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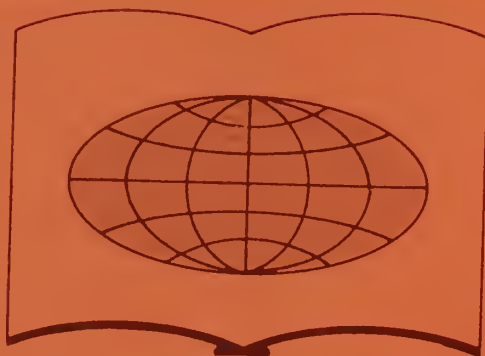
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Pesticides DOCUMENTATION BULLETIN

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Volume 4 Number 20
September 27, 1968



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U.S. DEPARTMENT OF AGRICULTURE

PESTICIDES DOCUMENTATION BULLETIN

Volume 4
September 27, 1968
Number 20

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The *Pesticides Documentation Bulletin* is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* 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

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the *Bulletin's* issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

Author Index: Names of personal authors are arranged alphabetically, followed by accession numbers of pertinent citations.

Organizational Index: Names of corporate authors or sponsoring organizations are arranged alphabetically followed by accession numbers of pertinent citations.

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The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

- Compound Tested
- Company furnishing the compound
- Author or Investigator
- Test Sponsor
- Date
- Location
- Mode of Application
- Rates of Application
- Soil Types
- Carriers
- Crops or Weeds tested with phytotoxicity ratings
- Associated documentation

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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

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This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

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Note: Mention of a company name or a proprietary product does not necessarily imply endorsement by the U.S. Department of Agriculture, NATIONAL AGRICULTURAL LIBRARY, PESTICIDES INFORMATION CENTER.

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EFFICIENCY OF APHIDOPHAGOUS INSECTS IN IRAQ. IN: HODEK, I., ED. ECOLOGY OF APHIDOPHAGOUS INSECTS. SB975.059.
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S Bombosch O Tokmakoglu
271-273
1966
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- 18499-68**
A NEW WIDE-SPECTRUM COCCIDIOSTAT. R A Bowie J P Cairns M S Grant A Hayes W G M Jones J F Ryley
Nature 214(5095):1349
24 Jun 1967 472 N21
Chemical control (insects), Chemicals, Coccidiosis, Drugs, Eimeria brunetti, Eimeria tenella, Laboratories, Parasitism, Research.
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H J Fluiter
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G Giglioli F J Rutten S Ramjattan
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R Goodier
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SIMPLE TECHNIQUES FOR THE REARING OF COLLEMBOLA AND A NOTE ON THE USE OF A FUNGISTIC SUBSTANCE IN THE CULTURES.
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H J Gould
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- Cucumbers, Insect ecology, Nurseries, Tetranychus urticae.
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06 Sep 1968 470 SC12
Arachnida, Education, Electron microscopy, Research, Spiders, Teaching.
- 18506-68**
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J L Madden
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Fungi, Insect behavior, Parasitism, Sirex noctilio, Symbiosis.

SYSTEMATICS

- 18507-68**
TWO SUBGENERA OF PYRGOMORPHIDAE (ORTH., ACRIDOIDEA) RAISED TO GENERIC STATUS ON THE BASIS OF THEIR PHALLIC STRUCTURES.
S S Akbar D K Kevan
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TWO NEW SPECIES OF LONGITARSUS LATR. (COL., CHRYSOMELIDAE) IN BRITAIN.
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THE DISTRIBUTION OF ANTS IN CENTRAL SOUTHERN ENGLAND.
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Mar 1968 420 SO15
Formicidae, Zoogeography.
- 18510-68**
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R E Bartnett R P Jones
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Biological laboratories, Equine encephalomyelitis, Research, Surveys, Trucks.
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HYMENOPTERA FROM TURKEY: SYMPHYTA.
R B Benson
Brit Mus (natur Hist) Entomol Bull Suppl 22(4):207 P. REF
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R B Benson
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C Besuchet
Schweiz Entomol Ges Mitt 39(1/2):59-65

- 15 Sep 1966 420 SW6
Centroptthalmus, Insect taxonomy, Pselaphidae. Includes new spp.
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R E Blackith
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Aug 1963 421 EN86
Acrididae, Grasshoppers, Orthoptera, Taxonomy, Zoogeography.
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A N Bringham
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Apr 1960 421 EN86
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W L Brown W W Kempf
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Formicidae, Insect taxonomy.
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V H Chambers
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Oct 1960 421 EN86
Entomology, Food plants, Insect identification, Insect taxonomy.
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SOME NEW AND LITTLE-KNOWN ACRIDOIDEA (ORTHOPTERA) FROM WEST AFRICA.
R F Chapman
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Oct 1960 421 EN86
Acridoidea, Entomology, Insect identification, Insect taxonomy. New species are: Chapmanacris sylvatica, Eucrotaera basidens and Apoboleus.
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TWO NEW SPECIES OF THE GENUS OTIOTHOPS (PRANEAE, PALPIMANIDAE) FROM THE VIRGIN ISLANDS.
A M Chickering
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C L Costa T Lewis
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Abstract
- 18521-68**
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R A Crowson
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Jul 1960 421 EN86
Elateridae, Entomology, Insect identification, Insect taxonomy.
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V F Eastop
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Jul 1960 421 EN86
Aphididae, Entomology, Insect identification, Insect taxonomy. New species are: Apterac viviparac and A. camberrac.

18523-68
A PRELIMINARY ACCOUNT OF SOME DATA ON HETEROPTERA TAKEN AT LIGHT IN THE NEW WORLD TROPICS.
M G Emsley

Entomol Mon Mag (SER.4)97(273-276):205-207
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Entomology, Heteroptera, Indexing, Insect taxonomy, Light traps, Tables (data).

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G B Fairchild

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Sep 1967 421 P95
Insect taxonomy, Tabanidae.

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C Ferriere

Schweiz Entomol Ges Mitt 39(112):118-130
15 Sep 1966 420 SW6
Calisota, Chalcidoidea, Eupelmidae, Insect taxonomy. Includes *Calisota saharenis* and *C. mateui*, n. spp.

18526-68
BRED OPIINAE FROM EUROPE (HYMENOPTERA, BRACONIDAE). (GE)
M Fisher

60(3):318-350 REF
Oct 1967
Braconidae, Insect rearing, Opiinae.

18527-68
RESULTS OF THE ALBANIAN EXPEDITION 1961 OF THE DEUTSCHES ENTOMOLOGISCHES INSTITUT. 60TH CONTRIBUTION. SURVEY OF THE FIRST EVALUATION PHASE 1961 TO 1965. (GE)
G Friese

Beitr Entomol 17(3/4):389-404
1967 421 B392
Albania, Insects, Surveys. English summary.

18528-68
DESCRIPTION OF HAEMAGOGUS AERITINCTUS, A NEW SPECIES FROM BRITISH HONDURAS, WITH A NOTE ON THE VALIDITY OF HAEMAGOGUS LUCIFER (H. D. AND K.) (DIPTERA) CULICIDAE.
P Galindo H Trapido

Entomol Soc Wash Proc 69(2):103-111
Jun 1967 420 W27
Culicidae, Ficus, Haemogogus aeritinctus, Haemogogus lucifer, Insect behavior, Insect taxonomy, Rhizophora, Zoogeography.

18529-68
TWO GLOUCESTERSHIRE ORTHOPTEROIDS.
R S George

Entomol Mon Mag (SER.4)97(262-264):244
Oct 1961 421 EN86
Blattella germanica, *Forficula auricularia*, Orthoptera, Taxonomy, Zoogeography.

18530-68
SYMPOSIUM ON MICROENVIRONMENT AND BIOLOGY OF SOIL. INVITATIONAL PAPERS PRESENTED AT THE FIFTY-NINTH ANNUAL MEETING OF THE AMERICAN PHYTOPATHOLOGICAL SOCIETY, WASHINGTON, D. C., AUGUST 20-24, 1967.
J M Good

Phytopathology 58(7):889
Jul 1968 464.8 P56
Ecology, Environment, Microorganisms, Nematology, Plant diseases, Soil biology.

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THE GENUS APROSTOCETUS WESTWOOD, SENSU LATO (HYM., EULOPHIDAE); NOTES ON THE SYNONYMY OF EUROPEAN SPECIES.
M W R Graham

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Jan 1961 421 EN86
Aprostocetus, Eulophidae, Hymenoptera, Nomenclature, Taxonomy.

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THE AGROMYZIDAE (DIPTERA) OF WOOD-WALTON FENI SUPPLEMENT.
G C D Griffiths

Entomol Mon Mag (SER.4)98(270-2):155-158
Jun 1962 421 EN86
Agromyzidae, Biology, Breeding, Color, Comfrey, Insect identification, Insect taxonomy, Morphology.

18533-68
A NOTE ON SOME AGROMYZIDAE (DIPTERA) FROM NORTHERN PERSIA INCLUDING A NEW LIRIOMYZA SPECIES.
G C D Griffiths

Entomol Mon Mag (SER.4)99(280-281):75-79
Apr 1963 421 EN86
Agromyzidae, Diptera, Liriomyza, Reports, Taxonomy, Zoogeography.

18534-68
THE SEPARATION OF SITOPHILUS ORYZAE (L.) AND S. ZEAMAI SITSCHULSKY (COL., CURCULIONIDAE), WITH A SUMMARY OF THEIR DISTRIBUTION.
D G H Halstead

Entomol Mon Mag (SER.4)99(280-281):72-74
Apr 1963 421 EN86
Coleoptera, Insect dissemination, Sitophilus oryzae, Sitophilus zeamais, Zoogeography.

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LEPIDOPTERA NEW TO LANCASHIRE AND WESTMORLAND.
J Heath

Entomol Mon Mag (SER.4)97(257-259):100
May 1961 421 EN86
Lepidoptera, Taxonomy, Zoogeography.

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TRANSIENT COMPETITIVE DISPLACEMENT IN NATURAL POPULATIONS OF WHIRLIGIG BEETLES.
C Istock

Ecology 48(6):929-937, AUTUMN REF
1967 410 EC7
Gyrinidae, Insect ecology, Zoogeography.

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NOTES ON THE SYSTEMATICS, HOST PLANTS, AND BIONOMICS OF THE BRUCHID GENERA MEROBROCHUS AND STATOR. (COLEOPTERA: BRUCHIDAE).
C D Johnson

Pan-pacific Entomol 43(4):264-271 REF
Oct 1967 421 P193
Bruchidae, Insect biology, Insect taxonomy, Legumes, Merobruchus, Stator.

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THE BRITISH SPECIES OF THE GENUS LONGITARSUS LATREILLE (COL., CHRYSOMELIDAE).
D K Kevan

Entomol Mon Mag 103(1235-37):83-110
Apr 1967 421 EN86
Cuticle, Insect behavior, Insect identification, Insect taxonomy, Longitarsus, Physiology, Research.

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EGG PARASITES OF LARCH SWAFLLIES IN GREAT BRITAIN.
R C Kirkland A Paramonov

Entomol Mon Mag (SER.4)98(265): 3
Jan 1962 421 EN86
Insect behavior, Insect eggs, Parasitism, Pristiphora erichsonii, Taxonomy.

18540-68
A HOST CATALOGUE OF BRITISH ENTOGENOUS FUNGI: FIRST SUPPLEMENT.
D Leatherdale

Entomol Mon Mag (SER.4)97(262-264):226-227
Oct 1961 421 EN86
Entomology, Fungi, Insect behavior, Parasitism.

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NEW COUNTY RECORDS OF HEMIPTERA-HETEROPTERA.
D Leston T R E Southwood

Entomol Mon Mag (SER.4)97(253-255):32-33
Jan 1961 421 EN86
Hemiptera, Heteroptera, Taxonomy, Zoogeography.

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OBSERVATIONS ON THE MIRID (HEML.) HOSTS OF BRACONIDAE (HYM.) IN BRITAIN.
D Leston

Entomol Mon Mag (SER.4)97(256): 65-71
Apr 1961 421 EN86
Braconidae, Hemiptera, Hymenoptera, Insect behavior, Parasitism, Research, Zoogeography.

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ADDITIONAL NOTES ON DIPTERA (TABANIDAE) FROM DELAWARE.
D MacCreary

Brooklyn Entomol Soc Bull 58(4):97-98
Oct 1963 420 B79
Diptera, Reports, Tabanidae, Taxonomy, Zoogeography.

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NEW RECORDS OF HEMIPTERA-HETEROPTERA FROM WILTSHIRE AND NORTH SOMERSET.
A M Massee

Entomol Mon Mag (SER.4)97(273-276):263
Sep 1962 421 EN86
Entomology, Hemiptera, Heteroptera, Insect identification, Insect taxonomy.

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TECHNIQUES FOR DETERMINING THORACIC SCALE PATTERNS ON ALCOHOL-PRESERVED MOSQUITOES.
R G Means

Brooklyn Entomol Soc Bull 58(4):126
Oct 1963 420 B79
Alcohols, Culicidae, Insect identification, Scales (insects), Taxonomy, Thorax.

18546-68
THE FEMALE SEX OF THE MUTILLIDAE SUBFAMILY EOTILLINAE (HYMENOPTERA).
C E Mickel
Psyche 74(3):234-236
Sep 1967 421 P95
Insect taxonomy, Prototilla.

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ANTHONOMUS RUFUS GYL. (COL., CURCULIONIDAE) IN LANCASHIRE.
M G Morris

Entomol Mon Mag 102(1229-1231):220
Oct 1966 421 EN86
Anthonomus rufus, Coleoptera, Taxonomy, Zoogeography.

18548-68
KAROTYPES AND DEVELOPMENTAL STAGES OF HARPYRHYNCHUS NOVOPLUMARIS SP. N. (ACARI: CHEYLETOIDEA: HARPYRHYNCHIDAE), A PARASITE OF NORTH AMERICAN BIRDS.
J W Moss J H Oliver B C Nelson

J Parasitol 54(2):377-392 REF
Apr 1968 448.8 J824
Birds, Genetics, Harpyrhynchus novoplumaris, Mites, Physiology, Taxonomy.

Abstract: The karyotypes strongly suggest the haplo-diploid method of sex determination, with n02. There is a strong possibility that the species is arrhenotokous. The developmental stages for both sexes of the mite are: egg, larvae, protonymph, deutonymph, and adult; all stages subsequent to the egg exhibits sexual dimorphism.

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RESULTS OF THE ALBANIAN EXPEDITION 1961 OF THE DEUTSCHES ENTOMOLOGISCHES INSTITUT. 66TH CONTRIBUTION. HYMENOPTERA: TIPHIIDAE. (GE)
J Oehlke
Beitr Entomol 17(3/4):517-520
1967 421 B392
Hymenoptera, Tiphiidae. English summary.
- 18550-68**
MOTHS UNRECORDED FROM SHIKOKU.
M Okada
Shikoku Entomol Soc Trans 7(1-2):64
Aug 1961 420 SH6
Insect identification, Insect migration, Moths, Research. *Eupithecia gigantea*, *Collix griseipalpis*, *Apatele alni*, *rhynchina abducalis*, and *Rhynchina columbaris* are the moths listed
- 18551-68**
SIPHONAPTERA FROM KENT.
E G Philp
*Entomol Mon Mag (SER.4)*97(262-264):254-258
REF
Oct 1961 421 EN86
Siphonaptera, Taxonomy, Zoogeography.
- 18552-68**
SOME MUSCIDAE (DIPTERA) FROM THE PHILIPPINE ISLANDS AND THE BISMARCK ARCHIPELAGO. 1. THE GENUS MYIOPHAEA ENDERLEIN.
A C Pont
Entomol Medd 35(2):105-124 REF
1967 421 EN82
Insect taxonomy, Muscidae, Myiophaea, Zoogeography.
- 18553-68**
A PRELIMINARY EXPERIMENTAL STUDY OF THE SEX ATTRACTIVENESS OF FEMALE LEPIDOPTERA ACROLEPIA ASSECTELLA (ZELLER) UNDER NATURAL CONDITIONS. (FR)
R Rahn
Ann Epiphyt 19(2):367-377
1968 464.9 F84AN
Acrolepia assectella, Crops, Insect flight, Lepidoptera, Population statistics, Research. English summary.
- 18554-68**
A NEW BRITISH AGROMYZID FLY.
O W Richards
*Entomol Mon Mag (SER.4)*99(284-286):162
Aug 1963 421 EN86
Agromyzidae, Diptera, Taxonomy, Zoogeography.
- 18555-68**
BIOMETRIC DATA FOR RHOPALOSIPHUM FITCHII SAND. (HEM., APHIDIDAE) WITH NOTES ON SYNONYMY.
J P Rogerson
*Entomol Mon Mag (SER.4)*96(241):19-21
Jan 1968 421 EN86
Biometry, Color, Insect identification, Morphology, Research, *Rhopalosiphum fitchii*, Taxonomy.
- 18556-68**
ALATE APHIDS TRAPPED IN POTATO FIELDS IN CUMBERLAND, WESTMORLAND AND NORTHUMBERLAND.
J P Rogerson
Entomol Mon Mag 102(1229-1231):247-257
Oct 1966 421 EN86
Aphididae, Insect traps, Potatoes, Taxonomy, Zoogeography.
- 18557-68**
A NEW PANAMANIAN STINK BUG (HETEROPTERA; PENTATOMIDAE, DISCOCEPHALINAE).
H Ruckes
Brooklyn Entomol Soc Bull 58(4):129-132
Oct 1963 420 B79
Heteroptera, Pentatomidae, Taxonomy.
- 18558-68**
NEW NAME COMBINATIONS AND NOTES ON SOME AFRICAN AND ASIAN SPECIES OF ALEYRODIDAE (HOMOPTERA).
L Russell
Brooklyn Entomol Soc Bull 57(3):63-65
Jun 1962 420 B79
Aleyrodidae, Homoptera, Insect identification, Insect taxonomy.
- 18559-68**
TAXONOMIC NOTES ON SOME LARVAE OF THE GENUS AEDES (DIPTERA: CULICIDAE) FROM LOKOJA IN NORTHERN NIGERIA.
M W Service
*Entomol Mon Mag (SER.4)*96(250-252):229-230
Oct 1960 421 EN86
Aedes, Entomology, Insect identification, Insect taxonomy, Larvae.
- 18560-68**
MOSQUITO RECORDS FROM NORTHERN NIGERIA.
M W Service
*Entomol Mon Mag (SER.4)*98(266):25-26
Feb 1962 421 EN86
Culicidae, Reports, Zoogeography.
- 18561-68**
THE GOLDEN BUPRESTID BUPRESTIS AURULENTA L. (COL., BUPRESTIDAE) IN BRITAIN.
M W Shaw
*Entomol Mon Mag (SER.4)*97(257-259):97-98
May 1961 421 EN86
Buprestidae, *Buprestis aurulenta*, Zoogeography.
- 18562-68**
A NEW SPECIES OF THE GENUS HETEROHOPS STEPH. FROM CZECHOSLOVAKIA. 78. CONTRIBUTION TO THE KNOWLEDGE OF THE STAPHYLINIDAE. (GE)
A Smetana
Acta Ent Bohemoslov 64(6):466-471
20 Nov 1967 420 C33
Heterohops balthasari, Insect taxonomy, Staphylinidae.
- 18563-68**
DROSOPHILIDAE (DIPTERA) OCCURRING AT NESTON, CHESHIRE.
K G Smith
*Entomol Mon Mag (SER.4)*96(242):47
Feb 1960 421 EN86
Diptera, Drosophilidae, Taxonomy, Zoogeography.
- 18564-68**
HYDROGEN ION CONCENTRATION (PH) AS RELATED TO THE OCCURRENCE AND ABUNDANCE OF TREE-HOLE DWELLING CULICOIDES SPP., (DIPTERA: CERATAPOGONIDAE) IN NORTHERN FLORIDA.
W W Smith J H Varnell
Mosquito News 27(4):519-521 REF
Dec 1967 421 M85
Ceratopogonidae, Culicoides, Habitats, Hydrogen ion concentration, Insect ecology.
- 18565-68**
TWO NEW LYGAEIDAE (HEMIPTERA) FROM AFRICA.
T R E Southwood
*Entomol Mon Mag (SER.4)*98(270-2):172-174
Jun 1962 421 EN86
Color, Cuticle, Insect identification, Lygaeidae, Taxonomy.
- 18566-68**
SOME SARCOPHAGIDAE (DIPTERA) FROM THE BISMARCK ISLANDS AND THE PHILIPPINES.
H de Souza Lopes
Entomol Medd 35(2):143-176 REF
1967 421 EN82
Diptera, Insect taxonomy, Sarcophagidae, Zoogeography.
- 18567-68**
FURTHER RECORDS OF CAMBRIDGESHIRE BEES AND WASPS.
G M Spooner
*Entomol Mon Mag (SER.4)*98(265):17
Jan 1962 421 EN86
Bees, Hymenoptera, Taxonomy, Zoogeography.
- 18568-68**
A COLLAPSIBLE TRUCK-BOAT TRAP FOR COLLECTING BLOOD-FED MOSQUITOES AND TABANIDS.
C D Steelman C G Richardson R E Schaefer B H Wilson
Mosquito News 28(1):64-67 REF
Mar 1968 421 M85
Boats, Culicidae, Insect collecting equipment, Insect traps, Tabanidae, Trucks.
- 18569-68**
A NEW CULEX (MELANOCONION) FROM FLORIDA (DIPTERA, CULICIDAE).
A Stone J A Hair
Mosquito News 28(1):39-41 REF
Mar 1968 421 M85
Culex cedecei, Insect biology, Insect taxonomy, Zoogeography.
- 18570-68**
A NEW PARASIMULIUM AND FURTHER RECORDS FOR THE TYPE SPECIES (DIPTERA: SIMULIIDAE).
A Stone
Brooklyn Entomol Soc Bull 58(4):127-129
Oct 1963 420 B79
Diptera, Insect identification, Simuliidae, Taxonomy.
- 18571-68**
CHECKLIST OF WEST AFRICAN CULICINI (DIPT., CULICIDAE) WITH BRIEF NOTES ON TERRITORIAL DISTRIBUTION AND BREEDING SITES.
G Surtees
*Entomol Mon Mag (SER.4)*97(256):73-77
Apr 1961 421 EN86
Breeding, Culicidae, Diptera, Insect dissemination, Zoogeography.
- 18572-68**
SOME RECORDS OF ECTOPARASITES FROM BIRDS COLLECTED AT THE JERSEY BIRD OBSERVATORY.
G B Thompson
*Entomol Mon Mag (SER.4)*96(247-249):197
Jul 1960 421 EN86
Birds, Insect identification, Insect taxonomy, Parasitic insects, Parasitism.
- 18573-68**
ON THE NOMENCLATURE OF SOME INSECTS RELATED TO LAC.
R K Varshney
*Entomol Mon Mag (SER.4)*99(284-286):195-197
REF
Aug 1963 421 EN86
Lac, Nomenclature, Taxonomy.
- 18574-68**
CARDIGANSHIRE FLEA RECORDS.
K C Walton
*Entomol Mon Mag (SER.4)*99(284-286):164
Aug 1963 421 EN86
Siphonaptera, Taxonomy, Zoogeography.
- 18575-68**
SAWFLIES (HYM., SYMPHYTA) COLLECTED BY MR. J. E. COLLIN AND MR. E. C. M. D'ASSIS-FONSECA IN THE SCOTTISH HIGHLANDS, MAY AND JUNE, 1959.
L H Woollatt
*Entomol Mon Mag (SER.4)*97(256):87-88
Apr 1961 421 EN86
Hymenoptera, Taxonomy, Tenthredinidae, Zoogeography.

GENETICS

18700-68

CAFFEINE-INDUCED MUTAGENESIS IN DROSOPHILA.

T Alderson A H Khan
Nature 215(5105):1080-1081
 02 Sep 1967 472 N21

Agar, Biochemistry, Caffeine, Drosophilidae, Feeding, Injections, Insect genetics, Mutagens, Mutation, Ribonucleic acid.

18701-68

SALIVARY GLAND CHROMOSOMES IN FOUR SPECIES OF TROPICAL ANOPHELES: A. SUBPICTUS, A. VAGUS, A. HYRCANUS NIGERRIMUS AND A. BARBIROSTRIS.

B N Chowdaiah T T Avirachan P L Seetharam
Indian Acad Sci Proc Sect B 65(5):181-184 REF
 May 1967 513 IN25B

Anopheles, Chromosomes, Cytology, Insect evolution, Insect genetics, Salivary glands.

18702-68

GENE ACTIVATION WITHOUT HISTONE ACETYLTATION IN DROSOPHILA MELANOGASTER.

E G Ellgaard
Science 157(3792):1070-1072
 01 Sep 1967 470 SC12

Acetates, Autoradiography, Drosophila melanogaster, Genes, Histones, Insect genetics, Radioactive tracers.

Abstract

18703-68

NATURAL SELECTION AND FEEDING SPEED IN A BLOOD-SUCKING INSECT.

J D Gillett
167(1008):316-329 REF
 28 Mar 1967

Aedes aegypti, Aedes africanus, Culicidae, Hypersensitivity, Natural selection, Parasitic insects, Salivary glands (insects).

Abstract: Mosquitoes, which depend on a blood meal for egg production, must complete their meal within the safety period in order to lay a full complement of eggs. Thus, fast feeders and those producing a delay in the onset of irritation will tend to lay more eggs, and these two properties will be maintained by natural selection.

18704-68

THE INHERITANCE OF A PEARL-EYED MUTATION OF TROGODERMA GRANARIUM EVERTS (COL., DERMESTIDAE).

E M Reynolds N K Sylvester
*Entomol Mon Mag (SER.4)*97(262-264):221-224
 Oct 1961 421 EN86

Coleoptera, Eyes, Inheritance, Mutation, Trogoderma granarium.

MEDICAL ENTOMOLOGY

18705-68

DOMESTIC QUARANTINE NOTICES. JAPANESE BEETLES.

R J Anderson
Fed Regist 33(164):11887-11890
 22 Aug 1968 L1.451

Agricultural regulation, Animal quarantine, Insect control, Insect dissemination, Livestock diseases, Popillia japonica.

18706-68

DEGRADATION OF HUMAN SERUM PROTEINS IN THE DIGESTIVE TRACT OF MOSQUITOES.

P Mattern R Masseyoff R Taufflieb M Cornet
Nature 215(5106):1193-1194
 09 Sep 1967 472 N21

Culex quinquefasciatus, Environment, Enzymes, Feeding, Gastrointestinal system, Humans, Immunology, Proteins, Research, Serum.

18707-68

CONTROL OF MOSQUITOES WITH DURSBAN INSECTICIDE APPLIED AS A THERMAL FOG.

W O Miller J C McNeill D W Micks P D Ludwig
Mosquito News 28(1):58-62 REF
 Mar 1968 421 M85

Chemical control (insects), Culex pipiens quinquefasciatus, Insecticidal aerosols, Malathion, Naled.

18708-68

ANNUAL REPORT OF THE INSECT VECTOR CONTROL DIVISION (PREVIOUSLY THE MALARIA DIVISION) OF THE MINISTRY OF HEALTH AND HOUSING OF THE GOVERNMENT OF TRINIDAD AND TOBAGO FOR THE YEAR 1966.

Trinidad Tobago Min Health Housing Insect Vector Contr 34P.
 1966 448.9 T73

Aedes aegypti, Blood tests, Climate, Diagnosis, Drug therapy, Human diseases, Insect traps, Insect vectors, Malaria, Malaria control, Spraying, Tables (data), Temperature, Weather.

18709-68

ULTRA-LOW VOLUME AND CONVENTIONAL AERIAL SPRAYS FOR CONTROL OF ADULT SALT-MARSH MOSQUITOES, AEDES SOLICITANS (WALKER) AND AEDES TAENIORHYNCHUS (WIEDEMANN), IN FLORIDA.

G A Mount C S Lofgren
Mosquito News 27(4):473-477 REF
 Dec 1967 421 M85

Aedes sollicitans, Aedes taeniorhynchus, Aerial spraying, Chemical control (insects), Dosage, Fenthion, Insecticides, Malathion, Naled, Tidal marshes.

18710-68

OBSERVATIONS AND SPECULATIONS CONCERNING THE FLEA VECTOR OF MYXOMATOSIS IN BRITAIN.

M Rothschild
*Entomol Mon Mag (SER.4)*21(245): 106-109 REF
 May 1960 421 EN86

Insect vectors, Myxomatosis, Research, Siphonaptera, Virus diseases (animals).

18711-68

HUMAN MALARIA IN NON-HUMAN PRIMATES: EXPERIMENTAL MOSQUITO TRANSMISSION AND INFECTION.

L C Rutledge D J Gould F C Cadigan V Chaicumpa
Mosquito News 28(1):46-49 REF
 Mar 1968 421 M85

Animal diseases, Culicidae, Epidemiology, Insect vectors, Malaria, Monkeys, Plasmodium falciparum, Plasmodium vivax, Zoonoses.

18712-68

A REVIEW OF THE STATE'S TEN YEARS (1948-1957). RA644.M218.

Z Saliternik
 47 P. REF
 0000

Anopheles, Biochemistry, Chemical control (insects), Culex, Entomology, Human diseases, Insect vectors, Malaria, Malaria control, Research, Reviews, Schistosomiasis.

18713-68

DOMESTIC QUARANTINE NOTICES. JAPANESE BEETLE. REGULATED AREAS.

D R Shepherd
Fed Regist 33(164):11890-11892
 22 Aug 1968 L1.451

Agricultural regulation, Animal quarantine, Insect dissemination, Insect vectors, Popillia japonica.

18714-68

EVALUATION OF THERMAL AND NON-THERMAL FOGS AGAINST FOUR SPECIES OF MOSQUITOES.

R T Taylor H F Schoof
Mosquito News 28(1):8-- REF

Mar 1968 421 M85

Aedes taeniorhynchus, Anopheles albimanus, Chemical control (insects), Culex pipiens quinquefasciatus, Insecticidal aerosols, Isopropropyl phenyl methylcarbamate, o-, Naled.

18715-68

ZONOOSES IN THE TROPICS.

J Van Der Hoeden
Refuah Vet 24(2):88-87
 Jun 1967 41.8 R25

Animal diseases, Animal vectors, Human diseases, Public health, Zoonoses.

18716-68

THE EFFECTS OF VARIOUS ANESTHETICS ON THE ACTION OF DDT ON ANOPHELES LARVAE.

S A White J C Jones
Mosquito News 28(1):29-33 REF
 Mar 1968 421 M85

Anesthetics, Anopheles quadrimaculatus, Ddt, DDT, DDT, Insect physiology, Insecticide synergists, Larvae.

CROP PRODUCTION

18717-68

EFFECT OF GIBBERELIC ACID ON GENETICALLY CONTROLLED TUMOUR FORMATION AND VASCULARIZATION IN TOMATO.

M R Ahuja G R Doering
Nature 216(5117):800-801 REF
 25 Nov 1967 472 N21

Breeding, Crown galls, Genes, Gibberellic acid, Plant anatomy, Plant genetics, Plant physiology, Research, Tomatoes.

18718-68

EXUDATION OF AMINO ACIDS BY INTACT AND DAMAGED ROOTS OF WHEAT AND PEAS.

W A Ayers R H Thornton
Plant Soil 28(2):193-207 REF
 Apr 1968 450 P696

Amino acids, Culture media, Nitrogen, Oxygen, Peas, Plant injuries, Quantitative analysis, Roots, Seedlings, Wheat.

18719-68

COTTON. SEEDLING DISEASES; VARIOUS ORGANISMS.

C W Blackman
Amer Phytopathol Soc (rep) 23:116-118
 1967 464.9 AM31R

Chemicals, Cotton, Crop yields, Research, Seed treatment, Tables (data).

18720-68

COTTON. SEEDLING DISEASES, SEVERAL FUNGI.

C W Blackman
Amer Phytopathol Soc (rep) 23:96-98
 1967 464.9 AM31R

Cotton, Crop yields, Fungi, Plant diseases, Research, Spraying, Tables (data).

18721-68

THIABENDAZOLE CONTROL OF PENICILLIUM ROT OF MCINTOSH APPLES.

G D Blanpied A Purnasiri
Plant Dis Rep 52(11):867-871
 Nov 1968 1.9 P69P

Apples, Chemical control (plant diseases), Fungicides, Penicillium expansum, Research, Storage, Thiazolyl-benzimidazole, 2-(4-

18722-68

TOMATO. GRAY LEAF SPOT, BACTERIAL LEAF SPOT; STEMPHYLIUM SOLANI, XANTHOMONAS VESICATORIA.

C H Blazquez
Amer Phytopathol Soc (rep) 23:87-88
 1967 464.9 AM31R

- 18749-68
CHANGES IN THE STRUCTURE OF DIFFERENT VARIETIES OF WHEAT CULM IN DIFFERENT LOCALITIES AFTER TREATMENT WITH CCC. (ge)
 E Primost G Rittmeyer
Z Acker- Pflanz 128(2):117-138 REF
 Aug 1968 18 J825
 Biochemistry, CCc, Culm, Nodules (plants), Plant hardiness, Plant physiology, Plant translocation, Research, Wheat. English summary.
- 18750-68
PLANT TREATMENT IN RELATION TO THE RHIZOSPHERE EFFECT I. PRETREATMENT OF ROOTS OF RICE SEEDLINGS TO CERTAIN CHEMICALS AND ANTIBIOTICS ON THE RHIZOSPHERE MICROFLORA.
 T K Ramachandra Freddy
Plant Soil 28(2):347-356 REF
 Apr 1968 450 P696
 Chemicals, Crops, Nutrient solutions (plants), Research, Rhizosphere, Rice, Roots, Seedlings.
- 18751-68
MICROORGANISMS IN PADDY SOIL. S597.R3.
 G Rangaswami R Venkatesan
192 P. REF INDIA, TRICHINOPOLY UNITED PRINTERS
 1966
 Bacteria, Land, Manures, Nitrogen, Plants, Population, Rice, Roots, Soil microorganisms, Soils, Water.
- 18752-68
BARLEY. LOOSE SMUT, USTILAGO NUDA.
 H E Reed A Y Chambers
Amer Phytopathol Soc (rep) 23:95
 1967 464.9 AM31R
 Barley, Crop yields, Fungicides, Research, Seed treatment, Seedlings, Ustilago nuda.
- 18753-68
CONCENTRATIONS OF GIBBERELLIN IN CHILLED HAZEL SEEDS.
 J D Ross J W Bradbeer
Nature 220(5162):85-86
 05 Oct 1968 472 N21
 Assay, Cold, Corylus avellana, Gibberellins, Plant physiology, Plant translocation, Research, Seed dormancy, Seedlings, Temperature.
- 18754-68
NORTHERN PIN OAK. CHLOROSIS, IRON DEFICIENCY.
 D F Schoeneweiss
Amer Phytopathol Soc (rep) 23:110-111
 1967 464.9 AM31R
 Chemicals, Chlorosis (plants), Plant nutritional deficiencies, Quercus palustris, Research, Soil analysis, Soil structure, Tables (data), Trees.
- 18755-68
TOMATO. ANTHRACNOSE AND EARLY BLIGHT; COLLETOTRICHUM SPP., ALTERNARIA SOLANI.
 W T Schroeder
Amer Phytopathol Soc (rep) 23:91-92
 1967 464.9 AM31R
 Alternaria solani, Chemicals, Colletotrichum, Fungicides, Research, Spraying, Tables (data), Tomatoes.
- 18756-68
ABSTRACTS OF THE 1968 ANNUAL MEETING OF THE POTOMAC DIVISION OF THE AMERICAN PHYTOPATHOLOGICAL SOCIETY.
Phytopathology 58(7):883-888
 Jul 1968 464.8 P56
 Phytopathology, Plant disease control, Research.
- 18757-68
STEROL-LIKE COMPOUNDS WITH AUXIN ACTIVITY IN HUMAN URINE.
 J C Vcndkig
Z Pflanzenphysiol 57(2):113-127 REF
 May 1967 450 Z32
- Biochemistry, Chromatography, Hydrolysis, Indoleacetic acid, Plant hormones, Research, Steroids, Ultraviolet rays, Urine. German summary.
- 18758-68
SEED TRANSMISSION STUDIES OF MAIZE DWARF MOSAIC VIRUS IN CORN.
 L E Williams W R Findley E J Dollinger R M Ritter
Plant Dis Rep 52(11):863-864
 Nov 1968 1.9 P69P
 Biological transport, Dwarf disease (corn), Greenhouse culture, Harvesting, Research, Seedlings, Virus diseases (plants).
- 18759-68
THE EFFECT OF FOUR ORGANOPHOSPHOROUS INSECTICIDES ON COCCINELLIDS AND CHRYSOPIDS. IN: HODEK, I., ED. ECOLOGY OF APHIDOPHAGOUS INSECTS. SB975.0S9.
 J Zeleny
337-340
 1966
 Aphididae, Chemical control (pests), Chrysopidae, Coccinellidae, Insecticides, Organic compounds, Research.
- 18760-68
INFLUENCE OF FOLIAGE RUST ON YIELD, TEST WEIGHT, AND OIL PERCENTAGE OF SAFFLOWER SEED.
 D E Zimmer A L Urle
Plant Dis Rep 52(11):876-878
 Nov 1968 1.9 P69P
 Crop yields, Harvesting, Maneb, Planting, Puccinia carthami, Research, Safflower, Spraying.

DISEASES

18761-68
PEANUT. SEEDLING BLIGHT: RHIZOCTONIA, FUSARIUM, AND THIELAVIOPSIS SPP.
Amer Phytopathol Soc (rep) 23:119-120
 1967 464.9 AM31R
 Chemicals, Dusting, Fusarium, Greenhouses, Peanuts, Research, Rhizoctonia, Soil structure, Tables (data), Thielaviopsis.

18762-68
PERFORMANCE OF SOME GRASSES AGAINST CEREAL ROSTS.
 S T Ahmad S Singh
Indian Phytopathol 20(3):211-214 REF
 Sep 1967 464.8 IN2
 Fungus diseases (plants), Grasses, Plant disease resistance, Puccinia graminis tritici, Puccinia recondita, Rust (grain).

18763-68
STUDIES ON TAPHRINA MACULANS BUTLER, INCITING LEAF SPOT OF TURMERIC (CURCUMA LONGA L.). I. ISOLATION OF THE PATHOGEN.
 L Ahmed N B Kulkarni
Mycopathol Mycol Appl 34(1):40-46 REF
 19 Jan 1968 450 M994
 Curcuma longa, Fungus diseases (plants), Leaf spot (Curcuma), Taphrina maculans.

18764-68
TOMATO BUSHY STUNT VIRUS FROM PRUNUS AVIUM L. I. FIELD STUDIES AND VIRUS CHARACTERIZATION.
 W R Allen T R Davidson
Can J Bot 45(12):2375-2383 REF
 Dec 1967 470 C16C
 Bushy stunt (tomatoes), Datura, Mazzard cherries, Tomatoes, Virus diseases (plants). Apparently first isolation from Rosaceae; distinguishable from type strain

Abstract
 18765-68
TOMATO BUSHY STUNT VIRUS AND PRUNUS AVIUM L. I. FIELD STUDIES AND VIRUS CHARACTERIZATION.

W R Allen T R Davidson
Horticultural Abs 38(3):681
 Sep 1968 241 IM74
 Bushy stunt (tomatoes), Mazzard cherries, Properties, Research, Tomatoes, Virus diseases (plants).

18766-68
PESTS AND DISEASES IN THE DECIDUOUS ORCHARDS OF ISRAEL. IN 1960-1964. SB608.F8A7.
 Z Arcnstcin
30 P.
 Mar 1965
 Climate, Fruit, Insect pests, Plant diseases, Plant injuries, Spraying, Surveys.

18767-68
IN VITRO POLYMERIZATION OF WINTER WHEAT MOSAIC VIRUS ANTIGEN.
 J G Atabekov G A Popova N A Kiselev A S Kaftanova
Virology 35(3):458-472 REF
 Jul 1968 448.8 V81

Antigens, Centrifugation, Crystallography, Culture media, Density, Electron microscopy, Electrophoresis, Hydrogen-ion concentration, Leaves, Mosaic (wheat), Polymerization, Proteins, Sedimentation, Serological tests, Virus diseases (plants), Viscosity.

18768-68
INHERITANCE OF RESISTANCE TO VENTURIA INAEQUALIS IN CRABAPPLES.
 H S Bagga D M Boone
Phytopathology 58(8):1183-1187 REF
 Aug 1968 464.8 P56
 Crabapples, Fungus diseases (plants), Inheritance, Plant disease resistance, Venturia inaequalis.

18769-68
GENES IN VENTURIA INAEQUALIS CONTROLLING PATHOGENICITY TO CRABAPPLES.
 H S Bagga D M Boone
Phytopathology 58(8):1176-1182 REF
 Aug 1968 464.8 P56
 Crabapples, Fungus diseases (plants), Genes, Genetics, Venturia inaequalis.

18770-68
A SIMPLE TECHNIQUE FOR EVALUATING SYSTEMIC FUNGICIDES AND INSECTICIDES FOR CONTROL OF COTTON BOLL ROT.
 H S Bagga
Plant Dis Rep 52(11):835-837
 Nov 1968 1.9 P69P
 Boll rot (cotton), Chemical control (plant diseases), Equipment, Fungicides, Insecticides, Laboratories, Research, Upland cotton.

18771-68
STUDY ON THE INSECTICIDAL RESISTANCE ON RICE STEM BORERS (CHILO SUPPRESSALIS WALKER). (KO)
 D H Bai M K Baik S S Song
Korea Min Agr Forest Office Rural Develop Res Rep 10(3):123-127
 Sep 1967 22.5 K843
 Chemical control (insects), Chilo suppressalis, Epn, Hibernation, Insecticides, Laboratories, Research, Spraying. English summary.

18772-68
LEAF DIP SEROLOGY FOR ELECTRON MICROSCOPIC IDENTIFICATION OF PLANT VIRUSES.
 E M Ball M K Brakke
Virology 36(1):152-155
 Sep 1968 448.8 V81
 Biochemistry, Dipping, Electron microscopy, Leaves, Methodology, Morphology, Serological tests, Virology, Virus diseases (plants).

18773-68
STEM AND ROOT DISEASES OF BEANS.
 B Ballantyne
Agr Gaz New S Wales 79(8):463-468
 Aug 1968 23 N472

- M V Cheshire P C De Kock R H E Inskon
J Sci Food Agr 18(4):156-160 REF
 Apr 1967 382 SO12
 Copper, Oats, Peat, Plant nutritional deficiencies.
- 18801-68**
PEACH. BROWN ROT AND RHIZOPUS ROT; MONILINIA FRUCTICOLA AND RHIZOPUS SP.
 C N Clayton
Amer Phytopathol Soc (rep) 23:53-54
 1967 464.9 AM31R
 Chemical control (plant diseases), Chemicals, Fungicides, Harvesting, Monilinia fructicola, Peaches, Research, Rhizopus.
- 18802-68**
SOME ASPECTS OF CANKER DEVELOPMENT ON APPLE WOOD BY BOTRYOSPHERA RIBIS. (ABSTRACT).
 S R Connor
Phytopathology 57(7):645
 Jul 1967 464.8 P56
 Apples, Botryosphaeria ribis, Canker (apples), Fungus diseases (plants), Tree diseases.
- 18803-68**
PREVENTION OF PERITHECIAL DEVELOPMENT BY VENTURIA INAEQUALIS BY LATE-SEASON APPLICATIONS OF FUNGICIDES. (ABSTRACTS).
 S R Connor J W Heuberger
Phytopathology 58(7):883
 Jul 1968 464.8 P56
 Dodine, Fungicides, Glyodin, Leaves, Perithecia, Phenylmercuric chloride, Seasons, Spraying, Venturia inaequalis.
- 18804-68**
PRIMARY CANCEROUS TUMOURS IN SEVERAL VINE VARIETIES.
 G Constantinescu
Horticultural Abs 38(3):684
 Sep 1968 241 IM74
 Bacterial diseases (plants), Climbing plants, Crown galls (plants).
- 18805-68**
INFLUENCE OF OATS ON SOIL-BORNE POPULATIONS OF FUSARIUM ROSEUM F. SP. CEREALES 'CULMORUM'.
 J R Cook
Phytopathology 58(7):957-960
 Jul 1968 464.8 P56
 Cuts, Fungus diseases (plants), Fusarium roseum, Parasitic plants, Soil-borne plant diseases, Sporulation, Wheat.
- 18806-68**
APPLE. POWDERY MILDEW, PODOSPHERA LEUCOTRICIA.
 R P Covey Jr
Amer Phytopathol Soc (rep) 23:34
 1967 464.9 AM31R
 Apples, Chemicals, Crop yields, Harvesting, Podosphaera leucotricia, Spraying, Trees.
- 18807-68**
NOTCHED LEAF IN GLADIOLUS SPP., CAUSED BY VIRUSES OF THE TOBACCO RATTLE VIRUS GROUP.
 M C Cremer P K Schenk
Neth J Plant Pathol 73(2):33-48 REF
 1967 464.8 T44
 Gladiolus, Virus diseases (plants), English and Dutch summaries.
- Abstract
- 18808-68**
INCREASE OF DIAPORTHE PHASEOLORUM VAR. SOJAE ON SOYBEAN PODS DUE TO CORN EARWORM. (ABSTRACTS).
 H W Crittenden
Phytopathology 58(7):883
 Jul 1968 464.8 P56
 Diaporthe phaseolorum, Fungus diseases (plants), Heliothis zea, Phytopathology, Seeds, Soybeans.
- 18809-68**
TESTING CHERRY ROOTSTOCKS FOR RESISTANCE TO INFECTION BY RASPBERRY RINGSPOT AND CHERRY LEAF ROLL VIRUSES.
 R Cropley
Horticultural Abs 38(3):681
 Sep 1968 241 IM74
 Cherries, Leaf roll (cherries), Plant disease resistance, Research, Ring spot (raspberries), Roots, Virus diseases (plants).
- 18810-68**
EFFECTS OF CROP ROTATION SEQUENCES ON RHIZOCTONIA HYPOCOTYL ROT OF SNAPBEAN. (ABSTRACT).
 D F Crossan W J Manning
Phytopathology 58(7):883
 Jul 1968 464.8 P56
 Agricultural research, Beans, Crop rotation, Rhizoctonia solani, Root rot (beans), Plants used for plant sequences were corn, barley, oats, beans, rye, peppers, peas, wheat, cabbage, tomatoes.
- 18811-68**
EFFECT OF NITROGEN AND CHLORIDE NUTRITION ON SUSCEPTIBILITY AND EFFECT OF FUNGICIDE APPLICATIONS ON CONTROL OF FUSICOCCUM CANKER OF PEACH.
 R H Daines
Horticultural Abs 38(3):686-687
 Sep 1968 241 IM74
 Canker (peaches), Fungicides, Fungus diseases (plants), Fusicoccum, Nitrogen, Peaches, Pesticide application, Plant disease resistance.
- 18812-68**
FUSIFORM RUST IN SOUTHERN PINE.
 T C Davis J Goggans
Highlights 15(3):10 FALL
 1968 100 AL1H
 Cronartium fusiforme, Fungus diseases (plants), Fusiform rust (pinus), Greenhouse culture, Injections, Seedlings, Tree injuries.
- 18813-68**
SOIL FUMIGANTS TESTED FOR CONTROL OF CROWN GALL.
 I W Deep R A McNeilan I C MacSwan
Horticultural Abs 38(3):684
 Sep 1968 241 IM74
 Bacterial diseases (plants), Crown galls (plants), Pest control, Soil fumigation.
- 18814-68**
RICE. BLAST, PIRICULARIA ORZAE.
 C J Delp R L Krause A W Engelhard
Amer Phytopathol Soc (rep) 23:100
 1967 464.9 AM31R
 Culture media, Injections, Piricularia oryzae, Research, Rice, Seedlings, Spraying.
- 18815-68**
APPLE. APPLE SCAB AND POWDERY MILDEW; VENTURIA INAEQUALIS PODOSPHERA LEUCOTRICIA.
 C J Delp
Amer Phytopathol Soc (rep) 23:37
 1967 464.9 AM31R
 Apples, Azinphosmethyl, Fungicides, Podosphaera leucotricia, Research, Spraying, Trees, Venturia inaequalis.
- 18816-68**
SOUR CHERRY. CHERRY LEAF SPOT, COCCOMYCES HIEMALIS.
 C J Delp A W Engelhard
Amer Phytopathol Soc (rep) 23:51
 1967 464.9 AM31R
 Chemical control (plant diseases), Cherries, Cocomyces hiemalis, Insecticides, Spraying, Tree diseases.
- 18817-68**
APPLE. APPLE SCAB, VENTURIA INAEQUALIS.
 C J Delp
Amer Phytopathol Soc (rep) 23:35
 1967 464.9 AM31R
 Apples, Chemicals, Fungicides, Hibernation, Leaves, Spraying, Venturia inaequalis.
- 18818-68**
LOCAL LESION REACTIONS OF CHENOPODIUM SPECIES TO WATERMELON MOSAIC VIRUS 2.
 J W Demski
Phytopathology 58(8):1196-1197
 Aug 1968 464.8 P56
 Chenopodium, Mosaic (watermelons), Virus diseases (plants), Watermelons.
- 18819-68**
STUDIES ON SPREAD, POSSIBLE HERBACEOUS PLANT RESERVOIRS, AND SEROLOGICAL RELATIONSHIPS OF SOME VIRUS ISOLATES FROM SOUR CHERRY (PRUNUS CERASUS L.).
 J W Demski
Horticultural Abs 38(3):681
 Sep 1968 241 IM74
 Research, Serological tests, Sour cherries, Virus diseases (plants).
- 18820-68**
DIFFERENTIATION IN PHYTOPHTHORA INFESTANS. I. A COMPARATIVE STUDY OF EIGHT DIFFERENT BIOTYPES.
 T Denward
Hereditas 58(1-2):191-220 REF
 1967 442.8 H42
 Genes, Phytophthora infestans, Plant disease resistance, Plant genetics, Plant physiology, Potatoes.
- 18821-68**
A BIOCIDES PRODUCED BY PATHOGENIC ISOLATES OF PSEUDOMONAS SYRINGAE AND ITS POSSIBLE ROLE IN THE BACTERIAL CANKER DISEASE OF PEACH TREES.
 J E DeVay
Horticultural Abs 38(3):684
 Sep 1968 241 IM74
 Bacterial diseases (plants), Canker (fruit), Peaches, Pseudomonas syringae.
- 18822-68**
APPLE. APPLE SCAB, VENTURIA INAEQUALIS.
 C R Drake J J Albert
Amer Phytopathol Soc (rep) 23:39
 1967 464.9 AM31R
 Apples, Environment, Fungicides, Leaves, Research, Spraying, Venturia inaequalis.
- 18823-68**
SOYBEAN. SEED DECAYS AND SEEDLING DISEASES; SEED AND SOIL BORNE FUNGI.
 P D Dukes W H Marchant T J Ratcliffe
Amer Phytopathol Soc (rep) 23:124-126
 1967 464.9 AM31R
 Aspergillus flavus, Aspergillus niger, Chemicals, Fungi, Fungicides, Laboratories, Research, Seed treatment, Seedlings, Soils, Soybeans, Tables (data).
- 18824-68**
A CONTRIBUTION TO THE STUDY OF RINGSPOT TYPE VIRUSES OF STONEFRUIT TREES.
 J Duncz
Horticultural Abs 38(3):681
 Sep 1968 241 IM74
 Fruit, Research, Ring spot (fruit), Trees, Virus diseases (plants).
- 18825-68**
BIOCHEMICAL FACTORS AFFECTING SPORULATION OF THE BROWN ROT FUNGUS, MONILINIA FRUCTICOLA (WINT.) HONEY.
 M M S A El-Zayat
Horticultural Abs 38(3):686
 Sep 1968 241 IM74
 Biochemistry, Brown rot (fruit), Fungus diseases (plants), Monilinia fructicola, Peaches, Pears.

- 18852-68**
HOST-PARASITE RELATIONSHIP IN SAFFLOWER RESISTANT AND SUSCEPTIBLE TO PHYTOPHTHORA ROOT ROT.
J M Klisiewicz L B Johnson
Phytopathology 58(7):1022-1025
Jul 1968 464.8 P56
Fungus diseases (plants), Hypocotyls, Necrosis, Parasitism, Phytophthora drechsleri, Plant disease resistance, Safflower, Seed germination.
- 18853-68**
SOUR CHERRIES, LEAF SPOT AND POWDERY MILDEW, COCCOMYCES HIEMALIS, PODOSPHAERA OXYACANTHAE.
E J Klos J Robb R Miller
Amer Phytopathol Soc (rep) 23:52
1967 464.9 AM31R
Chemical control (plant diseases), Cherries, Coccomyces hiemalis, Difolatan, Dodine, Podosphaera oxycanthae, Tree diseases.
- 18854-68**
GRAPE, BLACK ROT AND POWDERY MILDEW; GUIGNARDIA BIDWELLII, AND UNCINULA NECATOR.
E J Klos J Robb R Miller
Amer Phytopathol Soc (rep) 23:58
1967 464.9 AM31R
Difolatan, Folpet, Fungicides, Grapes, Guignardia bidwellii, Plant diseases, Research, Uncinula necator.
- 18855-68**
SOME PHYSIOLOGICAL PROPERTIES OF PSEUDOMONAS SYRINGAE VAN HALL TESTED ON VARIOUS ISOLATIONS. (GE)
D Knosel E Lange
Z Pflanzenkrankh (pflanzentopathol) Pflanzenschutz 75(8):468-472 REF
Aug 1968 464.8 Z3
Enzymes, Fruit, Physiology, Plant diseases, Pseudomonas syringae, Research. English summary.
- 18856-68**
CHANGES IN THE HETEROLOGOUS REACTIONS OF ANTISERA AGAINST MEMBERS OF THE POTATO VIRUS X GROUP DURING THE IMMUNE RESPONSE. (GE)
R Koenig R Bercks
Phytopathol Z 61(4):382-398 REF
Apr 1968 464.8 P562
Blood tests, Immunity, Immunization, Mosaic (white clover), Rabbits, Serological tests, Virus diseases (animals), Virus x (cactaceae), Virus x (potatoes), Yellow mosaic (clover). Lish summary.
- 18857-68**
THE SIGNIFICANCE OF SPINACH AS A HOST PLANT OF THE RAPE-NEMATODE HETERODERA SCHACHTII SCHM. (GE)
V H Kohler
Z Pflanzenkrankh (pflanzentopathol) Pflanzenschutz 75(5):288-290
May 1968 464.8 Z3
Heterodera schachtii, Insects, Larvae, Roots, Spinach. English summary.
- 18858-68**
AGENT FOR THE COMBATMENT OF MOULDS. PATENT 3,376,190.
H Koopman A Tempel
Us Patent Office Offic Gaz 849(1):177
02 Apr 1968 156.65 OF2
Fungicides, Patents, Tetrabromo compounds.
- 18859-68**
OBSERVATIONS ON THE FORMATION AND DISPERSAL OF CONIDIA OF MYCOSPHAERELLA MUSICOLA LEACH. (GE)
V J Kranz
Z Pflanzenkrankh (pflanzentopathol) Pflanzenschutz 75(6):327-338 REF
Jun 1968 464.8 Z3
Fungus diseases (plants), Humidity, Mycosphaerella musicola, Seed dissemination, Temperature. English summary.
- 18860-68**
THE EFFECT OF DITHIOCARBAMATE-CONTAINING FUNGICIDES (ZINEB AND MANEB) ON THE MITOCHONDRIAL ACTIVITY IN PLUM LEAVES.
K Kristeu M Kristeva
Horticultural Abs 38(3):695
Sep 1968 241 IM74
Dithiocarbamates, Fungicides, Fungus diseases (plants), Plums.
- 18861-68**
INFLUENCE OF DEVELOPMENTAL STAGE OF RICE PLANT ON SUSCEPTIBILITY TO HOJA BLANCA VIRUS.
H A Lamey T R Everett C D Brister
Phytopathology 58(8):1168-1170
Aug 1968 464.8 P56
Hoja blanca (rice), Morphology, Plant disease resistance, Rice, Virus diseases (plants).
- 18862-68**
SOME PROPERTIES OF CHRYSANTHEMUM STUNT VIRUS. (ABSTRACT).
R H Lawson
Phytopathology 58(7):885
Jul 1968 464.8 P56
Chrysanthemum, Infectious diseases, Leaves, Pyrethrum, Research, Sap, Starches, Stunt (chrysanthemum), Viruses.
- 18863-68**
SOME VIEWPOINTS ON THE PHYLOGENY OF RUST FUNGI. IV. BIOGENIC RADIATION.
E E Leppik
Mycologia 59(4):568-579 MAP REF
Jul 1967 450 M99
Biogenesis, Irradiation, Parasitic plants, Uredinales.
- 18864-68**
APPLE, SCAB, MILDEW, MITES; VENTURIA INAEQUALIS, PODOSPHAERA LEUCOTRICHIA, PANONYCHUS ULMI, AND TETRANYCHUS TELARIUS.
F H Lewis
Amer Phytopathol Soc (rep) 23:44
1967 464.9 AM31R
Apples, Chemical control (plant diseases), Defoliation, Fungicides, Insecticides, Panonychus ulmi, Podosphaera leucotricha, Research, Tetranychus telarius, Trees, Venturia inaequalis.
- 18865-68**
BEAN (SNAP). ROOT ROT, RHIZOCTONIA SOLANI.
G D Lewis
Amer Phytopathol Soc (rep) 23:66
1967 464.9 AM31R
Beans, Fungicides, Research, Rhizoctonia solani, Seed treatment.
- 18866-68**
ASPARAGUS. ROOT ROT, FUSARIUM OXYSPORUM F. ASPARAGI.
G D Lewis R Saleh
Amer Phytopathol Soc (rep) 23:63
1967 464.9 AM31R
Asparagus, Fungicides, Fusarium oxysporum, Plant diseases, Research, Spraying.
- 18867-68**
EFFECT OF ARTIFICIALLY OR NATURALLY INTRODUCED UREDOSPORES ON STEM RUST DEVELOPMENT IN PREVIOUSLY INFECTED FIELDS OF WHEAT. (ABSTRACT).
R F Line C E Peet
Phytopathology 58(7):885
Jul 1968 464.8 P56
Fungus diseases (plants), Infectious diseases, Injections, Puccinia graminis tritici, Stem rust (wheat), Uredosporae, Wheat.
- 18868-68**
STRAWBERRY. VERTICILLIUM WILT, VERTICILLIUM DAHLIAE.
C L Lockhart A A MacNah
Amer Phytopathol Soc (rep) 23:60
1967 464.9 AM31R
Crop yields, Plant diseases, Research, Strawberries, Verticillium dahliae.
- 18869-68**
XYLEM ABERRATION, A TRANSMISSIBLE DISEASE OF STONE FRUITS.
T B Lott
Can Plant Dis Surv 47(3):74-75 REF
Sep 1967 464.9 C165
Fruit, Plant abnormalities, Plant disease transmission, Prunus virginiana, Virus diseases (plants), Xylem.
- 18870-68**
XYLEM ABERRATION, A TRANSMISSIBLE DISEASE OF STONE FRUITS.
T B Lott
Horticultural Abs 38(3):681
Sep 1968 241 IM74
Fruit, Infectious diseases, Virus diseases (plants), Xylem.
- 18871-68**
TOBACCO MOSAIC VIRUS-INDUCED RESISTANCE TO PSEUDOMONAS TABACI IN TOBACCO.
L Lovrekovich H Lovrekovich M A Stahmann
Phytopathology 58(7):1034-1035 REF
Jul 1968 464.8 P56
Bacterial diseases (plants), Buffer substances, Mosaic (tobacco), Plant disease resistance, Pseudomonas tabaci, Research, Tobacco, Virus diseases (plants).
- 18872-68**
PEACH. RHIZOPUS ROT, RHIZOPUS STOLONIFER.
N S Luepschen
Amer Phytopathol Soc (rep) 23:55
1967 464.9 AM31R
Fungicides, Harvesting, Peaches, Research, Rhizopus stolonifer.
- 18873-68**
CELLULOSE DEGRADATION BY CELLULOSE OF SCLEROTINIA SCLEROTIURUM PRODUCED IN CULTURE. (ABSTRACT).
R D Lumsden
Phytopathology 58(7):885-886
Jul 1968 464.8 P56
Beans, Carboxymethyl cellulose, Cellulase, Culture media, Enzymes, Fungus diseases (plants), Glucose, Hydrogen-ion concentration, Sclerotinia sclerotium.
- 18874-68**
NOTES ON SCOTTISH FUNGI.
Q D MacGarvie
Plant Pathol 17(3):113
Sep 1968 464.8 P692
Chrysanthemum, Festuca, Fungi, Grain, Grasses, Taxonomy.
- 18875-68**
PERSISTENCE OF THE ACARICIDE BINAPACRYL. (GE)
V H Maier-bode
Z Pflanzenkrankh (pflanzentopathol) Pflanzenschutz 75(6):321-327 REF
Jun 1968 464.8 Z3
Apples, Binapacryl, Metabolites, Plant injuries, Rats. English summary.
- 18876-68**
A NEW CONTRIBUTION TO THE USE OF WETTABLE SULPHUR AGAINST POWDERY MILDEW OF VINE: EXPERIMENTAL RESULTS.
P Malbrunot
Horticultural Abs 38(3):689
Sep 1968 241 IM74
Fungicides, Fungus diseases (plants), Grapes, Powdery mildew (grapes).
- 18877-68**
IMMUNOFLUORESCENT STAINING AS A MEANS OF IDENTIFYING MYCELIUM OF

18878-68

RHIZOCTONIA SOLANI ON SLIDES USED IN SOIL ECOLOGICAL STUDIES. (ABSTRACT).
W J Manning D F Crossan
Phytopathology 58(7):886
Jul 1968 464.8 P56

Beans, Ecology, Fluorescence, Fungus diseases (plants), Immunity, Mycelium, Oats, Rhizoctonia solani, Soils.

18878-68

BEAN (SNAP, TENDERCROP). HYPOCOTYL ROT; RHIZOCTONIA SOLANI.
W J Manning D F Crossan D J Morton
Amer Phytopathol Soc (rep) 23:66
h55555464.9 AM31R

Beans, Chemicals, Fungicides, Research, Rhizoctonia solani, Seed treatment.

18879-68

POTATO. SCAB, STREPTOMYCES SCABIES.
F E Manzer D Merriam
Amer Phytopathol Soc (rep) 23:81-82
1967 464.9 AM31R

Chemical control (plant diseases), Crop yields, Fertilization (plants), Potatoes, Research, Seeds, Soil structure, Streptomyces scabies, Tables (data).

18880-68

POTATO. LATE BLIGHT, PHYTOPHTHORA INFESTANS.
F E Manzer D Merriam
Amer Phytopathol Soc (rep) 23:80-81
1967 464.9 AM31R

Chemical control (plant diseases), Chemicals, Crop yields, Defoliation, Fungicides, Phytophthora infestans, Potatoes, Tables (data).

18881-68

LETTUCE. SCLEROTINIA ROT, SCLEROTINIA SCLEROTIURUM.
R K McKittrick
Amer Phytopathol Soc (rep) 23:75
1967 464.9 AM31R

Chemical control (plant diseases), Fertilizers, Injections, Lettuce, Plant diseases, Sclerotinia sclerotiorum, Soil fumigation, Tables (data).

18882-68

DETECTION OF FREE VIRAL NUCLEIC ACID IN THE POTATO VIRUS X INFECTED TOBACCO, BY GEL ELECTROPHORESIS.
K A Mieczynski
Phytopathol Z 61(4):309-330 REF
Apr 1968 464.8 P562

Bentonite, Electrophoresis, Leaves, Plant extracts, Proteins, Ribonucleic acid, Tobacco, Virus diseases (plants), Virus x (potatoes). Summary in German

18883-68

RELATIVE SUSCEPTIBILITY OF BLUEBERRY CULTIVARS TO PHYTOPHTHORA CINNAMONI.
R D Milholland G J Galletta
Horticultural Abs 38(3):687
Sep 1968 241 IM74

Blueberries, Fungus diseases (plants), Phytophthora cinnamoni, Plant disease resistance.

18884-68

ON THE PARASITISM BY FUNGI OF THE GENUS CYTOSPORA ON APPLES.
I I Minkevic
Horticultural Abs 38(3):685
Sep 1968 241 IM74

Apples, Cytospora, Fungus diseases (plants), Parasitism.

18885-68

OCCURRENCE AND PATHOGENICITY OF PYTHIUM IN PEACH ORCHARD SOILS. (ABSTRACT).
S M Mircetich H W Fogle
Phytopathology 58(7):886
Jul 1968 464.8 P56

Fungus diseases (plants), Orchards, Peaches, Phytopathology, Pythium, Soil fungi.

18886-68

WHEAT. STEM RUSTS, PUCCINIA SPP.
H A Mohamed M A Arafa
Amer Phytopathol Soc (rep) 23:106
1967 464.9 AM31R

Chemicals, Fungicides, Fungus diseases (plants), Injections, Puccinia, Research, Tables (data), Wheat.

18887-68

A FIELD COMPARISON OF FUNGICIDES AS MEDIUM VOLUME SPRAYS ON APPLES.
M H Moore M Bennett
Horticultural Abs 38(3):694-695
Sep 1968 241 IM74

Apples, Fungicides, Fungus diseases (plants), Plant protection, Spraying.

18888-68

PEPPER. BACTERIAL SPOT, XANTHOMONAS VESICATORIA.
D J Morton D J Fieldhouse S H Kim
Amer Phytopathol Soc (rep) 23:77
1967 464.9 AM31R

Harvesting date, Pepper (spice), Plant diseases, Saccharin, Spraying, Weather, Xanthomonas vesicatoria.

18889-68

EFFECTS OF ULTRAVIOLET RADIATION ON THE ESTABLISHMENT OF ERYSIPIHE GRAMINIS F. SP. TRITICI ON WHEAT.
M S Mount A H Ellingboe
Phytopathology 58(8):1171-1175
Aug 1968 464.8 P56

Erysiphe graminis, Fungus diseases (plants), Irradiation, Ultraviolet rays, Wheat.

18890-68

A ROT OF THE PRIMARY ROOT OF THE APPLE SEEDLING.
D Mulder
Horticultural Abs 38(3):685
Sep 1968 241 IM74

Apples, Fungus diseases (plants), Roots, Rot (apples).

18891-68

FUNGICIDES TO CONTROL CERCOSPORA DISEASE OF VINES.
O B Musinova A K Aleksan'jan
Horticultural Abs 38(3):688
Sep 1968 241 IM74

Cercospora, Climbing plants, Fungicides, Fungus diseases (plants), Pest control.

18892-68

RELATION OF NITROGEN FERTILIZERS AND MANURE TO VASCULAR WILT OF EGYPTIAN COTTON CAUSED BY FOUR FUSARIA SPECIES AND STRAINS.
M S Naim A S Shaaban
Mycopathol Mycol Appl 31(3-4):257-266, REF
28 Apr 1967 450 M994

Cotton, Fertilizers, Fusarium, Nitrogen, Wilt (cotton).

18893-68

A CELLOPHANE TRANSFER BIOASSAY FOR DETERMINING PERSISTENCE OF FUNGICIDES. (ABSTRACT).
D Neely
Phytopathology 58(8):1061
Aug 1968 464.8 P56

Biological assay, Fungicides, Fungus diseases (plants), Monilinia fructicola, Pesticide residues.

18894-68

RACES OF ERYSIPIHE GRAMINIS DC. F. SP. HORDEI MARCHAL IN EUROPE. (GE.)
I Nover F Brueckner A Wiberg M S Wolfe
Z Pflanzenkrankh (pflanzenschutz) Pflanzenschutz 75(6):350-353 REF
Jun 1968 464.8 Z3

Erysiphe graminis, Taxonomy, English summary

18895-68

KINSEALY RESEARCHERS OVERCOME BLACK CURRANT LEAF SPOT HAZARD.
F O'Riordain
Horticultural Abs 38(3):687
Sep 1968 241 IM74

Currants, Fungus diseases (plants), Leaf spot (currants), Research.

18896-68

RELATIONSHIPS OF TANNINS, POLYPHENOLICS, AND REDUCING SUGARS TO VERTICILLIUM WILT RESISTANCE OF STRAWBERRY CULTIVARS.
K A Okasha K Ryugo R S Bringham

Phytopathology 58(8):1118-1122 REF
Aug 1968 464.8 P56

Fungus diseases (plants), Phenols, Strawberries, Sugars, Tannins, Verticillium albo-atrum.

18897-68

INHIBITION OF GROWTH OF VERTICILLIUM ALBO-ATRUM SPORELINGS BY TANNINS AND POLYPHENOLS FROM INFECTED CROWNS OF VERTICILLIUM-RESISTANT AND -SUSCEPTIBLE STRAWBERRY CULTIVARS.

K A Okasha K Ryugo S Wilhelm R S Bringham
Phytopathology 58(8):1114-1117 REF
Aug 1968 464.8 P56

Phenols, Plant disease resistance, Plant extracts, Plant physiology, Strawberries, Tannins, Verticillium albo-atrum.

18898-68

ON THE OCCURRENCE OF GLOEOSPORIUM ON APPLE LEAVES.
K Olsson
Horticultural Abs 38(3):685
Sep 1968 241 IM74

Apples, Fungus diseases (plants), Gloeosporium.

18899-68

TRIALS ON HOT-WATER TREATMENT AGAINST GLOEOSPORIUM ON APPLES ONCE AGAIN.
K Olsson

Horticultural Abs 38(3):685
Sep 1968 241 IM74

Apples, Fungus diseases (plants), Gloeosporium, Temperature, Water.

18900-68

SURVIVAL OF TOBACCO MOSAIC VIRUS IN SPACE.
G B Orlob P R Lorenz
Phytopathology 58(7):955-956
Jul 1968 464.8 P56

Infectious diseases, Mortality, Mosaic (tobacco), Solar radiation, Space biology, Tobacco, Viruses.

18901-68

RESEARCH ON A NEW ISOMETRIC VIRUS OF ATROPA BELLADONNA L. I. SYMPTOMOLOGY, PURIFICATION, MORPHOLOGY, PHYSICAL AND CHEMICAL CHARACTERISTICS. (GE.)

H L Paul O Bode M Jankulowa J Brandes
Phytopathol Z 61(4):342-361 REF
Apr 1968 464.8 P562

Atropa belladonna, Chenopodium quinoa, Culture media, Electron microscopy, Insect vectors, Morphology, Myzus persicae, Physiology, Research, Serological tests, Temperature, Virus diseases (plants), English summary

18902-68

HOST RANGE, CHARACTERISTICS, AND PURIFICATION OF PLUM LINE PATTERN VIRUS.
A Q Paulsen
Horticultural Abs 38(3):681
Sep 1968 241 IM74

Line pattern (plums), Plums, Properties, Virus diseases (plants).

- 18903-68**
VIRUS DISEASES ON POME AND STONE FRUIT TREES AND THE NECESSITY FOR THEIR CONTROL.
 A Pena Iglesias
Horticultural Abs 38(3):680
 Sep 1968 241 IM74
 Fruit, Plant protection, Trees, Virus diseases (plants).
- 18904-68**
RUST FUNGI ON ARAUCARIACEAE.
 R S Peterson
Mycopathol Mycol Appl 34(1):17-26 REF
 19 Jan 1968 450 M994
 Fungus diseases (plants), Plant taxonomy, Rust (Araucariaceae), Tree diseases, Uredinales.
- 18905-68**
LEPTOSPHAERULINA-CERCOSPORA COMPLEX ON PEANUTS IN TEXAS. (ABSTRACT).
 R E Pettit R A Taber A L Harrison
Phytopathology 58(8):1063
 Aug 1968 464.8 P56
 Cercospora, Fungus diseases (plants), Leptosphaerulina, Peanuts.
- 18906-68**
CHENOPODIUM QUINOA, A HERBACEOUS TEST PLANT FOR CHLOROTIC LEAF SPOT VIRUS IN APPLE.
 H J Pfaltzer
Horticultural Abs 38(3):680
 Sep 1968 241 IM74
 Chenopodium quinoa, Chlorotic leafspot (apples), Research, Virus diseases (plants).
- 18907-68**
CLUES TO FUMIGATION FOR OAK ROOT FUNGUS.
 G Post
Horticultural Abs 38(3):684
 Sep 1968 241 IM74
 Fungus diseases (plants), Quercus, Roots, Soil fumigation.
- 18908-68**
SUGAR BEET. LEAF SPOT, CEROSPORA BETICOLA.
 H S Potter T L Bates
Amer Phytopathol Soc (rep) 23:102
 1967 464.9 AM31R
 Aerial spraying, Cercospora beticola, Chemicals, Fungicides, Meteorology, Research, Sugar beets, Tables (data).
- 18909-68**
PEACH. BACTERIAL SPOT, XANTHOMONAS PRUNI.
 D Powell
Amer Phytopathol Soc (rep) 23:55-56
 1967 464.9 AM31R
 Chemical control (plant diseases), Peaches, Research, Spraying, Trees, Weather, Xanthomonas pruni.
- 18910-68**
DISTANCE OF NEEDLE INFECTION FROM STEM AFFECTS LIKELIHOOD OF GALL DEVELOPMENT ON SLASH PINE BY CRONARTIUM FUSIFORME.
 H R Powers
Phytopathology 58(8):1147-1149
 Aug 1968 464.8 P56
 Cronartium fusiforme, Fungus diseases (plants), Pinus elliotti, Plant galls.
- 18911-68**
GENETIC EFFECTS OF FERBAM ON ASPERGILLUS NIGER AND ALLIUM CEPA.
 I Prasad D Pramer
Phytopathology 58(8):1188-1189
 Aug 1968 464.8 P56
 Aspergillus niger, Ferbam, Fungus diseases (plants), Genetics, Onions.
- 18912-68**
INFECTIVITY, RIBONUCLEASE ACTIVITY, AND OTHER PHYSIOLOGICAL RELATIONSHIPS OF BARLEY STRIPE MOSAIC VIRUS-INFECTED BARLEY LEAVES. (ABSTRACT).
 D R Pring R G Timian
Phytopathology 58(8):1063
 Aug 1968 464.8 P56
 Barley, Enzymes, Plant physiology, Ribonuclease, Stripe mosaic (barley), Virus diseases (plants).
- 18913-68**
AGGREGATED FILAMENTS IN EXTRACTS FROM LUPINUS INFECTED WITH WATERMELON MOSAIC VIRUS.
 D E Purcifull J R Ednardson S R Christie
Virology 35(3):478-482
 Jul 1968 448.8 V81
 Cytology, Electron microscopy, Lupinus angustifolius, Morphology, Mosaic (watermelons), Muskmelons, Plant disease transmission, Plant extracts, Pumpkins, Research, Virus diseases (plants).
- 18914-68**
ANTIGENIC STUDY OF THE PROTEIN FROM A DEFECTIVE STRAIN OF TOBACCO MOSAIC VIRUS.
 I Rappaport M Zaitlin
Science 157(3785):207-208
 14 Jul 1967 470 SC12
 Antigens, Electrophoresis, Mosaic (tobacco), Proteins, Temperature, Tobacco, Virus diseases (plants).
 Abstract
- 18915-68**
PESTS AND DISEASES OF VEGETABLES AND THEIR CONTROL. SB951.0R42.
 D B Reddy
 75 P., NEW DELHI, MINISTRY OF FOOD AND AGRICULTURE
 1965
 Chemical control (plant diseases), Pesticides, Plant diseases, Research, Spraying equipment, Vegetables.
- 18916-68**
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