanthemum morifolium L. cv. Criterion an Euphorbia pulcherrima Willd. cv. Elisabeth Ecke.	6346
Esterase inhibition technique for the detection of organophosphorus pesticides.	6297	CHRYSOLINA HYPERICI A comparison of the status of biological control of St. Johnswort in California and Australia.	59 0 3
Identification and differentiation of dieldrin and end by paper chromatography.	6299	CHRYSOLINA QUADRIGEMINA A comparison of the status of biological control of St.	
One-step chromatographic cleanup of chlorinated hydroca pesticide residues in butterfat. I.Chromatography on silicic acid.	arbon 6300	Johnswort in California and Australia.	5903
Detection and estimation of chlorinated pesticides in e		Take one teaspoonful of malathion: planes can now fly hi er, make a wider swath, and use an unbelievable small am of chemical.	
Cleanup and separation of 3-amino-1,2,4-triazole and metabolites from vegetable crops.	6306	CHTHONIDAE North Dakota arachnid records.	5572
Determination of chlorinated pesticide residues by electronation of capture gas chromatography.	6307	CICADELLIDAE Seasonal incidence of indigenous leafhoppers Homoptera, Cicadellidae) on corn and several winter crops in Missi-	
Determination of 2,4-D and other chlorinated phenoxy alacids.	1k y1 6308	sippi.	58 7 3
Chromatographic identification of some organophosphate insecticides.	6321	CICADIDAE Mechanism of locust jumping.	5591
Screening method for pesticide residues on fruits and vegetables.	6322	CICINDELA trifurcate tiger beetle antenna (Coleoptera: Cicindelidae).	5577
The chromatographic separation of pesticides on silicid	c acid* 6369	CIMEX Inheritance of dieldrin-resistance in Cimex lectularius	
Determination of 2,4-D and 2,4,5-T as simple constituer and mixed constituents in commercial ester formulations		and Pediculus h. humanns L. CINARA Biology of a pine bark aphid, Cinara watsoni, and its	5685
Report on analytical methods for pesticide formulations	s. 6375	response to temperature.	5846
Gas chromatographic determination of small vapor pressure determination of the vapor pressures of some triazine herbicides.	ures. 6379	California department of agriculture contracts with aircoperators for beetleaf hopper control. Take one teaspoonful of malathion: planes can now fly hi	5848
Gas chromatographic techniques for the determination of organophosphate pesticide residues.	£ 6382	er, make a wider swath, and use an unbelievable small am of chemical.	
Paper chromatography of biphenyl.	6401	CIRCULIN The sensitivity of the biotypes of Brucella abortus to	ni n
The effect of ultraviolet light (2537 A) on 141 pestici chemicals by paper chromatography.	ide 6402	three antibiotics used in selective media, and the descr tion of a new biotype.	6001
Separation and identification of chlorinated organic pesticides by paper chromatography. XII. The two herbicides. 2.4-d and 2.4.5-t.	6403	CISTERNS Status of Aedes aegypti in the eastern Mediterranean.	5457

Some semignantitative gas chromatographic studies on the

C	I	T	R	U	S

CITRUS A new phytophagous termite from Saudi Arabia.	5487	Pathological and immunological changes in gnotobiotic chickens due to Eimeria tenella.	59 7 9
Investigations of new scalicides for Florida citrus.	5590	Activity of vitamin K and menadione sodium bisulfite complex when measured by mortality of chicks with cecal	
Observations on the mites Phyllocoptruta oleivora (Ashmead) and Aculus pelekassi Keifer under laboratory	5594	coccidiosis.	6033
conditions. Vice, virtue, and the vedalia.	5610	The mode of action of nihydrazone against cecal coccidi in chickens.	6058
Biological studies on Paracheyletia bakeri Acarina0	30,0	The anticoccidial activity of nihydrazone.	6059
Cheylehdal).	5631	Dietary vitamin A and severity of coccidiosis in chicke	ns. 611
A Physoderma-like fungus in citrus and related species.	5772	Efficacy of buquinolate against six species of coccidia.	622
Trials with dimethoate against the California red scale Aonidiella aurantii (mask.), and other citrus pests in Cyprus.	5836	Studies on Eimeria mivati in chickens and a comparison with Eimeria acervulina.	6235
Advantages and problems in citrus pest control by aeria plication.	1 ap- 5840	Efficacy studies on meticlorpindol as a coccidiostat.	6240
Effect of organic soil amendments on nematode populatio	ns. 5893	Eimeria necatrix infections and oleir acid absorption in broilers.	6249
Bromine residues in fresh and dried fruits fumigated wi ethylene dibromide.	th 6253	COCCIDIOSTATS The distribution of c14 in the chick following the administration of	
Hormonal regulation of citrus leaf abscission and its r tive influence on protein synthesis.	ela- 6342	<pre>buquinolate-3-c14. Efficacy studies on meticlorpindol as a coccidiostat.</pre>	6229
The anatomy and physiology of citrus fruit abscission i duced by iodoacetic acid. $$	n- 6368		6240
LADOSPORIUM Relation of nutrition to Cladosporium leaf mold develop in tomato.	ment 5790	COCCINELLA TRIFASCIATA SUBVERSA Biology studies of Macrosiphum avenae Fabr.), Acyrthos phon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in western Oregon.	i- 5859
LASSIFICATION Studies on cytopathogenic avian enteroviruses. I. Their isolation and serological classification.	6062	COCCOIDEA Experimental materials to control citrus scale insects Florida.	in 5595
LAUSENTA PURPUREA Possibility of biological control of Pseudococcus ccmstocki in Japan.	5871	COCHISEMYIA North American Tachinidae (Diptera).	6140
LAY SOILS		COCHLIOMYIA Killing Texas screw worms from the air.	6207
Environmental factors related to medusahead distributio		COCONUTS Current research on the biological control of Oryctes	C o-
LERIDAE Insects of pine cones in Arkansas.	5838	leoptera, Scarabaeidae, Dynastinae). COD LIVER OIL	5860
LOSTRIDIOM BOTOLINOM Botulism in pigs.	5943	An effect of some cod liver oils in feed on lymphocytom cidence.	a in-
LOSTRIDIOM SEPTICOM Gangrenous dermatitis of chickens.	6010	COPPEE Field studies of insecticides against the coffee leaf-m Leucoptera meyricki ghesq. (Lepidoptera, Lyonetiidae).	iner
Studies on the properties of New Zealand butterfat. VI			5673
comparison of the properties and vitamin A potencies of butterfats produced by clover-fed and ryegrass-fed dair cows.		COLD STORAGE A simple method for in vitro storage of insect hemolymph	h. 5439
OBALT Some relationships between trichostrongylid infestation cobalt status in lambs Haemonchus contortus infestation	and •	COLEOPTERA Bottom organisms of the Beaver Reservoir Basin: a pre-impoundment study.	5426
Badiation-induced somatic mutations and the loss of reproductive integrity in Tradescantia stamen hairs.	6226	Effect of temperature and humidity on Trogoderma anthrenoides (sharp) (coleoptera, dermestidae) and comparisons with related species.	5445
OBALT-60 The effect of cobalt-60 on starlings (Sturnus vulgaris garis.	vul- 6017	Some laboratory observations on the rates of developmen- mortality and oviposition of several species of Bruchida breeding in stored pulses.	
OCCIDIOSIS Synergistic action of sulphaguinoxaline and 2-amino-4- dimethylamino-5-(4-chlorophenyl)-6-ethylpyrimidine in coccidiosis in chickens.	aecal 5937	Discussion of synonymy and first illustrations of larva pupa of Coreopsomela elegans (Olivier 1807) from California.	and 5538
The effect of various levels of vitamin K on various le		Effects on aquatic insects of forest spraying with phospidon in New Brunswick.	pha- 5615
A survey of the species of Coccidia in chickens in main		A field test of a lindane/dieldrin smoke for control of death-watch beetle, Xestobium ruffouillosum (dég.) (Cole optera, Anobiidae).	

	CORPORA CARDIA
The effect of various factors on surveys of predaceous insects in soybeans.	CONNECTICUT VALLEY Taters get copter treatment: lower cost, better protection with aerial application for New England potato crops.
Laboratory studies on dispersion behavior of adult beetles in grain. VII. the effect of isolated pockets of damp and moldy grain on Tribolium castaneum (hbst.) (coleoptera,	5739 CONTARINIA SORGHICOLA
tenebrionidae). 6263 A method of collecting adults of the pales weevil, Hylobius	The sorghum midge complex (diptera, cecidomyiidae). 5485
pales and the pitch eating weevil, pachylobius picivorus (Coleoptera: Curculionidae). 6422	Ecological observations and laboratory experiments on the free-living stages of Ccoperia onchophora. 6241
OLEOPTERA Laboratory studies on dispersion behavior of adult beetles in grain. VII. the effect of isolated pockets of damp and moldy grain on Tribolium castaneum (hbst.) (coleoptera,	COPPER Swayback in south-east Scotland. I.Field aspects. II. Clinical, pathological, biochemical aspects. 5939
teneĒrionidae). 6263	Skeletal lesions in experimental copper-deficiency in chickens. 5972
COLIFORM ENTERITIS Coliform enteritis of weaned pigs A description of the disease and its association with hemolytic escherichia coli. 6145	Studies on the copper requirement of growing chickens.
COLLEMBOLA	The role of copper in the pathogenesis of subacute and chronic lupinosis of sheep. 6015
Digestion of Juniper pollen by Collembola. 5662	The effect of a copper supplement in the diet on the fat content of cow s milk.
Notes on the biology of Philanthus bicinctus (Hymenoptera: Sphecidae). 5843	COPPER SULFATE Studies on chronic copper poisoning. IV. Biochemistry of
Observations on the biology of Colletes Ciliatoides (Hymenoptera: Apoidea, Colletidae). 5882	the toxic syndrome in the calf. 6179
COLLETOTRICHUM Pectolytic and cellulolytic enzyme production by Colleto- trichum trifolii. 5794	COREOPSOMELA Discussion of synonymy and first illustrations of larva and pupa of Coreopsomela elegans (Olivier 1807) from California. 5538
COLLIOPSIS	CORIXIDAE
Notes on the biology of Philanthus bicinctus (Hymenoptera: Sphecidae). 5843	A study of the genus Micronecta of India, Japan, Taiwan and adjacent regions (Heteroptera: Corixidae). 5455
COLORIMETRY Analytical studies on solanesol-like substances in tobacco. 6272	CORMANSIS Generic and subfamily changes, new synonymy, new names, a new species, and notes on Asilidae (Diptera). 5521
Determination of residues of diuron, monuron, fenuron, and neburon. 6278	CORN Evaluation of recurrent selection for stalk-rot resistance in maize and the associated changes in other agronomic char-
Rapid colorimetric determination of DDT in milk. 6286	acters. 5805
Report on analytical methods for pesticide formulations. 6375	The identification of Diabrotica species by chorion sculpturing. 5844
Determination of pentachloronitrobenzene in vegetables.	Resistance in corn to the corn earworm, Heliothis zea, and the fall armyworm, Spodoptera frugiperda Lepidoptera, Noctuidae). i. larwal feeding responses to corn plant
A colorimetric method for carboxyhemoglobin determinations in chick blood. 6421	extracts. 5866
Method for determining malathion. 6439	Species differentiation among mature larvae of Diabrotica undecimpunctata howardi, D. virgifera, and D. longicornis. 5867
COLFOCEPHALUM A new species of Colpocephalum (Mallophaga: Menoponidae) from the owl Phodilus badius. 6215	Seasonal incidence of indigenous leafhoppers Homoptera, Cicadellidae) on corn and several winter crops in Missi- sippi. 5873
COLFOCEPHALUM CAYENNENSIS Two new species of Colpocephalum Mallophaga, Menoponi-	Variations in size and weight of three geographical
dae) from Neotropical Ciconiiformes. 5543	populations of rice weevil complex. 5879
COLYDIIDAE Insects of pine cones in Arkansas. 5838 COMPLEMENT FIXATION	Resistance in corn to the corn earworm, Heliothis zea, and the fall armyworm, Spodcptera frugiperda Lepidoptera, Noctuidae). iII. use of plant parts of inbred corn lines by the larvae. 5880
Time and temperature of complement-fixation in the diagnosis of rinderpest. 6081	The effect of bird predators on winter survival of the southwestern and European corn borers in Arkansas. 5883
CONFERENCES Summary of poultry diseases reported by the north central poultry disease conference, 1964. 6042	Aberrations of the nucleic acid metabolism of plants induced by 4-amino-3,5,6-trichloropicolinic acid. 5905
CONIDIA Downward movement of conidia of Ceratocystis ulmi from terminal twice of old	Determination of small quantities of atrazine and simazine in corn by paper chromatography. 6294
minal twigs of elm. 5764 Lipid constituents of conidia of Glomerella cingulata.	Gibberellin-like substances from Echinocystis macrocarpa Greene. 6360
6376 Fixation of c1402 by germinating conidia of Botrytis cine- rea. 6391	CORPORA CARDIACA The corpus cardiacum as a metabolic regulator in Blaberus discoidalis Serville Blattidae). 5633

CORRELATION	
CORRELATION The cat flea, Ctenocephalides felis felis Bouche, 1835) as an intermediate host for cestodes. 62	CROP VARIETIES The susceptibility of some American wheats to the wheat blossom midges. 5434
CORYTHAICA A new lacebug from Haiti (Hemiptera: Tingidae). 58	CROP YIELDS 55 Soil and herbage potassium levels in relation to yield. 5730
COTTON In vivo selection of biotypes of Cephalosporium inhibitory to the development of tomato and cotton Fusarium wilt symp	CROPS
Studies on the control of wascular wilt diseases of cotton	Use of environmental factors in screening for disease resistance. 5834
Spanogonicus albofasciatus as an insect and mite predator	24 Crop and weed response to varying levels of mineral nutri- ents and moisture stress.
(Hemiptera: Miridae). 58 Cotton insect research at Tallulah, louisiana. 64	47 Residue determination of 2,4-dichlorophenoxyacetic acid in 41 dry crops and walnuts. 6271
COTTONSEED	Cleanup and separation of 3-amino-1,2,4-triazole and
Determination of residues of Guthion. 62 The determination of Kelthane residues on fruits and	
vegetables. 62	
Comparison of the effects of gibberellic acid and aflatoxi in germinating seeds.	n 52 CROSSIDIUS
Colorimetric determination of residues of the dithiolane insecticides in cottonseed and on cotton foliage. 63	
COULOMETRIC GAS Determination of pentachloronitrobenzene in vegetables.	CROSSOCERUS Notes on the biology of Philanthus bicinctus (Hymenoptera: Sphecidae). 5843
COUMAPHOS 63	89 CROWN GALLS (RHODODENDRON) Crown gall on rhododendron. 5759
Systemic insecticides for the control of cattle grubs, Hypoderma lineatum DeVillers) and Hypoderma bovis L.). 62	CROWNVETCH CORONILLA 08 Etiology and prevention of legume bloat. 6075
COWPERS Inhibition of Fusarium wilt symptoms in cowpea by species of cephalosporium. 58	CRYPTOCERATA A study of the midgut epithelium of five waterbugs (Hemiptera: Crytocerata). 5518
CRABRO Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pompilidae). 58	CTENOCEPHALIDES FELIS FELIS The cat flea, Ctenocephalides felis felis Bouche, 1835) as an intermediate host for cestodes. 6238 57
CRAMBUS TOPIABIUS Oviposition rhythm studies in Crambus topiarius Lepidoptera, Pyralidae, Crambinae).	CTENOPHORA New species of crane-flies from tropical America (Diptera: Tipulidae). I. 5427
CRANBERRIES Effects of plant-parasitic nematodes on growth of cranberr	CUCUJIDAE Insects of pine cones in Arkansas. 5838
Determination of 3-Amino-1,2,4-triazole in crops. 63	62 CUCULIFORMES A new species of Osborniella (Mallopaaga) from the
CRANES Case report: Salmonellae isolated from Greater Sandhill cranes (Grus candensis tabida) in New Mexico. 60	CUCUMBERS Evidence that tomato aspermy and cucumber mosaic viruses are serologically unrelated. 5793
CREMASTOCHELLUS Bionomical observations on myrmecophilus beetles of the	Influence of bacteria from leaves on cucumber anthracnose in protectant tests in the greenhouse. 5817
genus Cremastocheilus (Coleoptera: Scarabaeidae). 58 CREMATOGASTER	Aberrations of the nucleic acid metabolism of plants induced by 4-amino-3,5,6-trichloropicolinic acid. 5905
	49 Gibberellin-like substances from Echinocystis macrocarpa Greene. 6360
CRICOMEMOIDES Effects of plant-parasitic nematodes on growth of cranberr 57	
CRICONEMOIDES ORNATUM Aspects of the ecology and parasitic relationship to peanu of several ectoparasitic nematodes in North Carolina.	CULEX PIPIENS PIPIENS ts Investigation of an epidemic of St. Louis encephalitis in Danville, Kentucky, 1964. 5706
CRIOCERIS ASPABAGI	CULEX PIPIENS QUINQUEFASCIATUS St. Louis encephalitis in Memphis, tennessee, 1964. 5714
Female reproductive system and histology of the ovariole of the asparagus beetle, Crioceris asparagi Coleoptera, Chrysomelidae).	CULICIDAE 17 Mosquitoes of taiwan: genus to Toxorhynchites theobald. 5513
CRONARTIUM Infection of Pinus contorta by basidiospores of Cronartium	
	55 The distribution and biology of Andpheles balabacensis in

The distribution and biology of Andpheles balabacensis in

DAIRY CATTLE

Thailand (Diptera: Culicidae).	5558	CYPRUS	
The influence of size and source of blood meals on rat digestion of vertebrate serum porteins in mosquitoes (Diptera: Culicidae).	e of 5611	Trials with dimethoate against the California red scale, Aonidiella aurantii (mask.), and other citrus pests in Cyprus.	583
		CYSTS	
Dieldrin-resistance in a strain of Aedes aegypti (L.) Puerto Rico.	from 5616	Cystic hyperplasia of the gall bladder in the beagle, ass iated with the administration of progestational compounds	
Observations on the biting habits of mosquitos in the	forest		
canopy at Zika, Uganda with special reference to the crepuscular periods.	5618	Canine paragonimiasis in arkansas. 6	624
Mosquito control by aircraft.	5693	CYTOCHROME OXIDASE Further observations on swayback.II. HISTOCHEMICAL	
Investigation of an epidemic of St. Louis encephalitis	in	localization of cytochrcme oxidase activity in the centra	a1 594
Danville, Kentucky, 1964.	5706	CYTOLOGY	
The permanent war on the mosquito. Studies on the responses of the female Aedes mosquito.	5708 ¥.	A study of the results obtained from bacteriological and cytological examinations of various portions of cows: mil	lk. 594:
comparison of oestrogens and amino acids as attractant	s.		
	5711	Cytological puncture. A new method for the study of bovin hepatic disease.	ne 604
St. Louis encephalitis in Memphis, tennessee, 1964.	5714		,,,
A restraining table for implantation and transplantation experiments on mosquitoes.	on 6416	CYTOMEGALOVIRUSES Cytomegalic inclusionbody disease in sheep. A report of two cases. 6	E 603!
CULICOIDES Carbon dioxide as an attractant for Culicoides.	5690	CYTOPATHOLOGY Cytopathology of tobacco necrosis virus infection in toba	acc
CULTURE MEDIA		leaves. 5	580:
Methods for obtaining the perfect stage of Kabatiella caulivora.	5792	CYTOSPORA Studies on the disease cycle of Cytospora sacchari. 5	578
Growth of Phytophthora parasitica var. nicotiniae on fand fatty acid derivatives.	ats 5798	C14 Metabolism of DL-1,2-PROPANEDIOL-2-14- C in a lactating	-00
Etiology of a disease syndrome in the giant African sn Achatina fulica Bowdich.	ail 5913	The distribution of c14 in the chick	599
Blood medium for the isolation of tubercule bacilli.	5953	following the administration of buquinolate-3-c14.	622
Membrane filter method for the detection and enumeration	on	D, 2,4-	
of Salmonella in egg albumin.	6065	The anatomy and physiology of citrus fruit abscission in-	- 636
CUPRESSACEAE Observations on the larval habits of some Callidiini w	ith	DACTYLELLA	
special reference to Callidiellum cupressi (Van Dyke) (Coleoptera: Cerambycidae).	5851	Differences in ratio of spontaneous constricting ring for mation in two species of the predaceous fungus genus	r- 578:
CURCULIONIDAE TREATE of pine geneg in Arkengag	5838	DAIRY HACTERIOLOGY	
Insects of pine cones in Arkansas.	2020	A study of the results obtained from bacteriological and	
A method of collecting adults of the pales weevil, Hyl- pales and the pitch eating weevil, pachylobius picivor (Coleoptera: Curculionidae).		cytological examinations of various portions of cows: mil 5	lk. 594:
		DAIRY CATTLE	
CURVULARIA Alkyl-arsine oxides as fungicidal and nematocidal agent	ts.	The effect of feed supplements on the yield and compositi of milk from cows grazing good pasture.	ton 5916
	5749	Charatium 00 from fallout in the diet and milk of a dairy	
CUTANEOUS ANTHRAX		Strontium-90 from fallout in the diet and milk of a dairy herd.	918
Cutaneous anthrax.	6173	Measurements of non-ionic iodine in the milk of dairy cow	ıs
CUTEREHRA		following oral administration of labelled sodium iodide.	
Observations on the biology of Cuterebra latifrons Coquillet (Diptera: Cuterebridae).	5546	5	5921
		Streptococcus agalactiae Reinfection and eradication in a	
CYANACETHYDRAZIDE Efficacy of cyanacethydrazide agent against swine lungworms.	6227	commercial herd. 6 The effect of a copper supplement in the diet on the fat	5028
CYANIDES			5064
Report on fungicides, fumigants and miscellaneous.	6305	A study of the milk production records in 71 herds under supervision of the New York state Mastitis Control	
CYCLOHEXIMIDE The sensitivity of the biotypes of Brucella abortus to		program. 6	5097
three antibiotics used in selective media, and the description of a new biotype.	6001	The effect of udder infections on the lactation yield of milk and milk solids.	5239
CYCLOPIA		Mineral supplements for cattle.	255
Further observations on a congenital cyclopian-type maintain.	1for- 5952	The effect of the replacement of concentrates by roots on the intake and production of dairy cows.	1 5345
CYPERUS ROTUNDUS Dormancy, growth inhibition. and tuberization of nutsec Cyperus rotundus L.) as affected by photoperiods.	dge 5896		

DAIRY	COWS
-------	------

DAIRY COWS	
DAIRY COWS Hypocalcemia in cattle clinical observations and certain electrolyte serum blood values of dairy cattle. 6106	Determination of chlorinated pesticide residues by electron capture gas chromatography. 636
The relationship between milk yield, composition and tissue damage in a case of subclinical mastitis. 6188	The uptake from water by several species of fresh-water fis of p,p:DDT, dieldrin, and lindane their tissue distribution and elimination rate.
Studies on the properties of New Zealand butterfat. VI comparison of the properties and vitamin A potencies of butterfats produced by clover-fed and ryegrass-fed dairy	The quantitative analyses of microgram quantities of mixtures of DDD and p,p DDT 632
cows. 6356	The chromatographic separation of pesticides on silicic act
DAIRY PRODUCTS Report on dairy products. 6288	Report on analytical methods for pesticide formulations.
Metals, other elements, and residues in foods. 6304	63' Report on analytical methods for pesticide formulations.
DALAPON Herbicides, sodium trichloroacetate and dalapon. 6384	638
DASYPOGON	DECONTAMINATION Safety rules for agricultural ground crews. 57'
Generic and subfamily changes, new synonymy, new names, a new species, and notes on Asilidae (Diptera). 5521	Reviews of the progress of dairy science section F. Milk-borne disease. 59
DATES Brownine residues in fresh and dried fruits fumigated with ethylene dibromide. 6253	DEER Biology of Hippelates pallipes and H. bishoppi Diptera0 Chloropidae) in Wisconsin. 562
DB,2,4- The control of weeds in spring cereals with MCPA, MCPB and 2,4-DB 5900	Cerebral nematodiasis in pennsylvania deer (Odocoileus virgineanus). 59
DDE Collaborative study of certain chlorinated organic pesticides in dairy products. 6298	DEFICIENCY DISEASES Skeletal lesions in experimental copper-deficiency in chickens. 59
DDT The insecticidal potency of gamma-BHC and the chlorinated	Magnesium deficiency in the laying hen. 598
cyclodiene compounds and the significance of resistance to them. 5597	Nutritional deficiencies. 605
Temperature and the action of DDT on the cockroach nervous system. 5612	Arginine deficiency in two strains of chickens selected for differences in dietary requirements of arginine.
Dieldrin-resistance in a strain of Aedes aegypti (L.) from Puerto Rico.	Influence of vitamin-a deficiency on testes, bursa Fabricius, adrenal and hematocrit in cockerels. 610
Effects of forest spraying with DDT on aquatic insects of salmon streams in New Brunswick. 5628	Relationship of dietary calcium and phosphorus levels to the cage layer fatigue syndrome.
Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon. 5634	The nutritional value of d-amino acid in chick nutrition. 61' The nonessentiality of glycine and the essentiality of l-
The sensitivity of Musca domestica nebulo f. and M. demestica vicina macq. to DDT, BHC and dieldrin, as shown by dosage-mortality curves. 5654	proline in the chick nutrition. The reversibility of nutritional osteitis fibrosa. 619
Papation site differences in Drosophila melanogaster. 5686	Some relationships between trichostrongylid infestation and cobalt status in lambs Haemonchus contortus infestation.
A morphometric analysis of strains of Drosophilia melanogaster differing in DDT-RESISTANCE 5687	622 DEGENERATION Gonad degeneration in Blatta orientalis L. and other
Pinpoint spraying - accurate spraying application credited for a 99.7 per cent kill. 5841	cockroach species. 565 DELADENUS
The European pine shoot moth ecology and control in the Lake States. 5869	Parasitic and free-living cycles in entomogenous nematodes of the genus Deladenus.
Resistance to BHC in the cattle tick Boophilus microplus (can.) in india.	DEMETON Application of oscillographic polarography to determination of organic phosphorus pesticide residues. 62
Effects on wild young salmon of spraying DDT over New Brunswick forests. 6267	Degradation esters of syslox, di-syslon, and thimet on field-sprayed kale. 628
Rapid colorimetric determination of DDT in milk. 6286 Comparison of five extraction procedures for the recovery of DDT residues in field-treated collards. 6287	Use of starch gel electrophoresis to illustrate inhibition of rabbit liver esterases by organophosphorus pesticides.
Collaborative study of certain chlorinated organic pesticides in dairy products.	DENDROCTONUS Observations on the clerid predation of the Southern pine
Activation studies on Florisil. 6301	beetle. 58
Detection and estimation of chlorinated pesticides in eggs.	A new species of Macrocheles (Acarina: Macrochelidae) associated with bark beetles of the genera Ips and Dendroctonus. 580

6304

Metals, other elements, and residues in foods.

DENDROCTONUS PONDEROSAE Nature of induced attacks by the Black Hills beetle, Del droctonus ponderosae Colecptera, Scolytidae).	n- 5423	Determination of organophosphorous pesticide residues by conversion to orthophosphate ion. 6380
DEODORANTS Dainty dogies in phoenix.	5914	Gas chromatographic techniques for the determination of organophosphate pesticide residues. 6382
DBRHACENTOR The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211	Identification and analyses of five organophosphate pesticides: recoveries from crops fortified at different levels.
DERMAPTERA Laboratory tests for control of earwigs.	5678	DIBROMOETHANE, 1,2- The effectiveness of certain grain fumigant formulations. I. Dosage mortality. 6261
DERMATITIS Gangrenous dermatitis of chickens. DERMATOBIA	6010	DICHLONE Adapted tolerance of Rhizoctonia solani to increased concentrations of three soil fungicides. 5781
Biology and control of Dermatobia hominis (L. Jr.) in Honduras (Diptera: Cuterebridae).	5503	Metals, other elements, and residues in foods. 6304
DERMATORIA HOMINIS Laboratory observations on the life history and habits of Dermatobia hominis Diptera, Cuterebridae). i. mating behavior.		DICHLORO-6-ANILINO-S-TRIAZINE, 2-4 Influence of substitution and molecular conformation on the uptake of s-triazines by fungus spores. 5765
DERMATOPHAGOIDES A new Dermatophagoides: it prevents the rising of self- rising flour (Acarina: Epidermoptidae).	5606	DICHLOROBENZONITRILE,2,6- The relationship between the herbicidal effect of 2,6-dichlorobenzonitrile and its persistance in the soil. 5895
DERMATOPHILUS Equine dermatitis (cutaneous streptothricosis) infection with dermatophilus in the United States.	n 5945	Movement of 2,6-dichlorobenzonitrile in soils and in plants in relation to its physical properties. 5906
DERMATOPHILUS CONGOLENSIS The activity of dipping fluids in the treatment and		DICHLOROPHENOXY-ALIPHATIC ACIDS Determination of herbicides in oils. 6414
prevention of mycotic dermatitis in sheep. DERMESTIDAE	6071	DICHLOROPROPAME DICHLOROPROPEME MIXTURE Increase in nitrogenous compounds in soil following soil fumigation. 5754
Effect of temperature and humidity on Trogoderma anthrenoides (sharp) (ccleoptera, dermestidae) and comparisons with related species.	5445	DICOPOL The determination of Kelthane residues on fruits and veqetables. 6280
Insects of pine cones in Arkansas.	5838	Metals, other elements, and residues in foods. 6304
DESOXYCHOLATE The isolation of desoxycholate-sensitive strains of sall nella pullorum from chickens in a naturally infected flo		DICOTILEDONS Experiments on the control of weeds in groundnuts in Tripolitania. 5908
DEVOCALIZING (POULTRY) Electrosurgical devocalizing of poultry.	6435	DICTYOCAULUS The complement fixing antibody response of calves to Dictyocaulus Viviparus. I. Exposure to natural and
DI-IODO-4-HYDROXYBBNZONITRILE, 3-5 Photolysis of 3,5-di-iodo-4-hydroxybenzonitrile (ioxymi: a factor in its herbicidal action.	l) as 5911	experimental infection. 6223 The complement fixing antibody response of calves to Dictyocaulus Viviparus. II. Vaccination with irradiated
DIABROTICA The identification of Diabrotica species by chorion sculpturing.	5844	larvae. 6224
Species differentiation among mature larvae of Diabrotic undecimpunctata howardi, D. virgifera, and D. longicorn:	ca	Dieldrin-resistance in a strain of Aedes aegypti (L.) from Puerto Rico. 5616
DIADASIA	5867	The sensitivity of Musca domestica nebulo f. and M. domestica vicina macq. to DDT, BHC and dieldrin, as shown by dosage-mortality curves. 5654
Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pompilidae).	- 5857	Genetical studies on dieldrin-resistance inMusca domestica 1. and Lucilia cuprina (wied.). 5684
DIAGNOSIS The indirect haemagglutination test in the diagnosis of melioidosis in goats.	6055	Inheritance of dieldrin-resistance in Cimex lectularius L. and Pediculus h. humanus L. 5685
Time and temperature of complement-fixation in the diagraph of rinderpest.	nosis 6081	Aircraft applications of insecticides in East Africa XIV. very-low-volume aerosols of dieldrin and isobenzan for the control of Glossina morsitans westw.
DIAPAUSE The influence of diapause on the resistance to desiccat: of eggs of Teleogryllus commodus Walk.) Orthoptera, Gryllidae).	ion 5623	A field test of a lindane/dieldrin smoke for control of the death-watch beetle, Xestobium ruffouillosum (deg.) (Coleoptera, Anobiidae).
DIATRAEA SACCHARALIS		The toxicity of some chlorinated hydrocarbon insecticides to british wild foxes (vulpes vulpes). 5955
The biological control of sugarcane borers in Taiwan, 1948-1966.	5852	Determination of micro-quantities of chlorinated organic pesticide residues in butter. 6279
DIAZINON Use of starch gel electrophoresis to illustrate inhibit: of rabbit liver esterases by organophosphorus pesticide:		Separation of dieldrin and endrin from other chlorinated pesticide residues. 6289

DIELDRIN

n	т	P	T
v	-	_	-

Danger of chlorinated hydrocarhon insecticides in birds eggs.	6292	DIPHENVLTHIOCARBAZONE Thallium intoxication in dogs.	6323
Identification and differentiation of dieldrin and endr hy paper chromatography.	6299	DIPLAZON Notes on the biology of Philanthus hicinctus (Hymenopter Sphecidae).	a: 5843
Detection and estimation of chlorinated pesticides in e	eggs. 6302	DIPLECTRONA	
Metals, other elements, and residues in foods.	⁻ 6304	New Hydropsychidae (Trichoptera).	5460
The uptake from water by several species of fresh-water of p,p:DDT, dieldrin, and lindane their tissue distribution and elimination rate.		DIPLODIA Evaluation of recurrent selection for stalk-rot resistan in maize and the associated changes in other agronomic cacters.	
Report on analytical methods for pesticide formulations	6385	DIPLOPODA A new species of Ozarkogona from Indiana (Diplopoda: Chordeumida: Cleidogonidae).	5449
Total chlorine and infrared methods for the determinati aldrin, dieldrin, and endrin formulations.	on of 6399	New myrmecophilus millipeds from Barro Colorado Island,	5516
Determination of aldrin, dieldrin, or endrin in formula	tions* 6412	Canal Zone, and Mexico. Millipeds from states immediately north and south of the Mexican boundary.	
IET		nexical boundary.	331
Effect of diethylstilbestrol on energy and protein utilization by chicks fed a diet high in fat content.	5970	DIPPING A dipping technique for selecting house-flies, Musca domestica L. for resistance to insecticides.	566
Arginine deficiency in two strains of chickens selected differences in dietary requirements of arginine.	for 6104	The activity of dipping fluids in the treatment and prevention of mycotic dermatitis in sheep.	607
Effect of dietary restriction on erythrohlastosis in yo broiler chicks.	oung 6132	DIPTERA Bottom organisms of the Beaver Reservoir Basin: a	
DIETHYLSTILBESTROL		pre-impoundment study.	5426
Effect of diethylstilhestrol on energy and protein utilization by chicks fed a diet high in fat content.	5970	The susceptibility of some American wheats to the wheat blossom midges. $% \left\{ 1\right\} =\left\{ 1\right\} =\left\{$	5434
	33,0	Biology of the Drosophilia with reference to tomato cont	am-
IPPUSION		ination.	5456
Antigenic analysis of a Netazoan parasite, Toxocara can I. extraction and assay of antigens.	6231	The sorghum midge complex (diptera, cecidomyiidae).	5485
Diffusion of dihydrostreptomycin and chlorotetracycline milk of cows following parenteral administration.	into 6309	Beefly parasitism of the American carpenter bees belongi to the genus Xylocopa Latrielle (Diptera Hymenoptera).	ing 5496
DIGESTION The influence of size and source of blood meals on rate	of	The distribution of sandflies (diptera, psychodiadae) in	
digestion of vertebrate serum porteins in mosquitoes (Diptera: Culicidae).	5611	Kenya.	5528
		A new genus of Bombyliidae (Diptera).	553€
Digestion of Juniper pollen by Collembola.	5662	The effect of site and sampling method on the size and	
NIHYDROSTREPTOMYCIN Diffusion of dihydrostreptomycin and chlorotetracycline milk of cows following parenteral administration.	into 6309	composition of catches of tsetse flies (glossina) and tahanidae (diptera).	5557
	0307	Proctocanthella Bromley (Diptera: Asilidae).	5573
OIHYDROXY-3,3:-DINITRO-5,5:-DICHLORODIPHENYL, 2,2:- Some investigations into the tolerance of menichlophola 2,2:-dihydroxy-3,3:-dinitro-5,5:-dichlordiphenyl or		Effects on aquatic insects of forest spraying with phosp midon in New Brunswick.	ha- 5615
#Bilevon-M#) in sheep when used for treatment of fascio liasis under practical conditions.	6068	Effects of forest spraying with DDT on aquatic insects o salmon streams in New Brunswick.	f 5628
IMETHOATE Trials with dimethoate against the California red scale Aonidiella aurantii (mask.), and other citrus pests in Cyprus.		Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon.	5634
Use of starch gel electrophoresis to illustrate inhihit	ion	Genetical studies on dieldrin-resistance inMusca domesti l. and Lucilia cuprina (wied.).	.ca 5684
of rabbit liver esterases by organophosphorus pesticide	6326	The ornithophilic hlack fly Simulium meridionale Riley (Diptera: Simuliidae) feeding on man during autumn.	5691
IMPTHYL URPA Infrared studies of the mechanisms of adsorption of ure its herhicidal derivatives hy montmorillonite.	a and 5901	The effect of various factors on surveys of predaceous insects in soybeans.	5856
NINITROBIPHENYL, 2,2- Mucinous bronchiolar carcinoma of the rat lung. A case report.	6198	DIROFILARIA IMMITIS A clinical trial of dichlorophenarsine hydrochloride in treatment of canine heartworm infection.	5971
OIPHENYL-4-HYROXYBENZONITRILE, 3-5 Photolysis of 3,5-di-iodo-4-hydroxyhenzonitrile (ioxyni a factor in its herhicidal action.	.l) as 5911	DIROFILARIASIS A clinical trial of dichlorophenarsine hydrochloride in treatment of canine heartworm infection.	59 7 1
DIPHENYLAMINE The diphenylamine color reaction of leaf extracts from plants infected with notate leaf roll wirns	5.91/	DISTILLATION Determination of arsenic in pesticide formulations.	6374
plants infected with potato leaf roll virus.	5814	Determination of furfural in distilled spirits.	6408

			DUCKS
DISULFOTON Disulfoton residues in potato tubers.	6273	A canine acetabular index.	6143
Application of oscillographic polarography to determina		A long-term study of renal disease in the dog.	6144
of organic phosphorus pesticide residues. Degradation esters of syslox, di-syslon, and thimet on	6281	Survey of canine filariasis in a Maryland area - incide of Dirofilaria immitis and Dipetalonema.	nce 6190
field-sprayed kale. DITHIOLANE INSECTICIDES	6283	Pulex simulans and P. irritans on dogs in Hawaii Sipho aptera0 Pulicidae).	n- 6218
Colorimetric determination of residues of the dithiolan insecticides in cottonseed and on cotton foliage.	e 6372	Zoonoses in Iraq: Further studies on spirocerciasis.	6220
DITODIPLOSIS The susceptibility of some American wheats to the wheat blossom midges.	5434	Antigenic analysis of a Metazoan parasite, Toxocara can I. extraction and assay of antigens.	is. 6231
DITYLENCHUS	3131	Studies of Babesia gibsoni (Patton, 1910) infections in the dog.	6244
Histopathology of Ditylenchus radicicola in American beachgrass and other hosts.	5771	Canine paragonimiasis in arkansas.	6245
DIURESIS Effects of spironolactone on laying pullets.	6099	Occurrence of the nematode Spirocerca lupi in unusual locations.	6250
DIURNAL RHYTHM		Bovine mastocytoma- a case report.	6317
Control of the circadian rhythm of activity in the cock roach. iI. the role of the sub-oesophageal ganglion an ventral nerve cord.		Thallium intoxication in dogs.	6323
Control of the circadian rhythm of activity in the cock roach. i. the role of the corpora cardiaca, brain and		A disorder resembling Hemophilia B (Christmas Disease) in dogs.	6330
stress.	5589	DORYLOXENUS	
The pupation rhythm in Aedes taeniorhynchus Diptera, Culicidae). iI. ontogenetic timing, rate of development and endogenous diurnal rhythm of pupation.	t, 5647	New species and new records of Pygostenini from Liberta Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	5501
	3047	DORYMYRHEX	
DIURON Determination of residues of diuron, monuron, fenuron, and neburon.	and 6278	Bionomical observations on myrmecophilus beetles of the genus Cremastocheilus (Coleoptera: Scarabaeidae).	5849
Screening method for monuron, diuron, and neburon resident on fruits and vegetables by paper chromatography.	ues 6295	DRIED EGGS Membrane filter method for the detection and enumeration of Salmonella in egg albumin.	n 6065
DIZONIAS Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521	DRIED FOOD The effectiveness of certain grain fumigant formulation I. Dosage mortality.	s. 6261
DO-5725 Dainty dogies in phoenix.	5914	DROSOPHILA Caffeine-induced mutagenesis in Drosophila.	5680
DOGS	_	DROSOPHILA MELANOGASTER	
Biology of Hippelates pallipes and H. bishoppi Diptera Chloropidae) in Wisconsin.	5625	A comparison by means of X-irradiation in air and in ox of the suppressor-erupt systems in several strains of D sophila melanogaster.	
Tonsillar carcinoma in rural dogs.	5935	Pupation site differences in Drosophila melanogaster.	
Odontoma associated with an undifferentiated carcinoma the maxilla of a dog.	in 5957	Interchromosomal effects of autosomal translocations on	5686
Clinical and pathologic findings in bitches treated wit progestational compounds.	h 5958	combination in Drosophila melanogaster.	5689
A clinical trial of dichlorophenarsine hydrochloride in treatment of canine heartworm infection.	5971	DROSOPHILA PAULISTORUM A study of infectious hybrid sterility in Drosophila pastorum.	u li- 5683
Animal leptospirosis in the British Isles,.	5983	DROSOPHILIA MELANOGASTER	
Abnormal heart sounds and murmurs of the dog.	5989	A morphometric analysis of strains of Drosophilia melanogaster differing in DDT-RFSISTANCE	5687
Studies of Proteus organisms of canine origin.	6009	DRUGS	
Radiographic diagnosis of heart disease in dogs.	6029	Report of subcommittee E on recommendations of referees	5719
The use of serum enzymes as diagnostic aids in the dog.	6046	Treatment of hatching eggs for disease prevention - fac affecting permeability and a visual detection of drug	
The immunological and biological reactions of neoplastic mast cells.	c 6048	absorption. DRYING	5931
Carotid body tumor in the dog.	6050	The influence of diapause on the resistance to desiccate of eggs of Teleogryllus commodus Walk.) Orthoptera,	ion
Rabies discovered in greenland.	6056	Gryllidae).	5623
	3030	DUCK HEPATITIS Properties of duck hepatitis virus.	6030
Life cycle of Isospora rivolta Grassi, 1879) Wenyon, 1923 in the dog.	6082	DUCKS	
Cystic hyperplasia of the gall bladder in the beagle, as iated with the administration of progestational compound	ds.	Properties of duck hepatitis virus.	6030
	6084	Distribution and concentration of duck hepatitis virus	in

PAGE 77

DUSTING			
inoculated ducklings and chicken embryos.	6053		624
Amyloid in the liver of ducks.	6148	EIMERIA ACERVULINA Studies on Eimeria mivati in chickens and a comparison	
DUSTING Report on physical properties of pesticides.	6383	with Eimeria acervulina.	623
DUSTING EQUIPMENT Engine-powered distributor for fixed-wing aircraft.	6434	EIMERIA MIVATI Studies on Eimeria mivati in chickens and a comparison with Eimeria acervulina.	623
DWARFING Stem elongation.	6361	EIMERIA WECATRIX Immunity to Eimeria tenella and Eimeria necatrix infections in the fowl. i. influence of the site of infection	n an
DYSEDARESTA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera).	5474	the stage of the parasite. iI. cross-protection. EIMERIA TENELLA Immunity to Eimeria tenella and Eimeria necatrix infections in the fowl. i. influence of the site of infection	624 n an
ECHINOCYSTIS MACROCARPA Gibberellin-like substances from Echinocystis macrocarp Greene.	6360	the stage of the parasite. iI. cross-protection.	624
ECOLOGY The ecology of the free-living stages of Trichostrongyl cclubriformis.	lus 6228	Insects of pine cones in Arkansas. ELECTROLYTES Nature and guantities of materials leached from victoring	583 n-
Pest management. sB931.b4.	5721	treated tissues. ELECTRON MICROSCOPY	634
ECONOMICS Elements of entomology - the economics.	6440	The electron microscope as an instrument in insect taxor	550
ECTEMNIUS		ELECTRONS Respiratory electron transport.	635
Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae). EFFERIA	5843	ELECTROPHORESIS Combined effects and buffer flow and electrophoretic migration on insect serum protein patterns.	562
Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	, a 5521	Antigenic analysis of a Metazoan parasite, Toxocara cani I. extraction and assay of antigens.	is. 623
EGG TRANSMISSION Control of chronic respiratory disease. VI. The effect egg transmission of early exposure of chicks to Mycopla gallisepticum.		Use of starch gel electrophoresis to illustrate inhibiti of rabbit liver esterases by organophosphorus pesticides	
EGGPLANT A new lacebug from Haiti (Hemiptera: Tingidae).	5855	ELECTRORETINGGRAMS Test flash interaction in the electroretinographic respond the compound eye.	onse 561
Biology of the eggplant tortoise beetle (Coleoptera: Chrysomelidae).	58 7 6	ELECTROSURGERY Electrosurgical devocalizing of poultry.	643
EGGS Chlortetracycline and oxytetracycline residues in poult tissues and eggs.	5920	ELEPHANTONYIA New species of crane-flies from tropical America (Dipter Tipulidae). I.	ra: 542
Abstracts of papers presented at the 51st. annual meeti the Poultry Science Association.	ing of 5923	ELMERIA NECATRIX Eimeria necatrix infections and oleir acid	
Treatment of hatching eggs for disease prevention - fac affecting permeability and a visual detection of drug absorption.	tors 5931	absorption in broilers. ELYMUS CAPUT-MEDUSAE	624
Treatment of hatching eggs for disease prevention- appl tion of ultrasonic energy.	lica- 5932	Environmental factors related to medusahead distribution	n. 589
Isolation of Mycoplasma gallisepticum from fresh eggs a blood.	nd 6057	EMBRYOS Responses of different stocks of chickens to inoculation embroyos and as chicks with strain RPL 12 and field isol	late
Danger of chlorinated hydrocarbon insecticides in birds eggs.	6292	of leukosis virus. Distribution and concentration of duck hepatitis virus i	601 in 605
Detection and estimation of chlorinated pesticides in e	eggs. 6302	inoculated ducklings and chicken embryos. Evaluation of antibiotic treatment of Mycoplasma gallise ticum infection by the use of chickens and turkeys from	
EICHERAX Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	, a 5521	infected embryos.	611
EIMERIA Synergistic action of sulphaguinoxaline and 2-amino-4- dimethylamino-5-(4-chlorophenyl)-6-ethylpyrimidine in c	caecal	Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pompilidae).	- 585
coccidiosis in chickens. A survey of the species of Coccidia in chickens in main		ENDRIN Determination of micro-guantities of chlorinated organic pesticide residues in butter.	62 7
	59 7 8	Infrared determination of endrin residues.	628
Efficacy of buquinolate against six species of coccidia.	6221	Separation of dieldrin and endrin from other chlorinated pesticide residues.	1 628

Efficacy studies on meticlorpindol as a coccidiostat.

PAGE 78

		ER	IOPHYDA
Identification and differentiation of dieldrin and endr by paper chromatography.	6299	EPECLUS Observations on the biology of Colletes Ciliatoides (Hymenoptera: Apoidea, Colletidae).	5882
Metals, other elements, and residues in foods.	6304	EPEORUS	3002
Report on analytical methods for pesticide formulations	6385	The Rocky Mountain species of Epeorus (Iron) Eaton (Ephemeroptera: Heptageniidae).	5464
Total chlorine and infrared methods for the determinational aldrin, dieldrin, and endrin formulations.	ion of 6399	EPHEMERELLIDAE A new species of Ephemerella from Oregon (Ephemeroptera Ephemerellidae).	: 5428
Determination of aldrin, dieldrin, or endrin in formula	ations* 6412	EPHEMEROPTERA Bottom organisms of the Beaver Reservoir Basin: a	
ENROGALIA North American Tachinidae (Diptera).	6140	pre-impoundment study.	5426
ENSINA		A new species of Ephemerella from Oregon (Ephemeroptera Ephemerellidae).	5428
A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera).	5474	Effects on aquatic insects of forest spraying with phosmidon in New Brunswick.	5615
ENTERITIS Coliform enteritis of weaned pigs A description of the disease and its association with hemolytic escherichia	coli.	Effects of forest spraying with DDT on aquatic insects salmon streams in New Brunswick.	o f 5628
ENTEROVIRUSES	6145	Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon.	5634
Studies on cytopathogenic avian enteroviruses. I. Their isolation and serological classification.	6062	EPHYDRIDAE A revision of Nearctic species of Hydrellia Diptera0	
ENTOBDELLA SOLEAE		Ephydridae).	5461
Experiments on host-finding and host-specificity in the monogenean skin parasite Entobdella soleae.	6233	EPIDEMIOLOGY Investigation of an epidemic of St. Louis encephalitis Danville, Kentucky, 1964.	in 5706
ENTOMOGENOUS FUNGI Biology studies of Macrosiphum avenae Fabr.), Acyrthos	si-	Animal viruses and their relationship to diseases in ma	ın.
phon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in Western Oregon.	5859	Paidonialogy	6066 6078
ENTCHOLOGISTS	5500	Epidemiology.	0070
Elements of entomology - the man. The practice of entomology.	5502 5705	EPIPHYTES Epiphytic microorganisms in relation to plant disease.	5816
ENTCHOLOGY		EPIZOOTIC DISEASES	
Insect photographic salons - why have them.	5441	Epizootic ussuasses Epizootiology of Trypanosoma cruzi in southwestern Nor America. part VII. experimental control of trypanosoma	th
Entomological notes from the Aloha State.	5479	cruzi by immunological methods.	5552
Elements of entomology - the program.	5480	Epizootiology of Trypanosoma cruzi in southwestern Nort America.	h 5553
Elements of entomology - the man.	5502	Epizootiology of Trypanosoma cruzi in southwestern Nort	:h
Elements of entomology - the insect.	5555	America.part I. new collection records and hosts for Trypanosoma cruzi Chagas (Kinetoplastida:Trypanosomidae	
Entomological research in our changing world.	5641	(Hemiptera: Triatominae).	5554
Insect pathology: challenge, achievement, and promise.	5668	Epizootiology of Trypanosoma cruzi in southwestern Nort America. iXO An investigation to determine the incidenc of Trypanosomi cruzi infections in Triatominae and man	e
The role of the pest control operator in the Entomologi Society of America.	ical 5701	the Yucatan Peninsula of Mexico.	5699
ESA and you.	5703	Animal viruses and their relationship to diseases in ma	n. 6066
The practice of entomology.	5705	The isolation of a viral agent from epizootic bovine	
Elements of entomology - the economics.	6440	abortion.	6170
ENVIRONMENT		Some possible effects of malathion and EPN on mice.	6291
Observations on the dry-season survival of Simulium damnosum theo. in Ghana.	5519	EQUADOR A new species of Alcippus from Equador (Heteroptera:	
Seasonal changes in populations of phlebotomine sandfli (Dipt., Psychodidae) in Kenya.	ies 5529	Pentadomidae).	5551
Use of environmental factors in screening for disease resistance.	5834	Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521
Perception of environmental stimuli orienting growth an movement in lower plants.	ad 6348	EREMOBATES North Dakota arachnid records.	55 7 2
ENZYMES Pectolytic and cellulolytic enzyme production by Collet trichum trifolii.	to- 5 7 94	ERIOPHYDAE A new genus and three new species of eriophyid mites (Acarina).	5438
The use of serum enzymes as diagnostic aids in the dog.	6046		

SUBJECT INDEX PRYSIPPLAS BACTERINS ERYSIPELAS BACTERINS The sensitivity of the biotypes of Brucella abortus to three antibiotics used in selective media, and the description of a new biotype. Experimental evaluation of culture and serum vaccination for the control of swine erysipelas VI. VACCINATION of weanling pigs farrowed by susceptible and immune dams. Experimental evaluation of culture and serum vaccination for the control of swine erysipelas. VIII. further observations on serum potency with relation to immunization of weanling Studies in fungitoxicity.IV. FUNGITOXICITY of certain ethy-lenic compounds. 5780 ETHYLENE DIBROMIDE Bromine residues in fresh and dried fruits fumigated with ethylene dibromide. ERYSIPHE Effect of light on the maturation of appresoria in Erysiphe 6253 graminis tritici. 5820 ETHYLENEDIAMINETETRAACETIC ACID Effects of solutes on the polymerization of TMV protein. ERYTHROMYCIN The relative growth stimulating effects of several antibio-tics on chicks raised in old and new batteries. 612 Chronic poisoning of sheep and goats by lead. 5986 ESAKOBATES SAKOHATES Synonymy of the genera Rhyacobates esaki 1923 and Esakobates lundblad 1934, and a description of a new species of Rhycobates from China. (Hemiptera: Gerridae). 5493 ETYLEBE OXIDE Metals, other elements, and residues in foods. 6304 RUARESTA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: Coliform enteritis of weaned pigs A description of the disease and its association with hemolytic escherichia coli (Diptera). 5474 A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: ESCHERICHIA COLI An unorthodox approach to piglet scours. 6152 5474 An unorthodox approach to piglet scours. 6167 EUGLOSSA IGNITA Nesting biology of two communal bees, Euglossa imperialis and Euglossa ignita Hymenoptera, Apidae), including description of larvae. ESCHERICHIA COLI HACTERIN Retained caseous yolk sacs caused by escherichia coli. 5658 6025 EUGLOSSA IMPERIALIS Nesting biology of two communal bees, Euglossa imperialis and Euglossa ignita Hymenoptera, Apidae), including Indirect hemagglutination test for chickens infected artificially with Escherichia coli. 61 description of larvae. 5658 The pathogenicity for lambs of Escherichia coli of certain EULEIA 6175 Notes on the genus Euleia walker in North America ESOPHAGITIS (Diptera: Tephritidae) . 5473 Feedlot bloat associated with rumenitis and esophagitis. 6128 EULOPHIDAE Insects of pine cones in Arkansas. 5838 Esterase inhibition technique for the detection of EUPELMIDAE organophosphorus pesticides. 6297 Insects of pine cones in Arkansas. 5838 Use of starch gel electrophoresis to illustrate inhibition of rabbit liver esterases by organophosphorus pesticides. EUPHORBIA PULCHERRIMA Effects of R-Nine and Cycocel on some anatomical, chemical, and physical factors influencing leaf color and stem strength of Chrysanthemum morifolium L. cv. Criterion and 6326 Euphorbia pulcherrima Willd. cv. Elisabeth Ecke. Determination of 2,4-D and 2,4,5-T as simple constituents and mixed constituents in commercial ester formulations. EUPLUSIA The systematic position of Meloetyphilus, a genus of blind blister beetles (Coleoptera: Meloidae). 58 ESTIGMENE ACREA Wheat-germ diets for insects, rearing the boll weevil and the salt-marsh caterpillar. New species and new records of Pygostenini from Liberta. Ivory Coast, and Cameroun (Coleoptera: Staphylinidae). STROUGHS Studies on the responses of the female Aedes mosquito. X. comparison of oestrogens and amino acids as attractants. 5711 RYCOTIS Sexing first instar cockroaches (Orthoptera: Blattidae). 5510 ETRANETRIOL. Nature, origin and prevention of hydrogen sulphide aroma in EURYCOTIS BIOLLEYI Occurrence of gluconic acid and 2-hexenal in the defensive secretions of three species of Eurycotis Blattaria, Blattidae, Polyzosteriinae). 560 6258 ETHION Use of starch gel electrophoresis to illustrate inhibition Occurrence of gluconic acid and 2-hexenal in the defensive secretions of three species of Eurycotis Blattaria, Blattidae, Polyzosteriinae).

of rabbit liver esterases by organophosphorus pesticides.

ETHOXYPHOSPHINOTHIOYL-1,3-DITHIOLANE, 2-Colorimetric determination of residues of the dithiolane insecticides in cottonseed and on cotton foliage. 6372

ETHOXYPHOSPHINYL-IMINO-1,3-DITHIOLANE, 2-Colorimetric determination of residues of the dithiolane insecticides in cottonseed and on cotton foliage. 6372

Occurrence of gluconic acid and 2-hexenal in the defensive secretions of three species of Eurycotis Blattaria, Blattidae, Polyzosteriinae). 5604 **EUSCELIDIA** Generic and subfamily changes, new synonymy, new names, a new species, and notes on Asilidae (Diptera). 5521

EURYCOTIS FLORIDANA

PAGE

			FEEDLOTS
EUSCHONGASTIA		liasis under practical conditions.	6068
The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211	Diagnosis of fascioliasis in cattle by intradermal alletest.	ergic 6121
EUSTRONGYLIDES A merganser die-off associated with larval eustrongylid	les. 6076	Iton metabolism in ovine fascioliasis.	6246
EUTETTIX California department of agriculture contracts with air operators for beetleaf hopper control.	craft 5848	FAT BODY The corpus cardiacum as a metabolic regulator in Blaber discoidalis Serville Blattidae).	cus 5633
EUTRETA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana:		FATIGUE (PHYSIOLOGICAL) Relationship of dietary calcium and phosphorus levels t cage layer fatigue syndrome.	to the 6162
(Diptera). EUTROMBICOLA	5474	FATS Growth of Phytophthora parasitica var. nicotiniae on fa and fatty acid derivatives.	ats 5798
North Dakota arachnid records.	5572	The effect of a copper supplement in the diet on the facontent of cow s milk.	
An unusual description of the red grasshopper mite (Acana: Trombidiidae).	ri- 5605	Report on dairy products.	6288
EVALLJAPYX Japygidae of North America, 6. new species of Evalljapy with 26 antennal segments.	7X 5561	PATTY ACIDS Growth of Phytophthora parasitica var. nicotiniae on fa and fatty acid derivatives.	ats 5798
EVOLUTION Zoogeography and evolution of Pacific insects (a review the entomological program at the Bernice P. Bishop Museum).	of 5481	Studies on the properties of New Zealand butterfat. VII the fatty acid composition of the milk fat of cows graz on ryegrass at two stages of maturity and the compositi of the ryegrass lipids.	zing
EXOMALOPSIS Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae).	era: 5843	PECES The disintegration of sheep dung and the pre-parasitic stages of Trichostrongylids.	5977
Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenop tera: Sphecidae and Pompilidae).		PEDERAL AVIATION AGENCY Pros and cons of controversial CFR part 55- Federal legislation vital to aerial applicators. The pros of part	
EXTRACTS Wood extractive content and Fomes pini infection of easywhite pine.	stern 5777	PEED Report of subcommittee a on recommendations of referees	
The diphenylamine color reaction of leaf extracts from plants infected with potato leaf roll wirus.	5814	The effect of various levels of vitamin K on various le	
Determination of petroleum ether extracts in tobacco.	6341	The isolation of salmonellas from animal feedingstuffs.	
EXTREMITIES Effects of limb disability on lousiness in mice. iV. ev dence of genetic factors in susceptibility to Polyplax	ri-	Nitrate in the diet in pregnant ewes.	6036
serrata.	6209	Determination of methiotriazamine and bithionol in poul tissues and of methiotriazamine in feed.	6324
EYES Test flash interaction in the electroretinographic respond the compound eye.	onse 5614	Pulmonary adenomatosis in south carolina cattle.	6336
FALCO MEXICANUS Pive cases of Serratospiculum amaculata (Nematoda: Fila ioidea) infection in prairie falcons (Falco mexicanus).		The effect of the replacement of concentrates by roots the intake and production of dairy cows. FEED ADDITIVES	on 6345
	5951	Nidrafur, a nitrofuran feed additive, againt artificial sac disease .	l air 5947
PALCOMENOPON A new species of Falcomenopon (Mallophaga: menoponidae	6214	The mode of action of nihydrazone against cecal coccidi in chickens.	losis 6058
PAMPHUR Systemic insecticides for the control of cattle grubs,		The anticoccidial activity of nihydrazone.	6059
Hypoderma lineatum DeVillers) and Hypoderma bovis L.).	6208	Nidrafur in air sac disease prevention.	6134
PASCIOLA Diagnosis of fascioliasis in cattle by intradermal alletest.	ergic 6121	PRED SUPPLEMENTS The effect of feed supplements on the yield and composi of milk from cows grazing good pasture.	tion 5916
FASCIOLA GIGARTICA Comparison of hemoglobins of Fasciola gigantica Trema-		PEED TOXICITY Oak leaf poisoning in two horses.	5993
toda0 Digenea) and its host. FASCIOLIASIS	623 6	FEEDING The use of quarter samples in the assessment of the eff of feeding treatments on milk composition.	ects 6189
The comparative anthelmintic efficiency of hexachloroph Bayer 9015 and subcutaneous carbon tetrachloride in an outbreak of subacute fasciolosis in sheep.	6031	FEEDLOTS Dainty dogies in phoenix.	5914
Some investigations into the tolerance of menichlophola 2,2:-dihydroxy-3,3:-dinitro-5,5:-dichlordiphenyl or	ın	The veterinarian:s role in a feedlot operation.	5944

FEEDS

	5128	Effects on wild young salmon of spraying DDT over New Brunswick forests.	626
	5736	The uptake from water by several species of fresh-water of p,p:DDT, dieldrin, and lindane their tissue distribution and elimination rate.	
Report on antibiotics in feeds and other products.	5742		
Report on fission radionuclides of health significance in foods and feeding materials.		FLAGELLA Immediate loss of flagella from Chlamydomonas reinhardi after ultraviolet irradiation.	635
FELICOLA A new species of Mallophaga from Malaya.	5212	FLEDGLINGS Multiple parasitism in fledgling birds: case reports.	598
PELINE INFECTIOUS ENTERITIS			
Identity of feline ataxia virus with feline panleucopenia virus.	a 5060	FLORISIL Activation studies on Florisil.	630
FENTHION Systemic insecticides for the control of cattle grubs, Hypoderma lineatum DeVillers) and Hypoderma bovis 1.). 6	5208	FLOUR A new Dermatophagoides: it prevents the rising of self- rising flour (Acarina: Epidermoptidae).	560
FERBAM Determination of thiram in ferbam.	5397	PLUFF Occurrence and survival of Salmonella organisms in hatchick fluff from commercial hatcheries.	her 609
PERTILITY Biological studies on Paracheyletia bakeri Acarina0 Cheylehdal). 5	5631	FLUORESCEIN The effect of ultraviolet light (2537 A) on 141 pesticic chemicals by paper chromatography.	de 640
FERTILIZERS Changes in official methods of analysis made at the seven fifth annual meeting, October 30 and 31 and November 1, 1961.		FLUORESCENT LAMPS Effect of light on sexual reproduction in Hypomyces sole f. cucurbitae.	ani 577
Some effects of different soils on composition and growth		FLUORINE Metals, other elements, and residues in foods.	630
Report of subcommittee a on recommendations of referees.	5733	POALS Persistent diarrhea in colts associated with Aspergillus fumigatus.	s 608
Potassium-magnesium antagonism in soils and crops.	5740	POMES	
Further study of the sodium tetraphenyl boron method for potassium in fertilizers.	5378	Cellulolytic activity of monobasidiospore and tissue is lates of Pomes annosus.	o- 577
FESTUCA Insects collected on Wyoming rangeland in connection with	1	White pine.	tern 577
grasshopper-egg sampling. 5	864	Practical control of stump surface infection by Fomes annosus in slash pine.	577
PETAL MEMBRANES			
	5649	FOOD Effectiveness of three 2-methyl-aziridine derivatives as house fly chemosterilants.	s 550
FIBERS AOAC-AOCS crude fiber liaison committee. Third interim report. 6	388	Report of subcommittee E on recommendations of referees.	• 571
FIELD MICE The ecology of the tick Ixodes trianguliceps Birula ArachnidaO AcarinaO Ixodoidea). 6	5210	Pesticide residues in foods: analytical philosophy, technology, and capabilities in other countries.	628
FIGS		Radioactivity in foods. II. Evidence of fallout contamination during 1958 and 1959.	629
Bromine residues in fresh and dried fruits fumigated with ethylene dibromide.	1 525 3	Trace analysis of BHA and BHT in food products.	640
FILARIASIS Survey of canine filariasis in a Maryland area - incidenc of Dirofilaria immitis and Dipetalonema.		FOOD CONTAMINATION Biology of the Drosophilia with reference to tomato contination.	tam- 545
FISH Effects of forest spraying with DDT on aquatic insects of	•	Metals, other elements, and residues in foods.	630
Effects of forest spraying with DDT in New Brunswick on		POOD HABITS A study of the midgut epithelium of five waterbugs (Hemiptera: Crytocerata).	55 18
food of young Atlantic salmon. 5 Mass control of insects: the effects on fish and wildlife		FOOT-AND-MOUTH DISEASE VIRUS The use of serum and blood dried on blotting paper in the	he
	696	detection of foot-and-mouth disease antibody.	6012
fifth annual meeting, October 30 and 31 and November 1,	5716	Soil and herbage potassium levels in relation to yield.	5730
Experiments on host-finding and host-specificity in the monogenean skin parasite Entobdella soleae.	233	The magnesium contents of soils and crops.	5731
Studies on Schistocephalus solidus. 4. the effect of tem-		FOREST CONSERVATION Aircraft are not enough.	5732

			FUSARIUM
OREST INSECTS Biological control in forest entomology.	5542	<pre>Ion-exchange method for determining paraguat residues i food crops.</pre>	n 6373
Observations on the biting habits of mosquitos in the f canopy at Zika, Uganda with special reference to the crepuscular periods.	orest 5618	FULICOFFULA Two new species of Fulicoffula (Mallophaga) from the Sora.	5466
Pinpoint spraying - accurate spraying application credi for a 99.7 per cent kill.	ted 5841	FUMICATION A micro syringe for laboratory grain fumigation.	5424
The European pine shoot moth ecology and control in the Lake States.	e 5869	FUNGI Association of fungi with some insect galls.	5583
ORESTS		Metabolic aspects of spore germination in fungi.	5751
Effects on aquatic insects of forest spraying with phos midon in New Brunswick.	56 1 5	Adaption of fungi to metal toxicants.	5757
Effects of forest spraying with DDT on aquatic insects salmon streams in New Brunswick.	of 5628	Influence of substitution and molecular conformation on uptake of s-triazines by fungus spores.	the 5765
Effects of forest spraying with DDT in New Brunswick on fcod of young Atlantic salmon.	5634	Studies in fungitoxicity.IV. FUNGITOXICITY of certain e lenic compounds.	thy- 5780
Effects on wild young salmon of spraying DDT over New Brunswick forests.	6267	Studies in fungitoxicity. III. Fungitoxicity of certain beta-nitrostyrenes and related compounds.	5827
ORMALDEHYDE		Histochemistry of foliage diseases.	5832
Nitrogen activity index of urea-formaldehyde compounds.	6377	Use of environmental factors in screening for disease resistance.	5834
ORMICA RUBICUNDA The ecology of ants of strip-mine spoil banks.	5533	Persistent diarrhea in colts associated with Aspergillu fumigatus.	s 6080
*ORMICIDAE Synonymy and variation of some species of the ant genus		Deterioration of stored grains by fungi.	6256
Anochetus.	5440	Inability of chitinase to lyse fungal mycelium.	6396
Treetop mating aggregations of Pogonomyrmex (Hymenopter Formicidae).	a: 5526	FUNGI TRANSLOCATION	
Laboratory experiments on the trail following of army a of the genus Neivamyrmex (Formicidae: Dorylinae).	nts 5672	Translocation in sphorophores of Lentinus tigrinus rela to specialized cells.	6395
Insects of pine cones in Arkansas.	5838	FUNGICIDES Control of late blight of potatoes.	5746
ONL CHOLERA Dissociation of a fowl cholera strain of Pasteurella mu cida.	1to- 6038	Studies in fungitoxicity.IV. FUNGITOXICITY of certain e lenic compounds.	thy- 5780
		Low-volume spraying.	5786
The microscopic lesions of acute fowl cholera in mature chickens.	6142	Studies in fungitoxicity. III. Fungitoxicity of certain beta-nitrostyrenes and related compounds.	5827
Report on the pullorum disease testing results, present the 35th annual meeting of the northeastern conference	on	Detection, identification and control of Poria carbonic and other fungi in Douglas fir poles.	a 6259
avian diseases, June 1963.	5922	Pate of fungicides in plants.	6365
COMIFOX VIRUS Studies on titration of fowl poxvirus and some aspects pathogenesis of fowlpox.	of 5990	Preparation of organotin-phosphorus compounds and their logical activities - potency against fungi, toxic activagainst insects and phytotoxic properties.	
OXES The toxicity of some chlorinated hydrocarbon insecticide to british wild foxes (vulpes vulpes).	es 5955	FUNGUS DISEASES PLANTS) Notes on Wisconsin parasitic fungi. xXXII .	5791
Rabies discovered in greenland.	6056	Studies of hyphal morphogenesis, pathogenicity, and tox production of Alternaria solani.	in 58 1 2
PROST CONTROL Pall helicopter research and development widens rotary versatility in aerial application.	wing 5717	Effects of nutrients and inoculum destity on the virule of Pythium aphanidermatum and Pythium ultimum to mung be seedlings.	
PROZEN DESSERTS Report on dairy products.	6288	Studies on the control of vascular wilt diseases of cot by fungi associated with the cotton plant.	ton 5824
PROCTOSE Storage of hay. IV. effect of storage in nitrogen on the soluble sugar and dry matter contents of ryegrass.	e 5734	FURPURAL Determination of furfural in distilled spirits.	64Gā
PROIT	6075	POSARION	
Determination of residues of Guthion. The determination of Kelthane residues on fruits and	6275	In vivo selection of biotypes of Cephalosporium inhibite to the development of tomato and cotton Fusarium wilt stoms.	
vegetables. Screening method for monuron, diuron, and neburon resid		Pungistatic and fungicidal effects on Streptomyces rimomon some soil-inhabiting pathogenic fungi in vitro.	sus 5770
on fruits and vegetables by paper chromatography. Screening method for pesticide residues on fruits and	6295	Physiologic specialization in Pusarium oxysporium f. niveum.	5775
vegetables.	6322	Inhibition of Pusarium wilt symptoms in cowpea by specie	es

GALACTURONIC ACID			
of cephalosporium. 58	818	GEOTRICUM CANDIDUM The nature of the widespectrum antibiotic produced by pa	the
GALACTURONIC ACID Hexuronic acid metabolism in Agrobacterium tumefaciens. 57	769	genic strains of Pseudomonas syringae and its role in th	
GALLBLADDER		GERM-FREE LIFE Disease control through virus-free stock.	580
Cystic hyperplasia of the gall bladder in the beagle, asso iated with the administration of progestational compounds.		Pathological and immunological changes in gnotobiotic	597
GALLERIA MELLONELLA		Streptococcus agalactiae Reinfection and eradication in	
On the source and nature of lactericidal factors in the hemolymph of normal and immune wax moth larvae, Galleria mellonella L.).	622	Some relationships between trichostrongylid infestation	
Problems of microbial control in Japan. 58	842	cobalt status in lambs Haemonchus contortus infestation.	622
GALLUS DOMESTICUS Observations on neurolymphomatosis in gamefowl (Gallus domesticus).	- 089	GEBRIDAE A new Neotropical water-strider (Hemiptera: Gerridae)	546
GAMASID MITES Some previously unpublished drawings of gamasid mites by tate Dr. A. C. Oudemans.	the 565	The male of Metrocoris squamifer Lundblad (Heteroptera: Gerridae).	549
GAME POWL		Concerning the genus Hynesionella poisson and a new species from South Africa (Heteroptera: Gerridae).	549
Report of the committee on nomenclature and reporting of disease, northeastern conference on avian diseases, june 1964.	925	Nymphs of the genus Gerris Heteroptera, Gerridae) in New England.	566
Summary of poultry diseases reported by the north central poultry disease conference, 1964.	042	GHANA Observations on the dry-season survival of Simulium damnosum theo. in Ghana.	55°
Observations on neurolymphomatosis in gamefowl (Gallus domesticus).	- 089	GIBBERELLIC ACID Hormonal regulation of citrus leaf abscission and its re	
GAMMA RAYS Radiation-induced somatic mutations and the loss of reproductive integrity in Tradescantia stamen hairs. 63	357	tive influence on protein synthesis. Comparison of the effects of gibberellic acid and aflato	634 xi r
GANGRENE Gangrenous dermatitis of chickens. 66	010	in germinating seeds. GLANDS INSECTS)	635
GASTROENTERITIS		The spinnerts and epiandrous glands of spiders.	564
Ecological observations and laboratory experiments on the free-living stages of Cooperia onchophora. 63 GASTROINTESTINAL SYSTEM	241	GLARESIS Larval systematics of the Troginae in North America with notes on biologies and life histories Coleoptera0 Scara baeidae.	
Production and fermentation of lactate by bacteria in the	929	GLASS	
GELICHIDAE	020		638
GELS	838	GLIOCLADIUM Antagonistic effects of some soil fungi on Verticillium isolated from maple trees.	sp. 576
Antigenic analysis of a Metazoan parasite, Toxocara canis. I. extraction and assay of antigens. 62	231	GLOBULINS Immunoglobulins in sheep.	611
GELSENIUM SEMPERVIRENS Some effects of feeding Gelsemium sempervirens (yellow jessamine) to young chickens and turkeys. 6	193	GLOMERELLA Lipid constituents of conidia of Glomerella cingulata.	
GENES			637
The effect of temperature on crossvein formation in crossveinless-like strains of Drosophila melanogaster Meigen). 56		GLOSSINA The effect of site and sampling method on the size and composition of catches of tsetse flies (glossina) and tabanidae (diptera).	555
GENUCHINUS Bionomical observations on myrmecophilus beetles of the genus Cremastocheilus (Coleoptera: Scarabaeidae).	849	Aircraft applications of insecticides in East Africa XIV very-low-volume aerosols of dieldrin and isobenzan for t	he
GEOCORIS PUNCTIPES Life history of Geocoris punctipes Hemiptera, Lygaeidae) in the laboratory.	598	control of Glossina morsitans westw. An experiment on the eradication of Glossina swynnertoni aust. by insecticidal treatment of its mesting sites.	569
Temperature range development of immature stages of	599		569
GEOMETRIDAE Some eggs of moths among the Amatidae, Archtiidae, and		submorsitans newst. in northern nigeria. An attempt to produce resistance to homidium in a strain	
Notodontidae - Lepidoptera. 56	649 a	Trypanosoma vivax transmitted by tsetse flies.	616
Pinpoint spraying - accurate spraying application credited for a 99.7 per cent kill.	a 84 1	Field trials of prothidium as a prophylactic in cattle Trypanosmiasis.	621
GEORGIA Infection with the tapeworm Raillietina cesticillus in Georgia poultry flocks. 6	139	GLUCONIC ACID Occurrence of gluconic acid and 2-hexenal in the defensi secretions of three species of Eurycotis Blattaria,	ve E60

Biology studies of Macrosiphum avenae Fabr.), Acyrthosiphon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in western Oregon. GLUCOSE Storage of hay. IV. effect of storage in nitrogen on the soluble sugar and dry matter contents of ryegrass. 5859 Glucose biokinetics in owine pregnancy toxemia. 6067 Veromessor lobognathus: third note (Hymenoptera: Formicidae) . 5885 GLUCURONIC ACID Hexuronic acid metabolism in Agrobacterium tumefaciens. GRASSHOPPERS 5769 Mechanism of locust jumping. 5591 GLUTATHIONE Insects collected on Wyoming rangeland in connection with Studies on glutathione in tissues of dystrophic chicks. grasshopper-egg sampling. The biology of Anthrax limatulus fur (Osten Sacken), with GLYCINE a key to and description of pupae of some species in th Anthrax albofasciatus and Trimaculatus groups (Diptera: The nonessentiality of glycine and the essentiality of 1-proline in the chick rutrition. 6172 Bombyliidae). 5865 Take one teaspoonful of malathion: planes can now fly higher, make a wider swath, and use an unbelievable small amount of chemical. The Corpus cardiacum as a metabolic regulator in Blaberus discoidalis Serville Blattidae). 5 5633 Metals, other elements, and residues in foods. The effect of feed supplements on the yield and composition of milk from cows grazing good pasture. 591 6304 Determination of glyodin (2-heptadecyl glyoxalidine acetate) residues on apples. 6320 GREAT BRITAIN Certain important animal diseases in Great Britain. 6149 New species of crane-flies from tropical America (Diptera: Tipulidae). I. 54 GREENLAND 5427 6056 Rabies discovered in greenland. GROWTH FACTORS 5986 The effect of soil fungi and root-knot nematodes on the growth of white clover in field bins. Chronic poisoning of sheep and goats by lead. The indirect haemagglutination test in the diagnosis of melioidosis in goats. The additive effects of nucleic acids and antibiotics as individual growth promotants for chicks. 6055 6000 A primary pulmonary neoplasm in the goat. 6122 The effects of feeding Baloanisone on the growing chicken. GONADS 6083 Gonad degeneration in Blatta orientalis L. and other cockroach species. 5653 Chick embryo cells grown in vitro in continuous culture. A micro syringe for laboratory grain fumigation. The relative growth stimulating effects of several antibiotics on chicks raised in old and new batteries. 612 5424 6127 The sorghum midge complex (diptera, cecidomyiidae). 5485 Influence of reserpine and antibiotics on growth and on beta-propionitrile-induced dissecting aneurysms in turkeys.
6187 Biology studies of Macrosiphum avenae Fabr.), Acyrthosiphon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in western Oregon. 5859 Ecological observations and laboratory experiments on the The control of weeds in spring cereals with MCPA, MCPB and 6241 free-living stages of Cooperia onchophora. Perception of environmental stimuli orienting growth and movement in lower plants. Deterioration of stored grains by fungi. 6256 6348 The effectiveness of certain grain funigant formulations. The penetration of growth regulators into leaves. 6363 I. Dosage mortality. 6261 GRUMUSOLS UMUSOLS Environmental factors related to medusahead distribution. 5898 Laboratory studies on dispersion behavior of adult beetles in grain. VII. the effect of isolated pockets of damp and moldy grain on Tribolium castaneum (hbst.) (coleoptera, tenebrionidae). 6263 GRYLLOTALPIDAE Mole cricket control in shade tobacco plant beds. 5669 GRAIN SAMPLING Report on physical properties of pesticides. GS-17 5914 Dainty dogies in phoenix. GRAPE VINEYARDS Serological relationships of virus isolates from grapevines GHINEA PIGS with different disease symptoms. Studies on the infectious bronchitis virus of chickens isolated in Finland with reference to the serological surve of its occurrence. GRAPES Life history studies of the grape root borer (Lepidoptera Aegeriidae) in Missouri. 5853 Rhabdomyomatosis in the heart of the guinea pig. 6151 A comparison of hay and silage for milk production. 5907 Experimentally induced Gumboro disease (IBA). . 6039 On-the-farm studies of Gumboro disease in broilers. 6119 Notes on new host plant records and parasites of Liriomyza sorosis in Florida DipteraO Agromyzidae). 5667 GYNIULUS A new Florida milliped genus of the family Paraiulidae. Distribution of major and trace elements in some common pasture species. 5515 5724 GYPSOPHOCA Histopathology of Ditylenchus radicicola in American beachgrass and other hosts. Pulmonary acariasis in a Tasmanian fur seal. 6157

5771

GYPSOPHOCA

	SUBJECT	INDEX	
HABITATS			
Habitato			
HABITATS Status of Aedes aegypti in the eastern Mediterranean.	5457	BELICOPTERS Bell helicopter research and development widens rotary versatility in aerial application.	wing 5717
Biology of Hippelates pallipes and H. bishoppi Diptera Chloropidae) in Wisconsin.	.0 5625	I fly by night.	5727
HAPMAPHYSALIS A guide to the identification of all stages of the haemaphysalis ticks of south India.	5569	Advantages of fixed-wing and rotary-wing aircraft in ag cultural aerial application - a symposium - The rotary- story The fixed-wing story.	5731
HARMOLAELAPS		Aircraft are not enough.	5732
Some previously unpublished drawings of gamasid mites b late Dr. A. C. Oudemans.	y the 5565	Taters get copter treatment: lower cost, better prote tion with aerial application for New England potato cro	
The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211	Pinpoint spraying - accurate spraying application credi for a 99.7 per cent kill.	ted 5841
HARMONCHOSIS			50.45
Some relationships between trichostrongylid infestation cobalt status in lambs Haemonchus contortus infestation		Dainty dogies in phoenix. Tandem helicopter designed for ag application.	59 14 64 17
	0220	rance restroped designed for all appropriate	
Polio-encephalomacia associated with myocardial degener it a group of housed sheep experimentally infected with		New spray eguipment minimizes drift problem.	64 19
Haemonchus contortus.	6252	Aspects of the ecology and parasitic relationship to pe	anuts
HAIRY VETCH		of several ectoparasitic nematodes in North Carolina.	
Toxicity of common and hairy vetch seed for poults and chicks.	6034	HELIODORUS	5829
HAITI		North American Tachinidae (Diptera).	6140
A new lacebug from Haiti (Hemiptera: Tingidae).	5855	HRY TAMBLE	
HALICTUS Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae).	ra: 5843	HELIOTHIS Spanogonicus albofasciatus as an insect and mite predat (Hemiptera: Miridae).	5847
Spirectuae,	3043	The bionomics of an insect-parasitic nematode.	5870
Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pompilidae).		HELIOTHIS ZEA Notes on the biology and behavior of Heliothis zea (Boddie) on grain sorghum.	5592
HANSTERS Experimental intestinal histoplasmosis of hamsters.	6154	Laboratory mating studies of the corn earworm, Heliothi	.s 5664
Leptospira pomona infection in hamsters.	6155	zea Lepidoptera, Noctuidae).	3664
HAPLIDUS Descriptions and records of Hesperophanini with keys to species of Anatinomma and Amphelictus (Coleoptera: Cerambycidae).		Resistance in corn to the corn earworm, Heliothis zea, the fall armyworm, Spodcptera frugiperda Lepidoptera, Noctuidae). i. larval feeding responses to corn plant extracts.	and 5866
42570244074	3433	Resistance in corn to the corn earworm, Heliothis zea,	and
HARCWOODS Development of wound heartwood in Iowa hardwoods.	5795	the fall armyworm, Spodoptera frugiperda Lepidoptera, Noctuidae). iII. use of plant parts of inbred corn line by the larvae.	s 5880
HAVAII Entomological notes from the Aloha State.	5479	HELMINTHIASIS The control of heminthiasis in ruminants.	6219
Comparative suitability of the four murine rodents of Hawaii as hosts for Xenopsylla vexabilis and X. cheopis (siphonaptera).	5482	Antigenic analysis of a Metazoan parasite, Toxocara can I. extraction and assay of antigens.	
HAY An association between a species of Caloglyphus (Acarin Acaridae) and Phyllophaga anxia (Coleoptera: Scarabae- idae).	a: 5861	HELMINTHOSPORIUM Serological differentiation of normal and diseased Helm thosporium victoriae.	in- 6394
		HEMAGGLUTINATION	
A comparison of hay and silage for milk production.	5907	Indirect hemagglutination test for chickens infected ar ficially with Escherichia coli.	6169
Further observations on a congenital cyclopian-type mal mation.	for- 5952	Antigenic analysis of a Metazoan parasite, Toxocara can I. extraction and assay of antigens.	is. 6231
HEART Abnormal heart sounds and murmurs of the dog.	5989	HEMAGGLUTINATION-INHIBITION TEST Research note. a comparison of serum dilution technique	s for

Antigenic analysis of a Metazoan parasite, Toxocara cani I. extraction and assay of antigens.	6231
HELMINTHOSPORIUM Serological differentiation of normal and diseased Helmi	
thosporium victoriae.	6394
HENAGGLUTINATION	
Indirect hemagglutination test for chickens infected art ficially with Escherichia coli.	: i- 6169
Antiqueic analysis of a Metazoan parasite, Toxocara cani	S.
I. extraction and assay of antigens.	6231
HEMAGGLUTINATION-INHIBITION TEST	
Research note, a comparison of serum dilution techniques	for
the tube hemagglutination-inhibition (HI) test.	6147
HEMICYCLIPHORA	
Effects of plant-parasitic nematodes on growth of cranbe	5762
HENIPTERA	
Synonymy of the genera Rhyacobates esaki 1923 and Esakobates lundblad 1934, and a description of a new	
species of Rhycobates from China. (Bemiptera: Gerridae).	5493
Concerning the genus Limnogonus and a new subgenus (Beteroptera: Gerridae).	5494

HEATIBG
Deterioration of stored grains by fungi.

HEAVY WATER
Polymerization of TMV protein in water and in heavy water.
5811

HEBRUS
Three new species of Hebrus curtis from the philippine Islands.

		HI	ISTAMINE
Identification of the nymphs of common families of ${\tt Hemiptera.}$	5509	Movement of 2,6-dichlorobenzonitrile in soils and in pla in relation to its physical properties.	nts 5906
Three new species of Hebrus curtis from the philippine Islands.	5540	Herbicides, sodium trichloroacetate and dalapon.	6384
Epizootiology of Trypanosoma cruzi in southwestern Nort America.	h 5553	Preparation of organotin-phosphorus compounds and their logical activities - potency against fungi, toxic activi against insects and phytotoxic properties.	
Epizootiology of Trypanosoma cruzi in southwestern Nort America.part I. new collection records and hosts for Trypanosoma cruzi Chagas (Kinetoplastida:Trypanosomidae (Bemiptera:Triatominae).			or- 5952
Spanogonicus albofasciatus as an insect and mite predat (Hemiptera: Miridae).	or 5847	HEREDITY A self-induced, nonhereditary variation in Verticillium.	5763
A new lacebug from Haiti (Hemiptera: Tingidae).	5855	HEHMAPHRODITISM	6126
The effect of various factors on surveys of predaceous insects in soybeans.	5856	HESPERAPIS	0120
EMOGLOBIN Comparison of hemoglobins of Fasciola gigantica Trematoda Digenea) and its host.	6236	Notes on the biology of Hesperapis regularis (Cresson) (Hymenoptera: Melittidae). HESPEROPHANINI	5444
A colorimetric method for carboxyhemoglobin determinati in chick blood.		Descriptions and records of Hesperophanini with keys to species of Anatinomma and Amphelictus (Coleoptera: Cer-	the 5453
EMOPHILIA A disorder resembling Hemophilia H (Christmas Disease) in dogs.	6330	HETERODERA Studies on the life cycle and host range of the lespedez cyst nematode.	za 5892
EMOPHILUS Infectious bovine keratoconjunctivitis. III. Demonstrat of toxins in Moraxella (hemophilus) bovis cultures.	ion 6043	HETERODON Research into the nidality of Leptospira ballur in campestral hosts including the hog-nosed snake (Heterodo platyrhinus).	on 6002
EPATIC NECROSIS Serum isocitric dehydrogenase (sic-d) activities in dom animals with experimental hepatic necrosis and in equin- hepatopathy.		A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana:	5474
EPATITIS (DUCK) Distribution and concentration of duck hepatitis virus inoculated ducklings and chicken embryos. EPATOCELLULAR NECROSIS	in 6053	HEXACHLOROPHENE The comparative anthelmintic efficiency of hexachlorophe Hayer 9015 and subcutaneous carbon tetrachloride in an	
Serum transaminase activities in cats with hepatic necr	osis. 6311	outbreak of subacute fasciolosis in sheep. HEXATOMA New species of crane-flies from tropical America (Dipter	
BPTACHLOH Activation studies on Florisil.	6301	Tipulidae). I.	5427
Heport on analytical methods for pesticide formulations	• 6375	HEXENAL, 2- Occurrence of gluconic acid and 2-hexenal in the defensi secretions of three species of Eurycotis Blattaria, Blattidae, Polyzosteriinae).	ive 5604
Collaborative study of chlordane and heptachlor.	6400	HIPPELATES BISHOPPI	
Determination of heptachlor in heptachlor granules. EPTACHLOR EFOXIDE	6404	Temperature effects on the immature stages of Hippelates pusio, H. bishoppi, and H. pallipes Diptera, Chloropidae).	5632
The toxicity of some chlorinated hydrocarbon insecticid to british wild foxes (vulpes vulpes).	es 5955	HIPPELATES COLLUSOH	
Activation studies on Florisil.	6301	The reproductive biology of Hippelates collusor Townsen DipteraO Chloropidae).	id) 5579
Metals, other elements, and residues in foods.	6304	HIPPELATES PALLIPES Temperature effects on the immature stages of Hippelates	3
EPTACHLOR EPOXIDE Collaborative study of certain chlorinated organic pesticides in dairy products.	6298	pusiO, H. bishoppi, and H. pallipes Diptera, Chloropi-	5632
EHEICIDE HESIDUES Spray drift claims are murder.	6296	HIPPELATES PUSIO Temperature effects on the immature stages of Hippelates pusio, H. bishoppi, and H. pallipes Diptera, Chloropi-	5632
Determination of herbicides in oils.	6414	dae). HIPPODAMIA SINUATA SPURIA	3032
BHHICIDES Report of subcommittee E on recommendations of referees	• 5 71 9	Biology studies of Macrosiphum avenae Fabr.), Acyrthosi phon dirhodum Walker), and Hhopalosiphum padi L.) on	5859
Report on herbicides and plant growth regulators.	5745	HIRSTIONYSSUS The importance of the Herlese technique in studying	
The relationship between the herbicidal effect of 2,6-dichlorobenzonitrile and its persistance in the soil	1. 5895		6211
Aberrations of the nucleic acid metabolism of plants in by 4-amino-3,5,6-trichloropicolinic acid.		The immunological and biological reactions of neoplastic	: 6048

HIS	TOC	HEM	IST	RY
-----	-----	-----	-----	----

HISTOCHEHISTRY Histochemistry of foliage diseases.	5832	HUMAN ENGINEERING The ornithophilic black fly Simulium meridionale Riley (Diptera: Simuliidae) feeding on man during autumn.	5691
Further observations on swayback.II. HISTOCHEMICAL localization of cytochrome oxidase activity in the cent nervous system.	ral 5941	HUMAN NUTRITION Insect control vs. human nutrition.	5698
HISTOPATHOLOGY Histopathology of Ditylenchus radicicola in American beachgrass and other hosts.	5771	HUMANS Biology of Hippelates pallipes and H. bishoppi Diptera Chloropidae) in Wisconsin.	.0 5625
HISTOPLASMA CAPSULATUM Experimental intestinal histoplasmosis of hamsters.	6154	Epizootiology of Trypanosoma cruzi in southwestern Nort America. iXO An investigation to determine the incidenc of Trypanosomi cruzi infections in Triatominae and man	e
HOG CHOLERA VIRUS Brain lesions and viremia studies in swine infected wit cholera virus of low pathogenicity.	h hog 6085	the Yucatan Peninsula of Mexico.	5699
HOMIDIUM BROMIDE		The effect of various humidity levels on hatchability o pink bollworm eggs.	f 5425
An attempt to produce resistance to homidium in a strai Trypanosoma vivax transmitted by tsetse flies.	n of 6166	Effect of temperature and humidity on Trogoderma anthrenoides (sharp) (coleoptera, dermestidae) and	5445
HONDURAS Biology and control of Dermatobia hominis (L. Jr.) in Honduras (Diptera: Cuterebridae).	5503	comparisons with related species. Status of Aedes aegypti in the eastern Mediterranean.	5445
HOPS			5 457
Determination of aphids in hops. The determination of Kelthane residues on fruits and	5578	Effects of soil temperature and moisture on Tylenchulus semipenitrans.	5888
vegetables.	6280	Effect of soil moisture on Xiphinema americanum in abse of host plants.	nce 5889
HORMONES			
A study of the effects of hormones and vitamin A on bov teat canal in organ culture.	ine 6137	Effects of soil type, moisture level, and temperature of larval and pupal stages of the common cattle grub, Hypo ma lineatum.	
HORSEMBAT Determination of horse meat in cooked meat products.	5917	HUMUS Aluminum in soils and plants on the coastlands of briti.	sh
HORSES		guiana.	5728
Production and fermentation of lactate by bacteria in t alimentary canal of the horse and pig.	he 5929	HYDRACRYLIC ACID BETA-LACTONE Newcastle disease: immune response in chickens to a bet	a-
Osteochondrosis of the tibial tuberosity of the horse.	5936	propidlactone-killed virus vaccine.	6019
Equine dermatitis (cutaneous streptothricosis) infectio with dermatophilus in the United States.	n 5945	HYDRELLIA A revision of Nearctic species of Hydrellia Diptera0 Ephydridae).	5461
Equine salmonellosis.	5960	HYDROBROMIC ACID Determination of aldrin, dieldrin, or endrin in formula	tions
Oak leaf poisoning in two horses.	5993	betermination of adding diedding of ending in formula	6412
Hypertrophic pulmonary osteoarthropathy in a horse - a report.	case 6021	HYDROGEN SULFIDE Nature, origin and prevention of hydrogen sulphide arom vines.	a in 6258
The immunization of horses with Botulinum toxoid.	6340	HYDROGEN-ION CONCENTRATION	
HOST RELATIONSHIPS Notes on the seasonal occurrence of six tick species in		Nitrogen activity index of urea-formaldehyde compounds.	6377
Northwest Arkansas.	5670	HYDROPHILIDAE	
HOST SPECIFICITY Experiments on host-finding and host-specificity in the		Insects of pine cones in Arkansas.	5838
monogenean skin parasite Entobdella soleae.	6233	HYDROPSYCHE New Hydropsychidae (Trichoptera).	5460
The cat flea, Ctenocephalides felis felis Bouche, 1835 as an intermediate host for cestodes.	6238	HYDROXY ACIDS	
HUMAN DISEASES	5700	Low molecular weight phenols in higher plants.	6358
Introduction to parasitology. gL757.j6,. Investigation of an epidemic of St. Louis encephalitis	5702 in	HYLARUS Notes on the biology of Philanthus bicinctus (Hymenopte: Sphecidae).	ra: 5843
Danville, Kentucky, 1964.	5706	HYLASTES ATER	
Arthropods and psychic disturbances.	5709	Nematodes associated with the pine-bark beetle, Hylaste: ater, in New Zealand.	:s 5458
St. Louis encephalitis in Memphis, tennessee, 1964.	5714	HYLOBIUS	
Difference in physiology of vibrio spp. from chickens a man.	nd 6004	A method of collecting adults of the pales weevil, Hylo pales and the pitch eating weevil, pachylobius picivorus (Coleoptera: Curculionidae).	
Perianal and/or rectal lesions in South American Blasto mycosis.	6077	HYMENOLEPIS DIMINUTA	
Cutaneous anthrax.	6173	Exposure of Tribolium confusum to Thio-TEPA and its effect upon development of Hymenolepis diminuta cysticercoids.	
		001404	5,0,

		IMMO	NIZATION
YMENOPTERA		ICSH	
Bredin-Archbold-Smithsonian biological survey of Dominica. 4. two new species of Tiphia from the West Indies		Hormonal control of the hen:s ovulation cycle.	5915
Hymenoptera0 Tiphiidae).	5429	IDAHO Dinneight correspond a accurate approving application and	403
A new allaporus from southern Texas (Hymenoptera: Pompilidae).	5470	Pinpoint spraying - accurate spraying application credifor a 99.7 per cent kill.	5841
		ILEX	
Prey records for some Midwestern and Southwestern spide wasps (Hymenoptera: Pompilidae).	r 5471	Effects of Pratylenchus penetrans on the nutrient level N, P, K, Ca, and Mg in roots and leaves of Ilex rotundifolia and Berberis julianae.	of 5797
An anomalous specimen of Andrena chlorogaster Viereck (Hymenoptera: Apoidea).	5549	ILLINOIS	3, 3,
The biology of Anthrax limatulus fur (Osten Sacken), wi a key to and description of pupae of some species in th		The prevalence of leptospiral antibodies in sera from sheep in illinois.	59 7 5
Anthrax albofasciatus and Trimaculatus groups (Diptera: Bombyliidae).	5865	An effort to identify rables in bats from northwestern Illinois.	6183
YNESIONELLA		YTINUMMI	
Concerning the genus Hynesionella poisson and a new species from South Africa (Heteroptera: Gerridae).	5492	On the source and nature of bactericidal factors in the hemolymph of normal and immune wax moth larvae, Galleri mellonella L.).	
YPERA POSTICA			
Interrelationship of Hypera postica Coleoptera, Curcul onidae) and Bathyplectes curculionis Hymenoptera, Ichne monidae) in the eastern United States with particular	u-	Nature of immunity to Newcastle disease in chickens. 3. Correlation of signs, virus isolation and serology in vaccinated chickens.	5938
reference to encapsulation of the parasite eggs by the vil larvae.	5652	Sterile immunity, coinfectious immunity and strain diffences in Babesia bigemina infections.	er- 5965
YPEREMIA The microscopic lesions of acute fowl cholera in mature chickens.	6142	Induction of immunological tolerance in rats to Nippost gylus brasiliensis infection.	ron- 6232
YPERPHAGIA Hyperphagia in the blowfly.	5609	Immunity to Eimeria tenella and Eimeria necatrix infec- tions in the fowl. i. influence of the site of infection	
YPERTROPHIC PULMONARY OSTEOARTHROPATHY		the stage of the parasite. iI. cross-protection.	6242
Hypertrophic pulmonary osteoarthropathy in a horse - a report.	602 1	Acquired immunity to Trichuris muris in the albino labotory mouse.	6251
YPHANTRIA Araneida as predators of the fall webworm.	5674	IMMUNIZATION Monolayer cultures of insect cell lines and their inocution with a plant virus.	la- 5601
Two tortricids and their parasites in Arkansas.	5679	Experimental immunization of cattle with myxovirus	3001
NPOASPIS Some previously unpublished drawings of gamasid mites b		parainfluenza 3 vaccines.	5964
late Dr. A. C. Oudemans.	5565	Vaccination of poultry against Newcastle disease. iI. Harmlessness and immunological properties of chemically inactivated Newcastle disease virus.	5976
Hypocalcemia in cattle clinical observations and certai electrolyte serum blood values of dairy cattle.	n 6106	A survey of the species of Coccidia in chickens in main	
YPODERMA			3370
Comparative development of the Hypoderma and Lophodermi needle casts of eastern white pine.	ւստ 5758	Attenuation of virus diarrhea virus (strain Oregon C24v for vaccine purposes.	5982
Effects of soil type, moisture level, and temperature of larval and pupal stages of the common cattle grub, Hypoma lineatum.		Responses of different stocks of chickens to inoculation embroyos and as chicks with strain RPL 12 and field ison of leukosis virus.	
SYPCDERMA BOVIS Systemic insecticides for the control of cattle grubs,		The transfer of antibodies from the mother cat to her newborn kittens.	6032
Hypoderma lineatum DeVillers) and Hypoderma bovis \mathbf{L}_{ullet}).	6208	Animal viruses and their relationship to diseases in ma	n. 6066
HYPODERMA LINEATUM			5550
Systemic insecticides for the control of cattle grubs, Hypoderma lineatum DeVillers) and Hypoderma bovis L.).	6208	Experimental vaccination of pigs with avirulent rough strains of Salmonella cholerae suis.	6069
HYPOMAGNESEMIA		Life cycle of Isospora rivolta Grassi, 1879) Wenyon, 1923 in the dog.	6082
Interrelationships of magnesium, potassium and nitrogen hypomagnesemia.	5933	Diagnosis of bowine vibriosis. 1. the production and ustandard suspensions of Vibrio fetus agglutinating anti	
Effect of light on sexual reproduction in Hypomyces sol f. cucurbitae.	ani 5776	Immunoglobulins in sheep.	6117
IBA Experimentally induced Gumboro disease (IBA)	6039	Pathologic and immunologic studies on field and expering postvaccinal reactions following vaccination against be virus diarrhea.	
CERYA PURCHASI Vice, virtue, and the vedalia.	5610	Live virus immunizing agents.	6130
ICH NEU MONIDAE		Experimental evaluation of culture and serum vaccination	n for
Insects of pine cones in Arkansas.	5838	the control of swine erysipelas VI. VACCINATION of wean pigs farrowed by susceptible and immune dams.	

IMMUNODIAGNOSIS

Experimental evaluation of culture and serum vaccination the control of swine erysipelas. VIII. further observation serum potency with relation to immunization of weanlipigs.	ions	INFECTIOUS DISEASES Eradication versus control in communicable disease prevention.	5713
The experimental inoculation of heifers with Vibrio feto of ovine origin.	us 6185	Reviews of the progress of dairy science section F. Milk-borne disease.	5956
		Nutrition and infectious disease.	6044
Noninterference with immunity by a trivalent vaccine containing distemper virus, infectious canine hepatitis virus and Lertospira canicola.		INPECTIOUS LARYNGOTRACHEITIS Cytopathologic changes in tissue culture infected with a laryngotracheitis virus.	vian 6191
Bovine babesiosis. The immunization of cattle with killo babesia argentina.	ed 6237	INPECTIOUS LARYNGOTRACHEITIS VIRUS Pathogenesis and cytochemistry of virus-induced nuclear	in-
The immunization of horses with Botulinum toxoid.	6340	clusion bodies.	6141
IMMUNODIAGNOSIS Studies on the infectious bronchitis virus of chickens is lated in Finland with reference to the serological surv of its occurrence.		INFECTIOUS SYNOVITIS Experiences of infectious synovitis in broiler breeding stock and broiler chickens, with particular reference to natural spread of the disease.	the 6041
IMMUNOLOGY Epizootiology of Trypanosoma cruzi in southwestern Nora America, part VII. experimental control of trypanosoma	th	Control of infectious synovitis. 14. The effect of age of chickens on the susceptibility to three agents.	6061
cruzi by immunological methods.	5552	A study of the comparative pathology of experimental inf tious synovitis and staphylococcal arthritis in chickens	
Plant virus inclusions.	5821	TNDDINGS Dive	,.
INDEXES		INFRARED RAYS Infrared determination of endrin residues.	6282
Small animal literature index.	6090	Report on analytical methods for pesticide formulations.	
INDIA A study of the genus Micronecta of India, Japan, Taiwan			6385
and adjacent regions (Beteroptera: Corixidae).	5455	The infrared analysis of rotenone.	6390
A guide to the identification of all stages of the	F.F.C.O.	Determination of thiram in ferbam.	6397
haemaphysalis ticks of south India. INDIANA	5569	Infrared analysis of aldrin emulsible concentrates: 1961 aOAC collaborative test program.	l 6398
A new species of Ozarkogona from Indiana (Diplopoda: Chordeumida: Cleidogonidae).	5449	Total chlorine and infrared methods for the determination aldrin, dieldrin, and endrin formulations.	on of 6399
INDOLEACETIC ACID Hormonal regulation of citrus leaf abscission and its retive influence on protein synthesis.	ela- 6342	Modifications of the Knoerlein infrared method for roten	one. 6407
IMPECTIOUS BOVINE RBINOTRACBEITIS VIRUS		Determination of malathion in formulations.	6411
Isolation of the virus of infectious bovine rhinotrache from range cattle.	itis 6088	INFRARED SPECTRA Infrared studies of the mechanisms of adsorption of urea	a and
Pathogenesis and cytochemistry of virus-induced nuclear clusion bodies.	in- 6141	its herbicidal derivatives by montmorillonite.	5901
INFECTIOUS BRONCBITIS Evaluation of the immunity response to infectious broncl virus.	hitis 6045	INSECT ABNORMALITIES An anomalous specimen of Andrena chlorogaster Viereck (Hymenoptera: Apoidea).	5549
The effect of intranasal exposure to Mycoplasma synoviae and infectious bronchitis on development of agglutinins.	e	A trifurcate tiger beetle antenna (Coleoptera: Cicindelidae).	5577
	6110	Morphological abnormalities resulting from radiofrequenc treatment of larvae of Tenebrio molitor.	у 5630
Infectious bronchitis virus interference with growth of Newcastle disease virus. II. Interference in chickens.	6133	INSECT ANATOMY Leishmaniasis in the Sudan Republic. 28. anat649311 studies on Phlebotomus orientalis Parrot and P. papatasi	L
Immunological characteristics of a variant of infectious bronchitis virus isolated from chickens.	s 6195	Scopoli DipteraO Psychodidae).	5697
Serological study of Australian chickens affected with a uremia disease syndrome.	a 6196	North American Tachinidae (Diptera). INSECT BEBAVIOR	6140
INFECTIOUS BRONCHITIS VIRUS Studies on the infectious bronchitis virus of chickens i		Notes on the biology of Hesperapis regularis (Cresson) (Hymenoptera: Melittidae).	5444
lated in Finland with reference to the serological surv of its occurrence.		Biology of the Drosophilia with reference to tomato contination.	am- 5456
Effect of ventilation rate on the response of chicks inoculated with infectious bronchitis virus and housed a 49 degrees F.	at 6131		5471
INFECTIOUS CANINE BEPATITIS VIRUS Noninterference with immunity by a trivalent vaccine coltaining distance rates infectious caping hopetities with		Observations on the nests of Nomia nevadensis bakeri wit comparative notes on Nomia nevadensis arizonensis (Hymenoptera: Halictidae).	ъ 5499
taining distemper virus, infectious canine hepatitis vir and Leptospira canicola.	6206	Some new pompilid prey records from southern Florida Bymenoptera: Pompilidae).	5504

Observations on the dry-season survival of Simulium damnosum theo. in ${\tt Ghana.}$

5519

INSECT DISSEMINATION

Treetop mating aggregations of Pogonomyrmex (Hymenoptera: Formicidae). 5526	Biology of the predatory mite Phytoseiulus macropilis in Hawaii Acarina, Phytoseiidae. 5651
Seasonal changes in populations of phlebotomine sandflies (Dipt., Psychodidae) in Kenya. 5529	Biology of the broadheaded bug Alydus pilosulus Hemip- tera, Alydidae). 5675
Correcting behavior by insects on vertical and horizontal mazes. 5580	Biology studies of Macrosiphum avenae Fabr.), Acyrthosi- phon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in western Oregon. 5859
Observations on the biting habits of mosquitos in the forest canopy at Zika, Uganda with special reference to the crepuscular periods.	INSECT COLLECTING EQUIPMENT The effect of site and sampling method on the size and composition of catches of tsetse flies (glossina) and
A dispersal mechanism in mites. (Acarina: Anoetidae). 5619	tabanidae (diptera). 5557 A method of collecting adults of the pales weevil, Hylobius
Notes on the behavior of Australian colletid bees. 5643	pales and the pitch eating weevil, pachylobius picivorus (Coleoptera: Curculionidae). 6422
Basic behavior of North American Solpugida. 5646	A double mount for minute arthropods. 6430
Notes on oviposition behavior responses of the codling moth, Carpocapsa pomenella L., to air movement, temperature and light. 5648	A new method of pointing insects. 6437
Mating of the house fly Musca domestica L., in monitored darkness. 5659	INSECT CONTROL Biology and control of Dermatobia hominis (L. Jr.) in Honduras (Diptera: Cuterebridae). 5503
Laboratory experiments on the trail following of army ants of the genus Neivamyrmex (Formicidae: Dorylinae). 5672	A synecological study of the effects of the imported fire ant eradication program II. light trap, soil sample, litter sample and sweep net methods of collecting. 5548
Observations on the larval habits of some Callidiini with special reference to Callidiellum cupressi (Van Dyke) (Coleoptera: Cerambycidae). 5851	Chemosterilant studies with the German cockroach. 5593
Laboratory studies on dispersion behavior of adult beetles	Experimental materials to control citrus scale insects in Florida.
in grain. VII. the effect of isolated pockets of damp and moldy grain on Tribolium castaneum (hbst.) (coleoptera, tenebrionidae).	Selective toxicants and toxicant-surfactant combinations for leafminer, Liriomyza munda Frick, control and parasite survival.
Cinephotography as a tool in research and teaching. 6433	Laboratory tests for control of earwigs. 5678
INSECT BIOLOGY Larval systematics of the Troginae in North America with	Mosquito control by aircraft. 5693
notes on biologies and life histories Coleoptera Scara- baeidae. 5432	An experiment on the eradication of Glossina swynnertoni aust. by insecticidal treatment of its nesting sites. 5695
Notes on the biology of Hesperapis regularis (Cresson) (Hymenoptera: Melittidae).	Mass control of insects: the effects on fish and wildlife.
A study of the genus Micronecta of India, Japan, Taiwan and adjacent regions (Heteroptera: Corixidae). 5455	5696
Larval phantom midges in Missouri (Diptera: Chaoboridae). 5469	Insect control vs. human nutrition. 5698 Pest management. sB931.b4. 5721
Biology of the black-legged tick. 5486	Control of the asparagus fly. 5839
The male of Metrocoris squamifer Lundblad (Heteroptera: Gerridae). 5491	The European pine shoot moth ecology and control in the Lake States. 5869
Biology and control of Dermatobia hominis (L. Jr.) in Honduras (Diptera: Cuterebridae). 5503	Determination of residues of Guthion. 6275
A study of the midgut epithelium of five waterbugs (Hemiptera: Crytocerata). 5518	INSBCT DISBASBS Organisms associated with Lasioglossum zephyrum (Hymenoptera: Halictidae). 5435
Some biological observations on Philanthus politus pacificus Cresson (Hymenoptera: Sphecidae). 5541	Insect pathology: challenge, achievement, and promise.
Observations on the biology of Cuterebra latifrons Coquillet (Diptera: Cuterebridae). 5546	Life history studies of the grape root borer (Lepidoptera: Aegeriidae) in Missouri. 5853
The distribution and biology of Andpheles balabacensis in Thailand (Diptera: Culicidae). 5558	INSECT DISSEMINATION Occurrence and relative abundance of certain noctuid moths in northwest Arkansas, fall, 1957. 5484
The biology of Calligaetis floridanus Banks (Ephemeroptera: Baetidae). 5570	The distribution of sandflies (diptera, psychodiadae) in
Notes on the biology and behavior of Heliothis zea (Boddie) on grain sorghum. 5592	Kenya. 5528 A distributional check-list of Nebraska mosquitoes. 5547
Observations on the biology of Laelaspis vitzthumi (Acarina: Laelaptidae). 5626	Life history studies of the grape root borer (Lepidoptera: Aegeriidae) in Missouri. 5853
Biological studies on Paracheyletia bakeri Acarina0 Cheylehdal). 5631	Killing Texas screw worms from the air. 6207
Biology of snail-killing flies from Africa and southern Spain Scionyzidae0 Sepedon). 5636	

INSECT ECOLOGY

•	DICT DCC2CCT			
[]	SECT ECOLOGY Studies of California Phlebotomus species DipteraO Psy-chodidae) with emphasis on the bionomics and vector poten-		Some measures of fitness in different genotypes of the housefly.	5692
	tial of Phlebotomus vexator occidentis Fairchild and Hertig. 54 Millipeds of the order Polydesmia from the Western states	450	MSECT HISTOLOGY Female reproductive system and histology of the ovariols of the asparagus beetle, Crioceris asparagi Coleoptera, Chrysomelidae).	
		514	NSECT IDENTIFICATION	3017
	Nests of Nomia pulchribalteata in New Guinea (Hymenoptera: Halictidae). $$5^\circ \!\!\!\!\!\!$	527	A new species of Ephemerella from Oregon (Ephemeroptera: Ephemerellidae).	: 5428
	The ecology of ants of strip-mine spoil banks.	533	A new genus and three new species of eriophyid mites (Acarina).	5438
	Ecology of the maize weevil, Sitophilus zeamais Motschulsky), relative to flight habits, attraction to sunflowers, and two hymenopterous parasites.		A note on the identity of Acidoproctus mopkinsi mexicant Carriker, 1954 (Mallophaga: Philopteridae).	us 5448
	On the ecology of stem borers in Asia, research on the natural enemies of rice stem borers. 58	t- 8 7 2	A new species of Ozarkogona from Indiana (Diplopoda: Chordeumida: Cleidogonidae).	5449
	Distribution and bionomics of natural enemies of rice stem borers, research on the natural enemies of rice stem borer		Descriptions of some new Cerambycidae from Mexico and Southwestern United States (Coleoptera).	5452
C 1	NSECT EGGS	000	Some new species and subspecies of Crossidius from wester North America.	ern 5454
		425	Two new species of Fulicoffula (Mallophaga) from the Sora.	5466
		539	A new species of Physconelloides (Mallophaga) from Texas	s. 5468
	Egg production and adult life span in two species of Braco Hymenoptera, Braconidae).	on 602	Notes on the genus Euleia walker in North America (Diptera: Tephritidae).	54 7 3
	The influence of diapause on the resistance to desiccation of eggs of Teleogryllus commodus Walk.) Orthoptera, Gryllidae).	n 623	The genus Tephritislatrielle in the nearctic region nor of Mexico: descriptions of four new species and notes of others (Diptera: Tephritidae).	
	The pupation rhythm in Aedes taeniorhynchus Diptera, Culicidae). iI. ontogenetic timing, rate of development, and endogenous diurnal rhythm of pupation.	647	A preliminary atlas for the identification of female but bees (Hymenoptera: Apidae).	mble 5489
	Some eggs of moths among the Amatidae, Archtiidae, and Notodontiidae - Lepidoptera. $$	649	Concerning the genus Hypesionella poisson and a new species from South Africa (Heteroptera: Gerridae).	5492
		650	Synonymy of the genera Rhyacobates esaki 1923 and Esakobates lundblad 1934, and a description of a new species of Rhycobates from China. (Hemiptera: Gerridae)	
	Interrelationship of Hypera postica Coleoptera, Curculionidae) and Bathyplectes curculionis Hymenoptera, Ichneumonidae) in the eastern United States with particular reference to encapsulation of the parasite eggs by the wee vil larvae.		Concerning the genus Limnogonus and a new subgenus (Heteroptera: Gerridae).	5493 5494
	Water changes in cockroach oothecae in relation to the evolution of ovoviviparity and viviparity.	o - 660	New species and new records of Pygostenini from Liberta. Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	• 5501
	Sexual maturity of the rice weevil, Sitophilus oryzae (L.) as indicated by sperm transfer and viable eggs.) 663	A new species of Notonecta from Florissant. (Hemiptera: Notonectidae).	5508
	The identification of Diabrotica species by chorion sculpturing.	844	Identification of the nymphs of common families of Hemiptera.	5509
I	NSECT FLIGHT Ecology of the maize weevil, Sitophilus zeamais Motschul-	_	A preliminary list of the aphids of Missouri.	5512
	sky), relative to flight habits, attraction to sunflowers,		Millipeds of the order Polydesmia from the western state and Baja California.	es 5514
ľ	NSECT GENETICS A comparison by means of X-irradiation in air and in oxyge of the suppressor-erupt systems in several strains of Dro-	-	New myrmecophilus millipeds from Barro Colorado Island, Canal Zone, and Mexico.	5516
	sophila melanogaster. 56 Genetical studies on dieldrin-resistance inMusca domestica	681 a	A new species of Microstylum (Diptera: Asilidae) from Mexico.	5520
		684	New species of Ceroainiops curran (Diptera: Asilidae).	5522
	Inheritance of dieldrin-resistance in Cimex lectularius L and Pediculus h. humanus L.	685	A new genus of Bombyliidae (Diptera).	5536
		687	Discussion of synonymy and first illustrations of larva pupa of Coreopsomela elegans (Olivier 1807) from California.	and 5538
	The effect of temperature on crossvein formation in cross-veinless-like strains of Drosophila melanogaster Meigen).		Three new species of Hebrus curtis from the philippine Islands.	5540
	Interchromosomal effects of autosomal translocations on recombination in Drosophila melanogaster. 56	e- 689	A new species of Alcippus from Equador (Heteroptera: Pentadomidae).	5551

INSECT TAXONOMY

Japygidae of North America, 6. new species of Evalljapy with 26 antennal segments.	x 5561	INSECT PHYSIOLOGY A simple method for in witro storage of insect hemolymph	h. 5439
Japygidae of North America. 9. The genus Metajapyx.	5562	Test flack interaction in the electroretine grantic	
New records for Rhinonyssus himantopus and notes on oth species of the genus.	er 5567	Test flash interaction in the electroretinographic respondence the compound eye.	561
Variations in size and weight of three geographical populations of rice weevil ccmplex.	5879	Combined effects and buffer flow and electrophoretic migration on insect serum protein patterns.	562
NSECT METABOLISM The corpus cardiacum as a metabolic regulator in Blaber discoidalis Serville Blattidae).	us 5633	The pupation rhythm in Aedes taeniorhynchus Diptera, Culicidae). iI. ontogenetic timing, rate of development and endogenous diurnal rhythm of pupation.	564°
NSECT MIGRATION Migratory potential of the army cutworm,.	5637	INSECT REARING Larval systematics of the Troginae in North America with notes on biologies and life histories Coleoptera0 Scara baeidae.	
NSECT MORPHOLOGY Post-eclosion shedding of a membrane by Oncopeltus fasc tus (Dal.) (Hemiptera: Lygaeidae).	ia- 5472	Studies of California Phlebotomus species DipteraO Psy- chodidae) with emphasis on the bionomics and vector pote	- e n-
The genus Ceraleptus Costa in the Western Hemisphere (Hemiptera: Coreidae).	5478	tial of Phlebotomus vexator occidentis Fairchild and Her tig.	5450
Some laboratory observations on the rates of developmen mortality and oviposition of several species of Bruchid breeding in stored pulses.		Laboratory observations on the life history and habits on Dermatobia hominis Diptera, Cuterebridae). i. mating behavior.	of 5582
New species and new records of Pygostenini from Liberta		Life history of Geocoris punctipes Hemiptera, Lygaeidae in the laboratory.	e) 5598
Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	5501	Biology of Hippelates pallipes and H. bishoppi Diptera Chloropidae) in Wisconsin.	0 5625
The genus Galendromus Muma, 1961 (Acarina: Phytoseiidae).	5532	Wheat-germ diets for insects, rearing the boll weevil an	ьd
The species of Colpocephalum (Mallophaga: Menoponidae) known to occur on the Strigiformes.	5544	the salt-marsh caterpillar. INSECT REPRODUCTION	567
Recognition and duration of larval instars of the rice weevil and the granary weevil.	5563	Female reproductive system and histology of the ovariole of the asparagus beetle, Crioceris asparagi Coleoptera, Chrysomelidae).	
Larval instars and head capsule morphology in three sou eastern Ips bark beetles.	th- 5574	INSECT RESPIRATION The corpus cardiacum as a metabolic regulator in Blaberu discoidalis Serville Blattidae).	
Effects of malathion and parathion on ejection of young from gravid female spotted alfalfa aphids.	5585	INSECT TAXONOMY	5633
Correlation of testis development with external growth the Madeira cockroach (Orthortera: Blattidae).	in 5586	New and redescribed species of Raphignathidae (Acarina) and a discussion of the chaetotaxy of the Raphignathoida	1e. 5430
Observations on the mites Phyllocoptruta oleivora (Ashmead) and Aculus pelekassi Keifer under laboratory conditions.	5594	Synonymy and variation cf some species of the ant genus Anochetus.	5440
A new Dermatorhagoides: it prevents the rising of self- rising flour (Acarina: Epidermoptidae).	5606	Notes on the taxonomy of the fossil Kyelidae (Hymenopter Symphyta.	5443
Observations of the bionomics of a colonial bee of the Perdita (Hymenoptera: Apoidae, Panurginae).	genus 5644	Type specimens of North American Tipulidae (Diptera) described by Francis Walker.	5447
Leishmaniasis in the Sudan Republic. 28. anat649311 studies on Phlebotomus orientalis Parrot and P. papatas		A new genus and twelve new species of mites from Mexico Southeast United States (Acarina: Blattisocidae).	and 5459
Scopoli Diptera0 Psychodidae).	5697	A revision of Nearctic species of Hydrellia DipteraO Ephydridae).	5461
NSECT MUTATION Caffeine-induced mutagenesis in Drosophila.	5680	A new Neotropical water-strider (Hemiptera: Gerridae)	5463
NSECT NAMES Common names of insects.	5505	A new species of Somaphantus MenoponidaeO Mallophaga) from Thailand.	5465
NSECT NEMATODES Nematodes associated with the pine-bark beetle, Hylaste ater, in New Zealand.	s 5458	A new allaporus from southern Texas (Hymenoptera: Pompilidae).	5470
SSECT NUTRITION Insect control vs. human nutrition.	5698	A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera).	5474
NSECT PESTS Evaluation of insect losses. The alfalfa weevil: an exa	mple. 5488	Notes on the Walker types of New World Tephritidae (Diptera).	5476
Man in an insect world.	5581	The genus Ceraleptus Costa in the Western Hemisphere	
Advantages and problems in citrus pest control by aeria plication.	1 ap- 5840	New species of the genus Nemotelus from the western	5478 5483
			5487

INSECT TEMPERATURE

A contribution to the systematics of the bee genus Prot olus Linsley and Michener (Hymenoptera: Apoidea).	epe- 5497	Scopoli DipteraO Psychodidae).	569
The electron microscope as an instrument in insect taxo		Introduction to parasitology. qL757.j6,.	570
Records of the genus Svastra in North America with the	5500	Investigation of an epidemic of St. Louis encephalitis Danville, Kentucky, 1964.	in 570
description of a new species (Hymenoptera: Apidae).	5506	St. Louis encephalitis in Memphis, tennessee, 1964.	5 7 1
Additional records of Missouri aphids.	5511	INSECTICIDAL AEROSOLS A field test of a lindane/dieldrin smoke for control of	the
A new Florida milliped genus of the family Paraiulidae.	5515	death-watch beetle, Xestobium ruffouillosum (deg.) (Coloptera, Anobiidae).	
Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521	INSECTICIDE RESIDUES Pinpoint spraying - accurate spraying application credi for a 99.7 per cent kill.	ted 584
Two new genera of halictine bees from the Araucanian su gion of South America (Hymenoptera: Apoidea).	bre- 5530	Disulfoton residues in potato tubers.	627
Generic synonymy in the Phytoseiidae (Acarina: mesostig ta).	ma- 5531	INSECTICIDE RESISTANT INSECTS The insecticidal potency of gamma-BHC and the chlorinat cyclodiene compounds and the significance of resistance	
The genus Galendromus Muma, 1961 (Acarina: Phytoseiidae).	5532	them.	559
The relation of insect taxonomy to applied biology.	5535	Dieldrin-resistance in a strain of Aedes aegypti (L.) f Puerto Rico.	561
A review of the subfamily Systropinae (Diptera: Bombyli dae) in North America.	i - 5537	A dipping technique for selecting house-flies, Musca domestica L. for resistance to insecticides.	566
Two new species of Colpocephalum Mallophaga, Menoponidae) from Neotropical Ciconiiformes.	5543	A morphometric analysis of strains of Drosophilia melanogaster differing in DDT-RESISTANCE	568
Type specimens of Phlebotomus perturbans de Meijere.	5545	Studies of behavioristic insecticide resistance in houseflies.	5 7 1:
A revision of the subfamily Stolidosominae Diptera, Dolichopodidae).	5550	INSECTICIDES	3, 1.
Redescriptions of Anaphothrips orchidaceus and A. orchi arum ThysanopteraOThripidae).	de- 5556	Status of Aedes aegypti in the eastern Mediterranean.	545
The responsibilities of the insect taxonomist.	5560	Entomological research in our changing world.	564
Intrapopulation variability as a restrictive factor in	the	Mole cricket control in shade tobacco plant beds.	566
use of free amino acids in comparative taxonomy.	5564	Report of subcommittee E on recommendations of referees	571:
Some previously unpublished drawings of gamasid mites b late Dr. A. C. Oudemans.	y the 5565	Report on chlorinated insecticides and miticides.	573
A guide to the identification of all stages of the haemaphysalis ticks of south India.	5569	On the ecology of stem borers in Asia, research on the ural enemies of rice stem borers.	nat- 58 7 :
Taxonomic notes on the genus $Ageniella$ (Hymenoptera: Pompilidae).	5571	Effect of insecticidal seed treatments on rice.	587
A new species of Osborniella (Mallopaaga) from the groove-billed ani.	5576	Effects on wild young salmon of spraying DDT over New Brunswick forests.	626
The significance of biotaxonomy to biological control.	5607	The development and use of microbial insecticides conta entomogenous bacteria and viruses.	inin 631
NSECT TEMPERATURE	3007	Preparation of organotin-phosphorus compounds and their logical activities - potency against fungi, toxic activ.	
Temperature range development of immature stages of Geocoris punctipes Hemiptera, lyqaeidae).	5599	against insects and phytotoxic properties.	639
Regulation of heat production by large moths.	5621	Determination of malathion in formulations.	641
Mortality and internal heating in radiofrequency-treate larvae of Tenebrio molitor.		INSECTS Bible references to insects and other arthropods.	544
Biology of a pine bark aphid, Cinara watsoni, and its	3023	Zoogeography and evolution of Pacific insects (a review the entomological program at the Bernice P. Bishop	of
response to temperature.	5846	Museum).	548
Effects of soil type, moisture level, and temperature o larval and pupal stages of the common cattle grub, Hypo	der-	Elements of entomology - the insect.	555
ma lineatum.	6216	Man in an insect world.	558
NSECT TROPISM Laboratory experiments on the trail following of army a		Association of fungi with some insect galls.	5583
of the genus Neivamyrmex (Formicidae: Dorylinae).	5672	Monolayer cultures of insect cell lines and their inocultion with a plant virus.	1a- 560
NSECT VECTORS Studies of California Phlebotomus species DipteraO Psy chodidae) with emphasis on the bionomics and vector pot	en-	An unusual description of the red grasshopper mite (Acaraa: Trombidiidae).	ri- 560
tial of Phlebotomus vexator occidentis Fairchild and He $ au$ ig.	5450	The impact of the development of organcphosphorus	F C III
Leishmaniasis in the Sudan Republic. 28. anat649311	1	insecticides upon basic and applied science.	5642

		LAB	IDOPHORUS
INSURANCE Spray drift claims are murder.	6296	IXODIDES Biology of the black-legged tick.	5486
INTERNATIONAL LAW Pesticide residues in foods: analytical philosophy, technology, and capabilities in other countries.	6285	A guide to the identification of all stages of the haemaphysalis ticks of south India.	5569
INTESTINAL HISTOPLASMOSIS Experimental intestinal histoplasmosis of hamsters.	6154	Notes on the seasonal occurrence of six tick species in Northwest Arkansas.	n 5670
INTRADERMAL ALLERGIC TEST Diagnosis of fascioliasis in cattle by intradermal all		JAAGZIEKTE Pulmonary adenomatosis in south carolina cattle.	6336
test. INTRANASAL EXPOSURE	6121	JAPAN A study of the genus Micronecta of India, Japan, Taiwa and adjacent regions (Heteroptera: Corixidae).	n 5455
The effect of intranasal exposure to Mycoplasma synovi and infectious bronchitis on development of agglutinin		JAPYGIDAE Japygidae of North America, 6. new species of Evalljap with 26 antennal segments.	yx 5561
IODINE Measurements of non-ionic iodine in the milk of dairy following oral administration of labelled sodium iodid	le.	Japygidae of North America. 9. The genus Metajapyx.	5562
IODOACETIC ACID The anatomy and physiology of citrus fruit abscission		JUNIPERUS Observations on the larval habits of some Callidiini w special reference to Callidiellum cupressi (Van Dyke) (Coleoptera: Cerambycidae).	ith 5851
duced by iodoacetic acid. ION EXCHANGE Determination of arsenic in pesticide formulations.	6368	KABATIELLA Methods for obtaining the perfect stage of Kabatiella caulivora.	5792
IOWA Development of wound heartwood in Iowa hardwoods.	5795	KALE Degradation esters of syslox, di-syslon, and thimet on	
IOXYNIL Photolysis of 3,5-di-iodo-4-hydroxybenzonitrile (ioxyn a factor in its herbicidal action.	nil) as 5911	field-sprayed kale. Comparison of five extraction procedures for the recovery DDT residues in field-treated collards.	6283 ery of 6287
IPOMOBA Ipomoea muelleri intoxication of sheep in Western Australia.	6016	KALOBITTACUS New and uncommon neotropical Mecoptera.	5446
IPS BARK BEETLES Larval instars and head capsule morphology in three so eastern Ips bark beetles.		KEEL CYSTS Relationship of several environmental factors to the incidence of breast blisters in large type male market turkeys.	5928
IRON The Rocky Mountain species of Epeorus (Iron) Eaton (Ephemeroptera: Heptageniidae).	5464	KENYA The distribution of sandflies (diptera, psychodiadae): Kenya.	in 5528
ISCHYROPODA The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211	Seasonal changes in populations of phlebotomine sandfl (Dipt., Psychodidae) in Kenya.	ies 5529
ISOBAC Effect of selected fungicides and antibiotics on Xanth nas malvacearum in vitro.		A preliminary assessment of the effectiveness of pyret against the stalk borer Busseola fusca (Fuller) in the field in Kenya.	brum 5884
ISOBENZAN Aircraft applications of insecticides in East Africa X very-low-volume aerosols of dieldrin and isobenzan for control of Glossina morsitans westw.	αIV.	KERATOCONJUNCTIVITIS Infectious bovine keratoconjunctivitis. III. Demonstrator of toxins in Moraxella (hemophilus) bovis cultures. KETOSIS	tion 6043
ISOCITRATE DEHYDROGENASE Serum isocitric dehydrogenase (sic-d) activities in do animals with experimental hepatic necrosis and in equi	mestic	Metabolism of DL-1,2-PROPANEDIOL-2-14- C in a lactating cow. KIDNEYS	9 5998
hepatopathy. ISOFROPYL-4-DIMETHYLAMINO-5-METHYLPHENYL-1-PIPERIDINE CA	5984	A long-term study of renal disease in the dog. KINETOPLASTIDA	6144
Reduction of symptoms associated with high-phosphorus in soybeans by Amo-1618.		Epizootiology of Trypanosoma cruzi in southwestern Nor-America.	th 5553
ISOSPORA RIVOLTA Life cycle of Isospora rivolta Grassi, 1879) Wenyon, 1923 in the dog.	6082	Epizootiology of Trypanosoma cruzi in southwestern Nor- America.part I. new collection records and hosts for Trypanosoma cruzi Chagas (Kinetoplastida:Trypanosomidae (Hemiptera:Triatominae).	
IVORY COAST New species and new records of Pygostenini from Libert Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).		KLAMATH RIVER Dept. of Agriculture announces new pesticides monitoring program.	ng 6266
IXODES The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211	KLEEMANIA The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211
IXODES TRIANGULICEPS The ecology of the tick Ixodes trianguliceps Birula ArachnidaO AcarinaO Ixodoidea).	6210	LABIDOPHORUS The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211

SUBJECT INDEX LABCRATORY ANIMALS LABORATORY ANIMALS On the source and nature of bactericidal factors in the hemolymph of normal and immune wax moth larvae, Galleria Small animal literature index. 6090 mellonella L.). LACCOPHILUS FASCIATUS Laboratory observations on predation activities of Laccophilus beetles on the immature stages of some dipterous pests found in Missouri oxidation lagoons. Mortality and internal heating in radiofreguency-treated larvae of Tenebrio molitor. Morphological abnormalities resulting from radiofreguency treatment of larvae of Tenebrio molitor. 5630 LACCOPHILUS MACULOSUS Laboratory observations on predation activities of Lacco-philus beetles on the immature stages of some dipterous pests found in Missouri oxidation lagoons. 5657 Observations of the bionomics of a colonial bee of the genus Perdita (Hymenoptera: Apoidae, Panurginae). 5644 Production and fermentation of lactate by bacteria in the alimentary canal of the horse and pig. Nesting biology of two communal bees, Euglossa imperialis and Euglossa ignita Hymenoptera, Apidae), including description of larvae. 5929 LAELAPS The genus Laelaps (acarina: laelapidae) in Taiwan. Resistance in corn to the corn earworm, Heliothis zea, and 5498 the fall armyworm, Spodoptera frugiperda Lepidoptera Noctuidae). i. larval feeding responses to corn plant Some previously unpublished drawings of gamasid mites by the late Dr. A. C. Oudemans. Resistance in corn to the corn earworm, Heliothis zea, and the fall armyworm, Spodcptera frugiperda Lepidoptera, Noctuidae). iII. use of plant parts of inbred corn lines LAELAPSIS Three new species of Laelapsis from North America (Acarina: Laelaptidae). 5495 Observations on the biology of Laelaspis vitzthumi (Acariby the larvae. A merganser die-off associated with larval eustrongylides LAMBS Swayback in south-east Scotland. I.Field aspects. II. Clinical, pathological, biochemical aspects. LARYNGOTRACHEITIS Studies on a tissue-culture-modified infectious laryngotraceitis virus. 5939 Further observations on swaytack. I.Transitional pathology. 5940 LASIOGLOSSUM Organisms associated with Lasioglossum zephyrum (Hymenoptera: Halictidae). Further observations on swayback.II. HISTOCHEMICAL localization of cytochrome oxidase activity in the central 5941 Notes on the biology of Philanthus bicinctus (Hymenoptera: nervous system. Sphecidae). Further observations on a congenital cyclopian-type malfor-LASIOSEIUS A new genus and twelve new species of mites from Mexico Southeast United States (Acarina: Blattisocidae). Isolation of Vibrio fetus from the feces of lambs and pencontact transmission of the infection. 5959 LATRODECTUS The pathogenicity for lambs of Escherichia coli of certain North Dakota arachnid records. 6175 serotypes. Chronic poisoning of sheep and goats by lead. Some relationships between trichostrongylid infestation and cobalt status in lambs Haemonchus contortus infestation. 6226 LEAF MINERS Field studies of insecticides against the coffee leaf-miner Leucoptera meyricki ghesg. (Lepidoptera, Lyonetiidae). LAMENESS Spastic lameness of the hindlimbs of an Aberdeen Angus 6339 heifer. Determination of leaf-miner maggots in spinach. **LAMPRTA** LEAF MOLD DISEASE (TOMATOES) Relation of nutrition to Cladosporium leaf mold development Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera). 5521 in tomato. LANTANA CAMARA The entomological control of weeds in Australia. 5912 LEAF ROLL (POTATOES) The diphenylamine color reaction of leaf extracts from plants infected with potato leaf roll virus. LAPHRIA Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera). 5521 LEAF SPOT ANTIRRHINUM) Cercospora leafspot of snapdragons. Keys to the adult female and larval Anopheline mosquitoes LEAF SPOT MAURANDIA) Cercospora leafspot of snapdragons. the Philippines.

LEAVES

5432

5574

5587

5592

Some properties of an inhibitor of virus infectivity from leaves of peanut - a new host of tobacco ringspot virus.

Effects of Pratylenchus penetrans on the nutrient level of

Cytopathology of tobacco necrosis virus infection in tobacco

The diphenylamine color reaction of leaf extracts from plants infected with potato leaf roll virus.

The effect of bean rust on the foliar uptake of p32.

N, P, K, Ca, and Mg in roots and leaves of Ilex rotundifolia and Berberis julianae.

5658

5866

6076

6018

5435

5843

and 5459

5572

5986

5673

6332

5790

5814

5828

5828

5773

5789

5802

5814

(Boddie) on grain sorghum.

baeidae.

Larval systematics of the Troginae in North America with notes on biologies and life histories Coleoptera0 Scara-

A new Philornis with coprophagous larva, and some related species (Diptera: Muscidae).

Larval instars and head capsule morphology in three southeastern Ips bark beetles.

Preservation of insect larvae by vacuum dehydration.

Notes on the biology and behavior of Heliothis zea

. Larval phantom midges in Missouri (Diptera: Chaoboridae). 5469

Influence of bacteria from leaves on cucumber anthracho protectant tests in the greenhouse.	5817	An overlooked old world species of Lethocerus (Hemipter	
Bistochemistry of foliage diseases.	5832	Belostomatidae).	5525
The penetration of growth regulators into leaves.	6363	LETTUCE Weed hosts of Olpidium brassicae and the lettuce big-veryirus.	in 5766
LEGHORN CHICKENS			3700
The response of four-way crosses of White Leghorns to iroculation with avian leukosis complex RPL-12 tumor.	5996	Determination of pentachloronitrobenzene in vegetables.	6389
		LEUCOPHAEA	
The regenerative capacity of nerves affected by fowl paralysis.	6192	Sexing first instar cockroaches (Orthoptera: Blattidae)	5510
LEGISLATION Dept. of Agriculture announces new pesticides monitorin program.	1g 6266	Correlation of testis development with external growth the Madeira cockroach (Orthoptera: Blattidae).	in 5586
Pesticide residues in foods: analytical philosophy, technology, and capabilities in other countries.	6285	Report of leukosis committee.	5967
		Responses of different stocks of chickens to inoculation	
LEGUME GRASS FORAGE Further observations on Mastitis in cows fed legume gra	iss 6303	embroyos and as chicks with strain BPL 12 and field iso of leukosis virus.	6011
forage as soilage and silage.	0303	LIBERIA	
LEGUMES Some laboratory observations on the rates of developmen mortality and oviposition of several species of Bruchid breeding in stored pulses.		New species and new records of Pygostenini from Liberta Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	• 5501
		LIGHT	inho
LEISHMANIASIS Leishmaniasis in the Sudan Republic. 28. anat649311 studies on Phlebotomus orientalis Parrot and P. papatas	si	Effect of light on the maturation of appresoria in Erys: graminis tritici.	5820
Scopoli DipteraO Psychodidae).	5697	LIGROINE Determination of petroleum ether extracts in tobacco.	
LENTILS		betermination of petroleum ethor extracts in tobacco.	6341
Ion-exchange method for determining paraguat residues i food crops.	in 6373	LIME	
		Coralloid root systems in plants showing lime-induced chlorosis.	5804
LENTINUS Translocation in sphorophores of Lentinus tigrinus rela	ted	lime-induced chiorosis.	3004
to specialized cells.	6395	LIMING Changes in official methods of analysis made at the seven	entv-
LEPIDOPTERA		fifth annual meeting, October 30 and 31 and November 1,	
Field studies of insecticides against the coffee leaf-m Leucoptera meyricki ghesq. (Lepidoptera, Lyonetiidae).	iner	1961.	5716
3 1 (1 - 1) 1	5673	LIMNOGONUS	
LEPTOGASTER		Concerning the genus Limnogonus and a new subgenus (Heteroptera: Gerridae).	5494
Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	, a 5521	LINDANE	
		A field test of a lindane/dieldrin smoke for control of	
Research into the nidality of Leptospira ballur in		<pre>death-watch beetle, Xestobium ruffouillosum (deg.) (Colooptera, Anobiidae).</pre>	5700
campestral hosts including the hog-nosed snake (Heterod platyrhinus).	lon 6002	Effect of insecticidal seed treatments on rice.	5875
			3073
Leptospira pomona infection in hamsters.	6155	Collaborative study of certain chlorinated organic pesticides in dairy products.	6298
Noninterference with immunity by a trivalent vaccine co taining distemper virus, infectious canine hepatitis vi		Activation studies on Florisil.	6301
and Leptospira canicola.	6206		
LEPTOSPIRA POMONA		Metals, other elements, and residues in foods.	6304
Immunoglobulins in sheep.	6117	The uptake from water by several species of fresh-water of p,p:DDT, dieldrin, and lindane their tissue distribution	fish
LEPTOSPIRES		tion and elimination rate.	6315
Leptospira pomona isolations by direct blood culture of clinically infected cattle.	5981	The chromatographic separation of pesticides on silicic	acid*
LEPTOSPIROSIS			6369
The prevalence of leptospiral antibodies in sera from		LIOMETOPUM	
sheep in illinois.	5975	Bionomical observations on myrmecophilus beetles of the genus Cremastocheilus (Coleoptera: Scarabaeidae).	5849
Leptospira pomona isolations by direct blood culture of	5981	LIORHYSSUS	
clinically infected cattle.		Spanogonicus albofasciatus as an insect and mite predate	
Animal leptospirosis in the British Isles,.	5983	(Hemiptera: Miridae).	5847
Experimental leptospirosis in the chinchilla (Chinchill laniger).	.a 6182	LIPIDS Studies on the properties of New Zealand butterfat. VII	
LEPTOTHORAX MUSCORUM		the fatty acid composition of the milk fat of cows graz: on ryegrass at two stages of maturity and the composition	
The ecology of ants of strip-mine spoil banks.	5533	of the ryegrass lipids.	6349
LESTICA Notes on the biology of Philanthus bicinctus (Hymenopte	era:	Lipid constituents of conidia of Glomerella cingulata.	6376
Sphecidae).	5843		

LIPIDS

LIRIOMYZA SOROSIS			
Notes on new host plant records and parasites of Liriom sorosis in Florida DipteraO Agromyzidae).	yza 5667	LONGEVITY Biological studies on Paracheyletia bakeri AcarinaO Cheylehdal).	5631
LISSORHOPTRUS Effect of insecticidal seed treatments on rice.	5875	LOPHODERMIUM Comparative development of the Hypoderma and Lophodermi needle casts of eastern white pine.	um 5758
Some factors influencing larval infestations of the ric water weevil.	e 5877	LUCILIA	
LISTERIOSIS Abortion of cattle associated with natural Listeria monocytobenes infection.	6114	Genetical studies on dieldrin-resistance inMusca domest 1. and Lucilia cuprina (wied.). LUNGS	5684
LISTROPHORUS The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211	Mucinous bronchiolar carcinoma of the rat lung. A case report. LUPININE	6198
LIVER		Alkaloids of Lupinus westianus Small.	6362
Use of starch gel electrophoresis to illustrate inhibit of rabbit liver esterases by organophosphorus pesticide		The role of copper in the pathogenesis of subacute and chronic lupinosis of sheep.	6015
LIVER DISEASES Cytological puncture. A new method for the study of bow hepatic disease.	ine 6047	LUPINUS WESTIANUS Alkaloids of Lupinus westianus Small.	6362
LIVER MEAT Note on tyrosine production in frozen liver.	6257	Mimetic associations of lycid and cerambycid beetles (Coleoptera) in Coahuila, Mexico.	5559
LIVESTOCK Biology of Hippelates pallipes and H. bishoppi Diptera Chloropidae) in Wisconsin.	0 5625	LYCOSA Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenop tera: Sphecidae and Pompilidae).	
Serum isocitric dehydrogenase (sic-d) activities in dom animals with experimental hepatic necrosis and in equin hepatopathy.		LYMPHOCYTOMA An effect of some cod liver oils in feed on lymphocytom- cidence.	a in- 6174
Infertility in farm animals in Britain.	6006		0171
Killing Texas screw worms from the air.	6207	LYONETIIDAE Field studies of insecticides against the coffee leaf-m Leucoptera meyricki ghesq. (Lepidoptera, Lyonetiidae).	iner
LIVESTOCK DISEASES Introduction to parasitology. qL757.j6,.	5702	LYSIS	5673
The veterinarian:s role in a feedlot operation.	5944	Inability of chitinase to lyse fungal mycelium.	6396
Why tuberculosis in livestock is increasing.	6136	MACROCHELES	
A long-term study of renal disease in the dog.	6144	A new species of Macrocheles (Acarina: Macrochelidae) associated with bark beetles of the genera Ips and Dendroctonus.	5862
An unorthodox approach to piglet scours.	6152	MACRONUTRIENTS	
LIZARDS Studies of California Phlebotomus species DipteraO Psy chodidae) with emphasis on the bionomics and vector pot		Distribution of major and trace elements in some common pasture species.	5724
tial of Phlebotomus vexator occidentis Fairchild and He tig. LOCOMOTION		MACROSIPHUM AVENAE Biology studies of Macrosiphum avenae Fabr.), Acyrthos. phon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in western Oregon.	i- 5859
The jump of the flea. a study of the energetics and a m			3333
of the mechanism. Mechanism of locust jumping.	5437 5591	MAGGOTS Determination of leaf-miner maggots in spinach.	6332
LODGING SOYBEANS) Performance of soybean strains modified by backcrossing	for	MAGNESIUM Note on the availability of magnesium in basic slags.	5729
some simply inherited characteristics.	5756	The magnesium contents of soils and crops.	5737
LOLIUM Storage of hay. IV. effect of storage in nitrogen on th soluble sugar and dry matter contents of ryegrass.	e 5734	Interrelationships of magnesium, potassium and nitrogen hypomagnesemia.	in 5933
Studies on the properties of New Zealand butterfat. VII		Magnesium deficiency in the laying hen.	5985
the fatty acid composition of the milk fat of cows graz on ryegrass at two stages of maturity and the compositi of the ryegrass lipids.		MAGNESIUM SULFATE Note on the availability of magnesium in basic slags.	5729
Studies on the properties of New Zealand butterfat. VII		MACADECTHA CHI DELME	3,23
effect of the stage of maturity of ryegrass fed to cows the characteristics of butterfat and its carotene and vitamin A contents.	on 6355	MAGNESIUM SULPHATE Botulism in pigs.	5943
Studies on the properties of New Zealand butterfat. $ extsf{VI}$ comparison of the properties and vitamin $ extsf{A}$ potencies of		MALARIA A new malarial parasite of the flying squirrel.	6225
butterfats produced by clover-fed and ryegrass-fed dair cows.	У 6356	MALATHION Effects of malathion and parathion on ejection of young	

MALATHION

Effects of malathion and parathion on ejection of young from gravid female spotted alfalfa aphids.

5585

Effects of route of administration to houseflies on the

MEGETYPHLUS interactions of malathion and piperonvl butoxide. 5655 A study of the effects of hormones and vitamin A on bovine teat canal in organ culture. 5693 Mosquito control by aircraft. The relationship between milk yield, composition and tissue damage in a case of subclinical mastitis. The effects of incremental doses of malathion applied topi-6188 cally to adult houseflies. 5710 The use of quarter samples in the assessment of the effects of feeding treatments on milk composition. Studies of behavioristic insecticide resistance in houseflies. 5712 Further observations on Mastitis in cows fed legume grass Take one teaspoonful of malathion: planes can now fly higher, make a wider swath, and use an unbelievable small amount forage as soilage and silage. 6303 of chemical. 5868 MASTOCYTOMA 6317 Bovine mastocytoma- a case report. Some possible effects of malathion and EPN on mice. 6291 MATRICES 6304 Metals, other elements, and residues in foods. Specific virus adsorption by antibodies coupled to a solid 5788 matrix. Ose of starch gel electrophoresis to illustrate inhibition MAURANDIA of rabbit liver esterases by organophosphorus pesticides. 6326 Cercospora leafspot of snapdragons. 5828 Report on analytical methods for pesticide formulations. The resistance of some American wheats to hessian fly of mixed foreign parentage. Determination of organophosphorous pesticide residues by conversion to orthophosphate ion. 6380 MCPA The reaction of Trifolium repens (L.) in grassland to 2,4-D, MCPA and mixtures of 2,4-D and MCPB. . 5899 Gas chromatographic techniques for the determination of organophosphate pesticide residues. 6382 The control of weeds in spring cereals with MCPA, MCPB and 5900 Report on analytical methods for pesticide formulations. The control of Ranunculus repens (L.) in raspberries. Identification and analyses of five organophosphate pesticides: recoveries from crops fortified at different levels. 5909 6410 MCPB The reaction of Trifolium repens (L.) in grassland to 2,4-D, MCPA and mixtures of 2,4-D and MCPB. . 5899 Determination of malathion in formulations. 6411 Method for determining malathion. 6439 The control of weeds in spring cereals with MCPA, MCPB and 2,4-DE. . MALAYA A new species of Mallophaga from Malaya. MEAT INSPECTION 6212 Determination of horse meat in cooked meat products. 5917 MALEIC HYDRAZIDE Spectrophotometric determination of maleic hydrazide in Determination of sodium caseinate in meat products. 5919 tobaccos. 6386 Bell helicopter research and development widens rotary wing versatility in aerial application. 5717 MALLOPHAGA versatility in aerial application. Two new species of Fulicoffula (Mallophaga) from the Sora. 5466 MEGACHILE Notes on the biology of Philanthus bicinctus (Hymenoptera: Sphecidae). A new species of Physconelloides (Mallophaga) from Texas. new species of Colpocephalum (Mallophaga: Menoponidae) MELANOPLUS from the owl Phodilus badius. 6215 Effects of photoperiod upon oogenesis in Melanoplus devastator Scudder (Orthoptera: Acrididae). 5645 MAMMALS Therapeutic effect of pyridine-2-aldoxime methiodide in parathion poisoned mammals. MELICHARES A new genus and twelve new species of mites from Mexico and Southeast United States (Acarina: Blattisocidae). 545 6334 5459 Neoplasms from captive wild species. 6337 MELICIDOSIS The indirect haemagglutination test in the diagnosis of Elements of entomology - the man. 6055 5502 melioidosis in goats. Canine paragonimiasis in arkansas. 6245 MELISSODES Notes on the biology of Philanthus bicinctus (Hymenoptera: 5843 Sphecidae) . dapted tolerance of Rhizoctonia solani to increased concentrations of three soil fungicides. 5781 MELITTIDAE Notes on the biology of Hesperapis regularis (Cresson) (Hymenoptera: Melittidae). MANES PLUS TIN 5444 Control of late blight of pctatoes. 5746 California department of agriculture contracts with aircraft operators for beetleaf hopper control. 5848 MANURES Abstracts of papers presented at the 51st. annual meeting of the Poultry Science Association. 5923 MENOPONIDAE A new species of Somaphantus MenoponidaeO Mallophaga) A study of the results obtained from bacteriological and from Thailand. 5465 cytological examinations of various portions of cows: milk.

MECETYPHLUS

A study of the milk production records in 71 herds under the supervision of the New York state Mastitis Control

program.

The systematic position of Meloetyphilus, a genus of blind blister beetles (Coleoptera: Meloidae). 58

5878

MERCAPTOETHANOL		
MERCAPTOETHANOL Further studies of a mercaptoethanol-sensitive Brucella glutinin in bovine milk.	ag- 6022	METHYL BROMIDE Bromine residues in fresh and dried fruits fumigated with ethylene dibromide. 625
MERGANSER DIE-OFF A merganser die-off associated with larval eustrongylide		Detection, identification and control of Poria carbonica and other fungi in Douglas fir poles. 625
	6076	METRYL ISOTRIOCYANATE
METABOLISM Metabolic aspects of spore germination in fungi.	5751	The action of metham-sodium in soil. II Factors affecting the removal of methyl isothiocyanate residues.
Histochemistry of foliage diseases.	5832	METHYL PARATHION
Factors in survival of nematodes.	5894	Use of starch gel electrophoresis to illustrate inhibition of rabbit liver esterases by organophosphorus pesticides.
Metabolism of DL-1,2-PROPANEDIOL-2-14- C in a lactating		632
COW.	5998	Identification and analyses of five organophosphate pesticides: recoveries from crops fortified at different levels.
Soil metabolism.	6359	641
Fate of fungicides in plants. METAJAPYX	6365	Determination of phosdrin insecticide or methyl parathion i formulations. 641
Japygidae of North America. 9. The genus Metajapyx.	5562	METHYL UREA Infrared studies of the mechanisms of adsorption of urea an
METALS Report of subcommittee E on recommendations of referees.		its herbicidal derivatives by montmorillonite. 590
Adaption of fungi to metal toxicants.	5719 5757	<pre>MTTRYLCROLANTRENE, 3- 3-methylcholanthrene-induced embryonic deformities in the chick. prevention by the antioxidant,</pre>
METAMORPHOSIS		n,n:-diphenyl-p-phenylene diamine dppd). 612
Larval systematics of the Troginae in North America with notes on biologies and life histories Coleoptera Scarbaeidae.		MPTRYLPARATHION Determination of organophosphorous pesticide residues by conversion to orthophosphate ion. 638
Some laboratory observations on the rates of development mortality and oviposition of several species of Bruchida		METICLORPINDOL Efficacy studies on meticlorpindol as a coccidiostat.
breeding in stored pulses.	5490	624
The effect of temperature on the development of two spec of oribatid mites $\mbox{Acarina0}$ Oribatei).	cies 5635	METRITIS Clinical and pathologic findings in bitches treated with progestational compounds. 595
Effect of light on the maturation of appresoria in Erysgraminis tritici.	iphe 5820	The experimental inoculation of heifers with Vibrio fetus of ovine origin.
Studies on the life cycle and host range of the lespeder cyst nematode.	za 5892	METROCORIS The male of Metrocoris squamifer Lundblad (Heteroptera:
METAPOGON Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521	Gerridae). 549 MEVINPHOS
METARRHIZIUM		Use of starch gel electrophoresis to illustrate inhibition of rabbit liver esterases by organophosphorus pesticides.
Life history studies of the grape root borer (Lepidopter Aegeriidae) in Missouri.	5853	
METASTASIS Bovine mastocytoma- a case report.	6317	Determination of phosdrin insecticide or methyl parathion i formulations. 641
METASTRONGYLUS		MEXICO Descriptions of some new Cerambycidae from Mexico and
Efficacy of cyanacethydrazide agent against swine lungworms.	6227	Southwestern United States (Coleoptera). 545
METRAM-SODIUM		A new species of Microstylum (Diptera: Asilidae) from Mexico. 552
The action of metham-sodium in soil. II Pactors affection the removal of methyl isothiocyanate residues.	ng 5720	Epizootiology of Trypanosoma cruzi in southwestern North America. part VII. experimental control of trypanosoma
METRIOTRIAZAMINE Determination of methiotriazamine and bithionol in poul- tissues and of methiotriazamine in feed.	try 6324	cruzi by immunological methods. 555 Epizootiology of Trypanosoma cruzi in southwestern North
METROCARBAMOL Methocarbamol in the control of severe skeletal muscle		America. 555 Epizootiology of Trypanosoma cruzi in southwestern North
spasms in small animals. METHODOLOGY	6314	America.part I. new collection records and hosts for Trypanosoma cruzi Chagas (Kinetoplastida:Trypanosomidae) (Hemiptera:Triatominae). 555
Chromatographic identification of some organophosphate insecticides.	6321	MICE
METHOXYCHLOR Metals, other elements, and residues in foods.	6304	Studies on the infectious bronchitis virus of chickens iso- lated in Finland with reference to the serological survey of its occurrence.
METRYL ARSINE OXIDE Alkyl-arsine oxides as fungicidal and nematocidal agents	s. 5749	Biological estimation of oestrogenic activity in red clover (Trifolium pratense): relative potencies of parts of plant and changes with storage.
		Effects of limb disability on lousiness in mice. iV. eVidence of genetic factors in susceptibility to Polyplax serrata.

6209

			HILE
	* -	Pesticide drift residue.	6270
Acquired immunity to Trichuris muris in the albino laboratory mouse.	6251	Rapid colorimetric determination of DDT in milk.	6286
Some possible effects of malathion and EPN on mice.	6291	Report on dairy products.	6288
MICROANALYSIS Microbiological standards for sugar.	6264	Collaborative study of certain chlorinated organic pesticides in dairy products.	6298
MICROCLIMATE Microclimate and plant disease.	5833	Diffusion of dihydrostreptomycin and chlorotetracycline milk of cows following parenteral administration.	into 6309
MICROHIERAX	,	Detection of triflupromazine in milk.	6319
A new species of Falcomenopon (Mallophaga: menoponidae		MILK FAT One-step chromatographic cleanup of chlorinated hydrocar	rbon
MICROLEPIDOPTERA Some eggs of moths from several families of Microlepido tera.	p- 5539	pesticide residues in butterfat. I.Chromatography on silicic acid.	6300
MICRONECTA A study of the genus Micronecta of India, Japan, Taiwan and adjacent regions (Heteroptera: Corixidae).	5455	Studies on the properties of New Zealand butterfat. VIII the fatty acid composition of the milk fat of cows grazi on ryegrass at two stages of maturity and the composition of the ryegrass lipids.	ing
MICRONUTRIENTS Distribution of major and trace elements in some common pasture species.	5724	Studies on the properties of New Zealand butterfat. VII. effect of the stage of maturity of ryegrass fed to cows the characteristics of butterfat and its carotene and vitamin A contents.	
MICHOORGANISMS Epiphytic microorganisms in relation to plant disease.	5816	Studies on the properties of New Zealand butterfat. VI comparison of the properties and vitamin A potencies of	
Microbiological standards for sugar.	6264	butterfats produced by clover-fed and ryegrass-fed dairy cows.	У 6356
MICROPOLEMON New species and new records of Pygostenini from Liberta Ivory Coast, and Cameroun (Ccleoptera: Staphylinidae).		MIMICRY Mimetic associations of lycid and cerambycid beetles (Coleoptera) in Coahuila, Mexico.	5559
MICROSCOPY The microscopic lesions of acute fowl cholera in mature chickens.		MIMOCETE New species and new records of Pygostenini from Liberta. Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	• 5501
MICROSTYLUM A new species of Microstylum (Diptera: Asilidae) from Mexico.	5520	MINERAL SALTS Mineral supplements for cattle.	6255
Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).		MINERALS Crop and weed response to varying levels of mineral nutrents and moisture stress.	ri- 5904
MILK Rapid microbial disc assay for penicillin in milk.	5743	MINKS Observations on the etiological agent of plasmacytosis	
Overnight microbial plate assay for penicillin in milk.	5744	mink. Evidence suggesting a relationship of the agent to the granules of a mycobacterium species.	6087
A comparison of hay and silage for milk production.	5907	MISSISSIPPI RIVER Dept. of Agriculture announces new pesticides monitoring program.	g 6266
The effect of feed supplements on the yield and composi of milk from cows grazing good pasture.		MISSISSIPPI RIVER DELTA Teamwork on the delta.	6265
A study of the results obtained from bacteriological an cytological examinations of various portions of cows:		MISSOURI A new species of Notonecta from Plorissant. (Hemiptera: Notonectidae).	5508
Further studies of a mercaptoethanol-sensitive Brucella glutinin in bovine milk.	ag- 6022	Additional records of Missouri aphids.	5511
The effect of a copper supplement in the diet on the fa	t 6064	A preliminary list of the aphids of Missouri.	5512
A study of the milk production records in 71 herds unde supervision of the New York state Mastitis Control		Life history studies of the grape root borer (Lepidopter Aegeriidae) in Missouri.	ra: 5853
program. The occurrence and significance of blood in bovine milk	6135	MISUMENOPS Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pompilidae).	
The relationship between milk yield, composition and ti damage in a case of subclinical mastitis.	ssue 6188	MITES A new genus and two new species of scutacarid mites (Acarina) phoretic upon bees.	5436
The use of guarter samples in the assessment of the eff of feeding treatments on milk composition.	ects 6189	Nasal mites of Thailand birds (Acarina: Rhynonyssidae).	5566
The growth of aerobic spore forming bacilli in sterilizmilk.	ed 6230	New records for Rhinonyssus himantopus and notes on othe species of the genus.	
The effect of udder infections on the lactation yield omilk and milk solids.	6239	A dispersal mechanism in mites. (Acarina: Anoetidae).	5619

MITOCHONDRIA

	MOSAIC (TOBACCO)	
Biology of Hippelates pallipes and H. bishoppi Diptera0 Chloropidae) in Wisconsin. 5625	Plant virus inclusions.	582
Biological studies on Paracheyletia bakeri Acarina0	Serology in virus-disease diagnosis.	583
Cheylehdal). 5631 MITOCHONDRIA	MOTHS Regulation of heat production by large moths.	562
Respiratory electron transport. 6354	Egg types among moths of the Pyralidae and Phycitidae – Lepidoptera.	- 565
MIYAGAWANELLA GROUP VIRUSES The isolation of a viral agent from epizootic bovine abortion. 6170	MOTION PICTURES Cinephotography as a tool in research and teaching.	643
MOLECULAR GELS Use of molecular gel formaticn to prepare potato virus-X inocula for antisera. Contribution no. 229). 5825	MOTTLE (BROADBEANS) Broad bean mottle virus (BBMV) ribonucleic acid.	581
MOLECULAR WEIGHT Low molecular weight phenols in higher plants. 6358	BOUTH ROT Experimental ulcerative stomatitis in king smakes.	611
MOLOPHILUS New species of crane-flies from tropical America (Diptera: Tipulidae). I. 5427	MUCOSAL DISEASE Comparison by neutralization tests of strains of virus isolated from virus diarrhea and mucosal disease.	602
MOLYBDENUM	The pathogenesis of experimental bovine mucosal disease	609
Molybdenum toxicity in the developing chick embryo. 6072 MONOBASIDIOSPORES	MULTIFLORINE Alkaloids of Lupinus westianus Small.	636
Cellulolytic activity of monobasidiospore and tissue iso- lates of Fomes annosus. 5774	MUNG BEANS Effects of nutrients and inoculum density on the virule	ence
MONOCOTYLEDONS Experiments on the control of weeds in groundnuts in Tripolitania. 5908	of Pythium aphanidermatum and Pythium ultimum to mung h seedlings.	
MONTMORILLONITE Environmental factors related to medusahead distribution.	MUSCA DOMESTICA Effectiveness of three 2-methyl-aziridine derivatives a house fly chemosterilants.	as 550
5898 Infrared studies of the mechanisms of adsorption of urea and its herbicidal derivatives by montmorillonite. 5901	The sensitivity of Musca domestica nebulo f. and M. domestica vicina macq. to DDT, BHC and dieldrin, as sho by dosage-mortality curves.	own 565
MONURON Determination of residues of diuron, monuron, fenuron, and neburon. 6278	Effects of route of administration to houseflies on the interactions of malathion and piperonyl butoxide.	565
Screening method for monuron, diuron, and neburon residues on fruits and vegetables by paper chromatography. 6295	Mating of the house fly Musca domestica L., in monitcre darkness.	∍d 565
MORAXELLA Infectious bovine keratoconjunctivitis. III. Demonstration	A dipping technique for selecting house-flies, Musca domestica L. for resistance to insecticides.	566
of toxins in Moraxella (hemophilus) bovis cultures. 6043 MORPHOLOGY	Genetical studies on dieldrin-resistance inMusca domest l. and Lucilia cuprina (wied.).	ica 568
The sorghum midge complex (diptera, cecidomyiidae). 5485 BORTALITY	Some measures of fitness in different genotypes of the housefly.	569
Some laboratory observations on the rates of development, mortality and oviposition of several species of Bruchidae breeding in stored pulses. 5490	The effects of incremental doses of malathion applied t cally to adult houseflies.	opi- 571
The effect of temperature on the development of two species of oribatid mites AcarinaO Oribatei). 5635	Studies of behavioristic insecticide resistance in houseflies.	571
Experimental studies of the mortality and plasticity of a weed. 5902	MUSCLE RELAXANTS Methocarbamol in the control of severe skeletal muscle spasms in small animals.	631
Observation on the effect of vitamin and antibiotic injections on early turkey poult growth and mortality.	MUSCLES The corpus cardiacum as a metabolic regulator in Blaber discoidalis Serville Blattidae).	us 563
MOSAIC PLANTAGO) Studies on the amino acid sequence of Holmes rib-grass strain virus protein. I. Separation of pH 4.5 soluble tryptic peptides and amino acid sequences of some small pep-	Variation in zinc content and other properties of vario porcine muscles. MUSCULAR DYSTROPHY	us 625
tides of Holmes rib-grass strain virus protein. 5787 MOSAIC (CUCUMBERS)	Studies on glutathione in tissues of dystrophic chicks.	596
Evidence that tomato aspermy and cucumber mosaic viruses are serologically unrelated. 5793	MUTATIONS Radiation-induced somatic mutations and the loss of reproductive integrity in Tradescantia stamen hairs.	635
MOSAIC (ROSA) Confirmation of failure of rose mosaic virus to spread in Virginia. 5801	MYCELIUM Inability of chitinase to lyse fungal mycelium.	639
MOSAIC (SUGARCANE) Cross-protection experiments with sugarcane mosaic virus (SMV) 5747	MYCETOPHAGIDAE Insects of pine cones in Arkansas.	583

MYCOBACTERIUM TUBERCULOSIS Blood medium for the isolation of tubercule bacilli. 5953	MYRMICA EMERYANA The ecology of ants of strip-mine spoil banks. 5533
MYCOPLASMA Study of natural and experimental infection of Mycoplasma associated with turkey airsacculitis. 5949	MYZUS PERSICAE Detection and control of mild strains of potato leaf roll virus. Contribution no. 117). 5837
Airsacculitis in poults from different strains of turkeys.	NABAC Effect of selected fungicides and antibiotics on Xanthomo- nas malvacearum in vitro. 5748
Characteristics of avian Mycoplasma (PPLO) in tissue cultures of human and avian cells. 6026	NALED Use of starch gel electrophoresis to illustrate inhibition
Control of chronic respiratory disease. VI. The effect on egg transmission of early exposure of chicks to Mycoplasma gallisepticum.	of rabbit liver esterases by organophosphorus pesticides. 6326
Pathogenicity to chicks of Mycoplasma associated with turkey airsacculitis. 6197	NANNOBITTACUS New and uncommon neotropical Mecoptera. 5446
MYCOPLASMA GALLISEPTICUM The effect of sequence of infection on complex respiratory disease. 5995	NANNOCHORISTA New and uncommon neotropical Mecoptera. 5446 NATURAL CONTROL INSECTS)
Control of infectious synovitis. 14. The effect of age of chickens on the susceptibility to three agents. 6061	Feasibility and problems of chemical control of rice stem borers, research on the natural enemies of rice stem borers. 5845
Transmission and eradication of mycoplasma gallisepticum in chickens. 6109	On the ecology of stem borers in Asia, research on the natural enemies of rice stem borers.
MYCOPLASMA GALLISEPTICUM ANTIGENS Study of natural and experimental infection of Mycoplasma associated with turkey airsacculitis. 5949	Distribution and bionomics of natural enemies of rice stem borers, research on the natural enemies of rice stem borers. 5886
The comparison of three serological tests for the detection of Mycoplasma gallisepticum infection in turkeys. 5992	NATURAL CONTROL (INSECTS) Some measures of fitness in different genotypes of the housefly. 5692
Isolation of Mycoplasma gallisepticum from fresh eggs and blood. 6057	Biology of the eggplant tortoise beetle (Coleoptera: Chrysomelidae). 5876
Ccntrol of chronic respiratory disease. VI. The effect on egg transmission of early exposure of chicks to Mycoplasma gallisepticum.	The systematic position of Meloetyphilus, a genus of blind blister beetles (Coleoptera: Meloidae). 5878
Evaluation of antibiotic treatment of Mycoplasma gallisepticum infection by the use of chickens and turkeys from infected embryos.	NEARCHUS North American Tachinidae (Diptera). 6140
Pathogenicity to chicks of Mycoplasma associated with turkey airsacculitis. 6197	NEARCTIC REGIONS The genus Tephritislatrielle in the nearctic region north of Mexico: descriptions of four new species and notes on others (Diptera: Tephritidae). 5475
PPLO other than Mycoplasma gallisepticum associated with turkey sinus and air sac lesions. 6200	NEBRASKA A distributional check-list of Nebraska mosquitoes. 5547
MYCOPLASMA SYNOVIAE Control of infectious synovitis. 14. The effect of age of chickens on the susceptibility to three agents. 6061	NECROSIS Cytopathology of tobacco necrosis virus infection in tobacco leaves. 5802
A study of the comparative pathology of experimental infec- tious synovitis and staphylococcal arthritis in chickens.	Tobacco necrosis virus and its satellite virus. 5808
6095 The effect of intranasal exposure to Mycoplasma synoviae	Experimentally induced Gumboro disease (IBA) 6039
and infectious bronchitis on development of agglutinins. 6110 MYCOTIC DERMATITIS	NECROTIC RING SPOT (CHERRIES) Necrotic ringspot virus determinations: spread and effect in Montomorency sour cherry and peach and distribution in Italian prune buds. 5768
The activity of dipping fluids in the treatment and prevention of mycotic dermatitis in sheep. 6071	NECROTIC RING SPOT (PRUNUS) Antigens associated with Prunus necrotic ringspot virosis.
MYOCARDIUM Rhabdomyomatosis in the heart of the guinea pig. 6151	5752 Necrotic ringspot virus determinations: spread and effect in
HYOCOPTES The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts. 6211	Montomorency sour cherry and peach and distribution in Italian prune buds. 5768
MYOGLOBIN Variation in zinc content and other properties of various porcine muscles. 6254	NEEDLE CAST (PINUS) Comparative development of the Hypoderma and Lophodermium needle casts of eastern white pine. 5758
MYOSPILA Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenop-	NEIVAMYRMEX Laboratory experiments on the trail following of army ants of the genus Neivamyrmex (Formicidae: Dorylinae). 5672
tera: Sphecidae and Pompilidae). 5857 MYRMECOCYSTUS Bionomical observations on myrmecophilus beetles of the genus Cremastocheilus (Coleottera: Scarabaeidae). 5849	NEMATODA Studies on the helminth parasites of the herring gull, Larus argentatus Pontopp, in northernCaernarvonshire and Anglesey. 6248

NEMATODA

NEMATODA: PILARIOIDEA NEMATODA: FILARIOIDEA NEUROL V MPHOMATOSIS Five cases of Serratospiculum amaculata (Nematoda: Filar-Observations on neurolymphomatosis in gamefowl (Gallus doicidea) infection in prairie falcons (Falco mexicanus). mesticus) . 6089 5951 NEUROPTERA NEMATODES The effect of various factors on surveys of predaceous Differences in ratio of spontaneous constricting ring formation in two species of the predaceous fungus genus insects in soybeans. 5856 Dactylella. W ENGLAND
Taters get copter treatment: lower cost, better protection with aerial application for New England potato crops.
5739 5782 NEW ENGLAND Effect of soil moisture on Xiphinema americanum in absence of host plants. '5889 Quantitative theory of nematcde-root relations. 5891 NEW GUINEA W GUINEA Nests of Nomia pulchribalteata in New Guinea (Hymenopte-5527 ra: Halictidae). Effect of organic soil amendments on nematode populations. 5893 NEW MEXICO Case report: Salmonellae isolated from Greater Sandhill cranes (Grus candensis tabida) in New Mexico. Factors in survival of nematodes. 5894 Occurrence of the nematode Spirocerca lupi in unusual 6250 lccations. A study of the milk production records in 71 herds under the supervision of the New York state Mastitis Control NEMATODIASIS Zoonoses in Iraq: Further studies on spirocerciasis. 6220 program. NEMATODIRUS NEW ZEALAND disintegration of sheep dung and the pre-parasitic Biological control of weeds and insect pests in New Zeastages of Trichostrongylids. 5977 land. 5725 NEMATOLOGY NEWCASTLE DISEASE Organisms associated with Lasioglossum zephyrum The adverse effects of ammonia on chickens including resistance to infection with Newcastle disease virus. (Hymenoptera: Halictidae). 5435 Nature of immunity to Newcastle disease in chickens. Correlation of signs, virus isolation and serology in NEMOCHTHERUS Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera). 5521 vaccinated chickens. 5938 Anatomical responses of several White Leghorn strains to Newcastle disease virus (Roakin). species of the genus Nemotelus from the western 6007 United States (Diptera: Stratiomyidae). 5483 Newcastle disease: immune response in chickens to a beta-NEOAPLECTANA propidlactone-killed virus vaccine. 60 19 The bionomics of an insect-parasitic nematode. 5870 NEWCASTLE DISEASE VACCINES
Newcastle disease: immune response in chickens to a beta-NEOBISIDAE North Dakota arachnid records. 5572 propidlactone-killed virus vaccine. 6019 NEOPELICOLA NEWCASTLE DISEASE VIRUS A new species of Mallophaga from the Philippine Islands. Vaccination of poultry against Newcastle disease. iI. Harmlessness and immunological properties of chemically inactivated Newcastle disease virus. 5467 5976 NEOJORDENSTA A new genus and twelve new species of mites from Mexico and Infectious bronchitis virus interference with growth of Newcastle disease virus. II. Interference in chickens. Southeast United States (Acarina: Blattisocidae). 5459 6133 NEOPLASMS The immunological and biological reactions of neoplastic NEWCASTLE DISEASE VIRUS ANTIGEN Research note. a comparison of serum dilution techniques for the tube hemagglutination-inhibition (HI) test. 6147 mast cells. 6048 Carotid body tumor in the dog. 6050 NEZARA VIRIDULA Progress in the biological control of the southern green stink bug, Nezara viridula in Hawaii Heteroptera, Pen-Plasma cell myeloma in the brain of a rabbit. 6120 A primary pulmonary neoplasm in the goat. 6122 tatomidae). 5854 Neoplasms of the olfactory mucous membrane of sheep. 6204 NICOTINE Metals, other elements, and residues in foods. 6304 Neoplasms from captive wild species. 6337 NICOTINIC ACID Effects of infection by the stem rust fungus on the vitamin b6, niacin, and pantothenic acid content of wheat plants. Tumors and tumor-like lesions of snakes. 6338 NEOTEPHRITIS 5803 A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: NIGERIA (Diptera). 5474 Trypanosome infection rates in Glossina morsitans submorsitans newst. in northern nigeria. 5704 NEPBRITIS The insect infestation of sorghum stored in granaries in northern Nigeria. A long-term study of renal disease in the dog. 6144 NERVOUS SYSTEM Control of the circadian rhythm of activity in the cock-roach. iI. the role of the sub-oesophageal ganglion and NIPPOSTRONGYLUS BRASILIENSIS Induction of immunological tolerance in rats to Nippostrongylus brasiliensis infection. 623 ventral nerve cord. 6232

5638

Insects of pine cones in Arkansas.

5838

A first Florida record and note on the nesting of Trypoxylcn (Trypargilum) texense Saussure (Hymenoptera: Spheci-

NESTING

			OATS
ITRATES Nitrate in the diet in prequant ewes.	6313	American Ammophila (Hymenoptera: Sphecidae).	5874
• • • • • • • • • • • • • • • • • • • •	03.3	North American Tachinidae (Diptera).	6140
ITRIFICATION On the utilization of amino acids by Aspergillus flanitrification.	avus for 6347	NORTH CENTRAL CONFERENCE Summary of poultry diseases reported by the north cerpoultry disease conference, 1964.	ntral 6042
ITROBENZYL) PYRIDINE, 4-(P-Application of 4-(p-nitrobenzyl) pyridine as a rapid tative reagent for organophosphate pesticides.	quanti- 6381	NORTH DAKOTA North Dakota arachnid records.	5572
ITROBENZYLPYRIDINE Identification and analyses of five organophosphate cides: recoveries from crops fortified at different		NORTHEASTERN CONFERENCE Report of the committee on nomenclature and reporting disease, northeastern conference on avian diseases, 1964.	
ITROGEN Some effects of different soils on composition and sugar beet.	growth of 5726	Report on the pullorum disease testing results, presented 36th annual meeting, northeastern conference on diseases, june, 1964.	
Effects of nutrients and inoculum density on the visof Pythium aphanidermatum and Pythium ultimum to museedlings.		Summary of poultry diseases reported by the north cerpoultry disease conference, 1964.	ntral 6042
Nature of response of zoospores of Phytophthora para to soil fungistasis.		NORTHWESTERN UNITED STATES Dept. of Agriculture announces new pesticides monitory program.	ring 6266
Interrelationships of magnesium, potassium and nitrohypomagnesemia.	ogen in 5933	NOTIOTHAUNA New and uncommon neotropical Mecoptera.	5446
Nature and quantities of materials leached from victreated tissues.	torin- 6344	NOTODONTIDAE Some eggs of moths among the Amatidae, Archtiidae, as Notodontidae - Lepidoptera.	nd 5649
Nitrogen activity index of urea-formaldehyde compou	nds. 6377	NOTONECTA A new species of Notonecta from Florissant.	
ITROGEN COMPOUNDS Increase in nitrogenous compounds in soil following fumigation.	soil 5754	(Hemiptera: Notonectidae). NOVOBIOCIN	5508
OCTUIDAE Occurrence and relative abundance of certain noctuing northwest Arkaneas, fall, 1957	d moths	Microbiological method for assaying novobiocin in an feed. Report on antibiotics in feeds and other products.	5736 5742
in northwest Arkansas, fall, 1957.	3404		3142
OMENCIATURE Report of the committee on nomenclature and reporting disease, northeastern conference on avian diseases, 1964.		NOVOMESSOR Bionomical observations on myrmecophilus beetles of genus Cremastocheilus (Coleoptera: Scarabaeidae).	the 5849
OMIA		NOZZLES Low volume spinning pesticide nozzle.	6436
Observations on the nests of Nomia nevadensis baker comparative notes on Nomia nevadensis arizonensis (Hymenoptera: Halictidae).	i with 5499	NUCLEASES Aberrations of the nucleic acid metabolism of plants	
Nests of Nomia pulchribalteata in New Guinea (Hymenora: Halictidae).	opte- 5527	by 4-amino-3,5,6-trichloropicolinic acid. NUCLEIC ACIDS	5905
ORTH AMERICA Epizootiology of Trypanosoma cruzi in southwestern : America.	North 5553	Aberrations of the nucleic acid metabolism of plants by 4-amino-3,5,6-trichloropicolinic acid.	5905
ORTH AMERICA Some new species and subspecies of Crossidius from N		NUTRITION Biological studies on Paracheyletia bakeri AcarinaO Cheylehdal).	5631
North America.	5454	Nutrition and infectious disease.	6044
Notes on the genus Euleia walker in North America (Diptera: Tephritidae).	5473	NUTS The determination of Kelthane residues on fruits and vegetables.	6280
The genus Tephritislatrielle in the nearctic region of Mexico: descriptions of four new species and not others (Diptera: Tephritidae).		NUZONIA Biology of the eggplant tortoise beetle (Coleoptera: Chrysomelidae).	5876
Three new species of Laelapsis from North America (rina: Laelaptidae).	Aca- 5495	NYMPHS Identification of the nymphs of common families of	30,0
Epizootiology of Trypanosoma cruzi in southwestern America. part VII. experimental control of trypanosocruzi by immunological methods.		Hemiptera. Chemosterilant studies with the German cockroach.	5509 5593
Epizootiology of Trypanosoma cruzi in southwestern hamerica.part I. new collection records and hosts for	r	Nymphs of the genus Gerris Heteroptera, Gerridae) in New England.	n 5666
Trypanosoma cruzi Chagas (Kinetoplastida:Trypanosom: (Hemiptera:Triatominae).	5554	OAT STRAW Temperature as a factor in the control of tomato roof	
Japygidae of North America, 6. new species of Evall with 26 antennal segments.	japyx 5561	with oat straw.	5806
Japygidae of North America. 9. The genus Metajapyx.	5562	Nature and quantities of materials leached from victor treated tissues.	orin- 6344

Additions to the knowledge of the nesting behavior of North

ODOCOILEUS ODOCOILEUS organic acids of tobacco and its smoke. 6405 Cerebral nematodiasis in pennsylvania deer (Odocoileus virgineanus). 5930 OHGANOPBOSPHATE PESTICIDES Application of 4-(p-nitrobenzyl)pyridine as a rapid guanti tative reagent for organophosphate pesticides. 63 6381 Effects on aquatic insects of forest spraying with phospha-5615 Identification and analyses of five organophosphate pesticides: recoveries from crops fortified at different levels. midon in New Brunswick. 6410 new subspecies of Oeme costata, with observations on the habits of larvae and adults (Coleoptera: Cerambycidae). ORGANOPHOSPHORUS INSECTICIDES The impact of the development of organiphosphorus insecticides upon basic and applied science. 5850 5642 OESTRIDAE Biology and control of Dermatobia hominis (L. Jr.) in Honduras (Diptera: Cuterebridae). OHGANOTIN-PHOSPHORUS COMPOUNDS Preparation of organotin-phosphorus compounds and their biological activities - potency against fungi, toxic activity.

against insects and phytotoxic properties. 6393 5503 Determination of herbicides in oils. 6414 Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pompilidae). OLD WORLD An overlooked old world species of Lethocerus (Hemiptera: 5857 5525 Belostomatidae) . OLEANDOMYCIN ORTHORAL ARACRE Pulmonary acariasis in a Tasmanian fur seal. The relative growth stimulating effects of several antibio-6157 tics on chicks raised in old and new batteries. 6127 OHTHOPTERA Correlation of testis development with external growth in the Madeira cockroach (Orthoptera: Blattidae). 5586 Eimeria necatrix infections and oleir acid absorption in broilers. 6249 Mating behavior of the big-headed grasshopper, Aulocara elliotti Orthoptera, Acrididae), under caged conditions in the greenhouse and outdoors. OLPIDIUM Weed hosts of Olpidium brassicae and the lettuce big-vein 5766 OHYCTES HHINOCEROS OMMATIUS Current research on the biological control of Oryctes Co-leoptera, Scarabaeidae, Dynastinae). 58 Generic and subfamily changes, new synonymy, new names, a new species, and notes on Asilidae (Diptera). 5521 The effectiveness of certain grain fumigant formulations.

I. Dosage mortality. ORGUS Larval systematics of the Troginae in North America with notes on biologies and life histories ColeopteraO Scara-5432 ORYZOPSIS Veromessor lobognathus: third note (Hymenoptera: Formicidae) . 5885 ONCOPELTUS Post-eclosion shedding of a membrane by Oncopeltus fasciatus (Dal.) (Hemiptera: Lygaeidae). OSBORNIELLA A new species of Osborniella (Mallopaaga) from the groove-billed ani. 5576 ONTARIO A viral encephacomyelitis of pigs, furthur studies on the transmittability of the disease in Ontario. OSMOSIS 6146 Crop and weed response to varying levels of mineral nutrients and moisture stress. 5904 OOENCYHTUS Progress in the biological control of the southern green stink bug, Nezara viridula in Hawaii Heteroptera, Pen-5854 tatomidae). The reversibility of nutritional osteitis fibrosa. 6194 COGENESIS OSTEOCHONDHOSIS Effects of rhotoperiod upon cogenesis in Melanoplus devastator Scudder (Orthoptera: Acrididae). Osteochondrosis of the tibial tuberosity of the horse. 5936 5645 OPHIOMYIA LANTANAE OSTRINIA The entomological control of weeds in Australia. 5912 The effect of bird predators on winter survival of the 5883 southwestern and European corn borers in Arkansas. OPPIA The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts. OVIPOSITORS 6211 Some laboratory observations on the rates of development, mortality and oviposition of several species of Bruchidae breeding in stored pulses. Revision of the cactus plant bug genus Hesperolabops Kirkaldy HemipteraO Miridae). Oviposition rhythm studies in Crambus topiarius Lepidoptera, Pyralidae, Crambinae). Insects collected on Wyoming rangeland in connection with grasshopper-egg sampling. $\ensuremath{\mathtt{5}}$ Feeding, mating, and oviposition studies of the horse flies Tabanus lineola and T fuscicostatus Diptera, Tabani-5676 ORCHIDACEAE dae) . Hedescriptions of Anaphothrips orchidaceus and A. orchide 5556 arum ThysanopteraOThripidae). OVULATION Hormonal control of the hen:s ovulation cycle. 5915 A new shore bug from Oregon (Hemiptera: Saldidae). 5451 5621 Regulation of heat production by large moths. A report on round heart disease in Oregon chickens. A comparison by means of X-irradiation in air and in oxygen of the suppressor-erupt systems in several strains of Dr sophila melanogaster.

Effect of organic soil amendments on nematode populations. Some semiquantitative gas chromatographic studies on the

PAGE 106

5681

		I AM	A DI I OLO
XYTETRACYCLINE Report on antibiotics in feeds and other products.	5742		5845
Effect of selected fungicides and antibiotics on Xantho		Some new host plant records and parasites of Phytobia auromyza) maculosa in Florida DipteraO Agromyzidae).	A m-
nas malvacearum in vitro. Chlortetracycline and oxytetracycline residues in poult	5 7 48	PARASITIC PLANTS	5881
tissues and eggs.	5920	Notes on Wisconsin parasitic fungi. xXXII .	5 7 91
The effect of sodium sulfate on blood levels of oxytetracycline in birds.	6118	Dwarfmistletoe Arceuthobium) on Brewer spruce in Orego	on. 5 7 96
Medicated feeds experiments with a mixture of antibiot and sulfamides for the control of the weaning diseases the baby pig.		PARASITIDAE The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211
ZARKOGONA A new species of Ozarkogona from Indiana (Diplopoda: Chordeumida: Cleidogonidae).	5449	PARASITISM A new genus and two new species of scutacarid mites (Acarina) phoretic upon bees.	5436
ACHYLOBIUS A method of collecting adults of the pales weevil, Hylo pales and the pitch eating weevil, pachylobius picivoru	ıs	Beefly parasitism of the American carpenter bees belong to the genus Xylocopa Latrielle (Diptera Hymenoptera).	ging 5496
(Coleoptera: Curculionidae).	6422	Parasitic and free-living cycles in entomogenous nemato of the genus Deladenus.	odes 5584
Zoogeography and evolution of Pacific insects (a review the entomological program at the Bernice P. Bishop Museum).	of 5481	Biology of Hippelates pallipes and H. bishoppi Diptera Chloropidae) in Wisconsin.	
ALEOENTOMOLOGY		Two tortricids and their parasites in Arkansas.	56 7 9
Notes on the taxonomy of the fossil Myelidae (Hymenopte Symphyta.	5443	Exposure of Tribolium confusum to Thio-TEPA and its effect upon development of Hymenolepis diminuta cysticer-	-
ALILOGIA North American Tachinidae (Diptera).	6140	coids. Effects of plant-parasitic nematodes on growth of crank	5707
AB Therapeutic effect of pyridine-2-aldoxime methiodide in parathion poisoned mammals.	n 6334	Possibility of biological control of Pseudococcus	5762
ANAGRELLUS		comstocki in Japan.	58 7 1
Alkyl-arsine oxides as fungicidal and nematocidal agent	5 7 49	Parasitism of tobacco callus and Kentucky bluegrass by Aphelenchus avenae.	588 7
ANAMASILUS Generic and subfamily changes, new synonymy, new names,	, a 5521	Multiple parasitism in fledgling birds: case reports.	5980
new species, and notes on Asilidae (Diptera). ANSTEATITIS Fight additional cases of pansteatitis (yellow fat) i		Effects of limb disability on lousiness in mice. iV. even dence of genetic factors in susceptibility to Polyplax serrata.	vi− 6209
cats fed canned red tuna.	6316	The ecology of the tick Ixodes trianguliceps Birula	
ANTOTHENIC ACID Effects of infection by the stem rust fungus on the vit b6, niacin, and pantothenic acid content of wheat plant		Arachnida0 Acarina0 Ixodoidea). A new malaria1 parasite of the flying sguirrel.	6210 6225
bo, middin, and partochemic acts content of wheat plant	5803	The ecology of the free-living stages of Trichostrongy	
APER λ n improved test paper for the detection of mammalian v		colubriformis.	6228
residues. ARA PARA -DDT	6276	Experiments on host-finding and host-specificity in the monogenean skin parasite Entobdella soleae.	e 6233
The quantitative analyses of microgram quantities of mixtures of DDD and p,p DDT	6327	Comparison of hemoglobins of Pasciola gigantica TrematodaO Digenea) and its host.	6236
ABACHEYLETTA BAKERI Biological studies on Paracheyletia bakeri Acarina0 Cheylehdal).	5631	Immunity to Eimeria tenella and Eimeria necatrix infec- tions in the fowl. i. influence of the site of infection the stage of the parasite. iI. cross-protection.	
ARAGONIMIASIS Canine paragonimiasis in arkansas.	6245	Studies on Schistocephalus solidus. 4. the effect of te perature on growth and maturation in vitro.	em- 624 7
ARAGONINUS Canine paragonimiasis in arkansas.	6245	Studies on the helminth parasites of the herring gull, Larus argentatus Pontopp, in northernCaernarvonshire and Anglesey.	6248
ARAKEETS Transmissible pituitary chromophobe adenoma in the para	akeet. 6051	Acquired immunity to Trichuris muris in the albino labo	ora- 6251
ARASITES An unusual description of the red grasshopper mite (Acana: Trombidiidae).	ari- 5605	PARASITOLOGY Organisms associated with Lasioglossum zephyrum (Hymenoptera: Halictidae).	5435
ARASITIC INSECTS	m 177 3	Introduction to parasitology. gL757.j6,.	5 7 02
Notes on new host plant records and parasites of Lirion sorosis in Florida DipteraO Agromyzidae).	566 7	The biology of Anthrax limatulus fur (Osten Sacken), wi a key to and description of pupae of some species in th	he
Feasibility and problems of chemical control of rice st borers, research on the natural enemies of rice stem bo		Anthrax albofasciatus and Trimaculatus groups (Diptera: Bombyliidae).	5 865

PARATHION

PARATHION Effects of malathion and parathion on ejection of young from gravid female spotted alfalfa aphids. 5585	PATHOLOGY Resume of the seventh annual meeting american association o avian pathologists. chicago, ill. july 20, 1964. 592
Field studies of insecticides against the coffee leaf-miner Leucoptera meyricki ghesq. (Lepidoptera, Lyonetiidae).	PAZIUS New and uncommon neotropical Mecoptera. 544
Mosguito control by aircraft. 5693	PEACHES Necrotic ringspot virus determinations: spread and effect i Montomorency sour cherry and peach and distribution in
Use of starch gel electrophoresis to illustrate inhibition of rabbit liver esterases by organophosphorus pesticides. 6326	Italian prune buds. 576 The nature of the widespectrum antibiotic produced by patho genic strains of Pseudomonas syringae and its role in the
Therapeutic effect of pyridine-2-aldoxime methiodide in parathion poisoned mammals. 6334	bacterial canker disease of Prunus persicae. 616 Bromine residues in fresh and dried fruits fumigated with
Determination of organophosphorous pesticide residues by conversion to orthophosphate ion.	ethylene dibromide. 625 PEANUT MEAL
Gas chromatographic techniques for the determination of organophosphate pesticide residues. 6382	
Report on analytical methods for pesticide formulations. 6385	PPANUTS Some properties of an inhibitor of virus infectivity from leaves of peanut - a new host of tobacco ringspot virus.
Identification and analyses of five organophosphate pesticides: recoveries from crops fortified at different levels. 6410	577 Aspects of the ecology and parasitic relationship to peanut of several ectoparasitic nematodes in North Carolina.
ARDOSA Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenop- tera: Sphecidae and Pompilidae). 5857	Experiments on the control of weeds in groundnuts in Tripolitania. 590
AREGLE Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenop- tera: Sphecidae and Pompilidae).	The effect of feeding toxic groundnut meal to chickens on oxidized pyridine nucleotides levels of liver and serum.
ARESIS Hypocalcemia in cattle clinical observations and certain electrolyte serum blood values of dairy cattle. 6106	PBARS Isolation, purification and other studies of viruses mechan ically transmitted from pear. 582
Spastic lameness of the hindlimbs of an Aberdeen Angus heifer. 6339	PECTINASE A mechanism of induced host resistance to polygalacturonase in Rhizoctonia-infected tissue. 576
AROXYNA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera). 5474	PECTINOPHORA GOSSYPIELLA The effect of various humidity levels on hatchability of pink bollworm eggs. 542
ARTHENOGENESIS The effect of temperature on the development of two species of oribatid mites AcarinaO Oribatei). 5635	
ARTRIDGES Characteristics of avian mycoplasma. 6199	PEKIN DUCKS Distribution and concentration of duck hepatitis virus in inoculated ducklings and chicken embryos. 605
ARTURITION Hypocalcemia in cattle clinical observations and certain electrolyte serum blood values of dairy cattle. 6106	PELLICULARIA Studies on the nucleases produced by microorganisms. III. Properties of partially purified phosphodiesterase 5- prime-nucleotide-forming) produced by Pellicularia sp.
ASTEURELLA Serological studies on pasteurella multocida. II. Characteristics of somatic (0) antigen of the organism. 6101	578 PENICILLIN
Serological studies on Pasteurella multocida III. 0 antigenic analysis of cultures isolated from various animals. 6102	Rapid microbial disc assay for penicillin in milk. 574 Overnight microbial plate assay for penicillin in milk. 574
Serological studies on Pasteurella multocida. I. A simplified method for capsule typing of the organism.	PENICILLIUM Antagonistic effects of some soil fungi on Verticillium sp. isolated from maple trees. 576
ASTEURELLA BACTERINS Dissociation of a fowl cholera strain of Pasteurella multo- cida. 6038	PENNSYLVĀNIA Cerebral nematodiasis in pennsylvania deer (Odocoileus virgineanus). 593
ASTEURELLA MULTOCIDA Dissociation of a fowl cholera strain of Pasteurella multo- cida. 6038	PENTACHLORONITROBENZENE Alkyl-arsine oxides as fungicidal and nematocidal agents. 574
ATHOGENESIS Avian lymphomatosis. IV. Pathogenesis. 6159	Adapted tolerance of Rhizoctonia solani to increased concentrations of three soil fungicides. 578
ATHOGENICITY Observations on pathogenicity of Streptomyces scables on	Determination of pentachloronitrobenzene in vegetables. 638

PESTICIDE RESIDUES

PENTACHLOROPHENOL Determination of herbicides in oils.	6414	PESTICIDE MONITORING PROGRAM Dept. of Agriculture announces new pesticides monitorin program.	ng 6266
PENTADOMIDAE A new species of Alcippus from Equador (Heteroptera: Pentadomidae).	5551	PESTICIDE RESIDUES Chlortetracycline and oxytetracycline residues in poult	ry
PENTOBARBITAL SODIUM Methocarbamol in the control of severe skeletal muscle spasms in small animals.	6314	tissues and eggs. The distribution of c14 in the chick following the administration of	5920
PEPTIDES		buguinolate-3-c14.	6229
Studies on the amino acid sequence of Holmes rib-grass strain virus protein. I. Separation of pH 4.5 soluble tryptic peptides and amino acid sequences of some small	l pep-	Bromine residues in fresh and dried fruits fumigated wi ethylene dibromide.	6253
tides of Holmes rib-grass strain virus protein.	5787	Teamwork on the delta.	6265
PERDITA Observations of the bionomics of a colonial bee of the Perdita (Hymenoptera: Apoidae, Panurginae).	genus 5644	Dept. of Agriculture announces new pesticides monitorin program.	1g 6266
	AF3 •	Pesticide drift residue.	6270
Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae).	5843	Residue determination of 2,4-dichlorophenoxyacetic acid dry crops and walnuts.	l in 6271
PERICARDITIS Artificially induced Escherichia coli infection in chichicks.	11ed 5948	Investigations in the use of the micro-coulometric gas chromatograph for pesticide residue analysis.	6274
Traumatic pericarditis in cattle: a clinical, physiolog		Determination of guthion residues on fruits.	6277
and pathological study. FERIPLANETA	6003	Determination of residues of diuron, monuron, fenuron, neburon.	and 6278
Sexing first instar cockroaches (Orthoptera: Blattidae)	5510	Determination of micro-quantities of chlorinated organi pesticide residues in butter.	ic 6279
Intrapopulation variability as a restrictive factor in use of free amino acids in comparative taxonomy.	the 5564	Application of oscillographic polarography to determina of organic phosphorus pesticide residues.	tion 6281
PERIPLANETA AMERICANA Control of the circadian rhythm of activity in the cocl	k-	Infrared determination of endrin residues.	6282
roach. iI. the role of the sub-oesophageal ganglion as ventral nerve cord.	nd 5588	Six phosphate pesticide residues in green leafy vegetab cleanup method and paper chromatographic identification	
Control of the circadian rhythm of activity in the cocl roach. i. the role of the corpora cardiaca, brain and			6284
stress. PERIPOSCIDAE	5589	Pesticide residues in foods: analytical philosophy, technology, and capabilities in other countries.	6285
Insects of pine cones in Arkansas.	5838	Rapid colorimetric determination of DDT in milk.	6286
PERITONEUM A histological study of a peritoneal carcinomatosis in laying hen.	the 6107	Comparison of five extraction procedures for the recove DDT residues in field-treated collards.	ery of 6287
PERITONITIS		Separation of dieldrin and endrin from other chlorinate pesticide residues.	ed 6289
Artificially induced Escherichia coli infection in chi- chicks.	11ed 5948	Thiram residues in tomatoes, strawberries and celeries.	6290
PERHEABILITY Junctional membrane uncoupling, permeability transforms at a cell membrane junction.	ations 5639	Some possible effects of malathion and EPN on mice.	6291
		Spray drift claims are murder.	6296
Treatment of hatching eggs for disease prevention - factoring permeability and a visual detection of drug absorption.	5931	Esterase inhibition technique for the detection of organophosphorus pesticides.	6297
PERTHANE Metals, cther elements, and residues in foods.	6304	One-step chromatographic cleanup of chlorinated hydroca pesticide residues in butterfat. I.Chrcmatography on silicic acid.	rbon 6300
PEST CONTROL Investigations of new scalicides for Florida citrus.	5590	Metals, other elements, and residues in foods.	6304
Vice, virtue, and the vedalia.	5610	Report on fungicides, fumigants and miscellaneous.	6305
The history and use of agricultural chemicals.	5656	Cleanup and separation of 3-amino-1,2,4-triazole and	
Pest management. sH931.b4.	5721	metabolites from vegetable crops.	6306
PEST CONTROL OPERATORS	3721	Determination of chlorinated pesticide residues by elec	
The role of the pest control operator in the Entomologi Society of America.	ical 5 7 01	capture gas chromatography. Determination of 2,4-D and other chlorinated phenoxy al acids.	
PESTICIDE APPLICATION Aircraft are not enough.	5732	Screening method for pesticide residues on fruits and	6308
Pesticide drift residue.	6270	vegetables.	6322
Lcw volume spinning pesticide nozzle.	6436	Pederal control of pesticides.	6329
		<pre>Ion-exchange method for determining paraquat residues i food crops.</pre>	л 6373

PESTICIDES

Determination of orga conversion to orthoph	nophosphorous pesticide residues bosphate ion.	6380	The distribution of sandflies (diptera, psychodiadae) i Kenya.	in 5528
Gas chromatographic to organophosphate pesti-	echniques for the determination of cide residues.	6382	Seasonal changes in populations of phlebotomine sandfli (Dipt., Psychodidae) in Kenya.	es 5529
New spray equipment m	inimizes drift problem.	6419	PHORATE Application of oscillographic polarography to determina	tion
PESTICIDES Laboratory tests for	control of earwigs.	5678	of organic phosphorus pesticide residues.	6281
	cultural ground crews.	5715	Degradation esters of syslox, di-syslon, and thimet on field-sprayed kale.	6283
	ethods of analysis made at the sev October 30 and 31 and November 1,		Use of starch gel electrophoresis to illustrate inhibit of rabbit liver esterases by organophosphorus pesticide	
Report of subcommittee	e a on recommendations of referees	5733	Report on analytical methods for pesticide formulations	6375
Dept. of Agriculture a program.	announces new pesticides monitorin	6266	PHORMIA REGINA Hyperphagia in the blowfly.	5609
Federal control of pe	sticides.	6329	PHOSPHAMIDON Process on advanta incomes of forcest opening with place	nha-
Report on analytical	methods for pesticide formulations	6375	Effects on aquatic insects of forest spraying with phos midon in New Brunswick.	5615
The ag pilot and how	to protect him.	6431	PHOSPHATASES Report on dairy products.	6288
Pesticides and the inpress.	flustry -as viewed by the agricultu	ral 6438	PHOSPHATES Laboratory tests for control of earwigs.	5678
food of young Atlantic		5634	PHOSPHODIESTERASE Studies on the nucleases produced by microorganisms. II Properties of partially purified phosphodiesterase 5- prime-nucleotide-forming) produced by Pellicularia sp.	
Brunswick forests.	salmon of spraying DDT over New	6267	PHOSPHORUS	5785
PETS Small animal literatu:	re index.	6090	Reduction of symptoms associated with high-phosphorus 1 in soybeans by Amo-1618.	le vels 5779
	pallires and H. bishoppi Diptera		Relationship of dietary calcium and phosphorus levels t cage layer fatigue syndrome.	o the 6162
Chloropidae) in Wisco Removal of Syngamus t subcutaneously inject	rachea, gapeworm, from pheasants w	5625 ith 6234	PHOSPHORUS-ORGANOTIN COMPOUNDS Preparation of organotin-phosphorus compounds and their logical activities - potency against fungi, toxic activity against insects and phytotoxic properties.	
PHENOLS Low molecular weight	phenols in higher plants.	6358	PHOSPHORYLATION Respiratory electron transport.	6354
PHENOXYETHANOL 2- The effect of ultravious chemicals by paper ch	olet light (2537 A) on 141 pestici romatography.	de 6402	PHOTOCHEMISTRY Photolysis of 3,5-di-iodo-4-hydroxybenzonitrile (ioxyni) a factor in its herbicidal action.	.1) as 5911
PHENYL-4-HYDROXYBENZONI Photolysis of 3,5-di- a factor in its herbic	iodo-4-hydroxybenzonitrile (ioxyni	.1) as 5911	PHOTOGRAPHY Insect photographic salons - why have them.	5441
	vations on Philanthus politus menoptera: Sphecidae).	5541	PHOTOMETRY Elution column preparation of leaf sample for flame photometry. I. Determination of potassium in tobacco.	6312
Notes on the biology $(Sphecidae)$.	of Philanthus bicinctus (Hymenopte	ra: 5843	Properties of phytochrome.	6364
PHILIPPINE ISLANDS A new species of Mallo	ophaga from the Philippine Islands	5467	PHOTOPERIODISM Effects of photoperiod upon oogenesis in Melanoplus devastator Scudder (Orthoptera: Acrididae).	5645
	changes, new synonymy, new names, s on Asilidae (Diptera).	a 5521	Dormancy, growth inhibition. and tuberization of nutsed Cyperus rotundus L.) as affected by photoperiods.	ge 5896
PHILOPTERIDAE A note on the identity	y of Acidoproctus mopkinsi mexican phaga: Philopteridae).	us 5448	PHOTOTROPISM Perception of environmental stimuli orienting growth and movement in lower plants.	d 6348
PHILORNIS	coprophagous larva, and some relat		PHYCITIDAE Egg types among moths of the Pyralidae and Phycitidae - Lepidoptera.	5650
PHLEBOTOMUS			Insects of pine cones in Arkansas.	5838
chodidae) with emphas	Phlebotomus species Diptera0 Psy is on the bionomics and vector pot exator occidentis Fairchild and He	en-	PHYLLOCOPTRUTA Observations on the mites Phyllocoptruta oleivora (Ashmead) and Aculus pelekassi Keifer under laboratory conditions.	5594

PAGE 110

PLANT DISEASES PHYLLOPHAGA Observations on the clerid predation of the Southern pine An association between a species of Caloglyphus (Acarina: Acaridae) and Phyllophaga anxia (Coleoptera: Scarabae-5861 A method of collecting adults of the pales weevil, Hylobius idae). pales and the pitch eating weevil, pachylobius picivorus (Coleoptera: Curculionidae). PHYLLOSTICA Notes on Wisconsin parasitic fungi. xXXII . 5791 PINUS RESINOSA The European pine shoot moth ecology and control in the A new species of Physconelloides (Mallophaga) from Texas. Lake States. PIPERONYL BUTOXIDE Effects of route of administration to houseflies on the PHYSIOLOGY 5655 Difference in physiology of vibrio spp. from chickens and interactions of malathion and piperonyl butoxide. Metals, other elements, and residues in foods. 6304 PHYSODERMA A Physoderma-like fungus in citrus and related species. PIROPLASMOSIS ROPLASMOSIS
Vaccination against bovine babesiosis, infectivity and
virulence of blood from animals either recovered from or
5966 5772 PHYTOBIA MACULOSA Some new host plant records and parasites of Phytobia auromyza) maculosa in Florida DipteraO Agromyzidae). Bovine babesiosis. The immunization of cattle with killed 5881 babesia argentina. PHYTOPHTHORA Studies of Babesia gibsoni (Patton, 1910) infections in Growth of Phytophthora parasitica var. nicotiniae on fats and fatty acid derivatives. 5 the dog. 5798 PITUITARY GLAND PHYTOPHTHORA CINNAMOMI Transmissible pituitary chromophobe adenoma in the parakeet. Saprophytic behavior and survival of Phytophthora cinnamomin soil. 6051 5823 PLACENTA The pathogenisis of ovine pneumonia.III. PLACENTAL infection by pneumonitis virus. PHYTOPHTHORA INFESTANS Control of late blight of potatoes. 5994 5746 Effects of B-Nine and Cycocel on some anatomical, chemical, and physical factors influencing leaf color and stem strength of Chrysanthemum morifolium L. cv. Criterion and Euphorbia pulcherrima Willd. cv. Elisabeth Ecke. Nature of response of zoospores of Phytophthora parasitica to soil fungistasis. 58 PHYTOSELIDAE Generic synonymy in the Phytoseiidae (Acarina: mesostigma The anatomy and physiology of citrus fruit abscission induced by iodoacetic acid. PHYTOSEIULUS MACROPILIS Biology of the predatory mite Phytoseiulus macropilis in Bawaii Acarina, Phytoseiidae. 5651 PLANT BIOCHEMISTRY Hormonal regulation of citrus leaf abscission and its relative influence on protein synthesis. PHYTOTRONS simple climate chamber for potato leaf roll virus testing Effects of B-Nine and Cycocel on some anatomical, chemi cal, and physical factors influencing leaf color and stem strength of Chrysanthemum morifolium L. cv. Criterion and Contribution no. 123). Euphorbia pulcherrima Willd. cv. Elisabeth Ecke. Pinpoint spraying - accurate spraying application credited for a 99.7 per cent kill. 5841 Gibberellin-like substances from Echinocystis macrocarpa Greene. PICEA BREWERIANA Dwarfmistletoe Arceuthobium) on Brewer spruce in Oregon. PLANT DISEASE CONTROL Disease control through virus-free stock. 5800 PLANT DISEASE RESISTANCE Aberrations of the nucleic acid metabolism of plants induced Varietal resistance to clover rot in white by 4-amino-3,5,6-trichloropicolinic acid. 5750 Evaluation of recurrent selection for stalk-rot resistance Characteristics of avian mycoplasma. 6199 in maize and the associated changes in other agronomic char-PINE CONES Insects of pine cones in Arkansas. 5838 Inheritance of resistance to races 56 and 15B-2 of Puccinia graminis Pers. f. sp. tritici Erikss. and Henn. in Triticum aestivum L. Infection of Pinus contorta by basidiospores of Cronartium Histochemistry of foliage diseases. 5832 comandrae. Comparative development of the Hypoderma and Lophodermium Use of environmental factors in screening for disease needle casts of eastern white pine. 5834 resistance. Wood extractive content and Fomes pini infection of eastern PLANT DISEASE TRANSMISSION white pine. Confirmation of failure of rose mosaic virus to spread in 5777 Virginia. 5801 Practical control of stump surface infection by Fomes annosus in slash pine. Isolation, purification and other studies of viruses mechan 5778 ically transmitted from pear. 5826

5846

5851

PLANT DISEASES
Pest management.

sB931.b4.

Epiphytic microorganisms in relation to plant disease.

Biology of a pine bark aphid, Cinara watsoni, and its

Observations on the larval habits of some Callidiini with special reference to Callidiellum cupressi (Van Dyke)

response to temperature.

special reference to care (Coleoptera: Cerambycidae).

5721

5816

PLANT DORMANCY			
Microclimate and plant disease.	5833	PLANT PROTECTIVE DEVICES Influence of bacteria from leaves on cucumber anthracno	se in
PLANT DORMANCY Factors in survival of nematodes.	5894	protectant tests in the greenhouse.	5817
Dormancy, growth inhibition. and tuberization of nutsed Cyperus rotundus L.) as affected by photoperiods.	1ge 5896	PLANT REGULATORS The effects of 4-chlorophenoxyacetic acid on the rhizom Pteridium aquilinum (L.) kuhn.	e of 5 7 22
PLANT GALLS Association of fungi with some insect galls.	5583	Report on herbicides and plant growth regulators.	5745
Insect-fungus blister galls of Solidago and Aster.	5761	Hormonal regulation of citrus leaf abscission and its r tive influence on protein synthesis.	ela- 6342
PLANT GENETICS		The penetration of growth regulators into leaves.	63 63
Inheritance of resistance to races 56 and 15B-2 of Puccia graminis Pers. f. sp. tritici Erikss. and Henn. in Triticum aestivum L.	5830	PLANT RESIDUES The determination of Kelthane residues on fruits and vegetables.	6280
PLANT HORMONES Stem elongation.	6361	PLANT RESPIRATION Respiratory electron transport.	6354
PLANT METABOLISM Aberrations of the nucleic acid metabolism of plants in by 4-amino-3,5,6-trichloropicolinic acid.	nduced 5905	PLANT SENESCENCE Interaction of growth regulators in the senescence of nasturtium leaf disks.	6343
PLANT NEMATODES Pest management. sB931.b4. Aspects of the ecology and parasitic relationship to pe	5721	PLANTAGO Controlled interference with natural populations of Fla tago lanceolata, P. major and P. media.	ın- 5 7 38
of several ectoparasitic nematodes in North Carolina.	5829	PLANTING EQUIPMENT Engine-powered distributor for fixed-wing aircraft.	6434
PLANT NUTRITION Relation of nutrition to Cladosporium leaf mold develop in tomato.	pment 5790	PLANTS Report of subcommittee a on recommendations of referees	
Crop and weed response to varying levels of mineral nutents and moisture stress.	tri- 5904	Perception of environmental stimuli orienting growth an movement in lower plants.	5733 id 6348
PLANT PEST CONTROL Man in an insect world.	5581	Low molecular weight phenols in higher plants.	6358
Insect detection.	5596	Stem elongation.	6361
Mole cricket control in shade tobacco plant beds.	5669	Pate of fungicides in plants.	6365
The insect infestation of sorghum stored in granaries i northern Nigeria.	in 6260	PLASMA CELL MYELOMA Plasma cell myeloma in the brain of a rabbit.	6120
PLANT PEST RESISTANCE The resistance of some American wheats to hessian fly omixed foreign parentage.	of 5433	PLASMA-MAGNESIUM Hypomagnesaemia in sheep- some inconsistencies.	6040
The susceptibility of some American wheats to the wheat blossom midges.	5434	PLASTICITY Experimental studies of the mortality and plasticity of weed.	a 5902
Resistance in corn to the corn earworm, Heliothis zea, the fall armyworm, Spodoptera frugiperda Lepidoptera, Noctuidae). i. larval feeding responses to corn plant	and	PLATYPAREA POECILOPTERA Control of the asparagus fly.	5839
Resistance in corn to the corn earworm, Heliothis zea,	5866 and	PLECOPTERA Bottom organisms of the Beaver Reservoir Basin: a pre-impoundment study.	5426
the fall armyworm, Spodoptera frugiperda Lepidoptera, Noctuidae). iII. use of plant parts of inbred corn line by the larvae.	s 5880	Effects on aquatic insects of forest spraying with phosmidon in New Brunswick.	pha- 5615
PLANT PHYSIOLOGY Influence of chelating agents on the concentration of s nutrients for plants growing in soil under acid and und		Effects of forest spraying with DDT on aquatic insects salmon streams in New Brunswick.	of 5628
alkaline conditions. Soil salinity studies I. Effect of calcium sulphate on	5718	Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon.	5634
correlation between plant growth and electrical conduct of soil extracts.	5741	PLEGADIPHILUS A new species of Plegadiphilus (Mallophaga: Menoponidae)	6217
Aberrations of the nucleic acid metabolism of plants in by 4-amino-3,5,6-trichloropicolinic acid. Gibberellin-like substances from Echinocystis macrocarp	5905	PLEUROPNEUMONIA-LIKE ORGANISMS Characteristics of avian Mycoplasma (PPLO) in tissue cultures of human and avian cells.	6026
Greene.	6360	PNEUMONIA	0020
The anatomy and physiology of citrus fruit abscission i duced by iodcacetic acid.	in- 6368	Pathology of pneumonia in intensively-reared calves.	6168
PLANT PROTECTION Pest management. sB931.b4.	5721	POA Parasitism of tobacco callus and Kentucky bluegrass by Aphelenchus avenae.	5887

		PO	TASSIUM
POGONOMYRMEX Treetop mating aggregations of Pogonomyrmex (Hymenoptera Formicidae).	: 5526	Determination of pentachloronitrobenzene in vegetables.	6389
Bionomical observations on myrmecophilus beetles of the genus Cremastocheilus (Coleoptera: Scarabaeidae).	5849	POLES Detection, identification and control of Poria carbonica and other fungi in Douglas fir poles.	6259
POGOSTENUS New species and new records of Pygostenini from Liberta. Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	5501	POLICENCEPHALOMYELITIS Polio-encephalomacia associated with myocardial degenera in a group of housed sheep experimentally infected with Haemonchus contortus.	tion 6252
POISONING Safety rules for agriculthral ground crews.	5 71 5	POLIONOTA A study of the types of Tephritidae described by F. M.	
	5986	van der Wulp in :Biologia Centrali-Americana:	5474
A comparison of the toxicity to poults and chicks of a certain peanut oil meal.	6014	POLLEN Digestion of Juniper pollen by Collembola.	5662
Ipomoea muelleri intoxication of sheep in Western Australia.	6016	POLLINATION Pollination of the unicorn plant (Martyniaceae) by an	
Toxicity of common and hairy wetch seed for ponlts and chicks.	6034	oligolectic, corolla-cutting bee (Hymenoptera: apoidae).	562 7
Molybdennm toxicity in the developing chick embryo.	6072	POLYDESMIA Millipeds of the order Polydesmia from the western state and Baja California.	s 5514
The effect of feeding toxic groundnnt meal to chickens of oxidized pyridine nucleotides levels of liver and serum.	n 6 1 25	POLYMERIZATION Polymerization of TMV protein in water and in heavy wate	r. 5811
Studies on chronic copper poisoning. IV. Biochemistry of the toxic syndrome in the calf.	6179	Effects of solutes on the polymerization of TMV protein.	
Thallinm intoxication in dogs.	6323		5831
Collaborative studies of the chemical assay for paralytic shellfish poison.	c 6325	POLYMORPHOMYIA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera).	54 7 4
Suspected Scilla non-scripta bluebell) poisoning in cattle.	6335	POLYMYXIN Effect of selected fungicides and antibiotics on Xanthom	0-
The immunization of horses with Botnlinum toxoid.	6340		5 7 48
The ag pilot and how to protect him.	6431	POLYMYXIN B SULPHATE The sensitivity of the biotypes of Brucella abortus to	
The ag pilot and how to protect him.	6432	three antibiotics used in selective media, and the descri	ip- 6001
POISONOUS GASES Detection, identification and control of Poria carbonica and other fungi in Donglas fir poles.	6259	POLYPLAX SERRATA Effects of limb disability on lonsiness in mice. iv. evi-	
POISONOUS PLANTS Dept. of Agriculture announces new pesticides monitoring	6066		6209
Solannm elaeagnifolium, silver-leafed nightshade, poison	6266 ing 6310	Taters get copter treatment: lower cost, better protection with aerial application for New England potato crop	
Snspected Scilla non-scripta bluebell) poisoning in cattle.	6335	POMPILIDAE Prey records for some Midwestern and Southwestern spider wasps (Hymenoptera: Pompilidae).	5 471
POISONS The history and use of agricultural chemicals.	5656	Taxonomic notes on the genus Ageniella (Hymenoptera:	5571
Selective toxicants and toxicant-snrfactant combinations for leafminer, Liriomyza munda Frick, control and parasisurvival.		POMPILIDS Some new pompilid prey records from southern Florida Hy-	
Changes in official methods of analysis made at the sever fifth annual meeting, October 30 and 31 and November 1, 1961.	nty- 5716	menoptera: Pompilidae). POPULATION Intrapopulation variability as a restrictive factor in the state of the	5504 he
Report of subcommittee a on recommendations of referees.			5564
	5733		5693
Adaption of fungi to metal toxicants. POLARIZATION	5757	POPULATION CONTROL (PLANTS) Controlled interference with natural populations of Plantago lanceolata, P. major and P. media.	- 5 7 38
Perception of environmental stimuli orienting growth and movement in lower plants.	6348	PORTA CARBONICA Detection, identification and control of Poria carbonica	
POLAROGRAPHY Studies on protein in abnormal milk. Part IV. Polarogra- phic protein wave in normal and abnormal milk.	6 10 0	and other fungi in Douglas fir poles. POTASSIUM	6259
Application of oscillographic polarography to determinate of organic phosphorns pesticide residnes.	ion 6281	Soil and herbage potassium levels in relation to yield.	5730

POTASSIUM NIT	KI	112
---------------	----	-----

hypomagnesemia.	5933	Efficacy studies on meticlorpindol as a coccidiostat.
Elution column preparation of leaf sample for flame photometry. I. Determination of potassium in tobacco.	6312	Immunity to Eimeria tenella and Eimeria necatrix infections in the fowl. i. influence of the site of infection at the stage of the parasite. iI. cross-protection. 624
Nature and quantities of materials leached from victori treated tissues.	.n- 6344	Eimeria necatrix infections and oleir acid absorption in broilers.
Further study of the sodium tetraphenyl boron method for potassium in fertilizers.	6378	Determination of methiotriazamine and bithionol in poultry tissues and of methiotriazamine in feed.
POTASSIUM NITRATE Soil salinity studies I. Effect of calcium sulphate on correlation between plant growth and electrical conduct		Electrosurgical devocalizing of poultry. 643
of soil extracts. POTASSIUM THIOCYANATE	5741	POULTRY DISEASE PREVENTION Treatment of hatching eggs for disease prevention—application of ultrasonic energy. 593
Effects of solutes on the polymerization of TMV protein	5831	POULTRY DISEASE RESISTANCE
POTATOES Taters get copter treatment: lower cost, better prote		Control of infectious synovitis. 14. The effect of age of chickens on the susceptibility to three agents.
tion with aerial application for New England potato cro	5739	POULTRY DISEASES Summary of poultry diseases reported by the north central poultry disease conference, 1964.
Control of late blight of potatoes.	5746	POULTRY HATCHERIES
The diphenylamine color reaction of leaf extracts from plants infected with potato leaf roll virus.	5814	Occurrence and survival of Salmonella organisms in hatcher chick fluff from commercial hatcheries.
A simple climate chamber for potato leaf roll virus tes Contribution no. 123).	ting. 5819	POULTS Study of natural and experimental infection of Mycoplasma associated with turkey airsacculitis. 594
Use of molecular gel formation to prepare potato virus- irocula for antisera. Contribution no. 229).	X 5825	Airsacculitis in poults from different strains of turkeys.
Detection and control of mild strains of potato leaf rovirus. Contribution no. 117).	5837	A comparison of the toxicity to poults and chicks of a certain peanut oil meal.
Disulfoton residues in potato tubers.	6273	Toxicity of common and hairy youch good for noults and
Application of 4-(p-nitrobenzyl)pyridine as a rapid gua tative reagent for organophosphate pesticides.	nti- 6381	Toxicity of common and hairy vetch seed for poults and chicks. 603
POULTRY		Hemogram of turkey poults experimentally infected with syngamus trachea. 605
Chlortetracycline and oxytetracycline residues in poult tissues and eggs.	ry 5920	Observation on the effect of vitamin and antibiotic
Symposium on poultry viruses.	5924	injections on early turkey poult growth and mortality. 616
Effect of diethylstilbestrol on energy and protein utilization by chicks fed a diet high in fat content.	5970	Influence of reserpine and antibiotics on growth and on beta-propionitrile-induced dissecting aneurysms in turkeys. 618
Magnesium deficiency in the laying hen.	5985	PPLO other than Mycoplasma gallisepticum associated with turkey sinus and air sac lesions. 620
Anatomical responses of several White Leghorn strains to Newcastle disease virus (Roakin).	6007	PRAIRIE FALCONS Five cases of Serratospiculum amaculata (Nematoda: Filar-
Isolation of Mycoplasma gallisepticum from fresh eggs a blood.	nd 6057	ioidea) infection in prairie falcons (Falco mexicanus).
Effects of spironolactone on laying pullets.	6099	PRATYLENCHUS
Arginine deficiency in two strains of chickens selected differences in dietary reguirements of arginine.	for 6104	Effect of host crop on soil populations of several Praty- lenchus species.
Influence of vitamin-a deficiency on testes, bursa Fabricius, adrenal and hematocrit in cockerels.	6108	Effects of Pratylenchus penetrans on the nutrient level of N, P, K, Ca, and Mg in roots and leaves of Ilex rotundifolia and Berberis julianae.
Transmission and eradication of mycoplasma gallisepticum in chickens.	6109	The movement of Pratylenchus penetrans in relation to soil moisture content and aggregate size obtained by dry sieving 580
The effect of sodium sulfate on blood levels of oxytetracycline in birds.	6118	PREDACEOUS FUNGI Differences in ratio of spontaneous constricting ring for-
Infection with the tapeworm Raillietina cesticillus in Georgia poultry flocks.	6139	mation in two species of the predaceous fungus genus Dactylella. 578
Efficacy of buquinolate against six species of coccidia.	6221	PREDACEOUS INSECTS Some new pompilid prey records from southern Florida Hymenoptera: Pompilidae). 550
The distribution of c14 in the chick following the administration of buquinolate-3-c14.	6229	Biological studies on Paracheyletia bakeri Acarina0 Cheylehdal). 563
Studies on Eimeria mivati in chickens and a comparison with Eimeria acervulina.	6235	Biology of the predatory mite Phytoseiulus macropilis in Hawaii Acarina, Phytoseiidae. 565

Laboratory observations on predation activities of Lacciphilus beetles on the immature stages of some dipterous pests found in Missouri oxidation lagoons.	o- 5657	PROTHIDIUM Field trials of prothidium as a prophylactic in cattle Trypanosmiasis.	6213
Araneida as predators of the fall webworm.	5674	PROTOPAM	0213
The systematic position of Meloetyphilus, a genus of bl:		The ag pilot and how to protect him.	6431
blister beetles (Coleoptera: Meloidae). PREGNANCY Further observations on a congenital cyclopian-type malimation.	5878	PROTOZOA Studies of California Phlebotomus species DipteraO Psychodidae) with emphasis on the bionomics and vector potitial of Phlebotomus vexator occidentis Fairchild and Hettig.	en-
PREGNANCY DISEASE Glucose biokinetics in ovine pregnancy toxemia.	6067	PROTOZOAL VACCINES Bovine babesiosis. The immunization of cattle with kill- babesia argentina.	ed 623 7
Nitrate in the diet in pregnant ewes.	6313	PRUNES	0257
PREVENTIVE MEDICINE Bacterial and viral disease.	6049	Necrotic ringspot virus determinations: spread and effe Montomorency sour cherry and peach and distribution in	
Live virus immunizing agents.	6130	Italian prune buds.	5768
Modern trends: Preventive medicine - Modern management.	6153	PSEUDAPHYCUS MALINUS Possibility of biological control of Pseudococcus comstocki in Japan.	5871
PROBOSCIDEA ARENARIA Pollination of the uniccrn plant (Martyniaceae) by an oligolectic, corolla-cutting bee (Hymenoptera: apoidae).	* 562 7	PSEUDOACROTAENIA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera).	5474
PROBOSCIDEA JUSSIBUI Pollination of the unicorn plant (Martyniaceae) by an oligolectic, corolla-cutting bee (Hymenoptera: apoidae).	• 5627	PSEUDOCOCCUS COMSTOCKI Possibility of biological control of Fseudococcus comstocki in Japan.	5871
PROCTACANTHELLA Proctocanthella Bromley (Diptera: Asilidae).	5573	PSEUDOMONAS Tolerance of Pseudomonas glycinea to freezing temperatu:	res. 5810
PROCTACANTHUS Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521	PSEUDOMONAS AERUGINOSA On the source and nature of bactericidal factors in the hemolymph of normal and immune wax moth larvae, Galleria mellonella L.).	
PROCTOLAPIAPS A new genus and twelve new species of mites from Mexico Southeast United States (Acarina: Blattisocidae).	and 5459	PSEUDOMONAS SYRINGAE The nature of the widespectrum antibiotic produced by period strains of Pseudomonas syringae and its role in the strains of pseudomonas syringae and its role in the strains of pseudomonas syringae and its role in the strains of pseudomonas syringae and its role in the strains of pseudomonas syringae and its role in the strains of pseudomonas syringae and its role in the strains of pseudomonas syringae and its role in the strains of pseudomonas syringae.	
PROGESTERONE Cystic hyperplasia of the gall bladder in the beagle, as iated with the administration of progestational compound		bacterial canker disease of Prunus persicae. PSEUDOPANURGUS New species of Pseudopanurgus from Arizona Hymenoptera, Apoidea).	6163 * 5568
The nonessentiality of glycine and the essentiality of proline in the chick nutrition.	1 - 61 7 2	PSEUDOTSUGA Observations on the larval habits of some Callidiini wire special reference to Callidiellum cupressi (Van Dyke)	
PROLYL-ALANYL-THREONINE Effects of solutes on the polymerization of TMV protein. PROMACHINA	5831	(Coleoptera: Cerambycidae). PSEUDOTSUGA MENZIESII Detection, identification and control of Poria carbonica and other fungi in Douglas fir poles.	5851 a 6259
Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521	PSILONYX Generic and subfamily changes, new synonymy, new names,	a
PROMACHUS Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	a 5521	new species, and notes on Asilidae (Diptera). PSYCHIATRY Arthropods and psychic disturbances.	5521 5709
PROPANEDIOL, DL-1,2- Metabolism of DL-1,2-PROPANEDIOL-2-14- C in a lactating cow.	5998	PSYCHODIDAE Studies of California Phlebotomus species DipteraO Psy-	-
PROSELENUS North American Tachinidae (Diptera).	6140	chodidae) with emphasis on the bionomics and vector potential of Phlebotomus vexator occidentis Fairchild and Hertig.	
PROTEINS The corpus cardiacum as a metabolic regulator in Blabero discoidalis Serville Blattidae).	us 5633	The distribution of sandflies (diptera, psychodiadae) in Kenya.	5528
Polymerization of TMV protein in water and in heavy water	er. 5811	Seasonal changes in populations of phlebotomine sandflie (Dipt., Psychodidae) in Kenya.	es 5529
Effects of solutes on the polymerization of TMV protein.	5831	PSYTHIRUS A preliminary atlas for the identification of female but bees (Hymenoptera: Apidae).	mble 5489
Studies on protein in abnormal milk. Part IV. Polarographic protein wave in normal and abnormal milk.	6100	PTERIDIUM The effects of 4-chlorophenoxyacetic acid on the rhizome Pteridium aquilinum (L.) kuhn.	e of 5722
Hormonal regulation of citrus leaf abscission and its retive influence on protein synthesis.	ela - 6342		

PTERIDIUM

PTEROMALIDAE	
PTEROMALIDAE Insects of pine cones in Arkansas. 58	PYTHIUM ULTIMUM 338 Effects of nutrients and inoculum density on the virulence of Pythium aphanidermatum and Pythium ultimum to mung bean
PUBLIC HEALTH Eradication versus control in communicable disease prevention. 57	seedlings. 5815 713 P32
Reviews of the progress of dairy science section F. Milk-borne disease. 59	The effect of bean rust on the foliar uptake of p32. 5789
Animal viruses and their relationship to diseases in man. 60	A case report: Chilomastix sp. infection in pen-raised quail. 5988
Federal control of pesticides. 63	QUANTITATIVE ANALYSIS Quantitative theory of nematode-root relations. 5891
PUBLIC RELATIONS ESA and you. 57	The guantitative analyses of microgram guantities of mixtures of DDD and p,p DDT 6327
PUCEINIA GRAMINIS TRITICI Inheritance of resistance to races 56 and 15B-2 of Puccinia graminis Pers. f. sp. tritici Erikss. and Henn. in Triticum aestivum L. 58	Application of 4-(p-nitrobenzyl) pyridine as a rapid quanti- tative reagent for organophosphate pesticides. 6381
PUERTO RICO	Oak leaf poisoning in two horses. 5993
	n RABBITS 616 Antigens associated with Prunus necrotic ringspot virosis. 5752
•	Studies on the infectious bronchitis virus of chickens iso- lated in Finland with reference to the serological survey of its occurrence.
PULEX SIMULANS Pulex simulans and P. irritans on dogs in Hawaii Siphon- apteraO Pulicidae). 62	The immunological and biological reactions of meoplastic mast cells. 6048
PULICIDAE Pulex simulans and P. irritans on dogs in Hawaii Siphon- apteraO Pulicidae). 62	Plasma cell myeloma in the brain of a rabbit. 6120
	Rabies discovered in greenland. 6056
REPORT ON THE PULL OF THE REPORT ON THE PULL OF THE REPORT ON THE PULL OF THE REPORT O	Illinois. 6183
Report on the pullorum disease testing results, presented the 36th annual meeting, northeastern conference on avian diseases, june, 1964.	ectoparasite populations upon rodent hosts. 6211
PULMONARY ASPERGILLOSIS Pulmonary aspergillosis in a calf. 59	RADIATION Radiation-induced loss of reproductive integrity in the 997 stamen hairs of Tradescantia blossfeldiana Mildbr a twelve-ploid species. 6351
	RADIO-PREQUENCY HEATING Mortality and internal heating in radiofrequency-treated
The effect of temperature on crossvein formation in crossveinless-like strains of Drosophila melanogaster Meigen).	Morphological abnormalities resulting from radiofrequency
	treatment of larvae of Tenebrio molitor. 5630
PYGCSTENINI New species and new records of Pygostenini from Liberta. Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	RADIOACTIVE CONTAMINATION Strontium-90 from fallout in the diet and milk of a dairy herd. 5918
55	501 Measurements of non-ionic iodine in the milk of dairy cows
PYRALIDAE Egg types among moths of the Pyralidae and Phycitidae - Lepidoptera. 56	following oral administration of labelled sodium iodide. 5921
PYRETHRUM A preliminary assessment of the effectiveness of pyrethrum	Report on fission radionuclides of health significance in foods and feeding materials. 6268
against the stalk borer Busseola fusca (Fuller) in the	Radioactivity in foods. II. Evidence of fallout 884 contamination during 1958 and 1959. 6293
PYRIDINE NUCLEOTIDES The effect of feeding toxic groundnut meal to chickens on oxidized pyridine nucleotides levels of liver and serum.	Fallout 137Cs, direct aerial transfer as an important source of foliar deposition. 6367
PYRIDINE-2-ALDOXIME METHIODINE	PADIOACTIVE SUBSTANCES Fixation of c1402 by germinating conidia of Botrytis cine- rea. 6391
	RADIOGRAPHY Osteochondrosis of the tibial tuberosity of the horse.
PYTHIUM Alkyl-arsine oxides as fungicidal and nematocidal agents. 57	5936 Hypertrophic pulmonary osteoarthropathy in a horse - a case
PYTHIUM APHANIDERMATUM	report. 6021
Effects of nutrients and inoculum density on the virulence of Pythium arhanidermatum and Pythium ultimum to mung bean	
	A canine acetabular index. 6143

		7707717171
BAINFALL Biology of Hippelates pallipes and H. bishoppi Diptera Chloropidae) in Wisconsin.	0 5625	RESTRAINING TABLE A restraining table for implantation and transplantation experiments on mosquitoes. 6416
RAISINS		RESUSCITATION
Bromine residues in fresh and dried fruits fumigated wi ethylene dibromide.	th 6253	Factors in survival of nematodes. 5894
RANUNCULUS		RHABDOMYOMATOSIS Rhabdomyomatosis in the heart of the guinea pig. 6151
The control of Ranunculus repens (L.) in raspberries.	E000	
	5909	RHAGOLETIS A study of the types of Tephritidae described by F. M.
RAPHIGNATHIDAE		van der Wulp in :Biologia Centrali-Americana:
New and redescribed species of Raphignathidae (Acarina) and a discussion of the chaetotaxy of the Raphignathoid	ae.	(Diptera). 5474
	5430	RHAGOLETOIDES
RASPBERRIES		A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana:
The control of Ranunculus repens (L.) in raspberries.	5909	(Diptera). 5474
	2303	RHINONYSSUS
RATS Exposure of Tribolium confusum to Thio-TEPA and its ef-		New records for Rhinonyssus himantopus and notes on other species of the genus. 5567
fect upon development of Hymenolepis diminuta cysticer-		
coids.	5707	RHINOTRACHEITIS Pathologic and immunologic studies on field and experimental
Interrelationships of magnesium, potassium and nitrogen		postvaccinal reactions following vaccination against bovine
hypomagnesemia.	5933	virus diarrhea. 6123
Mucinous bronchiolar carcinoma of the rat lung. A case	6400	RHIZOCTONIA
report.	6198	Alkyl-arsine oxides as fungicidal and nematocidal agents. 5749
Induction of immunological tolerance in rats to Wippost qylus brasiliensis infection.		A manhaniam of induced best resistance to relugalizations
gyrus brasiliensis infection.	6232	A mechanism of induced host resistance to polygalacturonase in Rhizoctonia-infected tissue. 5760
A new malarial parasite of the flying squirrel.	6225	Fungistatic and fungicidal effects on Streptomyces rimosus
	0223	on some soil-inhabiting pathogenic fungi in vitro. 5770
RED CLOVER Biological estimation of oestrogenic activity in red cl	over	Adapted tolerance of Rhizoctonia solani to increased con-
(Trifolium pratense): relative potencies of parts of pl	ant	centrations of three soil fungicides. 5781
and changes with storage.	6005	RHIZOMES
REPORTS Report of the committee on nomenclature and reporting o	£	The effects of 4-chlorophenoxyacetic acid on the rhizome of Pteridium aquilinum (L.) kuhn. 5722
disease, northeastern conference on avian diseases, jun		Pteridium aquilinum (L.) kuhn. 5722
1964.	5925	RHIZOPHAGIDAE Insects of pine cones in Arkansas. 5838
Report on the pullorum disease testing results, present		
the 36th annual meeting, northeastern conference on avidiseases, june, 1964.	an 5927	RHODODENDRON Crown gall on rhododendron. 5759
Summary of poultry diseases reported by the north centr	- 1	RHOPALOSIPHUM PADI
poultry disease conference, 1964.	6042	Biology studies of Macrosiphum avenae Fabr.), Acyrthosi-
REPRODUCTION		phon dirhodum Walker), and Rhopalosiphum padi L.) on Gramineae in western Oregon. 5859
The reproductive biology of Hippelates collusor Townse		
DipteraO Chloropidae).	5579	The European pine shoot moth ecology and control in the
Effect of light on sexual reproduction in Hypomyces sol f. cucurbitae.		Lake States. 5869
i. cucurpitae.	5776	RHYACOBATES
Factors in survival of nematodes.	5894	Synonymy of the genera Rhyacobates esaki 1923 and Esakobates lundblad 1934, and a description of a new
Radiation-induced loss of reproductive integrity in the		species of Rhycobates from China. (Hemiptera: Gerridae).
stamen hairs of Tradescantia blossfeldiana Mildbr a twelve-ploid species.	6351	5493
	,,,,	RHYONYSSIDAE
RESEARCH Elements of entomology - the program.	5480	Nasal mites of Thailand birds (Acarina: Bhynonyssidae). 5566
Entomological research in our changing world.	5641	RHYTISMA
Cotton insect research at Tallulah, louisiana.	6441	Insect-fungus blister galls of Solidago and Aster. 5761
		RIBONUCLEIC ACID
Research: what is it s value.	6442	Broad bean mottle virus (BBM7) ribonucleic acid. 5813
RESINS Modifications of the Knoerlein infrared method for rote	none.	RICE Peasibility and problems of chemical control of rice stem
The state of sound for two	6407	borers, research on the natural enemies of rice stem borers.
RESISTANCE-INDUCING FACTOR		5845
RIF infection in a commercial flock of chickens.	6074	On the ecology of stem borers in Asia, research on the nat- ural enemies of rice stem borers. 5872
RESPIRATORY DISEASES		
Isolation of the virus of infectious bovine rhinotrache from range cattle.	itis 6088	Effect of insecticidal seed treatments on rice. 5875
		Some factors influencing larval infestations of the rice water weevil. 5877

FICE

RI	N	D	R	R	P	P	S	ч

Variations in size and weight of three geographical populations of rice weevil ccmplex.	5879	RPL 12 Responses of different stocks of chickens to inoculatio embroyes and as chicks with strain RPL 12 and field iso	olate
RINDERPEST Time and temperature of complement-fixation in the diag of rinderpest.	nosis 6081	of leukosis virus. RUELENE	601
RING SPOT (TOBACCO) Some properties of an inhibitor of virus infectivity fr leaves of peanut - a new host of tobacco ringspot virus		Use of starch gel electrophoresis to illustrate inhibit of rabbit liver esterases by organophosphorus pesticide	
	5773	RUMENTIS Feedlot bloat associated with rumenitis and esophagitis	
RNA		reedict bloat associated with idmenitis and esophagitis	6128
Isolation of noninfectious particles containing Rous sarcoma virus RNA from the medium of Rous sarcoma virus transformed nonproducer cells.	6150	RUST (BEANS) The effect of bean rust on the foliar uptake of p32.	5789
RODENTS Comparative suitability of the four murine rodents of Hawaii as hosts for Xenopsylla vexabilis and X. cheopis (siphonartera).	5 5482	SABADILLA Report on analytical methods for pesticide formulations	6385
An improved test paper for the detection of mammalian tresidues.	rine 6276	SAFETY EDUCATION Safety rules for agricultural ground crews.	5715
	_	Project leapfrog.	6425
RONNEL Systemic insecticides for the control of cattle grubs, Hypoderma lineatum DeVillers) and Hypoderma bovis L.).	6208	SALDULA A new shore bug from Oregon (Hemiptera: Saldidae).	545
Use of starch gel electrophoresis to illustrate inhibit of rabbit liver esterases by organophosphorus pesticide		SALICYLIC ACID Dormancy, growth inhibition. and tuberization of nutsed Cyperus rotundus L.) as affected by photoperiods.	ige 5896
ROOT KNOT (TONATOES) Temperature as a factor in the control of tomato root k with oat straw.		SALINE SOILS Soil salinity studies I. Effect of calcium sulphate on correlation between plant growth and electrical conduct of soil extracts.	
ROOT-KNOT NEMATORES The effect of soil fungi and root-knot nematodes on the growth of white clover in field bins.	5890	SALIVARY GLANDS Salivary gland chromosomes in four species of Tropical Anophelines, Anopheles subpictus, A vagus, A hyrcanus nigerrimus and A barbirostris.	5682
ROOTS Effects of Pratylenchus penetrans on the nutrient level N, P, K, Ca, and Mg in roots and leaves of Ilex rotundifolia and Berberis julianae.	of 5797	SALIX Andrena of the Colorado front range: species of the typ subgenus on Salix (Hymenoptera: Apoidea).	pical 5863
Ccralloid root systems in plants showing lime-induced chlorosis.	5 80 4	SALMONELLA Case report: Salmonellae isolated from Greater Sandhill cranes (Grus candensis tabida) in New Mexico.	L 6008
Quantitative theory of nematcde-root relations.	5 89 1		
The effect of the replacement of concentrates by roots the intake and production of dairy cows.	on 6345	The transfer of antibodies from the mother cat to her newborn kittens.	6032
ROSA		Some nutritional aspects of experimental infection with salmonella pullorum.	a 6070
Confirmation of failure of rose mosaic virus to spread Virginia.	in 5801	The isolation of desoxycholate-sensitive strains of sal nella pullorum from chickens in a naturally infected fl	Lmo-
ROT CLOVER) Varietal resistance to clover rot in white			6201
clover. ROTENONE	5750	SALMONELLA BACTERINS The isolation of salmonellas from animal feedingstuffs.	6036
The infrared analysis of rotenone.	6390		0050
Spectrophotometric methods for rotenone.	6406	Occurrence and survival of Salmonella organisms in hatc chick fluff from commercial hatcheries.	her 6094
Modifications of the Knoerlein infrared method for rote		Adaptation of the use-dilution method to primary evalua of disinfectants.	
ROUND HEART DISEASE A report on round heart disease in Oregon chickens.	6063	SALMONELLOSIS Nihydrazone and the salmonella infections.	5946
ROUS SARCOMA VIRUS		Equine salmonellosis.	5960
Report of leukosis committee.	5967		
RIF infection in a commercial flock of chickens.	6074	Membrane filter method for the detection and enumeration of Salmonella in egg albumin.	6065
Isolation of noninfectious particles containing Rous sarcoma virus RNA from the medium of Rous sarcoma virus transformed nonproducer cells.	;- 6150	Experimental vaccination of pigs with avirulent rough strains of Salmonella cholerae suis.	6069
A simplified tissue-culture technique to detect Rous	3133	Salmonellosis in buffalo calwes following vaccination.	6129
sarcoma virus and its application in antibody assays.	6420	SALSOLA California department of agriculture contracts with air operators for beetleaf hopper control.	

SAMPLING (STATISTICS) The effect of various factors on surveys of predaceous insects in soybeans.	5856	SCUTACARIDAE A new genus and two new species of scutacarid mites (Acarina) phoretic upon bees.	543
SANTOBIN Assay for santonin in tablets.	6371	SEALS (ANIMALS) Pulmonary acariasis in a Tasmanian fur seal.	615
SAPROPHYTES Saprophytic behavior and survival of Phytophthora cinna in soil.	momi 5823	SEED GERMINATION The effectiveness of certain grain fumigant formulations II. Germination.	626
SARCOPHAGA Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenor tera: Sphecidae and Pompilidae).		Comparison of the effects of gibberellic acid and aflato in germinating seeds. SEED TREATMENT	635
SAUDI ARABIA A new phytophagous termite from Saudi Arabia.	5487	The effectiveness of certain grain fumigant formulations II. Germination.	6262
SCAEVA PYRASTI Biology studies of Macrosiphum avenae Pabr.), Acyrthos phon dirhodum Walker), and Rhopalosiphum padi L.) on	si-	SEPEDON RUPICEPS Biology of snail-killing flies from Africa and southern Spain Sciomyzidae0 Sepedon).	5636
Gramineae in western Oregon. SCALICIDES	5859	SEPEDON SCAPULARIS Biology of snail-killing flies from Africa and southern Spain Sciomyzidae0 Sepedon).	5636
Investigations of new scalicides for Florida citrus. Experimental materials to control citrus scale insects		SERODIAGNOSIS Serology in virus-disease diagnosis.	5835
Florida. SCARABABIDAE Larval systematics of the Troginae in North America wit	5595 :h	Studies on the infectious bronchitis virus of chickens i lated in Finland with reference to the serological surv of its occurrence.	
notes on biologies and life histories Coleoptera0 Scar baeidae.			6096
Insects of pine cones in Arkansas.	5838	SEROLOGICAL TESTS Investigation of an epidemic of St. Louis encephalitis i	
SCHILDIA Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	, a 5521	Danville, Kentucky, 1964. Evidence that tomato aspermy and cucumber mosaic viruses serologically unrelated.	5700 are 5793
SCHISTOCEPHALUS SOLIDUS Studies on Schistocephalus solidus. 4. the effect of to perature on growth and maturation in vitro.	em- 6247	Serological relationships of virus isolates from grapevi with different disease symptoms.	
SCHISTOCERCA GREGARIA Mating behavior of the big-headed grasshopper, Aulocara elliotti Orthoptera, Acrididae), under caged condition		The comparison of three serological tests for the detect of Mycoplasma gallisepticum infection in turkeys.	ion 5992
in the greenhouse and outdoors.	5613	Studies on the infectious bronchitis virus of chickens i lated in Finland with reference to the serological surv of its occurrence.	
Use of starch gel electrophoresis to illustrate inhibit of rabbit liver esterases by organophosphorus pesticide		Further serologic studies of brucellosis in white-tailed deer of the Southeastern U.S.	1 6037
SCIATIC ARTERY RUPTURE Aortic rupture in turkeys used in studies with Candida bicans.	al- 6180	Serological studies on Pasteurella multocida III. O antigenic analysis of cultures isolated from various animals.	6102
SCILLA NONSCRIPTA Suspected Scilla non-scripta bluebell) poisoning in cattle.	6335	Serological studies on Pasteurella multocida. I. A simplified method for capsule typing of the organism.	6103
SCIOMYZIDAE Biology of snail-killing flies from Africa and southern Spain SciomyzidaeO Sepedon).	ı 5636	Serological differentiation of normal and diseased Helmi thosporium victoriae.	n- 6394
SCLEROTINIA TRIFOLIORUM Varietal resistance to clover rot in white clover.	5750	SERRATOSPICULUM AMACULATA Five cases of Serratospiculum amaculata (Nematoda: Filar ioidea) infection in prairie falcons (Falco mexicanus).	5951
SCLEROTIUM Insect-fungus blister galls of Solidago and Aster.	5761	SERUM Use of molecular gel formation to prepare potato virus-X inocula for antisera. Contribution no. 229).	5825
SCOLYTIDAE Nematodes associated with the pine-bark beetle, Hylaste ater, in New Zealand.	s 5458	Interrelationships of magnesium, potassium and nitrogen hypomagnesemia.	in 5933
Insects of pine cones in Arkansas.	5838	The use of serum enzymes as diagnostic aids in the dog.	6046
SCOTLAND Swayback in south-east Scotland. I.Field aspects. II. Clinical, pathological, biochemical aspects.	5939	Isolation of the virus of infectious bovine rhinotrachei	
SCOURS An unorthodox approach to piglet scours.	6152	Research note. a comparison of serum dilution techniques the tube hemagglutination-inhibition (HI) test.	for 6147
An unorthodox approach to piglet scours.	6 16 7	Experimental evaluation of culture and serum vaccination the control of swine erysipelas. VIII. further observation serum potency with relation to immunization of weanli	ons

SERUM

SERUM GLUTAMIC-OXALOACETIC TRANSAMINASE (SGO-)	
pigs. 6161	Iron metabolism in owine fascioliasis. 6246
SERUM GLUTAMIC-OXALOACETIC TRANSAMINASE (SGO-) Serum transaminase activities in cats with hepatic necrosis. 6311	Polio-encephalomacia associated with myocardial degeneration in a group of housed sheep experimentally infected with Haemonchus contortus. 6252
SERUM GLUTAMIC-PYRUVIC TRANSAMINASE (SGP-T) Serum transaminase activities in cats with hepatic necrosis. 6311	Solanum elaeagnifolium, silver-leafed mightshade, poisoning in livestock. 6310
SESAMIA INFERENS	Nitrate in the diet in pregnant ewes. 6313
Distribution and bionomics of natural enemies of rice stem, borers, research on the natural enemies of rice stem borers. 5886	SHELLFISH Collaborative studies of the chemical assay for paralytic shellfish poison. 6325
SEX BEHAVIOR Laboratory observations on the life history and habits of Dermatobia hominis Diptera, Cuterebridae). i. mating behavior. 5582	SHIPPING FEVER Attempt at transmission of shipping fever. 6013
Mating behavior of the big-headed grasshopper, Aulocara elliotti Orthoptera, Acrididae), under caged conditions in the greenhouse and outdoors. 5613	SIEVES The movement of Pratylenchus penetrans in relation to soil moisture content and aggregate size obtained by dry sieving. 5807
Laboratory mating studies of the corn earworm, Heliothis zea Lepidoptera, Noctuidae).	SILAGE A comparison of hay and silage for milk production. 5907
A characteristic indicating the mating status of male fall armyworm moths.	SILICIC ACID One-step chromatographic cleanup of chlorinated hydrocarbon pesticide residues in butterfat. I.Chromatography on
Feeding, mating, and oviposition studies of the horse flies Tabanus lineola and T fuscicostatus Diptera, Tabani-	silicic acid. 6300
dae). 5676	The chromatographic separation of pesticides on silicic acid* 6369
SEX DETERMINATION Sexing first instar cockroaches (Orthoptera: Blattidae). 5510	SILVER NITRATE The effect of ultraviolet light (2537 A) on 141 pesticide chemicals by paper chromatography. 6402
SHANNOMYIOLEPTUS Generic and subfamily changes, new synonymy, new names, a new species, and notes on Asilidae (Diptera). 5521	SIMULIIDAE Observations on the dry-season survival of Simulium damnosum theo. in Ghana. 5519
SHEEP Changes in serum transaminase activities associated with plant and mineral toxicity in sheep and cattle. 5961	Effects on aquatic insects of forest spraying with phosphamidon in New Brunswick. 5615
The prevalence of leptospiral antibodies in sera from sheep in illinois. 5975	Effects of forest spraying with DDT on aquatic insects of salmon streams in New Brunswick.
The disintegration of sheep dung and the pre-parasitic stages of Trichostrongylids. 5977	The ornithophilic black fly Simulium meridionale Riley (Diptera: Simuliidae) feeding on man during autumn. 5691
Chronic poisoning of sheep and goats by lead. 5986	SINUSITIS
The pathogenisis of ovine pneumonia.III. PLACENTAL infection by pneumonitis virus. 5994	Treatment of infectious sinusitis in turkeys with tylosin tartrate. 6112
The role of copper in the pathogenesis of subacute and chronic lupinosis of sheep. 6015	PPLO other than Mycoplasma gallisepticum associated with turkey sinus and air sac lesions. 6200 SIPHONAPTERA
Ipomoea muelleri intoxication of sheep in Western Australia. 6016	The jump of the flea. a study of the energetics and a model of the mechanism. 5437
The comparative anthelmintic efficiency of hexachlorophene, Bayer 9015 and subcutaneous carbon tetrachloride in an outbreak of subacute fasciolcsis in sheep. 6031	SIREX NOCTILIO Parasitic and free-living cycles in entomogenous nematodes of the genus Deladenus. 5584
Cytomegalic inclusionbody disease in sheep. A report of two cases. $$\tt A$$	SITOPHILUS Recognition and duration of larval instars of the rice weevil and the granary weevil. 5563
Nutritional deficiencies. 6052	Sexual maturity of the rice weevil, Sitophilus oryzae (L.)
Glucose biokinetics in ovine pregnancy toxemia. 6067	as indicated by sperm transfer and viable eggs. 5663
Some investigations into the tolerance of menichlopholan 2,2:-dihydroxy-3,3:-dinitro-5,5:-dichlordiphenyl or #Bilevon-M#) in sheep when used for treatment of fascio-	Variations in size and weight of three geographical populations of rice weevil complex. 5879
liasis under practical conditions. 6068 The activity of dipping fluids in the treatment and	The effectiveness of certain grain fumigant formulations. 1. Dosage mortality. 6261
prevention of mycotic dermatitis in sheep. 6071	SKELETAL LESIONS Skeletal lesions in experimental copper-deficiency in
Immunoglobulins in sheep. 6117	chickens. 5972
Neoplasms of the olfactory mucous membrane of sheep. 6204	SMERYNOLAPHRIA Generic and subfamily changes, new synonymy, new names, a
The control of heminthiasis in ruminants. 6219	new species, and notes on Asilidae (Diptera). 5521
The ecology of the free-living stages of Trichostrongylus cclubriformis. 6228	

SOLOMON ISLANDS SMITHISTRUMA FILITALPA centrations of three soil fungicides. 5781 5533 The ecology of ants of strip-mine spoil banks. Studies on the control of vascular wilt diseases of cotton by fungi associated with the cotton plant. $$58\,$ Some semiquantitative gas chromatographic studies on the organic acids of tobacco and its smoke. 6405 The effect of soil fungi and root-knot nematodes on the growth of white clover in field bins. SNAILS Biology of snail-killing flies from Africa and southern Spain SciomyzidaeO Sepedon). OIL HORIZONS Environmental factors related to medusahead distribution. 5898 5636 Etiology of a disease syndrome in the giant African snail Achatina fulica Bowdich. 5 SOIL MOISTURE The movement of Pratylenchus penetrans in relation to soil moisture content and aggregate size obtained by dry sieving Research into the nidality of Leptospira ballur in campestral hosts including the hog-nosed snake (Heterodon Environmental factors related to medusahead distribution.
5898 platyrhinus) . 6002 Experimental ulcerative stomatitis in king snakes. 6116 Crop and weed response to varying levels of mineral nutri-Tumors and tumor-like lesions of snakes. 6338 ents and moisture stress. SOIL PROFILES Nature and quantities of materials leached from victorin-Environmental factors related to medusahead distribution. treated tissues. DIUM BIPHENYL
Report on analytical methods for pesticide formulations.
6385 Influence of chelating agents on the concentration of some nutrients for plants growing in soil under acid and under alkaline conditions. SODIUM HYPOCHLORITE DIUM HYFOCHLORITE
Report on analytical methods for pesticide formulations.
6385 Some effects of different soils on composition and growth of SODIUM TODIDE The influence of soil type on the effectiveness of single dressings of magnesia in raising pasture magnesia content and in controlling hypomagnesia. 6Measurements of non-ionic lodine in the misk of carry following oral administration of labelled sodium iodide.

5921 Measurements of non-ionic iodine in the milk of dairy Effects of soil type, moisture level, and temperature on larval and pupal stages of the common cattle grub, Hypoder-SODIUM SULPATE The effect of sodium sulfate on blood levels of oxytetracycline in birds. 6118 ma lineatum. 6216 SODIUM SULFIDE SOIL STRUCTURE Determination of thiram in ferbam. 6397 Soil metabolism. 6359 SODIUM TETRAPHENYLBORON IIIS Effect of host crop on soil populations of several Praty-5783 Further study of the sodium tetraphenyl boron method for potassium in fertilizers. 6378 lenchus species. SODIUM TRICHLOROACETATE Effects of soil temperature and moisture on Tylenchulus Herbicides, sodium trichloroacetate and dalapon. semipenitrans. 6384 SOIL ARRATION Effect of soil moisture on Xiphinema americanum in absence Soil metabolism. 6359 of host plants. IL ATR Environmental factors related to medusahead distribution. 5898 Effect of organic soil amendments on nematode populations. 5893 Soil metabolism. 6359 SOIL BIOLOGY Nature of response of zoospores of Phytophthora parasitica to soil fungistasis. 58 Analytical studies on solanesol-like substances in tobacco. Saprophytic behavior and survival of Phytophthora cinnamomi Biology of the eggplant tortoise beetle (Coleoptera: Chrysomelidae). SOIL CATION EXCHANGE 5876 Potassium-magnesium antagonism in soils and crops. 5740 SOLANUM ELAEAGNIFOLIUM Solanum elaeagnifolium, silver-leafed nightshade, poisoning in livestock. 631 SOIL CHEMISTRY Soil metabolism. 6359 SOIL PERTILITY SOLENOPSIS A synecological study of the effects of the imported fire ant eradication program II. light trap, soil sample, litter Distribution of major and trace elements in some common pasture species. sample and sweep net methods of collecting. Soil and herbage potassium levels in relation to yield. Insect-fungus blister galls of Solidago and Aster. 5761 SOIL PUBLICATION Increase in nitrogenous compounds in soil following soil SOLIERELLA fumigation. Notes on the biology of Philanthus bicinctus (Hymenoptera: Sphecidae). 5843 SOIL PUNGI II FUNGI Antagonistic effects of some soil fungi on Verticillium sp. 5767

SOLOMON ISLANDS

New bat chiggers from Thailand and the Solomon Islands with notes on the subgenus Sasatronbicula Vercammen-

Grandjean (Acarina: Trombiculidae).

isolated from maple trees.

Adapted tolerance of Rhizoctcnia solani to increased con-

S	0	L	P	Ū	G	Ι	D	I
---	---	---	---	---	---	---	---	---

SOLPUGIDA Basic behavior of North American Solpugida.	5646	SPHECIDAE Some biological observations on Philanthus politus pacificus Cresson (Hymenoptera: Sphecidae).	5541
SOLUTES Effects of solutes on the polymerization of TMV protein	5831	SPHECODES Notes on the biology of Philanthus bicinctus (Hymenopte Sphecidae).	
SOLVENTS AOAC-AOCS crude fiber liaison committee. Third interim report.	6388	SPIDERS The spinnerts and epiandrous glands of spiders.	5640
SOMAPHANTUS KINGI A new species of Somaphantus MenoponidaeO Mallophaga) from Thailand.	5465	SPILOCHALCIS Biology of the eggplant tortoise beetle (Coleoptera: Chrysomelidae).	58 7 6
SORGHUM Notes on the biology and behavior of Heliothis zea (Boddie) on grain sorghum.	5592	SPILOGRAPHA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera).	5474
Variations in size and weight of three geographical populations of rice weevil complex.	5879	SPINACH Determination of leaf-miner maggots in spinach.	6332
The insect infestation of sorghum stored in granaries in northern Nigeria.	in 6260	SPIROCHETOSIS A study of the carrier state of avian spirochetosis in	
SOUTH AMERICA Two new genera of halictine bees from the Araucanian sugion of South America (Hymencptera: Apoidea).	bre- 5530	chicken. SPIRONOLACTONE Effects of spironolactone on laying pullets.	5991 6099
SOUTH AMERICAN TRYPANOSOMIASIS Epizootiology of Trypanosoma cruzi in southwestern Nort America. iXO An investigation to determine the incidence of Trypanosomi cruzi infections in Triatominae and man the Yucatan Peninsula of Mexico.	e	SPODOPTERA PROGIPERDA A characteristic indicating the mating status of male farmyworm moths.	fall 5665
SOUTHWESTERN UNITED STATES Descriptions of some new Cerambycidae from Mexico and Southwestern United States (Coleoptera).	5452	Resistance in corn to the corn earworm, Heliothis zea, the fall armyworm, Spodoptera frugiperda Lepidoptera, Noctuidae). i. larval feeding responses to corn plant extracts.	and 5866
Killing Texas screw worms from the air.	6207	Resistance in corn to the corn earworm, Heliothis zea, the fall armyworm, Spodoptera frugiperda Lepidoptera,	and
SOYBEANS Performance of soybean strains modified by backcrossing some simply inherited characteristics.	for 5756	Noctuidae). iII. use of plant parts of inbred corn line by the larvae.	5880
Reduction of symptoms associated with high-phosphorus I in soybeans by Amo-1618.	levels 5779	SPORE GERMINATION Metabolic aspects of spore germination in fungi.	5751
Effect of host crop on soil populations of several Pratlenchus species.	5783	Inducing sporulation in different strains of Alternaria solani. iI. effect of ultraviolet light.	a 6366
The effect of various factors on surveys of predaceous insects in soybeans.	5856	SPORES Downward movement of conidia of Ceratocystis ulmi from minal twigs of elm.	ter- 5764
Aberrations of the nucleic acid metabolism of plants in by 4-amino-3,5,6-trichloropicolinic acid.	duced 5905	Influence of substitution and molecular conformation on uptake of s-triazines by fungus spores.	the 5765
SPANOGONICUS Spanogonicus albofasciatus as an insect and mite predat (Bemiptera: Miridae).	tor 5847	SPORIDIA Compatibility relationships in Tilletia contraversa as dicated by fusions between primary sporidia.	in- 5809
SPARTEINE Alkaloids of Lupinus westianus Small.	6362	SPRAYING Effects on aguatic insects of forest spraying with phos midon in New Brunswick.	spha- 56 1 5
SPASMS Methocarbamol in the control of severe skeletal muscle spasms in small animals.	6314	Effects of forest spraying with DDT on aquatic insects salmon streams in New Brunswick.	of 5628
SPECTROMETRY Analysis of foods for cesium-137.	6269	Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon.	n 5634
SPECTROPHOTOMETRY Determination of horse meat in cooked meat products.	5917	Low-volume spraying.	5786
Analytical studies on solanesol-like substances in toba		Effects on wild young salmon of spraying DDT over New Brunswick forests.	6267
Infrared determination of endrin residues.	6282	SPRAYING EQUIPMENT The permanent war on the mosquito.	5708
Colorimetric determination of residues of the dithiolar insecticides in cottonseed and on cotton foliage.	ne 63 7 2	I fly by night.	5727
Spectrophotometric determination of maleic hydrazide in tobaccos.	6386	Advantages of fixed-wing and rotary-wing aircraft in ag- cultural aerial application - a symposium - The rotary- story The fixed-wing story.	gri- -wing 5731
Spectrophotometric methods for rotenone.	6406	New spray equipment minimizes drift problem.	6419
Determination of furfural in distilled spirits.	6408	Low volume spinning pesticide nozzle.	6436

SQUIRRELS A new malarial parasite of the flying sguirrel.	6225	Thiram residues in tomatoes, strawberries and celeries.	
ST. LOUIS ENCEPHALITIS			6290
St. Louis encephalitis in Memphis, tennessee, 1964.	5714	Application of 4-(p-nitrobenzyl)pyridine as a rapid quan tative reagent for organophosphate pesticides.	6381
Investigation of an epidemic of St. Louis encephalitis Danville, Kentucky, 1964.	in 5706	STREAMS Effects on aquatic insects of forest spraying with phosp midon in New Brunswick.	ha- 5615
STAGOMOSPORA Notes on Wisconsin parasitic fungi. xXXII .	5791	Effects of forest spraying with DDT on aguatic insects of salmon streams in New Brunswick.	of 5628
STAPHYLOCOCCUS The effect of udder infections on the lactation yield of milk and milk solids.	of 6239	Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon.	5634
Adaptation of the use-dilution method to primary evalue of disinfectants.	ations 6328	Effects on wild young salmon of spraying DDT over New Brunswick forests.	6267
STAPHYLOCOCCUS AUREUS Gangrenous dermatitis of chickens.	6010	STREPSIPTERA Distribution of two Strepsiptera in Florida0 1960-1962.	5523
A study of the comparative pathology of experimental in tious synovitis and staphylococcal arthritis in chicker		STREPTOCOCCUS Streptococcus agalactiae Reinfection and eradication in commercial herd.	
TABLINGS The effect of cobalt-60 on starlings (Sturnus vulgaris garis.	vul- 6017	STREPTOMYCES Fungistatic and fungicidal effects on Streptomyces rimos on some soil-inhabiting pathogenic fungi in vitro.	sus 5770
An effect of some cod liver oils in feed on lymphocytol cidence.	ma in- 6174	Observations on pathogenicity of Streptomyces scabies on tubers produced in vitro.	6353
STEM RUST (WREAT) Effects of infection by the stem rnst fungus on the vi- b6, niacin, and pantothenic acid content of wheat plan-		STREPTOMYCIN Effect of selected fungicides and antibiotics on Kanthom nas malvacearum in vitro.	1 0- 5 74 8
STEMS Stem elongation.	6361	STREPTOTRICHOSIS Equine dermatitis (cutaneous streptothricosis) infection with dermatophilus in the United States.	1 5945
STENAMMA MERIDONALE The ecology of ants of strip-mine spoil banks.	5533	STRIGIFORMES The species of Colpocephalum (Mallophaga: Menoponidae) Known to occur on the Strigiformes.	5544
STENODYNERUS Notes on the biology of Philanthus bicinctus (Hymenopto Sphecidae). STERILITY A study of infectious hybrid sterility in Drosophila pa	5843 anli-	SUCCINIC ACID, 2,2-DIMETHYLHYDRAZIDE Effects of B-Nine and Cycocel on some anatomical, chemical, and physical factors influencing leaf color and stepstrength of Chrysanthemum morifolium L. cv. Criterion and Euphorbia pulcherrima Willd. cv. Elisabeth Ecke.	e m
storum. Infertility in farm animals in Britain.	5683 6006	SUCROSE Storage of hay. IV. effect of storage in nitrogen on the	
STIPA Insects collected on Wyoming rangeland in connection wingrasshopper-egg sampling.	ith 5864	soluble sugar and dry matter contents of ryegrass. Effects of solutes on the polymerization of TMV protein.	5734
Veromessor lobognathus: third note (Hymenoptera:	3004	Report on dairy products.	6288
Pormicidae).	5885	SUGAR	
BIOLOGY of the eggplant tortoise beetle (Coleoptera: Chrysomelidae).	5876	Microbiological standards for sugar. SUGAR BEETS Some effects of different soils on composition and growt	6264 h of
STOCKYARDS Dainty dogies in phoenix.	5914	sugar beet. California department of agriculture contracts with airc	5726
STOLIDOSOMINAE A revision of the snbfamily Stolidosominae Diptera, Dolichopodidae).	5550	operators for beetleaf hopper control.	5848
STONATITIS Experimental ulcerative stomatitis in king snakes.	6116	Cross-protection experiments with sugarcane mosaic virus (SMV)	5747
STORAGE DISEASES	0110	Studies on the disease cycle of Cytospora sacchari.	5784
Some laboratory observations on the rates of developmer mortality and oviposition of several species of Bruchic breeding in stored pulses.		The biological control of sugarcane borers in Taiwan, 1948-1966.	5852
Deterioration of stored grains by fungi.	6256	SULFAQUINOXALINE Synergistic action of sulphaguinoxaline and 2-amino-4-	
The insect infestation of sorghum stored in granaries incrthern Nigeria.		dimethylamino-5-(4-chlorophenyl)-6-ethylpyrimidine in ca	ecal 5937
		SULFONAMIDES Persistent diarrhea in colts associated with Aspergillus fumigatus.	6080

SULPONAMIDES

SULFHENO	NE
----------	----

Medicated feeds experiments with a mixture of antibiot and sulfamides for the control of the weaning diseases the baby pig.		disease and its association with hemolytic escherichia o	6145
SULFHENONE Netals, other elements, and residues in foods.	6304	A viral encephacomyelitis of pigs, furthur studies on the transmittability of the disease in Ontario.	6146
SUMMARY		Effects of a standardized senna preparation given to pig A preliminary report.	gs: 615
Resume of the seventh annual meeting american association avian pathologists. chicago, ill. july 20, 1964.	5926	Experimental evaluation of culture and serum vaccination the control of swine erysipelas VI. VACCINATION of wean	ling
SUMFLOWERS Ecology of the maize weevil, Sitophilus zeamais Motsch sky), relative to flight habits, attraction to sunflowe and two hymenopterous parasites.		pigs farrowed by susceptible and immune dams. Experimental evaluation of culture and serum vaccination the control of swine erysipelas. VIII. further observations	ions
SUPPELLA Sexing first instar cockroaches (Orthoptera: Blattidae)		on serum potency with relation to immunization of weanli pigs.	616
	5510	An unorthodox approach to piglet scours.	616
SURFACE-ACTIVE AGENTS Selective toxicants and toxicant-surfactant combination for leafminer, Liriomyza munda Frick, control and paras	ite	Certification of swine herds as virus pneumonia-free.	620
survival.	5677	Efficacy of cyanacethydrazide agent against swine lungworms.	622
Spastic lameness of the hindlimbs of an Aberdeen Angus heifer.	6339	Variation in zinc content and other properties of various porcine muscles.	625
SURVEYS Bredin-Archbold-Smithsonian biological survey of Dominica. 4. two new species of Tiphia from the West Indies		The cause of alimentary toxemia in chickens, toxic fateffect on swine performance.	its 633
HymenopteraO Tiphiidae). Status of Aedes aegypti in the eastern Mediterranean.		SYMBIOSIS Detection, identification and control of Poria carbonica and other fungi in Douglas fir poles.	a 6259
		SYMPHYTA	
Studies on the infectious bronchitis virus of chickens lated in Finland with reference to the serological sur of its occurrence.	v ey 5999	Notes on the taxonomy of the fossil Xyelidae (Hymenopter Symphyta.	5443
ACAC-ACCS crude fiber liaison committee. Third interim report.	6388	SYMPOLEMON New species and new records of Pygostenini from Liberta. Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	550
SVASTRA Records of the genus Svastra in North America with the description of a new species (Hymenoptera: Apidae).	5506	SYMPOSIA Symposium on poultry viruses.	592
SWAINSONA Control of swainsonpea, Swainsona salsula.	5910	Report of leukosis committee.	596
SWAINSONPEA Control of swainsonpea, Swainsona salsula.		SYNGAMUS TRACHEA Hemogram of turkey poults experimentally infected with syngamus trachea.	6054
SWAYBACK		Removal of Syngamus trachea, gapeworm, from pheasants wi	ith
Swayback in south-east Scotland. I.Field aspects. II. Clinical, pathological, biochemical aspects.	5939	subcutaneously injected Disophenol.	623
Further observations on swayback. I.Transitional pathol	ogy. 5940	A micro syringe for laboratory grain fumigation.	5424
Further observations on swayback.II. HISTOCHEMICAL localization of cytochrome oxidase activity in the cent nervous system.		The nature of the widespectrum antibiotic produced by pa genic strains of Pseudomonas syringae and its role in the bacterial canker disease of Prunus persicae.	
SWINE Production and fermentation cf lactate by bacteria in t		SYSPHINCTA PERGANDEI The ecology of ants of strip-mine spoil banks.	5533
alimentary canal of the horse and pig.	5929	SYSTROPUS	
Botulism in pigs.	5943	A review of the subfamily Systropinae (Diptera: Bombylii dae) in North America.	5537
Studies on enterovirus of swine. Isolation in tissue culture of a strain (FS55) of the teschen group of viru	ses. 5974	TABANUS FUSCICOSTATUS Feeding, mating, and oviposition studies of the horse fl	lies
Animal leptospirosis in the British Isles,.	5983	Tabanus lineola and T fuscicostatus Diptera, Tabanidae).	5676
Experimental vaccination of pigs with avirulent rough strains of Salmonella cholerae suis.	6069	TABANUS LINEOLA Feeding, mating, and oviposition studies of the horse fl Tabanus lineals and T fuscionstatus Dintora Tabani-	lies
Brain lesions and viremia studies in swife infected wit cholera virus of low pathogenicity.	6085	Tabanus lineola and T fuscicostatus Diptera, Tabani- dae). TACHINIDAE	5676
True and pseudohermaphroditism in a swine herd.	6126	Insects of pine comes in Arkansas.	5838
Medicated feeds experiments with a mixture of antibiot and sulfamides for the control of the weaning diseases the baby pig.		North American Tachinidae (Diptera).	6140
Coliform enteritis of weaned pigs A description of the			
PAGE 124			

TAIWAN A study of the genus Micronecta of India, Japan, Taiwan and adjacent regions (Heteroptera: Corixidae).	5455	TENEBRIO Correcting behavior by insects on vertical and horizon mazes.	tal 5580
The genus Laelaps (acarina: laelapidae) in Taiwan. Mosquitoes of taiwan: genus to Toxorhynchites theobald.	5498	TENEBRIO MOLITOR Mortality and internal heating in radiofrequency-treated larvae of Tenebrio molitor.	i 5629
The biological control of sugarcane borers in Taiwan,	5513	Morphological abnormalities resulting from radiofrequence treatment of larvae of Tenebrio molitor.	
1948-1966. TARACTICUS Generic and subfamily changes, new synonymy, new names, new species, and notes on Asilidae (Diptera).	5852 a 5521	TENEBRIONIDAE Laboratory studies on dispersion behavior of adult beetlin grain. VII. the effect of isolated pockets of damp moldy grain on Tribolium castaneum (hbst.) (coleoptera,	and
TARASSOPHORUS North American Tachinidae (Diptera).	6 14 0	tenebrionidae). TEPHRITIDAE Notes on the genus Euleia walker in North America	6263
TAXODIACEAE Observations on the larval habits of some Callidiini wi special reference to Callidiellum cupressi (Van Dyke) (Coleoptera: Cerambycidae).	th 5851	(Diptera: Tephritidae). TEPHRITIS A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana:	5473
TAXONOMY Report of the committee on reporting of diseases and terminology.	5987	(Diptera). The genus Tephritislatrielle in the nearctic region nort of Mexico: descriptions of four new species and notes on	
TDE Collaborative study of certain chlorinated organic pesticides in dairy products.	6298	others (Diptera: Tephritidae). Notes on the Walker types of New World Tephritidae (Diptera).	5475 5476
Metals, other elements, and residues in foods. The quantitative analyses of microgram quantities of	6304	TEREPHTHALIC ACID Chlortetracycline and oxytetracycline residues in poultr	
mixtures of DDD and p,p DDT TEATS	6327	tissues and eggs. Interrelationships between antibiotics and terephthalic	
A study of the effects of hormones and vitamin A on bov teat canal in organ culture. TEETH	6137	in diets for laying hens. TERMITES A new phytophagous termite from Saudi Arabia.	5487
Odontoma associated with an undifferentiated carcinoma the maxilla of a dog.	in 5957	TESCHEN DISEASE A viral encephacomyelitis of pigs, furthur studies on th	
TELEOGRYLLUS COMMODUS The influence of diapause on the resistance to desiccat of eggs of Teleogryllus commodus Walk.) Orthoptera, Gryllidae).	ion 5623	transmittability of the disease in Ontario. TESCHEN DISEASE VIRUS Studies on enterovirus of swine. Isolation in tissue culture of a strain (FS55) of the teschen group of virus	6146
TELEONEMIA A new lacebug from Haiti (Hemiptera: Tingidae).	5855	TESTES	5974
TELEONEMIA SCRUPULOSA The entomological control of weeds in Australia.	5912	Correlation of testis development with external growth i the Madeira cockroach (Orthoptera: Blattidae).	in 5586
TEMPERATURE Effect of temperature and humidity on Trogoderma anthrenoides (sharp) (coleoptera, dermestidae) and	5445	TETANY Hypomagnesaemia in sheep- some inconsistencies. TETRACHLOROISOPHTHALONITRILE	6040
comparisons with related species. Temperature and the action of DDT on the cockroach nerv system.		Control of late blight of potatoes. TETRACYCLINE	5746
remperature effects on the immature stages of Hippelate pusiO, H. bishoppi, and H. pallipes Diptera, Chloropidae).	s 5632	Experiences of infectious synovitis in broiler breeding stock and broiler chickens, with particular reference to natural spread of the disease.	the 6041
The effect of temperature on the development of two spe of oribatid mites Acarina Oribatei).	cies 5635	TETRANYCHUS Spanogonicus albofasciatus as an insect and mite predato (Hemiptera: Miridae).	5847
The effect of temperature on crossvein formation in croveinless-like strains of Drosophila melanogaster Meige		TETRAOPES Correcting behavior by insects on vertical and horizon mazes.	tal 5580
Temperature as a factor in the control of tomato root k with oat straw.	not 5806	TETRASTICHUS Biology of the eggplant tortoise beetle (Coleoptera: Chrysomelidae).	5876
Tolerance of Pseudomonas glycinea to freezing temperatu Effects of soil temperature and moisture on Tylenchulus semipenitrans.	5810	TETREUARESTA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana:	54 74
Effect of ventilation rate on the response of chicks inoculated with infectious bronchitis virus and housed 49 degrees F.		TEXAS A new species of Physconelloides (Mallophaga) from Texas	
Nitrogen activity index of urea-formaldehyde compounds.	6377		6207

THAILAND		
THATLAND New bat chiggers from Thailand and the Solomon Island with notes on the subgenus Sasatrombicula Vercammen- Grandjean (Acarina: Trombiculidae).	5534	A simplified tissue-culture technique to detect Rous sarcoma virus and its application in antibody assays. 6420
THAILIUM Thallium intoxication in dogs.	6323	TISSUES A mechanism of induced host resistance to polygalacturonase in Rhizoctonia-infected tissue. 5760
THANISIMUS Observations on the clerid predation of the Southern pibeetle.	ne 5858	Cellulolytic activity of monobasidiospore and tissue isolates of Fomes annosus.
THIOUREA Effects of solutes on the polymerization of TMV protein	5831	Determination of methiotriazamine and bithionol in poultry tissues and of methiotriazamine in feed. 6324
THIBAM Thiram residues in tomatoes, strawberries and celeries.		Nature and quantities of materials leached from victorin- treated tissues. 6344
Initam residues in comatoes, strawperites and cereires.	6290	TOBACCO Mole cricket control in shade tobacco plant beds. 5669
Metals, other elements, and residues in foods.	6304	Poport of subconsisting a serious delice of metanogen
Report on fungicides, fumigants and miscellaneous.	6305	Report of subcommittee a on recommendations of referees. 5733
Determination of thiram in ferbam.	6397	Taters get copter treatment: lower cost, better protection with aerial application for New England potato crops.
THRIPIDAE Redescriptions of Anaphothrips orchidaceus and A. orchi arum ThysanopteraOThripidae).	.de - 5556	5739 Cytopathology of tobacco necrosis virus infection in tobacco leaves. 5802
THURICIDE Problems of microbial control in Japan.	5842	Tobacco necrosis virus and its satellite virus. 5808
The development and use of microbial insecticides conta	ining 6318	Plant virus inclusions. 5821
entomogenous bacteria and viruses.	0318	Serology in virus-disease diagnosis. 5835
THYMIDINE, H-3-, H-3-thymidine radioautographic study of spermatogenesis the boll-weevil, Anthonomus grandis Coleoptera, Curcul onidae).		Parasitism of tobacco callus and Kentucky bluegrass by Aphelenchus avenae. 5887
onidae, .	3000	Analytical studies on solanesol-like substances in tobacco.
TILLETIA Compatibility relationships in Tilletia contraversa as dicated by fusions between primary sporidia.	in- 5809	6272 Elution column preparation of leaf sample for flame photometry. I. Determination of potassium in tobacco.
TIMBER Practical control of stump surface infection by Fomes annosus in slash pine.	5778	6312 Determination of petroleum ether extracts in tobacco.
TIN-SAN Effect of selected fungicides and antibiotics on Xantho nas malvacearum in vitro.	ошо- 5748	6341 Spectrophotometric determination of maleic hydrazide in tobaccos. 6386
TIPHIA Bredin-Archbold-Smithsonian biological survey of Dominica. 4. two new species of Tiphia from the West Indies		Some semiquantitative gas chromatographic studies on the organic acids of tobacco and its smoke. 6405
Hymenoptera0 Tiphiidae). TIPULIDAE	5429	TOCOPHERYL D, ALPHA- Fight additional cases of pansteatitis (yellow fat) in cats fed canned red tuna. 6316
New species of crane-flies from tropical America (Dipte Tipulidae). I.	era: 5427	TOMATOES Biology of the Drosophilia with reference to tomato contam-
Type specimens of North American Tipulidae (Diptera) described by Francis Walker.	5447	ination. 5456
Effects on aquatic insects of forest spraying with phos midon in New Brunswick.	spha- 5615	In vivo selection of biotypes of Cephalosporium inhibitory to the development of tomato and cotton Fusarium wilt symptoms. 5753
TISSUE COLTURE Adaptation and modification of a strain of canine distevirus in tissue culture.	mper 5954	Relation of nutrition to Cladosporium leaf mold development in tomato. 5790
Studies on enterovirus of swine. Isolation in tissue culture of a strain (FS55) of the teschen group of viru		Evidence that tomato aspermy and cucumber mosaic viruses are serologically unrelated. 5793
Attenuation of virus diarrhea virus (strain Oregon C24v	5974	Temperature as a factor in the control of tomato root knot with oat straw. 5806
for vaccine purposes.	5982	Studies of hyphal morphogenesis, pathogenicity, and toxin production of Alternaria solani. 5812
Studies on a tissue-culture-modified infectious laryngotraceitis virus.	6018	California department of agriculture contracts with aircraft operators for beetleaf hopper control. 5848
Characteristics of avian Mycoplasma (PPLO) in tissue cultures of human and avian cells.	6026	Thiram residues in tomatoes, strawberries and celeries.
Pathogenesis and cytochemistry of virus-induced nuclear clusion bodies.	in- 6141	TORTRICIDS Two tortricids and their parasites in Arkansas. 5679
Cytopathologic changes in tissue culture infected with laryngotracheitis virus.	avian 6191	110 COLUMN CHELL PARABLES IN ALMANDAS. 3077

OXAPHENE		the Yucatan Peninsula of Mexico.	5699
Resistance to BHC in the cattle tick Boophilus microplu			
(can.) in india.	6222	TRIATOMA NITIDA Epizootiology of Trypanosoma cruzi in southwestern Nort	
Metals, other elements, and residues in foods.	6304	America. iXO An investigation to determine the incidenc of Trypanosomi cruzi infections in Triatominae and man	
OXICITY		the Yucatan Peninsula of Mexico.	5699
Chronic poisoning of sheep and goats by lead.	5986	TRIATOMINAE	
The role of copper in the pathogenesis of subacute and chronic lupinosis of sheep. $ \\$	6015	Epizootiology of Trypanosoma cruzi in southwestern Nort America.	5553
OXICOLOGY Aluminum in soils and plants on the coastlands of briti guiana.	sh 5728	Epizootiology of Trypanosoma cruzi in southwestern Nort America.part I. new collection records and hosts for Trypanosoma cruzi Chagas (Kinetoplastida:Trypanosomidae (Hemiptera:Triatominae).	
Changes in serum transaminase activities associated wit plant and mineral toxicity in sheep and cattle.	ь 5961	Epizootiology of Trypanosoma cruzi in southwestern Nort	:h
Federal control of pesticides.	6329	America. iXO An investigation to determine the incidenc of Trypanosomi cruzi infections in Triatominae and man the Yucatan Peninsula of Mexico.	
OXINS			
Studies of hyphal morphogenesis, pathogenicity, and tox production of Alternaria solani.	5812	TRIAZINE HERBICIDES Gas chromatographic determination of small vapor pressures determination of the vapor pressures of some triazine	
Studies on the control of vascular wilt diseases of cot by fungi associated with the cotton plant.	ton 5824	herbicides. TRIBOLIUM	6379
Infectious bovine keratoconjunctivitis. III. Demonstrat of toxins in Moraxella (hemophilus) bovis cultures.	ion 6043	The effectiveness of certain grain fumigant formulation I. Dosage mortality.	6261
The nature of the widespectrum antibiotic produced by p genic strains of Pseudomonas syringae and its role in t bacterial canker disease of Prunus persicae.		Laboratory studies on dispersion behavior of adult beet in grain. VII. the effect of isolated pockets of damp moldy grain on Tribolium castaneum (hbst.) (coleoptera, tenebrionidae).	and
OXOCARA CANIS Antigenic analysis of a Metazoan parasite, Toxocara can	is.	TRIBOLIUM CONFUSUM	
I. extraction and assay of antigens.	6231	Exposure of Tribolium confusum to Thio-TEPA and its effect upon development of Hymenolepis diminuta cysticer-coids.	
Notes on the prey and nesting behavior of some solitary wasps of Mexico and southwestern United States (Hymenoptera: Sphecidae and Pomṛilidae).		TRICHLORPON Systemic insecticides for the control of cattle grubs, Hypoderma lineatum DeVillers) and Hypoderma bovis	
RADESCANTIA Radiation-induced somatic mutations and the loss of reproductive integrity in Tradescantia stamen hairs.	6357	Use of starch gel electrophoresis to illustrate inhibit	
RADESCANTIA BLOSSFELDIANA Radiation-induced loss of reproductive integrity in the		of rabbit liver esterases by organophosphorus pesticide	6326
stamen hairs of Tradescantia blossfeldiana Mildbr a twelve-ploid species.	6351	TRICHLORO-PHENOXYACETIC ACID, 2,4,5- Control of swainsonpea, Swainsona salsula.	5910
RANSPLARTING A restraining table for implantation and transplantatio experiments on mosquitoes.	n 6416	TRICHLOROBENZOIC ACID, 2,3,6- Determination of herbicides in oils.	6414
		TRICHLOROMETHANE	
REEE DISEASES Observations on the larval habits of some Callidiini wi special reference to Callidiellum cupressi (Van Dyke)	th	The effectiveness of certain grain fumigant formulation I. Dosage mortality.	6261
(Coleoptera: Cerambycidae).	5851	The effectiveness of certain grain fumigant formulation II. Germination.	6262
The corpus cardiacum as a metabolic regulator in Blaber discoidalis Serville Blattidae).	us 5633	TRICHLOROPHENOXYACETIC ACID Separation and identification of chlorinated organic pesticides by parer chromatography. XII. The two herbicides, 2,4-d and 2,4,5-t.	6403
Studies on the helminth parasites of the herring gull, Larus argentatus Pontopp, in northernCaernarvonshire and Anglesey.	6248	TRICHLOROPHENOXYACETIC ACID, 2,4,5- Control of timber milkvetch, Astragalus miser, and effe on associated vegetation.	
RIALFURODES Spanogonicus albofasciatus as an insect and mite predat (Remiptera: Miridae).	or 5847	TRICHODERMA Antagonistic effects of some soil fungi on Verticillium	
PRIALKYL TIM ORGANIC FROSPHORUS COMPOUNDS Preparation of organotin-phosphorus compounds and their logical activities - potency against fungi, toxic activ		isolated from maple trees. TRICHODORUS CHRISTIEI Aspects of the ecology and parasitic relationship to pe	
against insects and phytotoxic properties.	6393	of several ectoparasitic nematodes in North Carolina.	5829
Epizooticlogy of Trypanosoma cruzi in southwestern Nort		TRICHOGRAMMA JAPONICUM	
America. iXO An investigation to determine the incidenc of Trypanosomi cruzi infections in Triatominae and man the Yucatan Peninsula of Mexico.	e	Peasibility and problems of chemical control of rice st borers, research on the natural enemies of rice stem bo	
TRIATONA BEGWERI		TRICHOPLUSIA	
Epizootiology of Trypanosoma cruzi in southwestern Nort America. iXO An investigation to determine the incidenc of Trypanosomi cruzi infections in Triatominae and man	:e	The bionomics of an insect-parasitic nematode.	5870

TRICHOPLUSIA

TRICHOPODA PENNIPES	
TRICBOPODA PENNIPES Progress in the biological control of the southern green stink bug, Nezara viridula in Hawaii Heteroptera, Pen- tatomidae). 585	TRUPANEA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana: (Diptera). 5474
TRICHOPTERA Bottom organisms of the Beaver Reservoir Basin: a pre-impoundment study. 542	TRYPANOSOMA Epizootiology of Trypanosoma cruzi in southwestern North America. 5553
Effects on aquatic insects of fores: spraying with phosphamidon in New Brunswick.	Epizootiology of Trypanosoma cruzi in southwestern North 5 America.part I. new collection records and hosts for Trypanosoma cruzi Chagas (Kinetoplastida:Trypanosomidae)
Effects of forest spraying with DDT on aquatic insects of salmon streams in New Brunswick.	(Hemiptera:Triatominae). 5554 8 TRYPANOSOMA CRUZI
Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon. 563 TRICHOSTRONGYLOSIS	Epizootiology of Trypanosoma cruzi in southwestern North
The disintegration of sheep dung and the pre-parasitic stages of Trichostrongylids. 597	7 TRYPANOSOMIASIS Trypanosome infection rates in Glossina morsitans
TRICBOSTRONGYLUS CCLUBRIFORMIS The ecology of the free-living stages of Trichostrongylus cclubriformis. 622	submorsitans newst. in northern nigeria. 5704 An attempt to produce resistance to homidium in a strain of Trypanosoma vivax transmitted by tsetse flies. 6166
TRICURIS MURIS Acquired immunity to Trichuris muris in the albino laboratory mouse. 625	Field trials of prothidium as a prophylactic in cattle
TRIPLUPROMAZINE Detection of triflupromazine in milk. 631 TRIMACULATUS	TRYPANOSOMIDAE 9 Epizootiology of Trypanosoma cruzi in southwestern North America. part VII. experimental control of trypanosoma cruzi by immunological methods. 5552
The biology of Anthrax limatulus fur (Osten Sacken), with a key to and description of pupae of some species in the Anthrax albofasciatus and Trimaculatus groups (Diptera: Bombyliidae).	Epizootiology of Trypanosoma cruzi in southwestern North America.part I. new collection records and hosts for
TRIOZA MEXICANA Distribution of two Strepsiptera in Florida 1960-1962. 552	van der Wulp in :Biologia Centrali-Americana:
TRIPHENYL TIN ORGANIC FHOSPHORUS COMPOUNDS Preparation of organotin-phosphorus compounds and their bio logical activities - potency against fungi, toxic activity. against insects and phytotoxic properties. 639	Notes on the Walker types of New World Tephritidae
TRIPOLITANIA Experiments on the control of weeds in groundnuts in Tripolitania. 590	TRYPORYZA INCERTULAS On the ecology of stem borers in Asia, research on the nat- ural enemies of rice stem borers. 5872
TRIS 1-AZIRIDIRYL) PHOSPBINE SULFIDE Exposure of Tribolium confusum to Thio-TEPA and its effect upon development of Bymenolepis diminuta cysticercoids. 570	Distribution and bionomics of natural enemies of rice stem borers, research on the natural enemies of rice stem borers. 5886
TRISSOLCUS BASALIS Progress in the biological control of the southern green stink bug, Nezara viridula in Hawaii Beteroptera, Pen- tatomidae). 585	TRYPOXYLON A first Florida record and note on the nesting of Trypoxy- lon (Trypargilum) texense Saussure (Hymenoptera: Spheci- dae). 5638
TROGINAE Larval systematics of the Trcginae in North America with notes on biologies and life histories Coleoptera0 Scara-	TSUGA Pinpoint spraying - accurate spraying application credited for a 99.7 per cent kill. 5841
bacidae. 543 TROGODERMA Effect of temperature and humidity on Trogoderma	Observations on the larval habits of some Callidiini with special reference to Callidiellum cupressi (Van Dyke) (Coleoptera: Cerambycidae). 5851
anthrenoides (sharp) (coleoptera, dermestidae) and comparisons with related species.	TUBERCULIN The use of dilute tuberculins for testing cattle. 6073
TROMBICOLA North Dakota arachnid records. 557	TUBERCULIN TEST The use of dilute tuberculins for testing cattle. 6073
TROBBICULIDAE New bat chiggers from Thailand and the Solomon Islands with notes on the subgenus Sasatrombicula Vercammen- Grandican (Acarina: Trombiculidae)	TUBERCULOSIS Why tuberculosis in livestock is increasing. 6136
Grandjean (Acarina: Trombiculidae). 553 TROPAEOLUM MAJUS	4 Observations on tuberculin sensitivity in cattle in Kenya. 6184
Interaction of growth regulators in the senescence of nasturtium leaf disks. TROX	TUBERS Observations on pathogenicity of Streptomyces scabies on tubers produced in vitro. 6353
Larval systematics of the Troginae in North America with notes on biologies and life histories Coleoptera0 Scara- baeidae. 543	TUNAFISH Fight additional cases of pansteatitis (yellow fat) in cats fed canned red tuna. 6316

			VACUE
URKEYS Abstracts of papers presented at the 51st. annual meeti the Poultry Science Association.	ing of 5923		6257
Report of the committee on nomenclature and reporting of disease, northeastern conference on avian diseases, jur 1964.		UGANDA Observations on the biting habits of mosquitos in the fo canopy at Zika, Uganda with special reference to the crepuscular periods.	rest 5618
Report on the pullorum disease testing results, present the 36th annual meeting, northeastern conference on avi- diseases, june, 1964.		ULCERS Bovine papular stomatitis I. recognition in the united states.	6024
Relationship of several environmental factors to the incidence of breast blisters in large type male market turkeys.	5928	ULMUS Downward movement of conidia of Ceratocystis ulmi from t minal twigs of elm.	ter- 5764
Study of natural and experimental infection of Mycoplas associated with turkey airsacculitis.	5949	ULTRASONIC ENERGY Treatment of hatching eggs for disease prevention—applition of ultrasonic energy.	ca- 5932
Airsacculitis in poults from different strains of turke	ys. 5950	ULTRAVIOLET RAYS Effect of light on sexual reproduction in Hypomyces sola	
The comparison of three serological tests for the detect of Mycoplasma gallisepticum infection in turkeys.	tion 5992		5776
Summary of poultry diseases reported by the north centroultry disease conference, 1964.	ca 1 6042		6350
Hemogram of turkey poults experimentally infected with syngamus trachea. $% \left(1\right) =\left(1\right) +\left(1\right) +\left$	6054	solani. iI. effect of ultraviolet light.	6366
Tests for activity against Histomonas meleagridis: use the infection in chickens and a comparison of the resul	.ts		6402
obtained in chickens and turkeys. Treatment of infectious sinusitis in turkeys with tylos	6079 sin	UNITED STATES Facts and figures the public should know.	5723
tartrate. Evaluation of antibiotic treatment of Mycoplasma qallis	6112 sep-	Equine dermatitis (cutaneous streptothricosis) infection with dermatophilus in the United States.	5945
ticum infection by the use of chickens and turkeys from infected embryos.	6113	UREA Infrared studies of the mechanisms of adsorption of urea its herbicidal derivatives by montmorillonite.	and 5901
The influence of dietary ascorbic acid on the severity beta-aminopropionitrile (BAPN) toxicity in turkeys.	of 6177		6144
Mortic rupture in turkeys used in studies with Candida bicans. $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left($	al- 6180	Nitrogen activity index of urea-formaldehyde compounds.	6377
A bacterial agent causing bluecomb disease in turkeys. Transmission and studies of etiological agent.	II. 6181	URELLIA A study of the types of Tephritidae described by F. M. van der Wulp in :Biologia Centrali-Americana:	
Influence of reserpine and antibiotics on incidence of secting aneurysm in turkeys as induced by beta-aminopronitrile.		(Diptera). UREMIA	5474
Some effects of feeding Gelsemium sempervirens (yellow jessamine) to young chickens and turkeys.	6193		6196
Pathogenicity to chicks of Mycoplasma associated with turkey airsacculitis.	6197	URINE An improved test paper for the detection of mammalian ur residues.	ine 6276
Characteristics of avian mycoplasma.	6199	UROMYCES The effect of bean rust on the foliar uptake of p32.	5789
URTLES Aedes canadensis Theobald) feeding on Blanding:s turtl	.e. 5608	VACCINES Vaccination against bovine babesiosis, infectivity and virulence of blood from animals either recovered from or	
YLENCHORHYNCHUS CLAYTONI Aspects of the ecology and parasitic relationship to pe of several ectoparasitic nematodes in North Carolina.		Vaccination of poultry against Newcastle disease. iI.	5966
YLENCHULUS	5829		5976
Effects of soil temperature and moisture on Tylenchulus semipenitrans.	5888	Diagnosis of bovine vibriosis. 1. the production and us standard suspensions of Vibrio fetus agglutinating antig	
YLOSIN TARTRATE Treatment of infectious sinusitis in turkeys with tylos tartrate.	in 6112	Noninterference with immunity by a trivalent vaccine containing distemper virus, infectious canine hepatitis vir and Leptospira canicola.	
YPELOPONEMYS New species and new records of Pygostenini from Liberta Twory Coast, and Cameroun (Coleoptera: Staphylinidae).	5501	The complement fixing antibody response of calves to Dictyocaulus Viviparus. II. Vaccination with irradiated larvae.	6224
YPHOID Report on the pullorum disease testing results, present the 36th annual meeting, northeastern conference on avi diseases, june, 1964.		VACUUM Preservation of insect larvae by vacuum dehydration.	5587

VAPOR PRESSURE	
VAPOR PRESSURE	6093
Gas chromatographic determination of small vapor pressures. determination of the vapor pressures of some triazine herbicides.	VIRGINIA 9 Confirmation of failure of rose mosaic virus to spread in Virginia. 5801
VEDALIA Vice, virtue, and the vedalia. 561	0 VIROLOGY
VEGETABLES Determination of residues of Guthion. 627	Studies on the infectious bronchitis virus of chickens iso- lated in Finland with reference to the serological survey of its occurrence. 5999
The determination of Kelthane residues on fruits and	VIRUCIDES
vegetables. 628 Six phosphate pesticide residues in green leafy vegetables:	leaves of peanut - a new host of tobacco ringspot virus.
cleanup method and paper chromatographic identification. 628	
Screening method for monuron, diuron, and neburon residues on fruits and vegetables by paper chromatography.	for vaccine purposes. 5982
Screening method for pesticide residues on fruits and vegetables. 632	isolated from virus diarrhea and mucosal disease. 6020
Ion-exchange method for determining paraguat residues in food crops.	Pathologic and immunologic studies on field and experimental postvaccinal reactions following vaccination against bovine virus diarrhea. 6123
VEJOVIS North Dakota arachnid records. 557	VIRUS DILUTIONS Research note. a comparison of serum dilution techniques for the tube hemagglutination—inhibition (HI) test. 6147
VEROMESSOR Veromessor lobognathus: third note (Hymenoptera: Formicidae). 588	VIRUS DISEASES (ANIMALS) 5 Immunological characteristics of a variant of infectious bronchitis virus isolated from chickens. 6195
VERTEBRATES Pest management. sB931.b4. 572	1 VIRUS DISEASES (PLANTS) Disease control through virus-free stock. 5800
VERTICILLIUM A self-induced, nonhereditary variation in Verticillium. 576	Serology in virus-disease diagnosis. 5835
Antagonistic effects of some soil fungi on Verticillium sp. isolated from marle trees. 576	VIRUS DISEASES PLANTS Plant virus inclusions. 5821
VETERINARY MEDICINE The veterinarian:s role in a feedlot operation. 594	VIRUS PNEUMONIA The pathogenisis of ovine pneumonia.III. PLACENTAL
Bacterial and viral disease. 604	
Veterinary genetics. 620	3
VIBRIO Isolation of Vibrio fetus from the feces of lambs and pen- ccntact transmission of the infection. 595	VIRUS-X POTATOES) Use of molecular gel formation to prepare potato virus-X inocula for antisera. Contribution no. 229). 5825
	VIRUSES
Difference in physiology of vibrio spp. from chickens and man.	crepuscular periods. 5618
Diagnostic techniques in avian vibrionic hepatitis. 602 A bacterial agent causing bluecomb disease in turkeys. II.	Investigation of an epidemic of St. Louis encephalitis in Danville, Kentucky, 1964. 5706
Transmission and studies of etiological agent. 618	
The experimental inoculation of heifers with Vibrio fetus of ovine origin. 618	Specific virus adsorption by antibodies coupled to a solid matrix. 5788
VIBRIOSIS Difference in physiology of vibrio spp. from chickens and man. 600	Symposium on poultry viruses. 5924
Diagnosis of bovine vibriosis. 1. the production and use of	The importance of leukosis virus as a contaminant in biologics. 5963
standard suspensions of Vibrio fetus agglutinating antigen. 616 VICTORIN	
Nature and guantities of materials leached from victorin- treated tissues. 634	,,
VINELAND CHEMICAL 523 Effect of selected fungicides and antibiotics on Xanthomonas malvacearum in vitro. 574	Studies on the properties of New Zealand butterfat. VI comparison of the properties and vitamin A potencies of butterfats produced by clover-fed and ryegrass-fed dairy cows. 6356
VIRAL DISEASES Live virus immunizing agents. 613	VITAMIN A 0 Influence of vitamin-a deficiency on testes, bursa Fabricius, adrenal and hematocrit in cockerels. 6108
VIREMIA Brain lesions and viremia studies in swine infected with ho cholera virus of low pathogenicity. 608	
	and the second of the second o

A study of the effects of hormones and vitamin A on bovine

PAGE 130

The pathogenesis of experimental bovine mucosal disease.

teat canal in organ culture.	pigs farrowed by susceptible and immune dams. 6160
Studies on the properties of New Zealand butterfat. VII. effect of the stage of maturity of ryegrass fed to cows on the characteristics of butterfat and its carotene and vitamin A contents.	Experimental evaluation of culture and serum vaccination for the control of swine erysipelas. VIII. further observations on serum potency with relation to immunization of weanling pigs. 6161
VITAMIN B COMPLEX The additive effects of nucleic acids and antibiotics as individual growth promotants for chicks. 6000	WEATHER Pesticide drift residue. 6270
Some nutritional aspects of experimental infection with salmonella pullorum.	WEED CONTROL Pest management. sB931.b4. 5721
Observation on the effect of vitamin and antibiotic injections on early turkey poult growth and mortality.	The relationship between the herbicidal effect of 2,6-dichlorobenzonitrile and its persistance in the soil.
TITAMIN B6 Effects of infection by the stem rust fungus on the vitamin b6, niacin, and pantothenic acid content of wheat plants.	The reaction of Trifolium repens (L.) in grassland to 2,4-D, MCPA and mixtures of 2,4-D and MCPB 5899
5803	The control of weeds in spring cereals with MCPA, MCPB and 2,4-DB 5900
TTAMIN K The effect of various levels of vitamin K on various levels of coccidiostats in broiler feeds. 5969	Experimental studies of the mortality and plasticity of a weed. 5902
VITIS Serological relationships of virus isolates from grapevines with different disease symptoms. 5799	Movement of 2,6-dichlorobenzonitrile in soils and in plants in relation to its physical properties. 5906
IVIPARITY	Experiments on the control of weeds in groundnuts in Tripolitania. 5908
Water changes in cockroach oothecae in relation to the evo- lution of ovoviviparity and viviparity. 5660	The control of Ranunculus repens (L.) in raspberries.
OLUMETRIC ANALYSIS Studies on titration of fowl poxvirus and some aspects of pathogenesis of fowlpox. 5990	The entomological control of weeds in Australia. 5912
ULPES The toxicity of some chlorinated hydrocarbon insecticides to british wild foxes (vulpes vulpes). 5955	WEEDS Weed hosts of Olpidium brassicae and the lettuce big-vein virus. 5766
NALNUTS Residue determination of 2,4-dichlorophenoxyacetic acid in	Crop and weed response to varying levels of mineral nutrients and moisture stress. 5904
dry crops and walnuts. 6271	WESTERN UNITED STATES Millipeds of the order Polydesmia from the western states and Baja California. 5514
Report on analytical methods for pesticide formulations. 6385	WHEAT
FASHINGTON	The resistance of some American wheats to hessian fly of mixed foreign parentage. 5433
Pinpoint spraying - accurate spraying application credited for a 99.7 per cent kill. 5841	The susceptibility of some American wheats to the wheat blossom midges. 5434
NATER Polymerization of TMV protein in water and in heavy water. 5811	Effects of infection by the stem rust fungus on the vitamin b6, niacin, and pantothenic acid content of wheat plants.
NATER POLLUTION Effects of forest spraying with DDT on aquatic insects of salmon streams in New Brunswick. 5628	Inheritance of resistance to races 56 and 15B-2 of Puccinia graminis Pers. f. sp. tritici Erikss. and Henn. in Triticum aestivum L. 5830
Effects of forest spraying with DDT in New Brunswick on food of young Atlantic salmon. 5634	Variations in size and weight of three geographical populations of rice weevil complex. 5879
Dept. of Agriculture announces new pesticides monitoring program. 6266	Aberrations of the nucleic acid metabolism of plants induced
Effects on wild young salmon of spraying DDT over New Brunswick forests. 6267	The effectiveness of certain grain funigant formulations.
The uptake from water by several species of fresh-water fish of p,p:DDT, dieldrin, and lindane their tissue distribu-	TI. Germination. 6262 WHITE CLOVER
tion and elimination rate. 6315	Varietal resistance to clover rot in white clover. 5750
A new Neotropical water-strider (Hemiptera: Gerridae) 5463	The effect of soil fungi and root-knot nematodes on the growth of white clover in field bins. 5890

WHITE MUSCLE DISEASE
Polio-encephalomacia associated with myocardial degeneration
in a group of housed sheep experimentally infected with
Haemonchus contortus.
6252

The reaction of Trifolium repens (L.) in grassland to 2,4-D, MCPA and mixtures of 2,4-D and MCPB. . 5899

Experimental evaluation of culture and serum vaccination for

Medicated feeds experiments with a mixture of antibiotics and sulfamides for the control of the weaning diseases of the baby pig. 6138

Pinpoint spraying - accurate spraying application credited for a 99.7 per cent kill. 5841

WATERWAYS

	000000	1,021	
WHITE-TAILED DEER			
		AL VARANCE C	
WHITE-TAILED DEER Further serologic studies of brucellosis in white-taile deer of the Southeastern U.S.	d 6037	NANTHOMONAS Effect of selected fungicides and antibiotics on Xanthon nas malvacearum in vitro.	mo- 57 48
UTIDITED		VPNODCVII 3	
WILDLIFE Mass control of insects: the effects on fish and wildli	fe. 5696	XENOPSYLLA Comparative suitability of the four murine rodents of Hawaii as hosts for Xenopsylla vexabilis and X. cheopis (siphonaptera).	5482
The effect of bird predators on winter survival of the southwestern and European corn borers in Arkansas.	5883	XIPHINEMA Effect of soil moisture on Xiphinema americanum in abse	
Modern trends in animal health and husbandry, some infectious diseases of free-living wildlife.	6086	of host plants.	5889
The importance of the Berlese technique in studying ectoparasite populations upon rodent hosts.	6211	Notes on the taxonomy of the fossil Xyelidae (Hymenopter Symphyta.	ra: 5443
A new species of Mallophaga from Malaya.	6212	XYLOCELIA Notes on the biology of Philanthus bicinctus (Hymenopte)	ra:
A new species of Falcomenopon (Mallophaga: menoponidae	6214	Sphecidae).	5843
A new species of Colpocephalum (Mallophaga: Menoponidae from the owl Phodilus badius.		XYLOCOPA Beefly parasitism of the American carrenter bees belong to the genus Xylocopa Latrielle (Diptera Hymenoptera).	ing 5496
Dept. of Agriculture announces new pesticides monitorin program.	g 6266	YELLOW JESSAMINE	3490
WILDLIFE DISEASES Modern trends in animal health and husbandry, some	0200	Some effects of feeding Gelsemium sempervirens (yellow jessamine) to young chickens and turkeys.	6193
infectious diseases of free-living wildlife.	6086	ZEADIATRABA The effect of bird predators on winter survival of the	E002
WILT (COTTON) In vivo selection of biotypes of Cephalosporium inhibit to the development of tomato and cotton Pusarium wilt s toms.		zonthwestern and European corn borers in Arkansas. ZINC Variation in zinc content and other properties of various	
UTI M. (COURTS C)		porcine muscles.	6254
WILT (COWPEAS) Inhibition of Fusarium wilt symptoms in cowpea by speci of cephalospcrium.	es 5818	Metals, other elements, and residues in foods.	6304
WILT (TOMATOES) In vivo selection of biotypes of Cephalosporium inhibit to the development of tomato and cotton Fusarium wilt s toms.		ZINC SULPHATE The activity of dipping fluids in the treatment and prevention of mycotic dermatitis in sheep. ZOOGEOGRAPHY	6071
WILT (WATERMELON) Physiologic specialization in Pusarium oxysporium f. niveum.	5775	Zoogeography and evolution of Pacific insects (a review the entomological program at the Bernice P. Bishop Museum).	of 5481
21.0424	33	New species and new records of Pygostenini from Liberta.	
WIND Wiley bays downwind turn.	6429	Ivory Coast, and Cameroun (Coleoptera: Staphylinidae).	5501
WINE Nature, origin and prevention of hydrogen sulphide arom vines.	a in 6258	Biology of Hippelates pallipes and H. bishoppi Diptera Chloropidae) in Wisconsin.	0 5625
	- 200	ZOONOSES	
WING ROT Gangrenous dermatitis of chickens.	6010	Animal viruses and their relationship to diseases in man	n. 6066
WISCONSIN		1PS	
A note on Ancistrocerus tigris in trapnests in Wisconsi (Hymenoptera: Vespidae).	n 5524	A new species of Macrocheles (Acarina: Macrochelidae) associated with bark beetles of the genera Ips and Dendroctonus.	5862
\ensuremath{Wood} wood extractive content and Fomes pini infection of eas white pine.	tern 5777	Jenutocconub.	
WOOD DESTROYING FUNGI Detection, identification and control of Poria carbonic	a 6259	2 /2 # F WITCH ADDRESS PROPERTY PROPERTY ACTO	
and other fungi in Douglas fir poles. WORKHEN S COMPENSATION INSURANCE		2- (2,4,5-TRICHLOROPHENOXY) PROPIONIC ACID Control of timber milkvetch, Astragalus miser, and effect on associated vegetation.	cts 589 7
CAAA safety record earns refund check.	6418	2- (2,4,5-TRICHLOROPHENOXY)-PROPIONIC ACID	
X-RAYS A comparison by means of X-irradiation in air and in ox of the suppressor-erupt systems in several strains of D		Control of swainsonpea, Swainsona salsula. 2,4-D	5910
sophila melanogaster.	5681	The reaction of Trifolium repens (L.) in grassland to 2, D, MCPA and mixtures of 2,4-D and MCPB	,4- 5899
Killing Texas screw worms from the air.	6207	Control of swainsonpea, Swainsona salsula.	5910
XANTHIUM PUNGENS The entomological control of weeds in Australia.	5912	Residue determination of 2,4-dichlorophenoxyacetic acid dry crops and walnuts.	in 6271

6091

Metals, other elements, and residues in foods.

Determination of 2,4-D and other chlorinated phenoxy alkyl acids. \$6308

6304

XANTHOMATOSIS
Observations of xanthomatosis in chickens.

2,4,5-T

The penetration of growth regulators into reaves.	0.30.
Determination of 2,4-D and 2,4,5-T as simple constituent and mixed constituents in commercial ester formulations.	
Separation and identification of chlorinated organic pesticides by paper chromatography. XII. The two herbicides, 2,4-d and 2,4,5-t.	640
4,-D The control of Ranunculus repens (L.) in raspberries.	590
4,5-T Determination of 2,4-D and 2,4,5-T as simple constituent ard mixed constituents in commercial ester formulations.	
Separation and identification of chlorinated organic pesticides by paper chromatography. XII. The two	640



BIOGRAPHICAL INDEX

			Sagar, G
Aggus, L R Auburn University	5426	Csiro, Macmaster Laboratory Division of Animal Health	6031
Allen, R K University Of Utah Research Fund	5428	Harper, J L University Of Oxford	
Allen,h W Academy of Natural Sciences of Philadelphia	5429	Dept. Of Agriculture Harris, S A	5902
Alls, A A State Board Of Agriculture		Dept. Of Agriculture, Georgetown, British Guiana Hazeltine, W E	5728
Dept. Of Poultry And Animal Bealth	5932	Lake County Mosquito Abatement District, Calif. Hopper, R E	5489
Babero, B B Grambling College, La.	6220	Piper Aircraft Corp., Lock Haven, Pa.	5731
Dept. Of Biological Sciences Batra, I R	0220	Hubben, K U.S. Public Health Service	
Public Health Service National Institutes Of Health	5761	National Institutes Of Health National Cancer Institute	6051
Beech, J A Ministry of Agriculture, Weybridge		Hungerford, H B National Science Foundation	5492
Central Veterinary Laboratory Beevers, L	5942	Hungerford, B B National Science Foundation	5494
University of Illinois Department of Horticulture	6343	Jerstad, A C U.S. Dept. Of Agriculture	
Bhalla, S C University Of Notre Dame, Ind.		Regional Research Funds Jeska, E L	6057
Dept. Of Biology Brewerton, H V	5692	University of Pennsylvania, Philadelphia School of Veterinary Medicine	
Department of Scientific and Industrial Research, Petor Chemistry Division	6273	Department of Veterinary Biology Keenleyside, M B A	6231
Brooks, H Î Kansas State University	5846	Fisheries Research Board of Canada, St. Andrews Biological Station	5634
Brown Jr, W L National Science Foundation	5440	Kerfoot, W B National Science Foundation	5499
Brown, R H J University of Cambridge	3110	Khanna, P N Hungarian Academy Of Sciences, Budapest	6062
Department of Zoology	5591	Kilian, J G	6063
Byers, G W National Science Foundation	5446	Chas. Pfizer And Co. Inc., San Francisco, California Kirkham, W K	0003
Carlton, W W Massachusetts Institute Of Technology	5073	U.S. Public Health Service National Institutes Of Health	6065
Dept. Of Nutrition And Food Science Cazier, M.A.	5973	Institute Of Allergy And Infectious Diseases Kistner, D H	6065
National Science Foundation Chemsak, J A	5849	National Science Foundation Koerwitz, F L	5501
National Science Foundation Chemsak, J A	5850	Northeastern Junior College, Sterling, Colo. Le Clair, R A	5637
National Science Foundation Chute, H L	5851	University Of California Center For Bealth Sciences Dept. Of Medical Microbiology And Immunology	607C
Sterling- Winthrop Research Institute, Rensselaer, N.Y.	5978	Le-Riche, P D Nicholas Institute, Sherbrooke, Victoria	6071
Dale, P S Massey University, Palmerston North		Lutz, P L University of Glascow	
Zoology Department Davis, D E	5458	Department of Zoology Marston, N	6236
Naremco, Incorporated, Springfield, Mo. De Leon, D	5988	National Science Foundation Martin, C H	5865
Pinellas Foundation, Inc., St. Petersburg, Florida De Leon, D	5459	National Science Foundation Melendez, L V	5521
Pinellas Foundation, Inc., St. Petersburg, Florida Downe, A E R	5606	National Institutes Of Health U.S. Public Health Service	6092
Kansas State University, Manhattan Dept. Of Entomology	5611	Moure, J S University Of Parana, Curitiba, Brazil	
Edmunds Jr, G F National Science Foundation	5464	Dept. Of Zoology O Donnell, A E	5530
Elzinga, R J Kansas State University	3404	Frontier Chemical Co., Wichita, Kans.	6261
Dept. Of Entomology	6211	O Donnell, A E Frontier Chemical Co., Wichita, Kans.	6262
Ewing, S A U.S. Public Bealth Service	6007	Olson, N O U.S Public Health Service	6110
National Institutes Of Health Feir, D	6227	National Institutes Of Health Page, L A	6110
National Science Foundation Gonzalez-Angula, W	5472	Ellen Browning Scripps Foundation Research Council Of San Diego Zoological Society	6116
Loma Linda University, Loma Linda, California School of Medicine	5699	Pan, I Purdue University	6117
Grant, C D Fisheries Research Board of Canada, St. Andrews		Peterson, A Ohio Historical Society Museum, Columbus	5539
Biological Station Guneidy, A M	5615	Pounden, W D University Of Maryland, College Park	6303
Ain Shams University, Abbassiya, Cairo, UAR Faculty Of Science		Radinovsky, S Millersville State College, Pa.	
Dept. Of Entomology Guneidy, A M	5616	Dept. Of Biology Rai, L	6433
Ain Shams University, Abbassiya, Cairo, UAR Faculty Of Science		Grain Storage Research And Training Center, Hapur, In	dia 5710
Dept. Of Entomology Hamlin, R L	5685	Reid, W M National Science Foundation	6139
Central Ohio Heart Association Hanson, L E	6029	Richards, M A Petfoods Limited, Melton Mowbray	
U.S. Public Health Service National Institutes Of Health	6030	Nutritional Research Laboratory Sagar, G R	6144
Happich. F A		University Of Oxford	

BIOGRAPHICAL INDEX

Sakimura, K	
Dept. Of Agriculture Sakimura, K	5738
Pineapple Research Institute of Hawaii, Honolulu	5556
Sassoon, B F University Of Illinois, Urbana	
College Cf Agriculture Dept. Of Animal Science	6156
Selander, R B	0150
National Science Foundation	5878
Sevoian, M U.S. Public Health Service	
National Institutes Of Health	6158
Smith, W W	
U.S. Public Health Service National Institutes Of Health	
Division Of Environmental Engineering And Food Protection	on
	5712
Soderstrom, E L	
U.S. Dept. Of Agriculture, Savannah, Ga. Agricultural Marketing Service	
Stored-products Insect Laboratory	5879
Stipkovits, L	
Hungarian Academy Of Sciences	6 16 9
Veterinary Medical Research Institute Strandtmann, R W	0 10 9
National Institutes Of Health	5565
Sugahara, M	
Amino Feed Co., Ltd., Yokohama Research Laboratory	6172
Svetlicic, B	0172
University Of Zagreb, Yugoslavia	
Dept. Of Pharmacology	6334
Tekeli, S U.S. Dept. Of Agriculture	6174
Tripathy, S B	0111
State Of Washington	6180
Tuff, D W American Philosophical Society	6217
Verts, B J	0217
University Of Illinois, Urbana	
College Cf Veterinary Medicine	6183
Wood, B J Chemara Research Station, Layang Layang, Johore, Malaya	
	5836
Yearian, W C	
University Of Florida Yoder Jr, H W	5838
U.S. Public Health Service	
National Institutes Of Health	6199
Young, G A	
National Institute Of Allergic And Infectious Diseases	6202
	3202

AUTHOR INDEX

Davies, J N Brown Jr, W L Brown, A W A Brown, B F Brown, L R Brown, M F Abbot, J Champlain, R A 5599 Chandler, L Chang, T H Chang, Y F Chaniotis, B N Abbott, E V Abdel-Nabi, H Barnes, L E Barnett, B D 5706 Barnes, L E
Barnett, B D
Barnsley, G E
Barr, T R B
Barrera, J
Barrette, J P
6370
Barry, H C
Barthel, W F
Bateman, D F
Batra, L R
5761
Batra, S W T
Beard, C W
Beasley, J N
Bedding, R A
Beech, J A
Beer, J R
Beer, R E
Beesley, J S S
5695
Beevers, L
Beiers, P R
Beirne, B P
Bell, J F
Bennet-Clark, H C
Bentinck-smith, J
Benton, W J Abdulla, I Abinati, F R Abinati, F R
Adams, A W
Adams, P A
Adams, P B
Adams, P S
Adkinson, P L
Adler, E E
Aggus, L R
Ahmad, M M
Aitken, I D
Aizawa, K
Akeson, N B
Akre, R D
Al-Dabagh, M
Alderson, T 5621 Brown, R E Brown, R H J 5591 5450 Chaniotis, B N
Chapman, H C
Chappell, V E
Chaudhuri, R P
Chemsak, J A
5453, 5454,
5850, 5851
Chen, C B
Chen, L Brownrigg, D
Bruce, W G
Brumbaugh, L R
Bruner, D W 5975 6110 5452 Brumbaugh, I R
Bruner, D W
Brunner, R B
Brunns, V F
Bryans, J T
5960
Bryant, I W
Buck, W B
6310
Buckley, B R
Bullock, D W
Burch, C W
Burchfield, H P
Burden, G S 6129 5583 Chen, L
Cherby, J
Chi, C C
Chiaravalle, P D
Childs, J F L
Chiu, R J
Chohan, J S
Chomiak, T W 6091 5772 Alderson, T Aldrich, D T A Alexander, C P Alexander, F 5929 5765 Chowdaiah, B N Christensen, C M Burden, G S Burdick, D J 5444 Alfand, S Alibasoglu, M 5930 6256 Christensen, C M Christensen, D A Christie, M G Chute, H L Ciesla, W M Clark, A M Clark, G M Clark, G N Clark, G N Clark, G N Clark, G M Clark, G M Clark, C M Close, R C Coan, R M Coggins, L Allen, D J Allen, P J 5751 5721 5444
Burditt, A K
5595
Burger, R E
6187 5977 Allen, R K 5464 **7**8 Allen, W R Allen, h W Burges, H D Burgess, E D Burke, J 6333 Bentinck-smith, J Benton, W J 5932 Berg, C O Allison, C C Alls, A A 5932 5932
Alpan, S O
Altman, J
Altschul, A M
Alumot, E
Ammerman, C B
Anderson, D P Berger, C
Berkman, R N
Bernard, R L
Berner, L
Bess, H A
Bevenue, A Burkhardt, C C 55.85 Burland, R 59.62 Burmester, B R 5967, 6011 Burnett, G F Coghlan, J D Cole, C R Cole, E F 5934 Busvine, J R
5684, 5685
Butler Jr, G D Bevenue, A
Bhalla, S C
Bierer, B W
5947, 5948,
Biesemeyer, M E
Bigland, C H
5950, 5951,
Bilinsky, W R Anderson, W A Andrews, E A Andrews, E A
Angstrom, C I
Apple, J L
Appleton, G S
6195, 6340
Archibald, J A
Ariyoshi, S
6172 Cole, E F
Coleman, F H
5714
Colotelo, N
Conway, E
Cook, F W
Cook, H R
Cope, O B
Cornelius, C E
6311 5798 Butler, E J Butler, W L Byers, G W 6197 Butler, W L
Byers, G W
5447
Byrne, R J
Calderbank, A
Calderon, M
Callahan, P S
Callow, L L
5966
Calnek, B
Calnek, B W
Calvert, C C
Cammell, M E
Camp, A A
Campana, R J
Campbell, J A
Campbell, J R
Campbell, R N
Capriles, J M 59 64 Binns, W 5961 Armitage, H M
Armitage, K B
Armour, J
Arnold, D I
Arnold, M K
Arora, N D
Arscott, G H
Ashida, J
Ashley, M G
Atyeo, W T
5844
Aubele, A M 6253 Bird, G W Birn, K J Cornelius, C E
6311
Cornwell, R L
6224
Corstvet, R E
6110
Cotton, M J
Cover, M S
5932
Cowling, E B
Cox, A C
Cox, D D
Cox. G W Birn, k J Bishop, J L 5586 Bittle, J L Black, A L 6104 5756 5757 Black, H : H S 59.68 6352
Black, L M
Blackburn, P S
6189
Blackburn, P W
Blackmore, D K
Blinn, R C
6372 Aubele, A M Aubele, A M Avirachan, T T Axtell, R C Babcock, W E Babero, B B Bagland, W L Bailey, W S Baisas, F E Baker, C W Baker, D W Baker, J Cox, G W Cox, W S 6276 5632 **1**8 Capriles, J M Carew, L B Cox, W S
6276
Cox, W X
Craig, F R
Crall, J M
Crawford, C S
Cristea, J
Crittenden, C R Blobel, H Blow, W L Blum, M S Boczek, J Carey, W F
Carll, W T Carlos, E R
Carlson, C W
Carlson, H C
Carlton, W W
5973 5945 Bohl, E H Bolton, C L Crittenden, C R
Crittenden, C E
Cronin, E H
Cross, E A
Crowe, T J
Cumming, R B 5982 Bondi, A Bontoyan, W R 5897 Baker, J Carlysle, T C Baker, J A carlysle, T C
carriker Jr, M A
carslaw, R W
cartwright, S F
cassens, R G
castle, M E
6345
caswell, R L
catani, S C
Cation, D
catley, A Boray, J C
Bothwell, P W
Bowman, M C
5880 Baker, J E Baker, R H 5936 6173 Baker, R H Bakhshi, J C Bald, J G Ball, H J Ball, S J Cummings, G Boyd, J E Boyer, W P Brady, J 5589 Cunningham, C J Currie, J E Curtin, T V Bancroft, J B Banegas, A D 5582 Curtis, C R
Dahl, B E
Dale, P S
Dalton, R L 57 67 Brandt, W B Brannon, D H Brewer, R N 6240 Cation, D
Catley, A
Catlin, J E
Catts, E P
Causey, N B
Cavagnol, J C
Cazier, M A
Cecil, R
Chadwick, P R Banfield, W M 6221 Bankowski, R A 6017 DaMassa, A J Dardas, R B Das, K M Dasgupta, B Barber, C W 6193 Barker, K R Brewerton, H V Brezner, J Briskey, E J 6225 Barker, W G Barlow, R M 5940, 5941 Barnes, H F Brodey, R S 5958 Brooks, B L Brooks, R F Dateo, G P Daugherty, D M Chamberlain, D M Davies, J N

PAGE 137

Davies, M E

Davies, u L							
Davies, M E	5929	Estola, T	5999	6410		Harrow, L S	6341
Davis, C J	5854	Estrada, E	6314	Getzin, L W	5677	Hart, J H	5 7 95
Davis, D E	5987	Evans, H E	5470	Ghabrial, S A	5 7 90	Hart, R A	5439
5988		5471, 5857		Gibson, T E	6228	5620	
Davis, E G	6243	Evans, S A	5900	Gilbert, C S	6313	Hartley, W J	6035
Davis, H A	6377	Everett, G	6228	Giles, P H	6260	Hartman, P A	6065
Davis, N T	56 97	Ewing, S A	6227	Gill, E	6019	Harvey, R W S	6036
Davis, S	6293	Eyssen, H	6000	Gillespie, J H	5982	Hasegawa, Y	5785
De Leon, D	5459	Fallon, E H	5960	6020		Hastings, E	5488
5606		Farmer, W J	5901	Gilman, H L	6185	Hatcher, H J	6347
Dean, W W	59 1 3	Farnham, A W	5661	Giuffrida, L	6382	Haupt, W	6348
Decker, G C	5698	Farrell, I D	6001	6410		Hawke, J C	6349
DeFoliart, G R	5608	Fawzi, A H	6220	Giulio, L	5614	Hawkins, W W	6204
5625		Feder, W A	5 7 82	Given, B B	5 7 25	Hawksworth, F G	5 7 96
DeGroot, R C	5 777	Feir, D	5472	Glen, R	5480	Hayes, F A	6037
Delucchi, V L	5607	Feldmesser, J	5888	Glenn, M W	6313	Hazeltine, W E	5489
Denning, D G	5460	Ferguson, G	6440	Gonzalez-Angula, W	5699	Heal, R E	5 701
Deonier, D L	546 1	Ferguson, L C	6 1 55	Goodbary, R F	6021	Heald Jr, C M	5 7 9 7
DeRemer, B	5723	Ferkovich, S M	56 1 3	Gooden, E L	6383	Healy, B P	603 1
DeRemer, B R	626 6	Ferris, P H	6002	Goodman, P J	5726	Heath, J E	562 1
Dethier, V G	5609	Ferris, V R	5783	Goose, J	6079	Heddleston, K L	6038
Detweiler, D K	6050	Fidler, I J	5958	Gordon, R S	6132	Heintze, S G	5 7 29
Detwiler, D K	5989	Finkner, Md	6007	Gorham, J R	5935	Heishman, J O	6111
DeWitt, J B	6076	Fischman, O	6077	Goring, N L	5611	Helmboldt, C F	6039
Dhillon, S S	5990	Fisher, E W	6003	Gouck, H K	55 07	Hemingway, R G	5730
Dickie, C W	599 1	Fizette, W B	6155	Gough, P M	6022	6040, 6255	
Dickinson, A M	6115	Fleming, G A	5724	Gourlay, R N	6023	Hemsley, L A	6041
Dickinson, E M	598 7	Fletcher, R D	6004	Graham, D P	5796	Henderosn, W	598 7
6063		Flores, S	5784	Graham, R M	6353	Henderson, W	59 7 2
Dierks, R E	5992	Flowers, A I	6091	Grant, C D	5615	5973, 6042	
Dills, G J	6037	Flux, D S	6005	Gray, D P	6087	Hendrickson, T D	6245
Dimitroff, J M	6269	Folkes, D L	5553	Green Jr, C E	5727	Hendrix, J W	5798
6293		Foote, R H	5473	Green, B J	5858	Henson, J B	6043
Directo, A C	5971	5474, 5475,	5476	Greene, C L	5859	Heotis, J P	6229
Dison, M S	6107	Forbes, I L	5784	Greene, H C	5791	Herbert, C N	6073
Dobbins, J T	6312	Ford, C M	6006	Gressitt, J L	5481	Herrett, R J	6229
Dodge, H R	5462	Ford, O W	6378	Grice, H C	6198	Heuschele, W P	6098
Dodson, C H	5658	Forrest, J D	5722	Griesemer, R A	6024	Hewitt, W B	5799
Doi, S	5785	Fowickle, E	5714	Griffin, G D	5889	Higginbottom, C	6230
Doling, D A	5750	Fox, F H	5945	Griffiths, R C	6316	Hill, F W	5970
Dollahite, J W	6310	Francis, D W	6007	Grinchenko, A H H	5792	Hill, R	6044
Done, J T	6035	6008		Grogan, R G	57 93	Hink, W F	5622
Dood, F H	6239	Frank, N A	6128	Gross, W B	6025	Hipkiss, A R	6350
Dorney, R S	6227	6303	5050	Groth, A H	6317	Hitchner, S B	6045
Dougherty 3rd, E	6053	Franklin, R T	5858	Grumbles, L C	6026	6195, 6196	5000
Doutt, R I	5610	6422		6043	6242	Hobbs, C D	5803
Dow, C	6069	Fraser, C M	6145	Guernsey, F S	6343	Hoe, C M	6046
Dowell, F H	5431	Fraser, G	6009	Guneidy, A M	56 1 6	6144	625#
Downe, A E R	5611	Frazier, J	5978	5684, 5685	(205	Hoekstra, W G	6254
Downey, N E	6226	Frazier, M N	6010	Gunther, F A	6285	Hoffman, I	6386
Downie, H G	6330	Fredrickson, T N	6011	6286	5647	Hoffman, J A	5809
Drake, C J	5463	Friedman, S J	6410	Gupta, A P	56 17	Hofstad, M S	6 1 99
5855	5778	Friedrich, K	6379	Haas, G	5482	6200	5623
Driver, C H	5916	Froeschner, R C 5478	5477	Haddow, A J	56 1 8	Hogan, T W	6387
Drysdale, A D 6345	3310	Fry, J L	5928	Hagan, J R Hage, T J	6027 602 1	Holden, E R Hollings, M	5800
Dumas, B A	5856	Fujimura, Y	5785	Hale, H H	6028	Hollis, J P	589 1
Duncan, C S	5993	Fullaway, D T	5479	Hall Jr, C C	5619	Hollister, C J	598 1
Dungan, W	5950	Fulton, R B	5786	Hall, C F	6026	Hollowell, F M	6428
Dungworth, D L	5994	Funatsu, G	5787	Hall, I M	6318	Holmes, F O	5801
Dunleavy, J	5779	Funatsu, H	5787	Hall, V	5875	Holt, K	6388
Dunlop, W R	5995	Futrell, M C	5803	Halpin, J E	5890	Holtenius, P	6047
Dunne, B W	5930	Gaggero, A	6012	Hamdy, A H	6155	Holtman, D F	6070
Durbin, R D	5789	Gaines, R C	6441	Hamlin, R L	6029	Hooker, W J	5802
Dutra, J C	6391	Gajan, R A	6281	Hammond, H	6384	Hopkins, C A	6247
Eaton, J LeR	5612	Gajan, R J	6389	Hancock, J G	5794	Hopper, R E	5 731
Edmunds Jr, G F	5464	Gajic, D	5902	Hansen, M F	6243	Horsfall, W R	5624
Edwards, J D	5 7 80	Gakstatter, D H	6315	Hanson, L E	5 97 5	Horwitz, W	6288
Edwards, P	5876	Gale, C	6013	6002, 6030,	6191	Howard, B	5732
Edwards, W S	5996	Galipault, J B	6423	Hanson, R P	5934	Howard, E B	6048
Eggert, M J	599 7	6424, 6425,	6426	6092		Howard, F L	5749
Ehrman, L	5683	6427, 6442		Hanson, W J	5483	Howarth, J A	6170
Eidelman, M	6279	Galton, M	6002	Happich, F A	6031	Howe, R W	5490
Eiduson, H P	6280	Galvez, G E	5788	Hardin, L J	6287	Howell, D G	6049
Ellingboe, A H	5820	Gardiner, E E	6014	Hardings, S K	6032	Hoyt, C P	5860
Elliot, J G	5899	Gardiner, M R	6015	Harker, K W	6023	Hubben, K	6050
Ellis, W W	6313	6016		Harms, R H	6033	6051	
Elsaid, H M	5781	Garg, S P	6017	6162		Huck, R A	5974
Elson, P F	6267	Garner, E	6010	Harper, C R	6431	Huebner, R J	5964
Elzinga, R J	6211	6039		6432		Huey, W S	6008
Emerson, K C	5465	Garrigus, U S	5975	Harper, J A	6034	Huffaker, C B	5903
5466, 5467,	5468	Gelenczei, E F	6018	Harper, J L	5738	Hughes, L E	6052
5543, 6212	E000	Gelperin, A	5609	5902	E 0.	Hughes, W F	5967
Emery, R S	5998	Gentry, R F	5967	Harrendorf, K	5484	Huisman, E A	6292
Enns, W R	5439	George, W	6405	Harris, E C	5700	Hummadi, M K	5625
5469, 5620,	5657	Gerard, W T	6037	Harris, K M	54 85	Hung, Y P	5892 5491
5853	60F1	Gershman, L L	6282	Harris, R L	54 86	Hungerford, H B	5491
Enold, G L Eppson, H F	6051 6313	Gerwitz, D L	5789 6283	Harris, S A	5728	5492, 5493,	5494 5495
Erwin, F	6313 6410	Getz, M E	6283 638 1	Harris, T H	63 85 54 87	Hunter, P E	3493
22,111, 1	0410	6284, 6380,	0301	Harris, W V	54 8 7	5626	

AUTHOR INDEX

Mendoza, C E Menefee, B S Menke, A S Menyonga, J M Menzie, C M Meredith, W E Hurd Jr, P D Hurd, P D 5627 Low, D G Lowen, W K Klein, G M Klein, M Lower, W K
Lucaroni, A
Lucas, J M S
Lucey, E C A
Lugenbuhl, R E
Lundvall, R L
Lupcho, P
Lutz, P L
Lyken, L Kleinman, A Kline, O L Husain, M Kline, O Kloss, J G Knight, K L Knoerlein, R G Knutson, L V Kobayashi, T Hutchins, P C Hutchinson, T C 5804 Messenger, K Metcalf, R L 5642 Hwang, J Hwang, J C 5755 5628 5813 Ichikawa, S 62.36 Mettrick, D F Ide, F P Ileri, S Z Itoh, T Ives, F Kodama, T Koeman, J H Lyttle, C N Meyer, C F Michel, J F Koeman, J H
Koenig, R
Koerwitz, F L
Kook, J A P
Koone, H D
Kopp, L E
Koss, R
Kosuge, T
Kradel, D C
Kraft, J M
Krantz, G W
Krause. G F Ives, F 6410 Maccarthy, H R Michener, C D 5527, 5643 Michener, E D Middlekauff, W W Machlin, L J Jack, M Jack, M
James, L F
Jameson Jr, E W
Jarvis, J I
Jenkins, M
Jenkins, W R
Jenny, J
Jerstad, A C
Jeska, E L
Jinahyon, S
Johnson, C
Johnson, C A Macintyre, I J
Mack, T M
MacLeod, A K
MacRae, H F Millar, R L Miller, A W D Miller, A W D
Miller, L P
Miller, L P
Miller, R F
Miller, W E
Mills, J H L
Mills, P A
6298, 6302
Miner, F D
Minter, D M
5500 MacRae, H F Mahoney, D F Mahrt, J LeR Mai, W F Major Jr, A Krantz, G W
Krause, G F
6291
Krauss, W C
5932
Krauss, W E
Kresse, J I
Krista, L M
6187
Kronfeld, D S
Kubo. H 6058 6295
Major, A
Malanoski, A J
Malhotra, S S
Mankau, R
Mansfield, M E Johnson, C A Johnson, J E Johnson, L 6289 5905 Mircetich, S M Mitchell, C J Mitchell, L C Mansfield, M E Margolis, G Marks, E P Marples, B J Marr, J D M Marsboom, R Marshakl, R R Marshall, A G Marshall, B Marshall, C V Marshall, C V Johnson, L F Kronreld, D S
Kubo, B
Kunkel, J F
Kurczewski, F E
5638
LaBerge, W E
LaBrecque, G C
Laffoon, J L
Lancaster Jr, J L Johnson, R E Johnson, R H 55 18 6401, 6402, Mitchell, W G Johnstone, H C Jones, A W 5702 Miyamae, T Moats, W A Moddes, R Mohler Jones, E M Jones, H C 6352 5704 Jones, M P Moddes, R Mohler, S F Mohler, S R Monsbourgh, M J Jordan, A M Jordan, H E Marston, N
Marston, C H
5521,
Marty, E W
Marvin, P H 6206 Lancaster, J L Lancaser, U
Lancaser, R N
Lauck, D R
Laug, E P
6293 Jungk, N Kadin, H Monsbourgh, M J
Moore, G E
Moore, G J
Moorhead, P D
Morgan, A
5921
Morgan, W J B
Morimoto, R Kadoum, A M 60 18 Kahrs, A J Kajita, H Kalvaitis, A Masri, S S Massey, D M Lavigne, R Lawrence, C B Lawrie, R A Lawson, D E Massini, P Matechi, H T Kanavel, R F Mather, F B Mather, G W Kaneko, J J Kaneko, Y 5785 Morimoto, T Morin, E W Kaneko, Morin, E W Morris, A L Morse, G E Mather, G W
Mather, W J
6180
Mathieu, J M
Mathieu, L G
Matsuda, R
5492, 5493,
Matterson, L D
6131 Lawson, E Q
Lawson, F A
5510, 5586,
Lawson, G H K
Le Clair, R A
Le-Riche, P D Karandinos, M G 6232 Morris, A L
Morse, G E
Mortenson, M A
Mostafa, A K M
Moulton, J E
Moure, J S
Mourier, H
Mueller, W C
Mueller, W J
Mulhern, T D
Muma, M H
5532, 5646
Munford, R E
Munro, J
Munsee, J R
Murakami, Y Kassai, T Kassanis, B Kaufmann, B H Kearn, G C Keeley, L L Keeley, P E 6256 5633 54 94 Leben, C 5817 Lee, G G Keenleyside, M H A Mawdesley-Thomas, L Keenleyside, E Kelley, G W Kelman, A Kemp, R I Kendrick, E L Kendrick, J W Kennedy, B W Kenzy, S G 6180 5774 Lee, G G Leeson, J E Leigh, B L Leonard, M D 5512 Maxfield, H Maxfierd,
Mayes, R
Mccambridge, W F
McChesney, E W
McDaniel, H A
McDiarmid, A
McDonald, N
F H 5720 Leonard, M D
5512
Lepore, P D
Lesslie, I W
Levine, P P
Levine, S
Lewis, D J
Lichtwardt, R W
Lieberman, M
Lien, J C
Lincoln, C G
Lindberg, G D
Linsley, E G
5454, 5497,
Lippke, H
Littlefield, L J
Liu, S-k 5533 Munsee, JR Murakami, Y Murata, M 6102, Murdoch, JC Mustard, JP Nadchatram, M Naithani, RC Nakanishi, T 6074 6180
Keppel, G E
Kerfoot, W B
Kerr, H D
Kerr, K M
Kerwin, J A
Khalaf, K T
Khalil, M T M
Khan, A H
Khan, N H 5910 McEntee, K 6076 McFarren, E F McGillivray, W A 5534 McKay, K A McKercher, D G 5811 Nakas, M Namioka, S 6102, Nash, N I Nayar, G G McKinley, G G 6413 Khanna, P N Kienholz, E W 6413
McKinley, W P
6321, 6326,
McLean, G S
McLoughlin, P
Mcmillian, W W
5990 Kilham, L Kilian, J G Liu, S-k Lloyd, A B Lloyd, L S Nayar, G G
Nayar, J K
Neave, F K
Neff, A W
Neff, S E Kimble, K A King, D King, J O L Locke, L N
6076
Lockwood, J L
Lockwood, J L
Lockwood, J T
Long, D W
Long, P L
Long, P L N B Nelsen, D Nelson, S O King, N 6128 McNabb Jr, B S McNabb Jr, B S
McWhorter, F P
Meadows, K E
Medler, J T
Meifert, D W
Meinecke, C F
Melendez, L V
Melvin, J F King, S B Kirk, R E Nemec, S Nesheim, M C Neumann, F Newberne, J W Newman, J Newsam, I D B 5523 Kirkham, W K Kistner, D H 5501 Long, P L Loomis, B F 5515, 5516, Lovelace, S A Lovell, R 5514 Klaassen, H E Klein, A K 6389 55 17

PAGE 139

Newsam, I D B

AUTHOR INDEX

Nilsson, Ls

niiionou, in							
Nilsson, Ls	6106	Prebble, M L	5542	6080		Singh, B M	6366
Nisbet, D I	6252	Prestwood, A K	6139	Rooney, J R	6151	Singh, K R P	5569
Nishida, T	5872	Price, R D	5465	Rose, J H	6241	Singh, S R	5663
Nobel, T A	6107	5543, 5544,	6214	Rose, M E	6242	Singsen, E P	6127
	6108	6215	02 14		5895		6247
Nockels, C F			6026	Rosher, P H Rosinski, M A		Sinha, D P	
Noel, P R B	6084	Price, T H	6036		5764	Slater, J A	5560
Northam, J I	5736	Pridham, J B	6358	Roth, L M	5604	Slinger, S J	6164
Norval, J	5983	Prier, J E	6130	5660	5075	Sloman, K G	6409
Noveroske, R I	6396	Prince, R P	6131	Rouse, P	58 7 5	Smith, C K	5979
O Conner, J R	6059	Pruess, K P	5637	5877		Smith, F R	6332
O Donnell, A E	6261	Puchal, F	6132	Rowntree, P G M	6152	Smith, J B	5733
6262		Purves, D	5939	Rowsell, H C	6330	Smith, L M	5561
O Donovan, J	6239	Puttler, B	5652	Royce, R	60 16	5562	
O Meara, D C	5978	Quastel, J H	6359	Ruckes, H	5 5 51	Smith, L W	5657
Ogasawara, F X	6435	Quate, L W	5481	Rund, R C	64 06	Smith, M R	6434
Okazaki, W	6011	5545		Ryckman, A E	5553	Smith, M S	5 71 8
Oldroyd, B	6016	Quiaoit, E R	5653	5554		Smith, R E	5602
Olesiuk, O M	6109	Quin, L D	6405	Ryckman, R E	5552	Smith, S C	5995
Olsen, L E	5553	Radinovsky, S	6433	5553, 5554,	5699	Smith, W W	5 7 1 2
Olson, N O	6061	Radovsky, F J	5546	Sabara, A G	6046	Smittle, B J	5593
6110, 6111		Raggi, L G	6133	Sachs, R M	6361	Snetsinger, D C	6165
Oman, P W	5535	Rahman, J	5654	Sagar, G R	57 38	Snow, J W	5664
Onley, J	6306	Rai, L	5655	Sahli, M S	6362	5665	
Onley, J H	6302	5710		Sailor, R I	5555	Socolar, S J	5639
Oram, P A	5908	Raines, T V	6134	Sainsbury, D W B	6153	Soderstrom, E L	5563
Ortenzio, L F	6328	Rajagopalan, P K	5569	Sakimura, K	5556	5663, 5879	3303
	6112	Rall, G	5755	Salfelder, K	6154	Sojka, W J	6175
Ose, E E 6113	0112		6135		6407		5686
Osebold, J W	6114	Rammell, C G Ramsey, L L	5719	Samuel, B L Sanders, P D	6438	Sokal, R R 5687	5000
			3713				6712
Ott, D E	6286	6304 Pandlo S B	5710	Sandhinand, U	5558	Soper, F L	5713
ott, W H	6115	Randle, S B	5719	Sanford, P E	6243	Sparrow, A H	6351
Oudejans, R C H M	6292	Rankine, B C	6258	Sanger, V L	6013	6357	
Page, L A	6116	Ranney, A F	6136	6128, 6155		Sprague, I B	5666
Painter, E M	5537	Rao, M V	5830	Sargent, J A	6363	Springer, P F	5696
Painter, R H	5536	Rapp Jr, W F	5547	Sarten, C T	6287	Stammbach, K	6379
553 7		Rapp, J P	6137	Sassoon, H F	6156	Starks, K J	5866
Pan, I	6117	Raymond, G	6209	Sato, G	6094	5880	
Panisset, J C	6118	Raynaud, J P	6138	Sato, S	6201	Stedman, R L	6272
Papp, C S	5538	Read, S I	6297	Saunders, D S	5557	Stegmaier, C E	5667
Parizek, W J	6010	6326		Savan, M	6146	5881	
Parke, G	5995	Reagan, E P	6329	Savary, G	6327	Steinhauer, A L	5564
Parker, R L	5648	Rebello, M J	5569	Sawicki, R M	5661	Steinhaus, E A	5668
Parkhurst, R T	6119	Rebers, P A	6038	Scanlon, J E	5558	Stephan, L E	6166
Parnell, J R	5707	Rebois, R V	5888	Scarr, M P	6264	Stephen, G C	5731
Pascal, R R	6120	Reed, D K	5594	Schoeneman, R L	6408	Stephen, W P	5564
Patnaik, B	6121	Reid, W M	6139	Schricker, R L	6030	Stephens, J F	6249
Patterson, D F	5989	6221, 6240		Schwartz, L D	5988	Stessel, G J	5771
6050	3303	Reilly, T J	6360	Schwebel, A	6268	Stetson, L E	5629
Payfer, R	6369	Reinhard, H J	6140	Scott, G R	6081	Stevens, A J	6167
6370	0303	Reith, J W S	5737	Scott, H G	5662	Stevenson, R G	6168
Payne, D D	5978		6141	Scott, L C	6331	Stewart, J M	6068
	6122	Reynolds, H A	6002		5968		6169
Pearson, E G	6278	Rhoades, H E 6030	0002	Scott, M L	6157	Stipkovits, L	5662
Pease, H L Pedersen, J R	5424		6142	Seawright, A A		Stojanovich, C J	6019
		Rhoades, K R		Seetharam, P L	5682	Stone, H D	6305
Pepper, W F	6164	Rhoades, W C	5548	Selander, R B	5559	Storherr, R W	6410
Perry, M L	5951	5656	6142	5878	55.05	6306, 6333,	
Peter, C P	6123	Rhodes, W H	6143	Selhime, A G	5595	Storrs, E E	5765
Peters, D C	5867	Riaz, N	5654	5631	5005	Storz, J	6170
Peterson, A	5539	Ribble, D W	5549	Sell, J L	5985	Strandtmann, R W	55 65
5649, 5650	5767	Ricard, J L	6259	Seneviratna, P	6244	5566, 5567	6000
Peterson, J L	5767	Richard, C G	6137	Sethi, K K	6154	Straub, O C	6088
Pfadt, R E	5864	Richards, M A	6144	Sevoian, M	5967	6170	5005
Phillips, D V	5753	Richards, W P C	6145	6158, 6159	5024	Strout, R G	5995
Phillips, W V	5982	6146	(447	Shalaby, R A F	583 1	Stuart, L S	6328
Pianka, M	5780	Richey, D J	6147	Shekosky, J M	6324	Stula, E F	6028
5827	6011	Riemann, J G	5600	Shephard, B P	5959	Sudia, T W	6395
Piraino, F	6011	Rigdon, R H	6148	5960	6000	Sudia, W D	5706
Pirie, H M	6003	Riley, R C	5617	Sheridan, B W	6098	5714	
Pirone, T P	6394	Ritchie, J N	6149	Shirer, J F	6051	Sugahara, M	6171
Pitre, H N	5873	Ritchie, N S	6040	Sholdt, L L	5598	6172	
Pizzarello, D J	6124	Roan, C C	5655	5599		Sullivan, D J	5952
Plastridge, W N	6004	5710, 6291		Short, T R	6245	Surtees, G	6263
6028		Robb, P L	5553	Shotts, E B	6037	Sutmoller, P	6012
Platonow, N	6125	Roberson, R H	6007	Shuman, R D	6160	Suzuki, N	5832
Polhemus, J T	5451	Roberts, D H	6109	6161		Svetlicic, B	6334
Pomerantz, C	5709	Roberts, D R	5657	Sibbald, I R	6164	Swangard, W M	6206
Pomeroy, B S	5992	Roberts, R B	5658	Siccardi, F J	6165	Tadic, M	5674
6165		Roberts, S J	6126	Siddiqi, A H	6236	5679	
Pond, W G	6126	Robertson, L	6001	Siegel, H S	6072	Tammemagi, L	5966
Porter, D B	6134	Robinson, D W	5909	Siegelman, H W	6364	Tappan, W B	5669
Porter, D M	5828	Robinson, H	5550	Sierens, G	6083	Tayler, R S	5918
Porter, T W	5540	Robinson, H L	6150	Sijpesteijn, A K	6365	Taylor, L	6173
Potter, J W	5829	Robocker, W C	5910	Simco, J S	6216	Taylor, M M	6230
Potter, L M	6 127	Robson, D S	5982	Simesen, M G	6067	Taylor, R H	5799
Pounden, W D	6128	Roessler, P	5711	Simmons, G C	5943	Teetor, D	6443
			5659	Simmons, K R	6126	Tekeli, S	6174
6303		Rogoff, W M	3033				
6303 Powell, J A	5541	Rolston, L H	5875	Simpson, C F	6162	Terlecki, S	6175
	5541						
Powell, J A	5541 6129	Rolston, L H		Simpson, C F	6162	Terlecki, S	6175 6176 6336
Powell, J A 5851, 5874		Rolston, L H 5876, 5877	5875	Simpson, C F Sinclair, J B	6162 5748	Terlecki, S Thackrey, D J	6175 6176

Thompson, J D	5982	Webster, C	6327
Thompson, R H	6179	Weekman, G T	5844
Thompson, S R	5688	Weiser, H H	5920 5613
Thompson, W L Thornton, G W	5590 6316	Wellso, S G Welte, E	5740
Thornton, P A	6177	Werner, W	5740
Threlfall, W	6248	West, A S	5611
Thursby-Pelham, R H	6335 6190	Wetter, C Wheat, J D	5835 6339
Tibola, B J Timberlake, P H	5568	Wheatley, P E	5673
Tlustohowicz, J J	6127	Wheeler, G C	5572
Todd, A C	6227	5885	5572
Todd, J C Todd, J R	5706 6178	Wheeler, J 5885	5572
6179		Whitcomb, W H	5674
Torchio, P F	5444	5856, 5883	(240
5882 Trapido, H	5569	White, P G White, P J	6340 5695
Tremaine, J H	5752	White, T T	6412
Tripathy, S B	6180	6413	6426
Trost, L M W Troxel, A W	5570 5773	Whittam, D Wickman, J E	6436 6341
Trpis, M	5624	Wiens, D L	5796
Truscott, R B	6181	Wiens, D L Wight, P A L	6192
Tuff, D W Tugwell, P	6217 5670	Wilbur, D A Wilcox, J	5879 5573
Turk, D E	6249	Wilcoxon, R D	6395
Turk, R D	6250	Wilkinson, J D	5675
Turner, L W	6182	Wilkinson, R C	5574 6229
Ugochukwu, E N Underdahl, N R	5911 6202	Williams, C W Williams, E L	5944
Urguhart, G M Uyemoto, J K	6219	Williams, M C	5897
Uyemoto, J K	5793 6336	Williams, R N	5575
Valentine, H D van der Kerk, G J M	6365	Williamson, J H 6193	5689
Van Iderstine, A	6115	Williamson, W M	6337
Van Krey, H P	6435	Willson, J E	6316
Van Roekel, H Van Ryzin, R J	6109 6058	Wilson, B H Wilson, D W	5676 6367
Vandekar, M	6334	Wilson, G F	6005
Vandersall, J H	6303	Wilson, W C	6368
Vanderzant, E S VanDuyn, R L	5671 6113	Wilson, W T Wing, P C	56 1 3 6 1 9 4
VanGundy, S D	5894	Wingfield, M	5876
Varma, M G R	5569	Winsor, G W	5741
Verrett, M J Verts, B J	6293 6183	Winter, A R Winterfield, R W	5920 6045
Vickers, C L	6336	6195, 6196	0045
Voris, J C	5950	Wiseman, J S	5576
Waddington, F G Wadsworth, J R	6184 6337	Wolfenbarger, D A Wood, B J	5677 5836
6338	0337	Wood, F E	6437
Waggoner, P E	5833	Wood, G R	5577
Wagner, W C 6185	5982	Woodring, J P Workman, R B	5587 5678
Waitel, B E	6186	Wright, N S	5837
6187		Wright, R G	5578
Waibel, P E Wain, R I	6165 5911	Wright, W W 5744	5742
Waite, R	6188	Wylie, W D	5679
6189, 6345		Yakabe, H M	6269
Wakelin, D Waldroup, P W	6251 6033	Yamamoto, R 5950, 6197	5949
6162	0033	Yang, Y H	6198
Walker, D F	6317	Yasumatsu, K	5886
Walker, J C Wall, M L	5834 5883	Yearian, W C 5838	5712
Wallace, J	5739	7638 Yip, G	5745
Wallace, W C	6293	6308, 6414	
Wallenstein, W L Waller, E F	6190	Yoder Jr, H W	6199
Walton, M S	5978 6293	6200 York, C J	5954
Wamberg, K	6056	Yoshida, I	6201
Ward, G M	6367	Young, G A	6202
Ware, J H 6439	6411	Young, G B Young, S	6203 6204
Warren, I O	5426	Yuen, S H	6373
5838, 5846	5574	Zajane, A	6017
Wasbauer, M S Waterhouse, D F	5571 5912	Zander, D V Zee, Y C	5967 6205
Watkins II, j P	5672	Zlotnik, I	6252
Watko, L P	6038	Zuschek, F	6206
Watrach, A M Watson, J N	6191 5916	Zweig, G	6271
6345	33,10		
Watts, C H S	6210		
Watts, J O Watts, R E	6307 6381		
6410	5501		
Weaving, A J S	5884		



	ORGANIZ	ATION INDEX	
Agricultural Experiment Station, Gainsville, Florida	5574	Research Station, Frederickton, N.b.	5825
Agricultural Institute, Dunsinea, Dublin, Ireland Animal Production Division	6226	Canada Department Of Agriculture Research Station, Vancouver	583 7
Agricultural Institute, Johnstown Castle, Wexford, Irela 5724		Canada Department of Agriculture Research Station, Vancouver, B.c.	581 9
Agricultural Res. Council Weed Res. Org., Oxford, Englan National Agricultural Advisory Service	5900	Canada Department of Agriculture, Belleville Research Branch	F704
Agricultural Research Council Weed Research Org., Englar 5899		Research Institute Canada Dept Of Agriculture, Hull, Quebec	5721
Agricultural Research Council, Compton, Newbury, Berkshi Institute For Research On Animal Diseases.	6086	Animal Diseases Research Division Health Of Animals Branch	6087
Agricultural Research Council, Edinburgh Poultry Research Centre	6192	Canada Dept Of Agriculture, St. Catharines, Ontario Research Laboratory	575 2
Agricultural Research Council, Slough, Bucks Pest Infestation Laboratory	5490	Canada Dept. Of Agriculture Analytical Chemistry Research Service	6386
Agricultural Research Station, Buentehof, Germany Ahmadu Bellu University, Samaru, Zaria, Northern Nigeria	5 7 40	Canada Dept. Of Agriculture Plant Products Division	6369
Institute For Agricultural Research	6260	Canada Dept. Of Agriculture, Fredericton	6353
Alabama Polytechnic Institute, Auburn Alberta Department Of Agriculture, Edmonton, Alberta, Ca	6182 inada	Research Station Canada Dept. Of Agriculture, Nappan, N.S.	6014
Veterinary Services Branch	6424	Canada Dept. Of Agriculture, Ottawa	5480
Veterinary Laboratory American Cyanamid Co., N.J.	6421 6411	Canada Dept. Of Agriculture, Ottawa Forest Biology Division	5542
American Cyanamid Co., Princeton, N.J.	6439	Canada Dept. Of Agriculture, Ottawa, Canada	3312
American Cyanamid Company		Plant Products Division	
Lederle Laboratories Viral And Rickettsial Section	6074	Analytical Control Laboratory Method Development Unit	6370
American Museum Of Natural History		Canada Dept. Of Forestry, Calgary	5792
Dept. Of Insects And Spiders American Scientific Laboratories, Inc., Madison, Wis.	5551	Chicago Academy Of Sciences Chico State College, Calif.	5508 5501
6340		Citrus Experiment Station, Lake Alfred, Florida	5531
Amino Feed Co., Ltd., Yokohama		Citrus Experimental Station, Lake Alfred, Florida	5590
Research Laboratory Angell Memorial Animal Hospital, Boston, Mass.	6171 6316	Civil Aeronautics Board Bureau Of Safety	6428
Animal Breeding Research Organization	6203	Clemson College, Clemson, S C	5890
Animal Diseases Research Institute, Hull, P.Q., Canada		Clemson College, Columbia, S.C.	(226
6125 Animal Health Research Center, Entebbe, Uganda	6023	Diagnostic Laboratory Clemson University	6336
Animal Research Station, Wallaceville, New Zealand		Poultry Science Department	6249
Dept. Of Agriculture	6035	Clemson University, S.C. 5947	5948
Archer-Daniels-Midland Co. Arizona State University	6388 59 1 3	Clemson University, S.C. Poultry Dept.	5946
Arkansas State College 6261	6262	Coffee Research Station, Ruiru, Kenya	5673
Army Chemical Center, Md. U.S. Army Chemical Research And Developement Laborator	ri oc	College Of Education, Baghdad, Iraq College Of Veterinary Medicine, Urbana, Ill.	5500 6191
Biophysics Division	6122	College Of Veterinary Medicine, Urbana, Illinois	6030
Atomic Energy of Canada Ltd., Biology Branch	6350	Colonial Termite Research Unit Colorado Agricultural Experiment Station, Fort Collins	5487
Atomic Energy Research Establishment, Harwell, England	E024	Dept. Of Poultry Husbandry	6 177 5776
Health Physics Division 5918 Auburn University, Auburn, Ala. School Of Veterinary Medicine	5921	Colorado State University, Fort Collins 5754 Colorado State University, Fort Collins, Colorado Columbia University, College of Physicians and Surgeons	6367
Dept. Of Pathology And Parasitology	63 17	Department of Physiology,	
Australia Department of Agriculture, W.a.	6015	Cell Physics Laboratory	5639 5505
Animal Division. Australian Wine Research Institute, Adelaide	6015 6258	Committee On Common Names Of Insects. Connecticut Agricultural Experiment Station	5833
B.p. Bishop Museum, Bonolulu	5545	Copters Unlimited, Warwick, R.I.	5739
Baghdad University, Iraq College Of Medicine		Cornell University 5968 Cornell University	6194
Dept. Of Bacteriology, Parasitology And Pathology	6220	Dept. Of Entomology And Limnology	5440
Baywood Chemicals Ltd., Bury St. Edmunds	6068	Cornell University, Ithaca, N Y	5760
Bedford College, London, Department of Zoology	6251	Cornell University, Ithaca, N.Y. 5470 5471 5807	5794
Bell Exterminating Company, New York, N.Y.	5709	Cornell University, Ithaca, N.Y.	
Board Of Agriculture And Forestry, Honolula, Hawaii Bonman Gray School of Medicine	5479	Dept. Of Entomology Cornell University, Ithaca, New York	5638
Department of Radiology	6124	Department of Entomology and Limnology	5636
Borax Consolidated Ltd., London	E000	Cornell University, Ithaca, New York Dept. Of Entomology	EEOU
Agricultural Dept. Botanisches Institut Der Universitat, Erlangen, Germany	5908	CSIRO	5504
6348		Sirex Biological Control Unit, England	5584
Botkins Grain And Feed Co., Botkins, Ohio Boyce Thompson Institute, Yonkers, N.Y.	6331 6376	Dairy Research Institute (n.Z.), Palmerston North, N.Z. 6355 6356	
Brookhaven National Laboratory	0370	Dept. Bealth, Education, And Welfare	
Biology Department, Upton, N.y.	6357	Food And Drug Administration	6301
Bureau Of Poultry Inspection Pcr California, Monterey Pa Animal Industry Division	6056	Dept. Of Agriculture, Ottawa, Ontario, Canada Dept. Of Agriculture, W. Australia	5733
Bureau Of Sport Fisheries And Wildlife	5426	Animal Bealth Laboratory And Botany Branch	6016
Buxted Chicken Co. Ltd., Uckfield, Sussex C.s.i.r.o. Veterinary Parasitology Laboratory, Brisbane	6041	Dept. Of Agriculture, Wellington, New Zealand Wallaceville Dairy Laboratory	6 135
Division of Animal Health	6237	Dept. Of Bealth, Education And Welfare	
C.S.I.R.O., victoria, Australia Fodder Conservation Section	5734	Division Of Food Dept. Of Health, Education, And Welfare	6402
California Dept. Of Agriculture California Dept. Of Agriculture, Fresno	5848	Food And Drug Administration 6275 6280 6320 6322 6333 6401 6403	6298
Division Of Animal Industry Livestock And Poultry Pathology Laboratory	5991	Dept. Of National Health And Welfare, Canada Dept. Of National Health And Welfare, Canada	6321
California State Dept. Of Public Health		Food And Drug Laboratories 6326	6327
Bureau Of Vector Control Canada Department of Agriculture	5708	Dept. Of National Health And Welfare, Ottawa, Canada Food And Drug Directorate 6198	6297

	ORGANIZA	ALION INDEA	
Dept. Of Public Health, Bristol, England	5956	Howard College, Birmingham, Ala.	
Dept. Of The Navy, Washington, D.C.		Dept. Of Biology	5619
Bureau Of Medicine And Surgery	5502	Hughes Tool Co., Culver City, Calif.	
Dept. Of Veterinary Science, Amherst, Massachusetts	6159	Aircraft Division	5731
Dept. Of Veterinary Services, Kenya	6213	Huntingdon Research Center, Huntingdon	
Diamond Laboratories, Des Moines, Iowa	6206	Department of Pathology	6084
Division Of Geigy Chemical Corp., Ardsley, N.Y.	6440	Illinois Natural History Survey 5698	6183
Duke University	CHOS	Indian Veterinary Research Institute, Izatnagar, India	
Dept. Of Chemistry	6405	6222 Trestitute For Medical Recearch Vuela Tumpur Malaysia	
E.I. du Pont de Nemours And Co., Inc. Industrial And Biochemicals Dept.	6397	Institute For Medical Research, Kuala, Lumpur, Malaysia 5534	
E.i.duPont de Nemours And Co., Wilmington, Del.	0337	Institute For Organic Chemistry, T.N.O., utrecht, Neth.	
Industrial And Biochemicals Dept.		6365	
Experiment Station	6278	Institute Of Plant Protection, Pulawy, Poland	5438
East African Virus Research Institute, Entebbe, Uganda		Institute Of The Hungarian Academy Of Sciences, Budapest	t
5618		Veterinary Medical Research Institute	6169
Edinburgh University		Instituto Bacteriologico De Chile, Santiago	6012
Department of Bacteriology	5983	Internal Revenue Service	6400
Eli Lilly And Co., Greenfield, Ind.	6112	Alcohol And Tobacco Tax Division Laboratory	6408
Agricultural Research Center Eli Lilly And Company	6112	International Cooperation Administration International Paper Company, Bainbridge, Ga.	5503 5778
Greenfield Laboratories	6113	Iowa State University	5867
Encephalitis Research Center, Tampa	5523	Iowa State University of Science and Technology	5461
Entcmological Society Of America 5481	5641	5805 6075 6085 6123	
Entcmological Society Of America. 5581	5703	Iowa State University Of Science And Technology	
Entomological Society Of America, Memphis, Tenn.		Veterinary Medical Research Institute	6199
Cotton States Branch	5705	Iowa State University, Ames 5779 5795 5997	6200
Entcmology Research Institute, Ottawa	5611	Iowa State University, Ames	
Erwin, T 5459	5606	College Of Veterinary Medicine	
Fassouri Plantation, Limassol, Cyprus	5836	Veterinary Medical Research Institute	6080
Federal Aviation Agency, Oklahoma City, Okla. Office Of Aviation Medicine		Dept. Of Veterinary Medicine And Surgery Iowa State University, Ames	0000
Civil Aeromedical Research Institute	6432	Dept. Of Bacteriology	6065
Federal Aviation Agency, Oklahoma City, Oklahoma	0.752	Jealott s Hill Research Station, Berks., England	0000
Office Of Aviation Medicine		Plant Protection, Ltd.	5720
Civil Aeronautical Research Institute	6431	Kaduna, Northern Nigeria	
Fisheries Research Board of Canada, St. Andrews		West African Institute For Trypanosomiasis Research	
Biological Station	6267	5704	
Florida Agricultural Experiment Station		Kansas Agricultural Experiment Station, Manhattan	5509
Dept, Veterinary Science	6162	Kansas State College, Manhattan	5585
Florida Agricultural Experiment Station, Gainesville	6033	Kansas State College, Manhattan	5536
Florida Agricultural Experiment Station, Leesburg.	5775	Dept. Of Entomology	5536
Florida Department of Agriculture, Hialeah Division of Plant Industry		Kansas State University 5710 Kansas State University	5879
Florida State Collection of Arthropods 5667	5881	Department of Dairy and Poultry Science	5928
Florida Entomological Society	5656	Kansas State University	3320
Food And Agriculture Organization Of The United Nations.		Dept. Of Entomology	5865
6184		Kansas State University, Manhattan 5424 5537	5563
Food And Drug Administration		5580 5592 5653 5655 5663 5672	6243
Division Of Food 6288	6389	6291	
Food And Drug Administration		Kentucky Agricultural Experiment Station, Lexington	
Division Of Microbiology	6332	Dept. Of Animal Pathology 5959	5960
Food And Drug Administration	6293	Kyoto University, Faculty of Agriculture, Kyoto, Japan	6351
Division Of Pharmacology Food And Drug Administration, Baltimore, Md.	6371	Laboratory of Genetics Kyoto University, Kyoto, Japan	0331
Food And Drug Administration, Cincinnati, Ohio	6276	Faculty Of Science	
6277 6290	02.0	Dept. Of Botany	5757
Food And Drug Administration, Denver, Colo.	5719	Kyushu University, Fukuoka	
Food And Drug Administration, Washington D.C.		Faculty of Agriculture	
Division Of Food	6305	Laboratory of Biochemistry	5787
Food And Drug Administration, Washington, D.C.		L And M Laboratories Inc., Berlin, Maryland 6045	6196
Bureau Of Field Administration 6289 6294	6295	L And M Laboratories, Inc., Berlin, Maryland	6 19 5
Food And Drug Administration, Washington, D.C.	C7111	Littlehampton, Sussex, England	5800
Division Of Antibiotics 5742 5743 Food And Drug Administration, Washington, D.C.	5744	Glasshouse Crops Research Institute Livestock Research Station, Bihar, Patna, India	6129
Division Of Food 5735 5745 6274 6279	6281	Loma Linda University	
6283 6284 6299 6302 6306 6307	6308	School Of Medicine	
Food And Drug Administration, Washington, D.C.		Dept. Of Microbiology 5552 5553	5554
Division Of Microbiology	5456	London School Of Hygiene And Tropical Medicine	5616
Food And Drug Administration, Washington, D.C.		London School Of Hygiene And Tropical Medicine.	5597
Division Of Pharmacology	6269	5684 5685	
Forest Products Research Laboratory, Princes, Risborough	1	Louisiana State University and Agr. and Mech. College	
5700 Conoral Foods Corp. Tarrytown N. V.	6409	5575 Louisiana State University, Baton Rouge 5587	5748
General Foods Corp., Tarrytown, N.Y. Genetics And Plant Breeding Research Inst., Ottawa, Cana		Louisiana State University, Baton Rouge 5587 5781 5784 5790 5891 6344 6394	3740
5770	iua	Low Temperature Research Station, Cambridge, Mass.	6257
Glasshouse Crops Research Institute, Rustington, England	1	Macaulay Institute For Soil Research, Aberdeen, Scotland	
5741		5737	
Glaxo Laboratories, Ltd., Glaxo	6049	Massey College, Palmerston North, New Zealand	
Government College, Darjeeling, West Bengal, India		Biochemistry Dept.	6349
Department of Zoology	6225	Massey University College Of Manawatu, New Zealand	6005
Hannah Dairy Research Institute, Ayr, Scotland	6188	May And Baker, Ltd., Ongar, Essex	6070
Hannah Research Institute Avr. Scotland	6100	Veterinary Research Station 5937	6079
Hannah Research Institute, Ayr, Scotland Hokkaido University, Sapporo, Japan	6189	McGill University	6359
Faculty Of Veterinary Medicine		Biochemistry Dept. Medical Research Laboratory, Nairobi, Kenya	0333
Dept. Of Epizootiology	6094	Division Of Insect-borne Diseases	5528
Houghton Poultry Research Station			
noughton routery Research Station	6235	Medical Research Laboratory, Nairobi, Kenya	
Houghton Poultry Research Station, Houghton, Huntingdon	6235	Medical Research Laboratory, Nairobi, Kenya Division Of Insect-borne Diseases.	5529
	6235	Medical Research Laboratory, Nairobi, Kenya	5529

6115 Michigan State University, East Lansing 5768	5820	Norwich Pharmacal Company Division of Chemistry	
5979 6396		Biochemistry Section Norwich Pharmaceutical Co., Norwich, N.Y. 6059	6229 6 13 4
Michigan State University, East Lansing Dept. Of Zoology	5540	Norwich Pharmaceutical Co., Norwich, N.Y. 6059 Ohio Agricultural Experiment Station, Wooster	5759
Miller Chemical And Fertilizer Corp., Md.	6390	5817 6303	3,33
Ministry Of Agriculture, Fisheries And Food, Cambridge		Ohio Agricultural Experiment Station, Wooster	
Veterinary Investigation Centre	6052	Dept. Of Veterinary Science 6013	6155
Ministry Of Agriculture, Fisheries And Food, Weybridge		Ohio Agricultural Experiment Station, Wooster, Ohio	6392
Central Veterinary Laboratory 5953 6073	6 175	Ohio Agricultural Experiment Station, Wooster, Ohio	
Ministry Of Agriculture, Pisheries, And Food, London,	Eng.	Dept. Of Veterinary Science	6128
6149 Ministry Of Agriculture Northern Troland		Ohio Historical Society Museum, Columbus 5649 Ohio State University 5622 5681 5756	5650 5812
Ministry Of Agriculture, Northern Ireland Horticultural Centre, Loughgall, Co. Armagh	5909	5824 5990 6346	3012
Ministry Of Agriculture, Stormont, Belfast, Northern I		Ohio State University	
Veterinary Research Division	6179	College Of Engineering	
Ministry Of Agriculture, Stormont, Belfast, Northern I	reland	Dept. Of Aviation 6423 6424 6425 6426	6427
Veterinary Research Division	6.400	6442	
The Farm 6069	6178	Ohio State University	
Ministry Cf Agriculture, Sutton Bonington, Leicestersh Veterinary Investigation Laboratory	6006	Ohio Agricultural Experiment Station Dept. Of Botany And Plant Pathology	5816
Ministry Of Agriculture, Weybridge	0000	Ohio State University, Columbus 5753 5773	5818
Central Veterinary Laboratory 5974	6096	Ohio State University, Columbus	
Ministry Of Agriculture, Weybridge, England		College Of Veterinary Medicine	
Central Veterinary Laboratory	6241	Dept. Of Veterinary Physiology And Pharmacology	6029
Mississippi State University		Ohio State University, Columbus	6024
Aerophysics Dept. Ag-Aviation Research Section	6434	Dept. Of Veterinary Pathology Oklahoma State University, Stillwater	0024
Monsanto Chemical Co., St. Louis, Mo.	6132	College of Veterinary Medicine	
Montana Agricultural Experiment Station, Bozeman		Department of Veterinary Medicine and Surgery	5944
Montana Veterinary Research Laboratory	6204	Onchocerciasis Control Project, Khartoum, Sudan Republic	С
Montana State College, Bozeman	5488	5519	
Montana State University, Misscula	5478	Ontario Agricultural College, Guelph, Canada	6164
Dept. Of Zoology Montefiore Hospital, N.Y., N.Y.	3470	Depts. Of Poultry Science And Nutrition Ontario Veterinary College	0 10 4
Division Of Neurosurgery And Laboratory Division.	6120	Dept. Of Physiological Sciences	6330
Moredum Institute, Gilmerton, Edinburgh		Ontario Veterinary College, Guelph, Canada	
Parisitology Dept.	5977	Dept. Of Pathology And Bacteriology 6146	6181
Moredun Institute, Edinburgh	6252	Ontario Veterinary College, Guelph, Canada	C 4 11 F
Moredun Institute, Gilmerton, Edinburgh Animal Diseases Research Association 5940	5941	Divisions Of Pathology And Medicine Oregon Agricultural Experiment Station	6145
Moredun Research Institute	6168	Dept. Of Veterinary Medicine	6063
Muguga, Kenya		Oregon Agricultural Experiment Station, Corvallis	6034
East African Veterinary Research Organization	6081	Oregon State College	5520
Murphy Chemical Co. Ltd., Wheathampstead, England	5827	Oregon State College	EEDO
Murphy Chemical Co., Ltd., Wheathampstead, England Museum Of Comparative Zoology, Cambridge, Mass.	5780 5857	Dept. Of Entomology Oregon State College, Corvallis	5522
Muslim University, Aligarh, India	3037	Dept. Of Entomology	5564
Dept. Of Zoology	5654	Oregon State University 5432 5521 5688	5826
N.V. Philips Gloeilampenfabrieken, Eindhoven-netherla		5859 5862 5933 6259	
Philips Research Laboratories Nagoya University	5906	Oregon State University, Corvallis	5 7 63
College of Agriculture		Oregon State University, Corvallis Dept. Of Botany And Plant Pathology	5821
Department of Agricultural Chemistry	5785	P. Ballantine And Sons, Newark, N.J.	5578
National Aviation Trades Association 5723 6266	6443	Pan American Sanitary Bureau, Washington, D.C.	5713
National Bureau Of Standards, Washington, D.C.	6268	Patuxent Wildlife Research Center	6076
National Institute For Research In Dairying, Reading, 5907	U.K.	Bureau Of Sport Fisheries And Wildlife Patuxent Wildlife Research Center, Laurel, Maryland	6076 5980
National Institute of Agricultural Botany	5750	Pennsylvania State University	5500
National Institute Of Animal Health, Tokyo, Japan	6101	Department of Poultry Science	6099
6102 6103 6201		Pennsylvania State University, University Park	
National Pest Control Association	5701	Dept. Of Veterinary Science	5930
National Science Foundation 5429 5435 5539 Nebraska State Dept. Of Health, Lincoln	5556 5547	Pest Infestation Laboratory, Slough, Eucks Agricultural Research Council 5445	6263
New Hampshire Agricultural Experiment Station	6377	Philip Morris Research Center, Va.	6341
New Mexico Agricultural Experiment Station, University		Pitman-moore Company, Indianapolis, Ind.	
Dept. Of Poultry Science 6007	6008	Research Division	5954
New York State College Of Agriculture		Plague Research Unit, Honokaa, Hawaii	5482
Dept. Of Animal Husbandry	6126	Potato Investigations Laboratory, Hastings, Florida	5678
New York State Veterinary College New York State Veterinary College, Eastport	6420	Punjab Agricultural University Department of Botany and Plant Pathology, Hissar, Ind.	ia
Dept. Of Avian Diseases		6366	- u
Duck Research Laboratory	6053	Purdue University 5489 5533 5633 5635	5813
New York State Veterinary College, Ithaca	5945	5830 5901 6095	
New York State Veterinary College, Ithaca Dept. Of Medicine And Obstetrics	6097	Purdue University	6370
New York State Veterinary College, Ithaca	0037	Dept. Of Biochemistry Purdue University	6378
Dept. Of Pathology And Bacteriology 6032	6137	School Of Veterinary Science And Medicine	5973
6185		Purdue University	
New York State Veterinary College, Ithaca	F000	School Of Veterinary Science And Medicine	
Veterinary Virus Research Institute Nishigahara, Kitaku, Tokyo, Japan	5982	Dept. Veterinary Microbiology, Pathology, And Health 5972	
National Institute Of Agricultural Sciences		Purdue University, Lafayette, Ind.	6042
Division Of Plant Pathology	5832	Purdue University, Lafayette, Ind.	
North Carolina State College, Raleigh 5798	5892	Dept. Of Entomology	5577
5996 North Carolina State University		Pyrethrum Board Of Kenya, Nakuru Research Laboratory	5884
Dept. Of Poultry Science	6193	Queensland Department of Primary Industries	3004
North Carolina State University, Raleigh 5828	5829	Animal Research Institute	5966
North Florida Experiment Station, Quincy	5669	Queensland Department of Frimary Industries	

	OLGANI	BAILON INDLA	
Animal Research Institute, Yeerongpilly, Brisbane, Aus	stralia	Dept. Of Veterinary Parasitology	6250
5965		Texas A. And M. College, College Station	5803
Regional Poultry Disease Laboratory		Texas Agricultural Experiment Station	5425
New York State Veterinary College	6027	Texas Agricultural Experiment Station, No. 21, G	onzales
Dept. Avian Diseases Research Laboratorium, Dr. C. Janssen, Beerse, Belgium	0027	Texas Agricultural Experiment Station, Weslaco	5677
6083		Texas Technological College, Lubbock	5565
Reynolds Tobacco Co., N.C.	6312	Texas Technological College, Lubbock	
Robert A. Taft Sanitary Engineering Center	6325	Dept. Of Biology	5566 5567
Rocky Mountain Forest and Range Experiment Station	5796	The Hannah Dairy Research Institute, Kirkhill, E	ngland
Rothamsted Experimental Station, Harpenden Rothamsted Experimental Station, Harpenden Herts.	5808 5726	5916 6230 The Norwich Pharmaceutical Co., Norwich, N.Y.	6058
Rothamsted Experimental Station, Harpenden, Herts.	5661	The Rockefeller Institute, New York, N. Y.	5801
5729		The Southern Planter, Richmond, Va.	6438
Rothamsted Experimental Station, Harpenden, Herts., Engl	Land	The Squibb Institute For Medical Research	6319
5433 5434 Renel (dick) Sebesi of Wateriness Studies Edinburgh		The Upjohn Co., Kalamazoo, Mich.	5736
Royal (dick) School Of Veterinary Studies, Edinburgh Dept. Of Veterinary Pharmacology	5929	Tohoko University, Sendai, Japan Faculty Of Agriculture	
Royal Holloway College, Englefield Green, Surrey, Englan		Laboratory Of Chemistry And Technology Of Anim	al Products.
6358		6100	
Royal Veterinary College		Tokyo University Of Agriculture And Technology,	Japan
Department of Pathology	6046	Faculty Of Agriculture	6202
Royal Veterinary College, London Department of Medicine	6144	Dept. Of Plant Protection Tropical Pesticides Research Institute, Arusha,	Tanganyika
Royal Veterinary College, London	0177	5694 5695	ranganjika
Dept. Of Pathology	5955	U. C. N. W., Bangor	
Royal Veterinary College, Stockholm, Sweden		Department of Agricultural and Forest Zoology	6248
Dept. Of Ruminant Diseases	6047	U. S. Dept. Of Agriculture, Houma, La.	5747
Rutgers University	6374	U. S. Dept. Of Agriculture, Orlando, Fla.	
New Jersey Agricultural Experiment Station Rutgers University, New Brunswick, N J	5797	Agricultural Research Service Crops Research Division	5 7 82
Rutgers University, New Brunswick, N. J.	5762	U.s. Air Force, APO san Francisco	5.02
Rutgers University, New Brunswick, N.J.	5767	5th Epidemiological Flight pACAF)	5431
San Diego County Livestock Dept., San Diego, California		U.s. Department of Agriculture, Orlando	
Diagnostic Laboratory	6176	Agricultural Research Service Entomology Research Division	5631
San Joaquin Mosquito Abatement District, Stockton, Calif 5693		U.S. Dept. Of Agriculture	5809
Schering Corporation, Bloomfield, New Jersey		U.S. Dept. Of Agriculture	
Animal Health Division	6018	Agricultural Research Service	6329
School Of Agriculture, Edinburgh, Scotland	5939	U.S. Dept. Of Agriculture	
SEATO medical Research Laboratory, Bangkok, Thailand	5558	Agricultural Research Service	
Security Crop Care, Inc., Stuttgart, Ark. Seed Protein Pioneering Research Laboratory, New Orleans	5727	Animal Disease And Parasite Research Division Beltsville Parasitological Laboratory	6054
6352	,	U.S. Dept. Of Agriculture	0034
Senior Research Fellow, British Museum (natural History)		Agricultural Research Service	
5485		Animal Disease And Parasite Research Division	
Shell Chemical Co., N.J.	(4.42	National Animal Disease Laboratory	6038
Agricultural Chemicals Dept. 6412 Shell Chemical Co., N.Y.	6413	U.S. Dept. Of Agriculture Agricultural Research Service	
Agricultural Chemicals Division	6399	Animal Disease Eradication Division	6310
Shell Chemical Co., New York, N.Y.		U.S. Dept. Of Agriculture	
Agricultural Chemicals Division	6398	Agricultural Research Service	
Smithsonian Institution, Washington, D. C.	5855	Crops Research Division	5515
Smithsonian Institution, Washington, D.C. Smithsonian Institution, Washington, D.C.	5463	U.S. Dept. Of Agriculture Agricultural Research Service	
U.s. National Museum		Entomology Research Division 5535	5594 5595
Division of Hemiptera	5477	5605	
South East Porest Experiment Station, Durham, N.C.	5070	U.S. Dept. Of Agriculture	
Forestry Sciences Laboratory	5870 5765	Agricultural Research Service Plant Pest Control And Entomology Research Div	icion
Southwest Research Institute, San Antonio Southwest Texas State College	3763	Methods Improvement Operations	5868
Dept. Of Biology	6217	U.S. Dept. Of Agriculture	3333
St. Louis University, Mo.		Agricultural Research Service	
Biology Dept.	5472	Plant Pest Control Division	6436
State Dept. Of Animal Husbandry And Vet. Sc., Orissa, In 6121	итя	U.S. Dept. Of Agriculture Agricultural Research Service	
State Dept. Of Health Laboratories, Austin, Tex.	5576	South Central Poultry Research Laboratory	
State Laboratories Dept., Bismarck, N.Dak.	6384	Animal Husbandry Research Division	6119
Sterling-Winthrop Research Institute, N.Y.	6324	U.S. Dept. Of Agriculture	
Storrs Agricultural Experiment Station, Conn.	6131	Entomology Research Division	6383
Storrs Agricultural Experiment Station, Conn. Poultry Science Dept.	6127	U.S. Dept. Of Agriculture Plant Pest Control Division	5596 6328
Swift And Co., Hammond, Ind.	0127	U.S. Dept. Of Agriculture, Ames, Iowa	3330 0320
Agricultural Chemical Division	6406	Agricultural Research Service	
Syracuse University, Syracuse, N.Y.	5777	Animal Disease And Parasite Research Division	6142
Taiwan Provincial Malaria Research Institute, China	5513	U.S. Dept. Of Agriculture, Ames, Iowa	
Tate And Lyle Ltd., Kent, England Research Laboratories	6264	Agricultural Research Service Animal Disease And Parasite Research Division	
Tela Railroad Co., La Lima, Honduras, C.A.		National Animal Disease Laboratory	6019
Vining C. Dunlar Laboratories		U.S. Dept. Of Agriculture, Beltsville, Md.	
Dept. Of Plant Pathology	5786	Agricultural Marketing Service	
Temple University, Philadelphia, Pa. School Of Medicine	6066	Market Quality Research Division U.S. Dept. Of Agriculture, Beltsville, Md.	6300
Texas A And M University	6140	Agricultural Research Service	6364
Texas A And M University, College Station		U.S. Dept. Of Agriculture, Beltsville, Md.	
Dept. Of Veterinary Microbiology	6026	Agricultural Research Service	
Texas A And M University, College Station		Animal Disease And Parasite Research Division	6161
Dept. Of Veterinary Microbiology Texas Agricultural Experiment Station	6091	National Animal Disease Laboratory U.S. Dept. Of Agriculture, Beltsville, Md.	6161
Texas A And M University, College Station	0031	Agricultural Research Service	

	ORGANIZ	ATION INDEX		
Entomology Research Division	5555	U.S. Regional Soybean Lab., West Lafayette, In	nd.	5783
U.S. Dept. Of Agriculture, Beltsville, Md.		Univeristy Of Nebraska, Lincoln		5788
Agricultural Research Service	6375	Universitat Des Saarlandes, Saarbrucken, Germa	any	E025
Pesticides Regulation Branch U.S. Dept. Of Agriculture, Beltsville, Md.	6375	Botanisches Institut University College Of North Wales, Aberystwytl	h	5835 6246
Agricultural Research Service		University College Of North Wales, Bangor	_	02.0
Soil And Water Conservation Research Division		Dept. Of Agricultural Botany	5738	5902
U.S. Fertilizer Laboratory	6387	University College, Cork, England University Of Arizona		6239
U.S. Dept. Of Agriculture, Beltsville, Md. Animal Disease And Parasite Research Division		Dept. Of Entomology		5847
National Animal Disease Laboratory	6160	University Of Arkansas 5670 5674	5838	5875
U.S. Dept. Of Agriculture, Beltsville, Md.		5876 5877 6216 6430		
Plant Industry Station Agricultural Research Service		University Of Arkansas Dept. Of Entomology 5486 5679	5846	5856
Pioneering Research Laboratory For Postharvest Plant B	hysio.	5883		
6354		University of Bristol		6060
U.S. Dept. Of Agriculture, Corvallis, Oregon Agricultural Research Service		Department of Veterinary Medicine University Of Bristol, Langford House, Langfor	rd. Bristol	6060
Entomology Research Division.	5659	Dept. Of Animal Husbandry	id, bilotol	6156
U.S. Dept. Of Agriculture, East Lansing, Mich.	5963	University of California		6163
U.S. Dept. Of Agriculture, East Lansing, Michigan Agricultural Research Service		University Of California Citrus Experiment Station		
Animal Busbandry Research Division		Dept. Of Entomology		6285
Pcultry Research Branch	6011	University Of California, Albany		
U.S. Dept. Of Agriculture, Gulfport, Miss.		Dept. Of Biological Control	5453	5610 5454
Agricultural Research Service Plant Pest Control Division	6404	University Of California, Berkeley 5452 5496 5497 5541 5546 5571		5849
U.S. Dept. Of Agriculture, Lake Charles, La.		5850 5851 5874 6205		
Agricultural Research Service	5,55	University of California, Berkeley		
Entomology Research Division U.S. Dept. Of Agriculture, Lincoln, Neb.	5451	Department of Entomology and Parasitology University Of California, Berkeley		6238
Agricultural Research Service		Dept. Entomology And Parasitology		5443
Entomology Research Division	5861	University Of California, Berkeley		
U.S. Dept. Of Agriculture, Logan, Utah Agricultural Research Service		Dept. Of Biological Control Laboratory Of Insect Pathology		5668
Animal Disease And Parasite Research Division	5952	University Of California, Berkeley		2000
5961		Dept. Of Entomology		5444
U.S. Dept. Of Agriculture, Logan, Utah		University Of California, Berkeley		ECHE
Agricultural Research Service Entomology Research Division	5882	Division Of Entomology And Acarology University of California, Berkley		5645 5450
U.S. Dept. Of Agriculture, Orlando, Fla.	3002	University Of California, Davis 5525	5561	5562
Agricultural Research Service	5772	5766 5793 5799 5938 6270	6391	
U.S. Dept. Of Agriculture, Orlando, Fla. Agricultural Research Service		University Of California, Davis College Of Veterinary Medicine		
Crops Research Division	5888	Agricultural Experiment Station		6339
U.S. Dept. Of Agriculture, Orlando, Florida		University Of California, Davis		
Agricultural Research Service Entomology Research Division 5507	EE 0.2	Dept. Of Avian Medicine	5949	6 1 97
Entomology Research Division 5507 U.S. Dept. Of Agriculture, Philadelphia, Pa.	5593	University Of California, Davis Dept. Of Landscape Horticulture		6361
Eastern Utilization Research And Development Division		University Of California, Davis		
6272		Dept. Of Poultry Busbandry		6435
U.S. Dept. Of Agriculture, Tallulah, La. Agricultural Research Administration		University Of California, Davis Dept. Of Zoology		5498
Bureau Of Entomology And Plant Quarantine	6441	University Of California, Davis		
U.S. Dept. Of Agriculture, Washington, D.C.		Pesticide Residue Research		6271
Agricultural Research Service Animal Disease Eradication Division 5442	6136	University Of California, Davis School Of Veterinary Medicine 5951	5984	6021
U.S. Dept. Of Agriculture, Washington, D.C.		6067 6088 6110 6114 6116		6311
Agricultural Research Service	E 11 TE	University Of California, Davis		
Entomology Research Division 5473 5474 5476	5475	School Of Veterinary Medicine Dept. Of Avian Medicine 5950	6017	6133
U.S. Dept. Of Agriculture, Washington, D.C.		University Of California, Davis		
Agricultural Research Service	50.40	School Of Veterinary Medicine	F00#	6000
Meat Inspection Division 5917 U.S. Dept. Of Agricuture	59 19	Dept. Of Pathology University Of California, Los Angeles	5994 5802	6098 6360
Agricultural Research Service	6385	University Of California, Los Angeles		
U.S. Dept. Of Bealth, Education And Welfare	6204	Dept. Of Entomology	F 0.1F	5441
Food And Drug Administration 6282 U.S. Dept. Of Bealth, Education, And Welfare, Atlanta, 6	6304 a -	University of California, Riverside 5579 5823 5893 5896 6342	5815	5822
Public Bealth Service		University Of California, Riverside		
Communicable Disease Center	E 6 4 0	Citrus Experiment Station		5642
Training Branch U.S. Fish And Wildlife Service, Logan, Utah And Laurel,	5662 Md.	University Of California, Riverside Citrus Research Center		
5696	14.	Dept. Of Entomology		
U.S. Forest Service, Asheville, N.C.	E050	Agricultural Experiment Station,		6286
Forest Insect And Disease Control U.S. Forest Service, Asheville, N.C.	5858	University Of California, Riverside Dept. Of Entomology		5538
Forest Insect And Disease Control Branch	6422	University Of California, Riverside		3330
U.S. Forest Service, Portland, Ore.		Dept. Of Nematology		5894
Division Of Timber Management Insect And Disease Control Branch	5732	University Of Cambridge School Of Veterinary Medicine		6153
U.s. Public Bealth Service 5699	6218	University Of Ceylon, Peradeniya, Ceylon		0 133
U.s. Public Bealth Service, Atlanta		Dept. Of Veterinary Science		6244
Ccmmunicable Disease Center U.s. Public Bealth Service, Atlanta	5706	University Of Colorado Museum University of Connecticut 5904	6048	5863
Communicable Disease Center		University of Connecticut 5904 University of Connecticut	0048	6093
Arbovirus Unit	5714	Department of Zoology		5697
U.s. Public Bealth Service, Hamilton, Montana National Institute of Allergy and Infections Diseases		University Of Connecticut		6010
National Institute of Allergy and Infections Diseases Rocky Mountain Laboratory	6209	Dept. Of Animal Diseases University Of Connecticut, Storrs		6010

Dept. Of Animal Diseases	6004	6039	University Of Maine, Orono		
University Of Connecticut, Storrs		EE60	Dept. Of Animal Pathology		59 7 8
Dept. Of Zoology And Entomology University Of Connecticut, Storrs		5560	University of Manitoba Department of Animal Science		5985
Storrs Agricultural Experiment Station		6028	University of Maryland		6208
University Of Delaware			University Of Maryland, College Park		6437
Dept. Of Animal And Poultry Science		5931	University Of Maryland, College Park		5964
University Of Delaware, Newark Dept. Of Animal And Poultry Sciences		5932	Dept. Of Veterinary Science University Of Maryland, College Park		2904
University of East Anglia, Norwich, England			Live Stock Sanitary Service Laboratory		6190
School of Biological Sciences		6233	University Of Massachusetts		5427
University of Edinburgh Department of Zoology		5437	University of Massachusetts Dept. of Veterinary and Animal Science		6 109
University Of Edinburgh		3437	University Of Massachusetts		0 10 5
Dept. Of Zoology			Dept. Of Veterinary Science		6158
Sub-dept. Of Parasitology		5557	University Of Massachusetts, Amherst	(21)	5758
University Of Edinburgh Royal (dick) School Of Veterinary Studies.			University of Minnesota 6022 University Of Minnesota	6214	6347
Dept. Of Veterinary Bacteriology		6009	Institute Of Agriculture		
University of Florida		6368	Dept. Of Plant Pathology		6256
University Of Florida		5570	University Of Minnesota, St. Paul		5789
Dept. Of Biology University Of Florida		3370	University Of Minnesota, St Paul University Of Minnesota, St. Paul 5810	5992	6395 6165
Entomology Dept.		5712	6187		
University Of Florida, Lake Alfred	5530	5646	University Of Minnesota, St. Paul		
Citrus Experiment Station University Of Florida, Quincy	5532	5646	College Of Veterinary Medicine Division Of Veterinary Medicine And Clinics		6323
North Florida Experiment Station		5548	University Of Minnesota, St. Paul		0323
University of Georgia		5689	Dept. Of Entomology And Economic Zoology		5544
University of Georgia			University Of Minnesota, St. Paul		
Department of Poultry Science	6221	6240	Dept. Of Entomology, Fisheries, And Wildlife		6215
Poultry Disease Research Center University Of Georgia	0221	6240	University Of Minnesota, St. Paul Dept. Of Poultry Husbandry		6186
Poultry Disease Research Center		6147	University Of Missouri		5484
University Of Georgia			University Of Missouri		
School Of Veterinary Medicine		5988	Dept. Of Entomology	5439	5620
University Of Georgia, Athens University Of Georgia, Athens		6139	University Of Missouri, Dept. Of Entomology		5853
Dept. Of Entemology	5495	5626	University Of Missouri, Columbia		5055
University Of Georgia, Athens			Dept. Of Entomology		5469
School Of Veterinary Medicine			University of Montreal		
Dept. Of Pathology And Parasitology Southeastern Cooperative Deer Disease Study		6037	Department of Pharmacology School of Veterinary Medicine		6118
University Of Glasgow		5722	University Of Nebraska		5637
University Of Glasgow			University Of Nebraska		
Wellcome Laboratories For Experimental Paras	itology		Dept. Of Entomology		5844
6219 University Of Glasgow Veterinary Hospital	5730	6040	University Of Nebraska, Lincoln University Of Nebraska, Lincoln		5430
University Of Glasgow Veterinary Hospital	3,30	0040	Dept. Of Entomology		5506
Dept. Of Animal Husbandry And Veterinary Pre	vent. Med	licine	University Of Nebraska, Lincoln		
6255		6002	Dept. Of Veterinary Science	6202	6234
University Of Glasgow Veterinary School University of Idaho		6003 5898	University Of New Hampshire Dept. Of Animal Sciences		
University of Ife, Ibadan, Nigeria		3030	Biomolecular Hygiene Section		5 9 9 5
Department of Zoology		6236	University of Newcastle		
University of Illinois 5612 5878	5905	59 1 5	Department of Botany		5804
6000 6141					C 21E
6082 6141 University Of Illinois			University of North Carolina, Chapel Hill University Of North Dakota		6315 5885
6082 6141 University Of Illinois Dept. Of Entomology		5559	University of North Carolina, Chapel Hill University Of North Dakota University Of North Dakota		6315 5885
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana		5559	University Of North Dakota University Of North Dakota Dept. Of Biology		
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine			University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago		5885 55 7 2
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station		5559 6002	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology		5885
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine	ure		University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago		5885 55 7 2
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois	ure	6002 5975	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim	ental Ag	5885 55 7 2 5640
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Fhysiology and Biophysics	ure	6002 5975 5621	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363	ental Ag	5885 55 7 2 5640
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas	ure	6002 5975	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania	ental Ag	5885 55 7 2 5640
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Fhysiology and Biophysics	ure	6002 5975 5621	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363	ental Ag	5885 5572 5640 ronomy
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University of Kansas Department of Entomology University Of Kansas		6002 5975 5621 5530 5686	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine	ental Ag	5885 5572 5640 ronomy 6051
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Fhysiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas	ure 5492	6002 5975 5621 5530	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology	ental Ag	5885 5572 5640 ronomy
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas		6002 5975 5621 5530 5686 5494	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia		5885 5572 5640 ronomy 6051 6231
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Eology University Of Kansas Dept. Of Zoology University Of Kansas, Lawrence 5447		6002 5975 5621 5530 5686	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School of Veterinary Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School Of Veterinary Medicine 5957	ental Ag 5958	5885 5572 5640 ronomy 6051
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Soology University Of Kansas Dept. Of Soology University Of Kansas, Lawrence 5447 University Of Kansas, Lawrence	5492 5483	5975 5621 5530 5686 5494 5843 5687	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School Of Veterinary Medicine 5957 6050 6130 6143 University of Pennsylvania, Philadelphia		5885 5572 5640 ronomy 6051 6231
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Fhysiology and Biophysics University Of Kansas University of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas, Lawrence Dept. Of Botany	5492	5975 5621 5530 5686 5494	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Eiology University Of Pennsylvania, Philadelphia School Of Veterinary Medicine 5957 6050 6130 6143 University of Pennsylvania, Philadelphia School of Veterinary Medicine		5885 5572 5640 ronomy 6051 6231
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Soology University Of Kansas Dept. Of Soology University Of Kansas, Lawrence 5447 University Of Kansas, Lawrence	5492 5483	5975 5621 5530 5686 5494 5843 5687	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School of Veterinary Medicine 5957 6050 6130 6143 University of Pennsylvania, Philadelphia School of Veterinary Medicine Department of Medical Biology		5885 5572 5640 ronomy 6051 6231
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Fhysiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Zoology University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Entomology University Of Kansas, Lawrence Dept. Of Entomology University Of Kansas, Lawrence	5492 5483 5583	6002 5975 5621 5530 5686 5494 5843 5687 5761	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School Of Veterinary Medicine 5957 6050 6130 University Of Pennsylvania, Philadelphia School of Veterinary Medicine 5957 Comparative Cardiovascular Studies Unit University of Perugia	5958	5885 5572 5640 ronomy 6051 6231 5981
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Fhysiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Soology University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Entomology University Of Kansas, Lawrence National Science Foundation	5492 5483 5583	5975 5621 5530 5686 5494 5843 5687	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School Of Veterinary Medicine 5957 6050 6130 6143 University of Pennsylvania, Philadelphia School of Veterinary Medicine Department of Medical Biology Comparative Cardiovascular Studies Unit University of Perugia University of Perugia University of Pittsburgh 5769		5885 5572 5640 ronomy 6051 6231 5981 5989 5614 5831
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Fhysiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Zoology University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Entomology University Of Kansas, Lawrence	5492 5483 5583	6002 5975 5621 5530 5686 5494 5843 5687 5761 6433	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School of Veterinary Medicine 5957 6050 6130 Chivasity of Pennsylvania, Philadelphia School of Veterinary Medicine School of Veterinary Medicine Department of Animal Biology Comparative Cardiovascular Studies Unit University of Perugia University of Pittsburgh T5769 University of Queensland, Brisbane, Australia	5958	5885 5572 5640 ronomy 6051 6231 5981
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University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Zoology University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Entomology University Of Kansas, Lawrence Dayt. Of Entomology University Of Kansas, Lawrence National Science Foundation University Of Liverpool School Of Veterinary Science University Of Liverpool, England Dept. Of Veterinary Preventive Medicine University Of London Royal Veterinary College	5492 5483 5583 5692	5975 5621 5530 5686 5494 5843 5687 5761 6433 5644 6064	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School Of Veterinary Medicine 5957 6050 6130 6143 University of Pennsylvania, Philadelphia School of Veterinary Medicine Department of Animal Biology Comparative Cardiovascular Studies Unit University of Perugia University of Oueensland, Brisbane, Australia University of Queensland, Brisbane, Australia University of Queensland, Brisbane, Australia Dept. Of Veterinary Preventative Medicine University of Rhode Island, Kingston University of South Carolina University of South Carolina	5958 5811	5885 5572 5640 ronomy 6051 6231 5981 5989 5614 5831 5643 6157 5814
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Zoology University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Kansas, Lawrence Dept. Of Kansas, Lawrence Dept. Of Kansas, Lawrence Dept. Of Kansas, Lawrence University Of Kansas, Lawrence University Of Kansas, Lawrence University Of Liverpool School Of Veterinary Science University Of Liverpool, England Dept. Of Veterinary Preventive Medicine University Of London Royal Veterinary College University Of Louvain, Louvain, Belgium Rega Institute For Medical Research	5492 5483 5583 5692	5975 5621 5530 5686 5494 5843 5687 5761 6433 5644 6064 6224	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School of Veterinary Medicine 5957 6050 6130 6143 University of Pennsylvania, Philadelphia School of Veterinary Medicine Department of Animal Biology Comparative Cardiovascular Studies Unit University of Pernsylvania, Philadelphia School of Veterinary Medicine Department of Animal Biology Comparative Cardiovascular Studies Unit University of Perugia University of Pittsburgh University of Queensland, Brisbane, Australia Dept. Of Veterinary Preventative Medicine University of Rhode Island, Kingston University of South Carolina University of Sydney Dept. Of Veterinary Pathology University of Tennessee	5958 5811	5885 5572 5640 ronomy 6051 6231 5981 5989 5614 5831 5643 6157 5814 6362
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Zoology University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Entomology University Of Liverpool School Of Veterinary Science University Of Liverpool, England Dept. Of Veterinary Preventive Medicine University Of London Royal Veterinary College University Of Louvain, Louvain, Belgium Rega Institute For Medical Research Dept. Of Microbiology	5492 5483 5583 5692	5975 5621 5530 5686 5494 5843 5687 5761 6433 5644 6064 6224 6078	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School Of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School Of Veterinary Medicine 5957 6050 6130 6143 University of Pennsylvania, Philadelphia School of Veterinary Medicine Department of Animal Biology Comparative Cardiovascular Studies Unit University of Perugia University of Queensland, Brisbane, Australia University of Queensland, Brisbane, Australia University of Veterinary Preventative Medicine University of Rhode Island, Kingston University of South Carolina University of South Carolina University of South Carolina University of South Carolina University of Tennessee University of Tennessee University of Tennessee	5958 5811	5885 5572 5640 ronomy 6051 6231 5981 5989 5614 5831 5643 6157 5814 6362 5962 5702
University Of Illinois Dept. Of Entomology University Of Illinois, Urbana College Of Veterinary Medicine Agricultural Experiment Station University Of Illinois, Urbana Colleges Of Veterinary Medicine And Agricult University of Illinois, Urbana, Illinois Department of Physiology and Biophysics University Of Kansas University Of Kansas Department of Entomology University Of Kansas Dept. Of Entomology University Of Kansas Dept. Of Zoology University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Botany University Of Kansas, Lawrence Dept. Of Kansas, Lawrence Dept. Of Kansas, Lawrence Dept. Of Kansas, Lawrence Dept. Of Kansas, Lawrence University Of Kansas, Lawrence University Of Kansas, Lawrence University Of Liverpool School Of Veterinary Science University Of Liverpool, England Dept. Of Veterinary Preventive Medicine University Of London Royal Veterinary College University Of Louvain, Louvain, Belgium Rega Institute For Medical Research	5492 5483 5583 5692	5975 5621 5530 5686 5494 5843 5687 5761 6433 5644 6064 6224	University Of North Dakota University Of North Dakota Dept. Of Biology University of Otago Department of Zoology University Of Oxford, Oxford, England Dept. Of Agriculture Agricultural Research Council Unit Of Experim 6363 University Of Pennsylvania School of Veterinary Medicine University of Pennsylvania, Philadelphia School of Medicine Department of Medical Biology University Of Pennsylvania, Philadelphia School of Veterinary Medicine 5957 6050 6130 6143 University of Pennsylvania, Philadelphia School of Veterinary Medicine Department of Animal Biology Comparative Cardiovascular Studies Unit University of Pernsylvania, Philadelphia School of Veterinary Medicine Department of Animal Biology Comparative Cardiovascular Studies Unit University of Perugia University of Pittsburgh University of Queensland, Brisbane, Australia Dept. Of Veterinary Preventative Medicine University of Rhode Island, Kingston University of South Carolina University of Sydney Dept. Of Veterinary Pathology University of Tennessee	5958 5811	5885 5572 5640 ronomy 6051 6231 5981 5989 5614 5813 5643 6157 5814 6362 5962

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University of the West Indies, Kingston Department of Zoology	5707
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University Of Utah 5428 5464 University Of Vermont, Burlington	6211
Dept. Of Animal Pathology University Of Vermont, Burlington Dept. Of Pathology	
University Of Veterinary Sciences	6338
Institute Of Epizootology, Budapest, Hungary University Of Western Ontario Dept. Of Zoology	6062 5711
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University Of Wisconsin Dept. Of Botany	5 7 51
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University Of Wisconsin, Madison	6254
College Of Agriculture University Of Wisconsin, Madison College Of Agriculture	0234
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Department of Entomology	5608
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Washington Agricultural Stations Dept. Of Veterinary Science	6180
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College Of Agriculture, Forestry, And Home Economics Dept. Of Animal Industry And Veterinary Science	6061
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