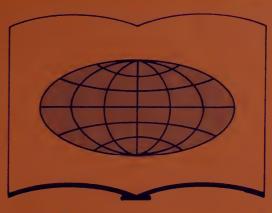


Pesticides Documentation Bulletin

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Volume 5 April 11, 1969 Number 8



U.S. DEPARTMENT OF AGRICULTURE

PESTICIDES DOCUMENTATION BULLETIN

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.

Other Files

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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).

PLEASE GIVE COMPLETE BIBLIOGRAPHIC INFORMATION AS IT APPEARS IN THIS PUBLICATION FOR EACH ITEM REQUESTED.

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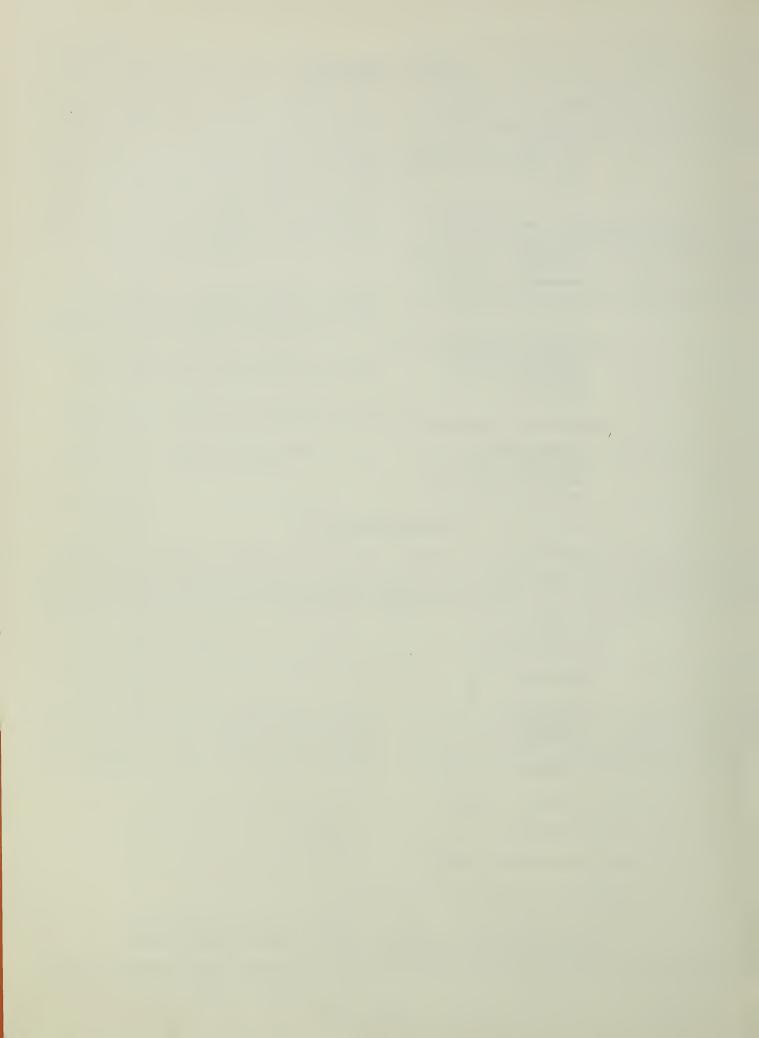
CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

TABLE OF CONTENTS

BIBLIOGRAPHY (Citations)	Page
10 ENTOMOLOGY Systematics Physiology and Biochemistry Genetics Medical Entomology	1 1 4 12
20 CROP PROTECTION	13
Diseases	14
Arthropods Nematodes	17 18
Weeds	18
Other Pests	19
30 LIVESTOCK PROTECTION	19
Diseases	19
Arthropods	22
Parasites	22
40 COMMODITY PROTECTION	22
Storage Diseases	22 22
Arthropods	22 *
Microbial Contamination	23
50 ENVIRONMENTAL CONTAMINATION	23
55 RESIDUES	23
60 TOXICOLOGY	24
65 PLANT PHYSIOLOGY & BIOCHEMISTRY	24
70 CHEMISTRY	25
80 ENGINEERING	26
90 INDUSTRY	26
Economics	26
Education	27
Regulations	27
SUBJECT INDEX	29
BIOGRAPHICAL INDEX	91
AUTHOR INDEX	99
ORGANIZATIONAL INDEX	103

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



ENTOMOLOGY

THE BOLL WEEVIL; HOW TO CONTROL IT. PART II.

Anonymous

Pest Contr Oper News 27(7):19-20 Jul 1967 SB951.A1P4

Anthonomus grandis, Chemical control (insects), Chemicals, Dusting, Insecticide application, Plant pest resistance, Spraying, Tables (data).

OBSERVATIONS ON THE PRESERVATION OF LEPIDOPTERA SPECIMENS. (FR

J Bourgogne

Alexanor 5(4):164-165 27 Dec 1967 421 AL2

Insect preservation, Lepidoptera. Article will be continued.

4350-69

APHIDIUS SMITHI SHARMA AND SUBBA RAO (HYMENOPTERA: APHIDIIDAE) A PARASITE OF THE PEA APHID NEW IN SOUTHERN ON-TARIO.

M J P Mackauer H E Bisdee

Entomol Soc Ontario Proc

1964 420 ON8

Acyrthosiphon pisum, Aphidius smithi, Insect behavior, Insect biology, Insect rearing, Parasitic insects.

4351-69

THE ENTOMOLOGICAL YEAR 1966. (FR)

P Rougeot

Alexanor 5(1):11-18 13 Apr 1967 421 AL2

Entomology, Insect collection, Reviews, Weather. Several entomologists report on their work during 1966.

4352-69

CHOICE OF RESTING SITE BY NOCTUIDAE (LEPIDOPTERA).

J Sharplin

Entomol Mon Mag (SER 4)99(277-9,JAN-MAR):53-62 REF

1963 421 EN86

Color, Environment, Insect behavior, Insect cages, Noctuidae, Research, Tables (data), Traps.

SYSTEMATICS

4353-69

ECTOPARASITIC MITES (ACARINA: PARASITIFORMES) FROM SMALL MAMMALS FROM THE TARNASJO AND AMMARNAS AREAS IN SWEDISH LAPLAND.

Entomol Tidskr 89(3-4):269-277 REF

31 Dec 1968 421 EN891

Gamasid mites, Insect geography, Insect taxonomy, Parasitic mites.

4354-69

OPSIUS STACTOGALUS FIER CICADELLIDAE) IN S. E. LONDON. FIEB. (HEM.,

Entomol Mon Mag (SER 4)99(277-9, JAN-MAR):3

1963 421 EN86

Insect behavior, Opsius stactogalus, Research.

BEES OF THE NEVADA TEST SITE.

D M Allred

Great Basin Natur 29(1):20-24

28 Mar 1969 410 G79

Apoidea, Insect ecology, Insect taxonomy, Surveys.

4356-69

LEPIDOPTERA OF THE NEVADA TEST SITE.

D M Allred

Great Basin Natur 29(1):42

28 Mar 1969 410 G79

Insect identification, Lepidoptera, Surveys.

4357-69

STUDY OF THE GENUS RHYTIDODUS FIEB. (HOMOPTERA, AUCHENORRHYNCHA) WITH DESCRIPTION OF TWO NEW SPECIES FROM THE SOVIET UNION.

G A Anufriev

Entomol Tidskr 89(3-4):177-187 REF

31 Dec 1968 421 EN891

Cicadellidae, Insect taxonomy, Zoogeography.

A RECORD OF MEGACHILE ROTUNDATA (F.) FROM ASHCROFT. BRITISH COLUMBIA.

J C Arrand J Corner

Entomol Soc Brit Columbia Proc 65:12

01 Aug 1968 420 B77

Alfalfa, Insect identification, Megachile rotundata, Pollination, Zoogeography.

A NEW CROMPUS FROM NEW CALEDONIA. (HEMIPTERAHETEROPTERA: LYGAEIDAE).

P D Ashlock

Pacific Insects 9(3):501-503

20 Aug 1967 421 P11

Catalogs, Insect taxonomy, Lygaeidae.

CHALICIDOIDEA (HYMENOPTERA) IN THE MANCHESTER MUSEUM. PART 5.

R R Askew

Entomologist (london) 100(1250):177-180

Jul 1967 421 EN8

Catalogs, Chalcidoidea, Insect taxonomy.

4361-69

LISTING OF TRIFID NOCTUIDAE OF FRANCE AND BELGIUM. (FR)

Ch Boudsin

Alexanor 5(4):185-192

27 Dec 1967 421 AL2

Insect taxonomy, Noctuidae, Zoogeography. Continuation and will be continued.

4362-69

VALLEY **CENTIPEDES** (CHILOPODA, SYMPHYLA) FROM NORTHERN KENTUCKY.

B A Branson D L Batch

Ky Acad Sci Trans 28(1-4):77-89 MAP 1967 500 K41

Insect taxonomy, Surveys, Symphyla, Zoogeog-

4363-69

TAXONOMIC NOTES ON THE LARVA OF BRITISH DIPTERA. NO. 25, THE LARVA AND PUPA OF DIOCTRIA RUFIPES (DEGEER) (ASILIDAE).

A Brindle

Entomologist (london) 101(1264):213-216

Sep 1968 421 EN8

Asilidae, Dioctria rufipes, Diptera, Larvae, Pupae, Taxonomy, Zoogeography.

4364-69

THE NORTHERN SPECIES OF COLEOPTERA GROUP BAGOUS (CURCULIONIDAE) TOGETHER WITH A TAXONOMIC KEY (PRINCIPALLY FOR THE SERVICE OF YOUNG ENTOMOLOGISTS). (SW)

N Bruce

Entomol Tidskr 89(3-4):229-241 REF

31 Dec 1968 421 EN891

Curculionidae, Insect geography, Insect taxonomy. German abstract.

FIRST RECORDS OF EYE-FREQUENTING MOTHS FROM CEYLON.

W Buttiker

Ceylon J Sci Biol Sci 7(1/2):91-95 MAP

Oct 1967 475 C33

Animals, Cattle, Draft buffaloes, Eyes, Geometridae, Insect pests, Moths, Pyralidae, Zoogeography.

4366-69

SIX NEW SPECIES OF MEMBRACIDAE (HEMIPTERA: HOMOPTERA) FROM SOUTH AFRICA.

A L Capener

Entomol Soc Southern Afr J 31(1):197-207

Mar 1968 420 EN86

Insect taxonomy, Membracidae.

A NEW GENUS AND SPECIES OF PSYLLIDAE (HOMOPTERA) FROM SOUTH AFRICA.

A L Capener

Entomol Soc Southern Afr J 31(2):361-364

Sep 1968 420 EN86

Insect taxonomy, Psyllidae.

THE GENUS GARGARA ANYOT SERVILLE (HOMOPTERA: MEMBRACIDAE) IN SOUTH AFRICA.

A L Capener

Entomol Soc Southern Afr J 31(1):181-183

Mar 1968 420 EN86

Insect taxonomy, Membracidae.

ON A COLLECTION OF TERMITES FROM DAMAN.

P N Chatterjee M L Thakur Indian Forest 94(7):560-570

Jul 1968 99.8 IN2

Climate, Insect collection, Insect taxonomy, Termites, Zoogeography.

THE COLLEMBOLA OF SOUTH AFRICA--2: THE GENUS SEIRA.

T J Coates

Entomol Soc Southern Afr J 31(2):435-462 MAP

Sep 1968 420 EN86

Catalogs, Collembola, Insect taxonomy.

THE COLLEMBOLA OF SOUTH AFRICA--I: THE GENUS NEANURA.

T J Coates

Entomol Soc Southern Afr J 31(1):185-195

Mar 1968 420 EN86 Collembola, Insect taxonomy.

4372-69

THE DISCOVERY IN FRANCE OF THE ACARINA NEMATALYCIDAE STRENZKE WHILE ORGANIZING THE MATERIAL FROM LANGUEDOC-ROUSILLON. (FR)

Y Coineau A Fize C Delamare-Deboutteville Acad Sci Compt Rend Ser D Sci Nat 265(9, 2ND SEMESTER):685-688

28 Aug 1967 505 P21

Acarina, Insect taxonomy, Zoogeography.

COLEOPTERA OF NORTHEAST AFRICA. BRENTIDAE. (FR)

R Damoiseau

Notulae Entomol 48(4):169-174 MAP

1968 421 N84

Brentidae, Catalogs, Zoogeography. English abstract

4374-69

COLEOPTERA OF NORTHEAST AFRICA. BOSTRYCHIDAE. (FR) R Damoiseau

Notulae Entornol 48(4):175-178 1968 421 N84

Bostrychidae, Insect geography.

BIOLOGY AND CONTROL OF NATIVE AND INTRODUCED FOREST INSECTS IN THE NEARCTIC ZONE.

M L Drebble

Entomol Soc Amer Bull 14(2):95-98

Jun 1968 423.9 EN8

ENTOMOLOGY

4376-69

BIBLIOGRAPHY

Chemical control (insects), Chlorinated hydrocarbons, DDT, Environment, Forest insects, Insect biology, Insect control, Insect outbreaks, Population statistics, Spraying.

ZANCLOGNATHA TENUIALIS REBEL IN FRANCE (IN ALSACE AND L'ISERE). (LEP. NOCTUIDAE, HYPENINAE). (FR)

Cl Dufay

Alexanor 5(4):161-163 27 Dec 1967 421 AL2

Agrostis, Hypeninae, Insect taxonomy, Noctuidae, Phalaris, Plant hosts, Zanclognatha tenuialis, Zoogeography. Contribution to the study of Noctuidae Quadrifides no.23 for no. 22 see Alexanor vol.5 p.133.

4377-69

PANTHEA COENOBITA ESP. IN THE FRENCH (LEPIDOPTERA NOCTUIDAE PANTHEINAE). (FR)

Cl. Dufay

Alexanor 5(3):133-135 REF 21 Sep 1967 421 AL2

Lepidoptera, Noctuidae, Zoogeography.

TWO DOLICHOPODIDAE (DIPTERA) FROM ST. HELENA ISLAND SOUTH ATLANTIC.

Entomologist (london) 100(1250):174-176 REF Jul 1967 421 EN8

Diptera, Dolichopodidae, Insect taxonomy.

4379-69

THE OCCURRENCE OF THE SOLITARY WASP PTEROCHILUS PHALERATUS PANZ. IN THE SCANDINAVIAN COUNTRIES (HYM. EU-MENIDAE).

S Erlandsson

Entomol Tidskr 89(3-4):173-176 MAP REF

31 Dec 1968 421 EN891

Eumenidae, Insect geography, Insect identification.

4380-69

COLEOPTERA FROM NORTHEAST AFRICA.
MORDELLIDAE. SUPPLEMENT:
PARACONALIA N. GEN. A NEW GENUS FROM
SOUTH AMERICA. 64. CONTRIBUTION TO
THE KNOWLEDGE OF THE MORDELLIDS. (GE)

K Ermisch

Notulae Entomol 48(4):221-240 MAP

1968 421 N84

Insect taxonomy, Mordellidae, Paraconalia, Zoogeography.

NEW SPECIES OF MEROMYZA MG. (DIP-TERA, CHLOROPIDAE) FROM TRANS-BAYKALIA.

L I Fedoseyeva

Entomol Rev 46(2, APR-JUN):257-258

Jun 1967 421 R322AE

Catalogs, Chloropidae, Diptera, Insect taxonomy.

NEW MALTHODES FROM WESTERN NORTH AMERICA (COLEOPTERA: CANTHARIDAE).

K M Fender

Northwest Sci 42(3):108-111

Aug 1968 470 N81

Cantharidae, Catalogs, Insect taxonomy, Zoogeography.

STUDIES OF BLACK FLIES OF PANAMA. III. TWO NEW SPECIES OF SIMULIUM OF THE SUBGENUS HEMICNETHA.

G Field

Entomol Soc Amer Ann 62(1):157-163

15 Jan 1969 420 EN82

Insect anatomy, Insect identification, Insect taxonomy, Simuliidae.

The two new species are compared with and distinguished from S. earlei, S. guerrerense, S. mexicanum, S. paynei, S. pulverulentum, S. smarti, S. yepocapense.

4384-69

NEARCTIC SPECIES OF THE GENUS SYNAL-DIS FOERSTER (HYMENOPTERA, BRACONIDAE, ALYSIINAE). (GE)

M Fischer

Pol Pismo Entomol 37(3):431-478

30 Oct 1967 421 P76

Braconidae, Insect identification, Insect taxonomy. Polish summary. 18 new species are discussed.

4385-69

CONTRIBUTION TO THE KNOWLEDGE OF THE HOSTS OF THE GENUS OPIUS (HYMENOPTERA, BRACONIDAE). (GE)

M Fischer

Entomophaga 7(2):79-90

1962 421 EN835

Braconidae, Diptera, Insect pests, Insect taxonomy, Opius, Parasitic insects, Plants, Zoogeography. English summary

SEVERAL DISCOVERIES OF TIPULIDAE AND LIMONIIDAE (DIPT.) FROM CORSICA. (GE)

S Gaunitz

Entomol Tidskr 89(3-4):278

31 Dec 1968 421 EN891

Limoniidae, Tipulidae.

4387-69

SPECIES OF ASTEROLECANIUM (HOMOPTERA: COCCOIDEA: ECANIIDAE) FROM SOUTH A NEW TARG. ASTEROLECANIIDAE) AFRICA.

J H Giliomee J Munting

Entomol Soc Southern Afr J 31(1):221-229

Mar 1968 420 EN86

Asterolecaniidae, Insect taxonomy,

4388-69

CHRYSOMELID BEETLES FROM PAPUAN SUBREGION, 5 (EUMOLPINAE, 3).

J.L. Gressitt

Pacific Insects 9(3):551-562

20 Aug 1967 421 P11

Catalogs, Chrysomelidae, Insect taxonomy.

LEPIDOPTERA OF SOUTHERN SPAIN.

W Hackman

Notulae Entomol 48(4):149-168 REF

1968 421 N84

Catalogs, Insect taxonomy, Lepidoptera, Zoogeography.

4390-69

NEW EUROPEAN ORTHOPTERA. (GE)

K Harz

Zool Beitr 13(2-3):471-477

1967 410 Z753

Insect reproduction, Insect taxonomy, Orthoptera.

NEW GENERA AND SPECIES OF CHALCID FLIES (HYM., CHALCIDOIDEA) AND A NEW SPECIES OF FOENATOPUS SMITH (HYM., ICHNEUMONIDAE, STEPHANIDAE) FROM HOGGAR.

K J Hedqvist

Schweiz Entomol Ges Mitt 39(3/4):180-190 REF 15 Apr 1967 420 SW6

Chalcedectes niger, Chalcedectoides saharensis, Foenatopus hoggarensis, Ichneumonidae, Insect taxonomy, Oodera hoggarensis, Stephanidae, Zoogeography. French summary.

4392-69

BURMESE ICHNEUMONINAE V. 32. GENUS NAENARIA CAMERON. (GE)

G H Heinrich

Entomol Tidskr 89(3-4):197-228

31 Dec 1968 421 EN891

Catalogs, Hymenoptera, Insect geography, Insect taxonomy.

A NEW SOMATINA OF THE (LEPIDOPTERA GEOMETRIDAE). (FR SOMATINA OF THE CONGO. C Herbulot

Lambillionea 66(5/6):42-43

25 Apr 1967 420 N15

Geometridae, Insect taxonomy, Somatina hombergi.

4394-69

A CONTRIBUTION TO THE KNOWLEDGE OF THE CERAMBYCIDAE AND THE OEDEMERIDAE OF IRAN. (GE)

L Heyrovsky

Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl (26):37-40

Nov 1967 464.9 P432

Cerambycidae, Insect taxonomy, Oedemeridae. Persian translation. list and short description of many species.

4395-69

A REVISION OF THE COSMOPTERIGIDAE OF AMERICAN NORTH OF MEXICO, WITH A DEFINITION OF THE MOMPHIDAE AND WALSHIIDAE (LEPIDOPTERA: GELECHIOIDEA).

R W Hodges

Entomol Amer (N s)42:1-166 REF

1962 420 B792

Gelechioidea, Insect taxonomy, Momphidae, Walshiidae, Zoogeography.

FURTHER NOTES ON THE GENUS PUL-VINARIA TARG. (HOMOPTERA: COCCOIDEA) FROM THE ETHIOPIAN REGION.

C J Hodgson

Entomol Soc Southern Afr J 31(1):141-174 REF Mar 1968 420 EN86

Coccoidea, Insect taxonomy.

RECORDS OF OHIO FLEAS (SIPHONAPTERA).

J G Humphreys

Ohio J Sci 67(3):186-190 REF May 1967 410 OH3

Entomology, Insect identification, Insect taxonomy, Siphonaptera, Zoogeography.

Species mentioned are: Chaetopsylla lotoris, Conorhinopsylla stanfordi, Doratopsylla blarinae, Epitedia wenmanni testor, Stenoponia americana, Peromyscopsylla scotti, and Oropsylla arctomys.

ALEOCHARA STICHAI LIKOVSKY (COL., STAPHYLINIDAE) NEW TO BRITAIN.

C Johnson

Entomologist (london) 100(1246):64-65

Mar 1967 421 EN8

Insect taxonomy, Staphylinidae.

HYPOCYPHTUS NITIDUS PALM (COL., STAPHYLINIDAE) IN OXFOROSHIRE: AN ADDITION TO THE BRITISH LIST.

C Johnson

Entomologist (london) 100(1251):193-195

Aug 1967 421 EN8

Catalogs, Insect taxonomy, Staphylinidae. This article is the personal consideration of the author.

NEW SPECIES OF MEUBELIA WILLEMSE, 1932, FROM THE PHILIPPINES (ORTHOP-TERA: PYRGOMORPHIDAE).

D K McE Kevan

Pacific Insects 9(3):437-446 MAP 20 Aug 1967 421 P11

4401-69 A NEW GENUS AND SPECIES OF SCIO-MYZIDAE FROM TANZANIA, WITH A KEY TO THE GENERA OF THE ETHIOPIAN RE-GION AND DISTRIBUTIONAL NOTES (DIP-TERA: FACALYPTRATAE).

L V Knutson

Entomol Soc Southern Afr J 31(1):175-180

Acrididae, Insect taxonomy, Zoogeography.

Mar 1968 420 EN86

Insect taxonomy, Sciomyzidae, Zoogeography.

A STUDY OF NEUQUENAPHIS BLANCHARD, 1939, WITH DESCRIPTIONS OF NEW SPECIES (APHIDIDAE, HOMOPTERA).

D H R Lambers

Tijdschr Entornol 111(7):257-286

27 Dec 1968 421 T21

Aphididae, Insect biology, Insect taxonomy.

TABANIDAE (DIPTERA) OF THE NETHER-LANDS. (FR)

M Leclercq

Leiden Rijksmuss Natuur Hist Zool Bijdragen (9):34P MAP REF

1967 410.9 L59ZO

Diptera, Insect identification, Insect taxonomy, Tabanidae, Zoogeography.

4404-69

CHROMOSOME STUDIES AND SYSTEMATICS OF GRYLLINAE (INSECTA ORTHOPTERA). (FR)

Y Leroy

Acad Sci Compt Rend Ser D Sci Nat 264(19, 1ST SEMESTER):2307-2310

08 May 1967 505 P21

Chromosomes, Gryllinae, Insect genetics, Insect taxonomy.

A NOTE ON THE FAMILY EUPTYCHIA (S. L.) (LEP. SATYRIDAE). (FR

H de Lesse

Lambillionea 66(5/6):34-39

25 Apr 1967 420 N15

Euptychia, Euptychia arius, Insect taxonomy, Satyridae.

FOUR NEW SAWFLIES FROM SWEDEN (HYMENOPTERA, SYMPHYTA). (GE

E Lindqvist

Entomol Tidskr 89(3-4):192-196

31 Dec 1968 421 EN891

Insect taxonomy, Symphyta.

DISTRIBUTION AND DISTRIBUTIONAL CEN-TERS OF NORTH ATLANTIC INSECTS.

C H Lindroth

Entomol Soc Amer Bull 14(2):91-95 MAP

Jun 1968 423.9 EN8

Agonum muelleri, Anarta lapponica, Insect dissemination, Insect ecology, Insects, Micralymma marinum, Plusia parilis.

4408-69

SYSTEMATICS OF THE CRYP-TOCEPHALINAE (COLEOPTERA, CHRYSOMELIDAE) FROM SOVIET CENTRAL ASIA AND KAZAKHSTAN.

I K Lopatin

Entomol Rev 46(1, JAN-MAR):126-131

Mar 1967 421 R322AE

Chrysomelidae, Insect taxonomy, Zoogeography.

ON THE GENUS DIALINEURA RONDANI, 1856 (DIPTERA, THEREVIDAE).

L Lyneborg

Entomol Tidskr 89(3-4):147-172 REF

31 Dec 1968 421 EN891

Catalogs, Insect geography, Insect taxonomy, Therevidae.

CONTRIBUTION TO THE SYSTEMATICS AND ZOOGEOGRAPHY OF HALTICINAE (COL.) IN THE CANARY ISLANDS. (GE)

J Madar J Madar

Acta Ent Bohemoslov 65(2):138-151 MAP REF 1968 420 C33

Halticinae, Insect anatomy, Insect ecology, Insect identification, Reproductive organs, Zoogeography. English and Czech summaries, eight other species of the heyrovskya are described.

4411-69

A REVIEW OF DARKLING BEETLES OF THE TRIBE **LEPTODINI** (COLEOPTERA. TENEBRIONIDAE).

G S Medvedev

Entomol Rev 46(2,APR-JUN):211-214 MAP

Jun 1967 421 R322AE

Catalogs, Insect taxonomy, Tenebrionidae, Zoogeography.

4412-69

ICHNEUMONIDAE (HYMENOPTERA) COLLECTED IN PADDY FIELDS OF THE ORIENT, WITH DESCRIPTIONS OF NEW SPECIES. PART 2. SUBFAMILIES PORIZONTINAE, METOPIINAE AND DIPLAZONTINAE.

S Momoi K Kusigemati A Nakanishi

Mushi 41(16):201-214

28 Mar 1968 421 M97

Catalogs, Ichneumonidae, Insect taxonomy, Rice, Surveys, Zoogeography.

LEPIDOPTERA COLLECTED IN A LIGHT TRAP DURING THE WINTER 1962/63 IN AS-SIUT, EGYPT.

J Moucha J Zahradnik

Acta Ent Bohemoslov 65(2):152-158 REF

1968 420 C33

Arctiidae, Insect collecting equipment, Insect identification, Insect taxonomy, Lepidoptera, Light traps, Lycaenidae, Noctuidae, Pyralidae, Sphingidae. Czech summary. many species of the above genera are listed.

NEW SYNONYMY IN THE SOUTH AFRICAN **GENUS** SYNAPTOTHRIPS TRYBOM (THYSANOPTERA) WITH A KEY TO THE SPE-CIES.

L A Mound

Entomol Soc Southern Afr J 31(1):87-95 REF Mar 1968 420 EN86

Catalogs, Insect taxonomy, Thripidae.

4415-69

NEW AND LITTLE KNOWN ARMOURED SCALES (HOMOPTERAI DIASPIDIDAE) FROM SOUTH AFRICA. 4.

J Munting

Entomol Soc Southern Afr J 31(2):417-433

Sep 1968 420 EN86

Catalogs, Diaspididae, Insect evolution, Insect tax-

4416-69

NEW PALEARCTIC SPECIES OF THE GENUS CYPHON PAYK. IV. STUDIES ON THE HELODIDAE FAMILY. IX. (GE)

T Nyholm

Entomol Tidskr 89(3-4):250-254

31 Dec 1968 421 EN891

Cyphon, Helodidae, Insect taxonomy, Zoogeog-

4417-69

RECORDS AND DESCRIPTIONS OF PALEARC-TIC AND SOUTH ASIATIC LASPEYRESIINI (LEPIDOPTERA: TORTRICIDAE).

N S Obraztsov

N Y Entomol Soc J 76(4):224-239 REF

Dec 1968 420 N48J

Catalogs, Insect taxonomy, Tortricidae.

4418-69

A REVISION OF THE SUBGENUS HIRTODROSOPHILA OF THE OLD WORLD, WITH DESCRIPTIONS OF SOME NEW SPECIES AND SUBSPECIES (DIPTERA, DROSOPHILIDAE, DROSOPHILA).

T Okada

Mnshi 41(1):1-36 REF

10 Aug 1967 421 M97

Catalogs, Drosophila, Insect taxonomy, Surveys, Zoogeography.

4419-69

A NEW SCHISTOGLOSSA SPECIE FROM SWEDEN (COL. STAPHYLINIDAE, ALEOCHARINAE). (GE)

T Palm

Entomol Tidskr 89(3-4):248-249

31 Dec 1968 421 EN891

Insect taxonomy, Staphylinidae.

4420-69

APHIDS FROM THE **SUBTRIBE SCHIZOLACHNINA** (APHIDOIDEA, LACHNINAE) IN MIDDLE EUROPE.

A Pintera

Acta Ent Bohemoslov 65(2):100-111 REF

1968 420 C33

Aphididae, Insect anatomy, Insect identification, Insect taxonomy, Zoogeography. Czech summary.

4421-69

CONCERNING THE TAXONOMIC CLARIFI-CATION OF NARRAGA TESSULARIA ILIA WHLI AND SOME REMARKS ABOUT THIS GENUS. (LEPIDOPTERA, GEOMETRIDAE). (GE)

D Povolny J Moucha

Acta Ent Bohemoslov 59(2):152-155

20 Apr 1962 420 C33

Geometridae, Insect taxonomy, Zoogeography. Czech summary.

4422-69

A NEW SUBGENUS AND NEW SPECIES OF FRANCISCOLOA CONCI (MALLOPHAGA: MENOPONIDAE).

R D Price

Pacific Insects 9(3):511-517

20 Aug 1967 421 P11 Insect taxonomy, Menoponidae.

4423-69

STENUS AND MEGALOPINUS MOTSCHULSKY GENERA AND REMARKS ON THE SUBGENUS TESNUS REY, WITH A TABLE OF THE PALEARCTIC REPRESENTATIVES (COLEOPTERA, STAPHYLINIDAE). (54. CONTRIBUTION TO THE KNOWLEDGE OF THE STENUS GENUS). (GE)

V Puthz

Notulae Entomol 48(4):197-219 REF

1968 421 N84

Catalogs, Insect geography, Insect taxonomy, Staphylinidae.

4424-69

THE FIRST DISCOVERY OF FREE-LIVING LARVAE OF THE EAR TICK, OTOBIUS MEGNINI (DUGES), IN BRITISH COLUMBIA.

G B Rich J D Gregson Entomol Soc Brit Columbia Proc 65:22-23

01 Aug 1968 420 B77 Dermacentor albipictus, Dermacentor andersoni, Insect adaptation, Insect identification, Larvae, Otobius megnini, Parasitic insects, Zoogeography.

WOOD-AND-BARK-FEEDING COLEOPTERA OF FELLED SPRUCE IN INTERIOR BRITISH COLUMBIA.

D A Ross

Entomol Soc Brit Columbia Proc 65:10-12

01 Aug 1968 420 B77

Coleoptera, Dendroctonus obesus, Emergence, Forest insects, Insect rearing, Monochamus oregonensis, Picea engelmanni, Picea glauca, Serropalpus substriatus, Wood-destroying insects. The author lists wood- and bark-feeding coleoptera.

4426-69

REDEFINED CONCEPT OF THE GENUS SYNAPTOTHRIPS WITH REDESCRIPTIONS OF TWO SPECIES (THYSANOPTERA: THRIPIDAE).

K Sakimura

Entomol Soc Southern Afr J 31(1):75-81

Mar 1968 420 EN86

Insect taxonomy, Thripidae.

4427-69

CHELACHELES MICHALSKII N. SP. (ACARI, CHEYLETIDAE). (GE)

K Samsinak

Acta Ent Bohemoslov 59(2):183-185

20 Apr 1962 420 C33

Acari, Cheyletidae, Insect identification, Insect taxonomy. Czech summary, several other species of Cheyletidae are mentioned.

4428-69

ALTICINAE OF NEW GUINEA, III. SCHENKLINGIA AND ALLIES (COLEOPTERA: CHRYSOMELIDAE).

G A Samuelson

Pacific Insects 11(1):33-47

1969 421 P11

Catalogs, Chrysomelidae, Insect geography, Insect taxonomy.

ICONOGRAPHY OF THE EGGS OF THE LEPIDOPTERA FAUNA OF BELGIUM. (FR)

L. G. Sarlet

Lambillionea 67(1/2):7-9

25 Feb 1968 420 N15

Entomology, Illustrations, Insect eggs, Insect identification. Insect taxonomy, Lepidoptera. identification, Insect taxonomy, Lepidoptera. Description of eggs from French, German, English, and Italian sources.

4430-69

A NEW SPECIES OF ECNOMUS MCLACHLAN (TRICHOPTERA: PSYCHOMYIDAE) FROM SOUTH AFRICA.

K M F Scott

Entomol Soc Southern Afr J 31(2):411-415 Sep 1968 420 EN86

Insect taxonomy, Trichoptera.

ON NOCTURNAL DARKLING BEETLES OF THE GENUS MELANESTHES LAC. (SCOLEOPTERA, TENEBRIONIDAE) FROM CENTRAL KAZAKHSTAN.

N G Skopin

Entomol Rev 46(1,JAN-MAR):123-125

Mar 1967 421 R322AE

Catalogs, Insect taxonomy, Tenebrionidae, Zoogeography.

ABUNDANCE AND MICRODISTRIBUTION OF LARVAL CHIRONOMIDAE IN STABILIZATION LAGOONS.

B T Sturgess R L Goulding Entomol Soc Amer Ann 62(1):97-102 REF

15 Jan 1969 420 EN82

Chironomidae, Insect ecology, Insect physiology, Insect populations, Larvae, Sewage treatment, Soil moisture, Statistical analysis, Zoogeography.

4433-69

ANNOTATED LIST OF FOREST INSECTS OF BRITISH COLUMBIA. XIV. ENNOMINAE (GEOMETRIDAE).

B A Sugden

Entomol Soc Brit Columbia Proc 65:24-33

01 Aug 1968 420 B77

Forest insects, Geometridae, Insect identification, Insect physiology, Insect taxonomy, Larvae. 57 species of forest geometrids are discribed.

A NEW WESMAELIUS FROM CENTRAL ASIA (NEUROPTERA, HEMEROBIIDAE).

B Tjeder

Entomol Tidskr 89(3-4):137-140

31 Dec 1968 421 EN891

Hemerobiidae, Insect ecology, Insect geography, Insect taxonomy, Wesmaelius.

4435-69

REVISION OF THE NOMINATE SUBGENUS SCELIPHRON LATREILLE (HYMENOPTERA, SPHECIDAE) (STUDIES ON THE SCELIPHRONINI, PART I).

J van der Vecht F M A van Breugel Tijdschr Entomol 111(6):185-255 MAP REF 27 Dec 1968 421 T21

Catalogs, Insect geography, Insect taxonomy, Sphecidae.

4436-69

ON ORTHOTYLUS FIEB. AND PACHYLOPS FIEB. (HETEROPTERA, MIRIDAE). (GE)

E Wagner

Notulae Entomol 48(4):187-196

1968 421 N84

Insect geography, Insect taxonomy, Miridae.

4437-69

THE GENUS HETEROTOMA LEPELETIER AND SERVILLE, 1825 (SYNONYM ACRODERRHIS BERGROTH, 1914) (HETEROPTERA, MIRIDAE). (GE)

E Wagner

Notulae Entomol 48(4):179-186

1968 421 N84

Insect geography, Insect taxonomy, Miridae.

TAXONOMY OF THE GENUS PALUDA DE LONG 1937 (HOMOPTERA EUSCELIDAE). (GE

W Wagner

Zool Beitr 13(2-3):479-499 REF

1967 410 Z753

Catalogs, Cicadellidae, Insect geography, Insect taxonomy.

ENUMERATION OF THE MICROLEPIDOP-TERA ENCOUNTERED IN THE REGION OF WARSAGE. (FR)

J M Warlet

Lambillionea 66(3/4):18-23

20 Apr 1967 420 N15

Insect taxonomy, Lepidoptera.

IDENTIFICATION OF THE BRACONID PARASITES OF RICE BORERS (HYMENOPTERA: BRACONIDAE).

C Watanabe

Mushi 41(14):185-188

28 Mar 1968 421 M97

Braconidae, Catalogs, Chilo suppressalis, Insect taxonomy, Parasitic insects, Rice, Zoogeography.

FIRST OCCURRENCE OF BALSAM WOOLLY APHID IN THE INTERIOR OF BRITISH COLUMBIA.

R O Wood

Entomol Soc Brit Columbia Proc 65:13-14

01 Aug 1968 420 B77

Abies alba, Abies concolor, Abies lasiocarpa, Adelges piceae, Carbaryl, Chermes piceae, Endosulfan, Forest insects, Insect control, Spraying, Surveys, Tetradifon, Zoogeography.

THE IDENTITY OF THE MONDSYNAMMA SCOTT 1864 BRITISH (HEM., MIRIDAE).

G E Woodroffe

Entomologist (london) 100(1252):217-222

Sep 1967 421 EN8

Catalogs, Insect taxonomy, Miridae.

STUDIES ON THE JAPANESE GALL MIDGES II, TWO NEW AND A KNOWN SPECIES OF THE GENUS CAMPTOMYIA FROM KYUSHU (DIPTERA: CECIDOMYIIDAE).

J Yukawa

Mushi 41(11):143-148 REF

30 Jan 1968 421 M97

Catalogs, Cecidomyiidae, Insect taxonomy, Zoogeography.

NEW SPECIES OF HYPERA (COLEOPTERA, CURCULIONIDAE) FROM THE CRIMEAN MOUNTAINS.

V A Zaslavskiy

Entomol Rev 46(1,JAN-MAR):138-141

Mar 1967 421 R322AE

Catalogs, Hypera, Insect taxonomy, Zoogeography.

NEW SPECIES OF THE GENUS TRACHINA MG. (DIPTERA, TACHNIDAE), PARASITES OF INJURIOUS LEPIDOPTERA IN THE USSR.

L S Zimin

Entomol Rev 46(2,APR-JUN):274-280

Jun 1967 421 R322AE

Catalogs, Insect taxonomy, Parasitic insects, Tachinidae, Zoogeography.

4446-69

NEW RECORDS OF SOUTH AFRICAN THYSANOPTERA WITH DESCRIPTION OF A NEW PHLAEOTHRIPID GENUS.

R Zur Strassen

Entomol Soc Southern Afr J 31(2):365-372 REF Sep 1968 420 EN86

Insect taxonomy, Phlaeothripidae, Thripidae, Thysanoptera.

PHYSIOLOGY AND BIOCHEMISTRY

AMINO ACID REQUIREMENTS OF THE COTTON STAINER, DYSDERCUS FASCIATUS SIGNORET (PYRRHOCORIDAE, HEMIPTERA). M A Alikhan

Pakistan J Sci 19(516, SEP-NOV): 227-232 REF 1967 475 P172

Amino acids, Dysdercus fasciatus, biochemistry, Insect diets, Insect nutrition.

COENOSIA LINEATIPES ZETT. (DIPT., MUSCIDAE) PREYING ON TYPHLOCYBA CRUENTA H. S. (HEM., CICADELLIDAE).

Entomol Mon Mag (SER.4)99(287-8):212 Nov 1963 421 EN86

Cicadellidae, Coenosia lineatipes, Environment, Insect behavior, Muscidae, Predaceous insects, Typhlocyba cruenta.

4449-69

PREDATORY BEHAVIOUR OF A DOLICHOPODID AND AN EPHYDRID (DIPT.).

A A Allen

Entomol Mon Mag (SER 4)99(277-9,JAN-MAR):8

1963 421 EN86 Dolichopodidae, Ephydridae, Feeding, Insect behavior, Morphology, Predaceous insects,

Research.

ARE WOODPECKERS THE ANSWER TO PINE BARK BEETLE ATTACKS.

Anonymous

Forest Farmer 28(1):16,26

Oct 1968 99.8 F7692

Biological control (insects), Insect control, Insect outbreaks, Population, Predatory birds, Scolytidae, Woodpeckers.

NUTRITION OF THE SILKWORM, BOMBYX MORI. XVI. QUANTITATIVE REQUIREMENTS FOR ESSENTIAL AMINO ACIDS. (JA)

N Arai T Ito

Bull Sericult Exp Sta 21(2):373-384 REF Apr 1967 425.9 J273B

Amino acids, Bombyx mori, Dosage, Growth factors, Insect diets, Insect nutrition, Insect physiology, Larvae, Proline, Synthetic diets. English summary.

ULTRASTRUCTURAL PECULIARITIES OF THE MYOFIBRILS IN THE FLIGHT MUSCLES OF LEPIDOPTERA. (FR)

Acad Sci Compt Rend Ser D Sci Nat 264(4, 1ST SEMESTER):621-624 23 Jan 1967 505 P21

Electron microscopy, Insect flight, Insect morphology, Lepidoptera, Myofibrils, Ultrastruc-

4453-69

REMARKS ON THE STRUCTURE OF INSECT FLIGHT MUSCLE FIBRILS AT THE STRIATION LEVEL. (FR)

I Auber

Acad Sci Compt Rend Ser D Sci Nat 264(25, 1ST SEMESTER):2916-2918 REF

19 Jun 1967 505 P21

Electron microscopy, Insect flight, Insect histology, Muscles.

A COMPARATIVE STUDY ON THE EFFECTS OF AERIAL VERSUS GROUND SPRAYING OF POISONED BAITS AGAINST THE MEDITER-RANEAN FRUIT FLY ON THE NATURAL ENE-MIES OF SCALE INSECTS IN CITRUS GROVES.

Z Avidov D Rosen U Gerson Entomophaga 8(3):205-212

1963 421 EN835

Aerial spraying, Baits, Beneficial insects, Ceratitis capitata, Ceroplastes floridensis, Citrus, Coccoidea, Insecticides, Malathion, Poisoning, Protein hydrolysates, Spraying. English summary.

EVIDENCE FOR IMPORTANT INTERCELLU-LAR SPACES IN THE HYPODERMIS AND PARACRYSTALLINE FORMATIONS IN THE EXUVIAL LIQUID OF THE LARVAE OF GAL-LERIA MELLONELLA L. (LEPIDOPTERA PYRALIDAE) DURING THE FORMATION OF THE CUTICLE. (FR)

R Barbier

Acad Sci Compt Rend Ser D Sci Nat 264(19, 1ST SEMESTER):2337-2340

08 May 1967 505 P21

Cuticle, Electron microscopy, Galleria mellonella, Insect cytology, Insect histology, Larvae.

ASPECTS OF VIRUS MULTIPLICATION AND AVERAGE REDUPLICATION TIME FOR A GRANULOSIS VIRUS OF ZEIRAPHERA DINI-ANA (GUENEE).

Entomophaga Mein Hors Ser (2):417-421 1964 421 EN835M

Dosage, Granuloses, Insect diseases, Larvae, Mortality, Virology, Zeiraphera diniana. French summary.

4457-69

MITOTIC ACTIVITY OF THE FIRST EMB-RYONIC STAGES IN THE POTATO BEETLE LEPTINOTARSA DECEMLINEATA SAY (COLEOPTERA, CHRYSOMELIDAE). (FR)

J Bergerard C Maisonhaute

Acad Sci Compt Rend Ser D Sci Nat 264(17, 1ST SEMESTER):2134-2137

24 Apr 1967 505 P21

Insect cytology, Insect embryos, Leptinotarsa decemlineata, Mitosis.

4458-69

THE USE OF VIRUSES IN BIOLOGICAL CON-TROL.

F T Bird

Entomophaga Mem Hors Ser (2):465-473 REF 1964 421 EN835M

Biological control (insects), Insect diseases, Insect pests, Neodiprion sertifer, Polyhedroses. French summary.

4459-69

THE EGG-LAYING CYCLE IN THE MACHILOIDEA (INSECTA THYSANURA). (FR $\mbox{\scriptsize)}$ J Bitsch

Acad Sci Compt Rend Ser D Sci Nat 264(2, 1ST SEMESTER):383-385

09 Jan 1967 505 P21

Insect biology, Life cycle, Machilidae, Oviposition.

4460-69

BENZALDEHYDE: DEFENSIVE SECRETION OF A HARVESTER ANT.

M S Blum F Padovani A Curley R E Hawk Compar Biochem Physiol 29(1):461-465 REF Apr 1969 444.8 C73

Benzaldehyde, Glands (insects), Insect biochemistry, Insect protective devices, Veromessor.

THE ACTION OF DARK PHASES OF VARYING DURATIONS IN THE CIRCADIAN, ULTRA-AND INFRA-CIRCADIAN RHYTHMS ON THE PRODUCTION OF WINGED GYNOPHORES OF DYSAPHIS PLANTAGINEA PASS. (HOMOPTERA, APHIDIDAE). (FR)

L Bonnemaison

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2661-2663 05 Jun 1967 505 P21

Darkness, Diurnal rhythm, Dysaphis plantaginea, Insect physiology.

4462-69

THE IDENTITY OF SITOPHILUS ORYZAE.

H B Boudreaux

Entomol Soc Amer Ann 62(1):169-172 15 Jan 1969 420 EN82

Curculionidae, Insect anatomy, Insect identification, Photography, Sitophilus oryzae, Sitophilus

4463-69

ON PARTHENOGENIC REPRODUCTION IN ARAMMICHNUS CRIBRICOLLIS GYLL (IN-SECTA COLEOPTERA CURCULIONIDAE). (FR

A Bournier C Buchelos

Acad Sci Compt Rend Ser D Sci Nat 264(3, 1ST SEMESTER):470-473 16 Jan 1967 505 P21

Curculionidae, Insect reproduction, Parthenogene-

4464-69

CONCERNING THE EXTRAOCULAR LIGHT SENSITIVITY OF THE DICTYOPTERA: EVIDENCE OF PHOTORECEPTORS AS-WITH THE TEGUMENTARY SOCIATED NERVES. (FR)

P Brousse-Gaury

Acad Sci Compt Rend Ser D Sci Nat 264(21, 1ST SEMESTER):2481-2482 REF

22 May 1967 505 P21

Cuticle, Insect histology, Insect physiology, Nerves, Orthoptera, Phototropism.

44 55-69

CIRCADIAN CLOCK ACTION SPECTRUM IN A PHOTOPERIODIC MOTH.

V G Bruce D H Minis

Science 163(3867):583-585 REF

07 Feb 1969 470 SCI2

Biological clocks, Diapause, Diurnal rhythm, Hatching, Insect eggs, Insect physiology, Pectinophora gossypiella, Photoperiodism.

THE INTRODUCTION, RELEASE, AND RECOVERY OF PARASITES OF THE ALFALFA WEEVIL IN EASTERN UNITED STATES.

M H Brunson L W Coles

USDA Prod Res Rep (101):11P

Oct 1968 A281.9 AG8

Biological control (insects), Experimental insects, Hypera postica, Insect pests, Parasitic insects, Zoogeography.

4467-69

BIOLOGY, ECOLOGY AND DISTRIBUTION OF AMARA PSEUDOCOMMUNIS BURAK. (COLEOPTERA, CARABIDAE).

B Burakowski

Pol Akad Nauk Inst Zool Ann Zool 24(9):41P MAP REF

20 Jun 1967 4.0.9 W26

Carabidae, Insect anatomy, Insect biology, Insect ecology, Insect eggs, Insect morphology, Insect physiology, Larvae, Zoogeography. Polish and Russian summaries.

4468-69

TERATOLOGICAL EFFECTS ON THE NYMPHS AND ADULTS OF INSECTS, THE LARVAE OF WHICH HAVE INGESTED SUBLETHAL DOSES OF THE THERMOSTA-BLE TOXIN OF BACILLUS THURINGIENSIS BERLINER. (FR

A Burgerjon G Biache

Acad Sci Compt Rend Ser D Sci Nat 264(20, 1ST SEMESTER):2423-2425 17 May 1967 505 P21

Bacillus thuringiensis, Insect abnormalities, Insect physiology, Metamorphosis, Pieris brassicae, Tox-

HISTOCHEMICAL DATA ON THE NEU-ROSECRETORY ALLATA TERMINATIONS IN ANTHERAEA PERNYI GUER. (LEPIDOPTERA, ATTACIDAE) AND IN RHODNIUS PROLIXUS STAL. (HEMÍPTERA, REDUVIDAE). (FR)

Acad Sci Compt Rend Ser D Sci Nat 265(10, 2ND SEMESTER):754-757 REF

04 Sep 1967 505 P21

Antheraea pernyi, Corpora allata, Histochemistry, Insect histology, Insect morphology, Rhodnius prolixus.

COMPARATIVE EFFECTS OF ALLATECTO-MY ON THE ACTIVITY OF THE MALE AC-CESSORY GLANDS AND ON THE SEXUAL BEHAVIOR OF TWO ACRIDIOS: SCHISTOCERCA GREGARIA AND LOCUSTA MIGRATORIA (SUB-SPECIES MIGRA-TORIOIDES AND RAZALINSK). (FR

A M Cantacuzene

Acad Sci Compt Rend Ser D Sci Nat 265(3, 2ND SEMESTER):224-227 REF

17 Jul 1967 505 P21

Corpora allata, Locusta migratoria, Mating, Reproductive organs, Schistocerca gregaria.

THE INFLUENCE OF WEIGHT OF NEWLY-HATCHED LARVAE ON THE DETERMINA-TION OF THE PHASE CHARACTERISTICS OF THE MIGRATORY LOCUST, LOCUSTA MIGRATORIA MIGRATORIOIDES (R. AND F.), GREGARIOUS PHASE. (FR)

P Cassier Acad Sci Compt Rend Ser D Sci Nat 264(11, 1ST SEMESTER):1501-1503

13 Mar 1967 505 P21

Insect physiology, Larvae, Locusta migratoria migratorioides, Metamorphosis.

4472-69

THE CUMULATIVE EFFECTS OF LONG PHOTOPERIODS AND THE DETERMINATION OF THE PHASE CHARACTERISTICS OF THE MIGRATORY GRASSHOPPER, LOCUSTA MIGRATORIA MIGRATORIOIDES (R. AND F.), GREGARIOUS PHASE. (FR)

P Cassier

Acad Sci Compt Rend Ser D Sci Nat 264(16, 1ST SEMESTER):2045-2048 REF 17 Apr 1967 505 P21

Insect morphology, Insect physiology, Light, Locusta migratoria, Photoperiodism.

THE INFLUENCE OF THE CORPORA CARDIACA ON THE DURATION OF THE FOURTH AND FIFTH INSTARS OF LOCUSTA MIGRA-TORIA L.. (FR

M Cazal

Acad Sci Compt Rend Ser D Sci Nat 264(5, 1ST SEMESTER):738-740
30 Jan 1967 505 P21

Corpora cardiaca, Development, Insect physiology, Larvae, Locusta migratoria, Metamorphosis, Neuroendocrines.

ENTOMOLOGY

4474-69

4474-69

CARDIAC ACTIVITY OF LOCUSTA MIGRATORIA IN VITRO AND THE INFLUENCE OF THE CORPORA CARDIACA. PERFECTION OF AN EXPERIMENTAL METHOD AND PRELIMINARY RESULTS. (FR)

M Cazal

Acad Sci Compt Rend Ser D Sci Nat 264(6, 1ST SEMESTER):842-845 REF

06 Feb 1967 505 P21

Corpora cardiaca, Dorsal vessel, Experimental design, Hormones, Insect physiology, Locusta migratoria.

4475-69

RESEARCH ON THE ODORIFEROUS CON-STITUENTS OF THE TERPENIC FUMES OF VARIOUS SUBSTANCES AND THEIR ACTION ON IPS SEXDENTATUS BOERNER (COLEOP-TERA, SCOLYTIDAE). (FR)

C Chararas A Berton

Acad Sci Compt Rend Ser D Sci Nat 264(11, 1ST SEMESTER):1471-1474

13 Mar 1967 505 P21

Biochemistry, Insect behavior, Ips sexdentatus, Terpenes.

4476-69

THE ADAPTABILITY OF BLASTOPHAGUS PINIPERDA L. (COL. SCOLYTIDAE) TO VARIOUS PINUS AND THE PREFERENCES OF THIS INSECT IN REGARD TO THESE FOREST SPE-CIES. (FR)

C Chararas

Acad Sci Compt Rend Ser D Sci Nat 266(3, 1ST SEMESTER):238-241

15 Jan 1968 505 P21

Blastophagus piniperda, Food habits, Insect adaptation, Insect behavior, Pinus.

BIONOMICS OF TUR PLUME MOTH (MARASMARCHA LIOPHANES, MEYRICK) ON PIGEON PEA (CAJANNS CAJAN, MILISP).

M S Chari H K Patel

Andhra Agr J 14(5):158-164

1967 34.2 AN4

Insect behavior, Lepidoptera, Pigeonpeas.

4478-69

COMPOSITION OF THE GUT CONTENTS OF THIRD-INSTAR TSETSE LARVAE (GLOSSINA MORSITANS WESTWOOD).

S H W Cmelik E Bursell E Slack

Compar Biochem Physiol 29(1):447-453 REF Apr 1969 444.8 C73

Cholesterol, Gastrointestinal system, Glossina morsitans, Glycerides, Insect biochemistry, Larvae, Lipids, Phospholipids, Tyrosine.

4479-69

THE TACTILE FUNCTION OF THE SENSILLARY TRICHIA ON THE ANTENNA OF THE SPEOPHYES LUCIDULUS DELAROUZEE (CAVE COLEOPTERA) LARVA. (FR)

G Corbiere

Acad Sci Compt Rend Ser D Sci Nat 265(18, 2ND SEMESTER):1327-1329

30 Oct 1967 505 P21
Antennae, Coleoptera, Electrophysiology, Insect physiology, Larvae, Mechanoreceptors.

THE REGULATORY CAPACITY OF THE DORSAL MESOTHORACIC DISC IN CERATITIS CAPITATA WIED (DIPTERA, TRYPETIDAE).

M V da Costa

Acad Sci Compt Rend Ser D Sci Nat 264(8, 1ST SEMESTER):1058-1061

20 Feb 1967 505 P21

Ceratitis capitata, Development, Hormones, Insect physiology.

A CRITERION OF TRANSFORMATION FOR AGE-WEIGHT DATA ON INSECT LARVAL

R F Costantino

Growth 32(1):71-73

Mar 1968 442.8 G91

Aging, Insect ecology, Insect physiology, Larvae, Parameters, Population, Transformations (mathematical), Weights.

4482-69

ISOLATION AND A STUDY OF THE MODE OF ACTION OF A POLYGALACTURONASE IN INSECTS (PYRRHOCORIS APTERUS). (FR)

J E Courtois F Percheron M J Foglietti Acad Sci Compt Rend Ser D Sci Nat 266(2, 1ST SEMESTER):164-166

08 Jan 1968 505 P21

Chromatography, Insect biochemistry, Insect physiology, Pectinase, Pyrrhocoris apterus.

TEST ON THE USE OF FUSARIUM EPISPHAERIA F. COCCOPHILA (DESM.) SNYDER AND HANSEN IN THE CONTROL OF THE CALIFORNIA RED SCALE, AONIDIELLA AURANTII.

IS Crouzel R Fresa

Entomophaga Mem Hors Ser (2):151-158

1964 421 EN835M

Aonidiella aurantii, Biological control (insects), Entomogenous fungi, Fusarium, Insect diseases, Insect pests. French summary.

4484-69

THE PROBLEM OF VIRAL LATENCY IN IN-SECT TISSUE CULTURES.

M F Day T D C Grace

Entomophaga Mem Hors Ser (2):449-451

1964 421 EN835M

Antheraea eucalypti, Bombyx mori, Hemerocampa leucostigma, Insect diseases, Polyhedroses. French

4485-69

CLASSIFICATION OF THE STRAINS OF BACILLUS THURINGIENSIS. (FR

H De Barjac A Bonnefoi

Acad Sci Compt Rend Ser D Sci Nat 264(4, 1ST SEMESTER):1811-1813

03 Apr 1967 505 P21

Bacillus thuringiensis, Bacteriology, Insect diseases, Taxonomy.

4486-69

THE INFLUENCE OF THE BROOD COMB ON FOOD EXCHANGE BETWEEN HONEYBEE WORKERS (APIS MELLIFERA). (FR)

P Douault

Acad Sci Compt Rend Ser D Sci Nat 264(8, 1ST SEMESTER):1092-1095

20 Feb 1967 505 P21

Apis mellifera, Food habits, Insect behavior, Radioactive tracers.

STUDY OF THE PHOTOTROPHISM OF THE NOCTUIDAE (LEPIDOPTERA). RESEARCH ON THE VARIATION OF BEHAVIOR FOLLOWING THE FREQUENCY OF INTERMITTENT MONOCHROMATIC ILLUMINATION. (FR)

C Dufay

Acad Sci Compt Rend Ser D Sci Nat 264(21, 1ST SEMESTER):2501-2504

22 May 1967 505 P21 Color, Insect behavior, Light, Noctuidae, Phototropism.

4488-69

THE INFLUENCE OF THE FUNGUS BEAU-VERIA BASSIANA VUILL. ON THE FERTILITY AND THE DIAPAUSE OF LEPTINOTARSA DECEMLINEATA SAY. (FR)

M M El-Tahtaoui

Entomophaga Mem Hors Ser (2):549-553

1964 421 EN835M

Beauveria bassiana, DDT, Entomogenous fungi, Fertility, Insect diseases, Insect physiology, In-tegrated control (insects), Larvae, Leptinotarsa decemlineata. English summary.

4489-69

INDUSTRIAL TESTS OF THE BIOLOGICAL PREPARATION ENTOBACTERIN-3 IN THE USSR. (FR)

N S Fedorintchik

Entomophaga Mem Hors Ser (2):299-303

1964 421 EN835M

Bacillus cereus, Biological control (insects), Biological products, Fruit, Tables (data), Vegetables. English summary.

ATTACK ACTIVITY OF TWO SPECIES OF GNATS IN SOUTHERN CALIFORNIA.

J D Foulk

Entomol Soc Amer Ann 62(1):112-116

15 Jan 1969 420 EN82

Ceratopogonidae, Insect behavior, Insect breeding, Insect collecting equipment, Leptoconops kerteszi.

ACTION OF ECDYSONE ON THE LARVAE OF DROSOPHILA MELANOGASTER SUBJECTED TO STARVATION. THE EXISTENCE OF TWO PRE-REQUISITES FOR THE FORMATION OF THE PUPARIUM. (FR

J Fourche

Acad Sci Compt Rend Ser D Sci Nat 264(20, 1ST SEMESTER):2398-2400

17 May 1967 505 P21

Drosophila melanogaster, Ecdysone, Larvae, Metamorphosis, Starvation.

A SEMI-SYNTHETIC DIET FOR ERI-SILK-WORM RAISING. (JA)
T Fukuda Y Higuchi

Bull Sericult Exp Sta 21(2):401-423 REF

Apr 1967 425.9 J273B

Castorbeans, Growth factors, Insect diets, Insect physiology, Insect rearing, Larvae, Plant extracts, Samia cynthia ricini, Synthetic diets. English sum-

4493-69

THE DEVELOPMENT OF AN ARTIFICIAL DIET NOT CONTAINING LEAF POWDER OF ANY FOOD PLANTS FOR ERI-SILKWORM RAISING.

T Fukuda

J Sericult Sci Jap 36(4):309-314 REF

Aug 1967 425.9 SE6

Feeding, Insect diets, Insect physiology, Insect rearing, Samia cynthia ricini, Synthetic diets.

THE CRYPTONEPHRIDISM OF THE LARVAE OF PLANIPENNIA AND THEIR VARIATIONS IN FUNCTION WITH THE ECOLOGY OF THE INSECTA. (FR)

J Gaumont

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2642-2645

05 Jun 1967 505 P21

Insect ecology, Insect physiology, Kidneys, Planipennia.

4495-69

THE IMMOBILIZATION REFLEX ASSOCIATED WITH TACTILE STIMULATION OF THE PRONOTUM OF NORMAL LARVAE OF BLABERUS CRANIIFER (BURM.) AND ONES HAVING RECEIVED IMPLANTATIONS OF THE CORPORA ALLATA. (FR)

J Y Gautier

Acad Sci Compt Rend Ser D Sci Nat 264(10, 1ST SEMESTER):1319-1322

06 Mar 1967 505 P21

Blaberus craniifer, Corpora allata, Immobilization, Insect behavior, Insect physiology, Larvae, Mechanoreceptors, Tissue transplants.

OBSERVATIONS ON THE SECOND GENERATION OF CARPOCAPSA IN THE LOIRE VALLEY. (FR)

R Geoffrion

Phytoma 20(200, JUL-AUG):11-20

1968 464.8 P563

Carpocapsa pomonella, Caterpillars, Climate, Diapause, Insect biology, Insect outbreak forecasting, Insect pests.

4497-69

NEW DATA ON ACCUMULATION OF S35 AND RU106 BY DRAGONFLY NYMPHS (ODONATA).

A B Getsova G A Volkova Entomol Rev 46(1,JAN-MAR):38 Mar 1967 421 R322AE

Autoradiography, Biochemistry, Nymphs, Odonata, Ruthenium, Sulfur.

4498-69

THE EXISTENCE OF INCLUSIONS WHICH HAVE A LAMELLA ULTRASTRUCTURE IN THE NUCLEUS OF CERTAIN BACTERIO-CYTES IN THE ADIPOSE TISSUE OF PERIPLANETA AMERICANA (INSECTA, BLATTIDAE). (FR)

I D Gharagozlou

Acad Sci Compt Rend Ser D Sci Nat 264(8, 1ST SEMESTER):1056-1057

20 Feb 1967 505 P21

Cell nucleus, Fat body, Insect physiology, Periplaneta americana, Ultrastructure.

4499-69

FOOD GATHERING BEHAVIOR OF THE ANT, CAMPONOTUS NOVEBORACENSIS (FITCH) (HYMENOPTERA: FORMICIDAE).

W H Gotwald

N Y Entomol Soc J 76(4):278-296 REF

Dec 1968 420 N48J

Camponotus, Food habits, Insect behavior.

THE ACCUMULATION OF FERRITIN IN THE NUCLEI AND CYTOPLASM OF CERTAIN MESENTERON CELLS IN OLD HOMOPTERA CERCOPIDAE. (FR

J Gouranton

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2657-2660 REF

05 Jun 1967 505 P21

Cercopidae, Gastrointestinal system, Insect biochemistry, Insect cytology, Philaenus spumarius.

4501-69

INACTIVATION OF JUVENILE HORMONE LIKE COMPOUNDS IN INSECTS. (GE

A Grassman A Geyer G Herda P Schmialek Acta Ent Bohemoslov 65(2):92-99 REF 1968 420 C33

Degradation, Emulsifying agents, Insect physiology, Isoprenoids, Juvenile hormone, Metamorphosis, Tenebrio molitor. English and Czech summa-

4502-69

SOME BIOMETRICS IN PIERIS AND COLIAS (LEPIDOPTERA: PIERIDAE) IN QUEBEC AND NOVA SCOTIA.

P H H Gray

N Y Entomol Soc J 75(1):12-17

Mar 1967 420 N48J

Biometry, Colias eurytheme, Colias philodice, Pieridae, Pieris rapae, Wings (insects).

TWO STRAINS OF BACILLUS THURINGIEN-SIS BERLINER ISOLATED FROM LARVAE OF DISPARATE BOMBYX LYMANTRIA DISPAR.

R Grigorova

Entomophaga Mem Hors Ser (2):179-191 1964 421 EN835M

Bacillus thuringiensis, Bacteriology, Biochemistry, Bombyx, Insect diseases, Larvae, Serological tests, Stilpnotia salicis, Toxins. English summary.

USE OF CHERRY-LAUREL FOLIAGE FOR PREPARATION OF AN EFFECTIVE INSECT-KILLING JAR.

T F Hall S G Breeland P K Anderson

Entomol Soc Amer Ann 62(1):242-244 REF 15 Jan 1969 420 EN82

Anopheles quadrimaculatus, Biological assay, Biological control (insects), Containers, Experimental insects, Foliage, Hydrocyanic acid, Maceration, Prunus caroliniana, Toxins.

EFFECT OF IONIZING RADIATION ON DACUS ZONATUS FRUIT FLY EGGS AND LARVAE IN SITU.

H Haque C R Ahmad

Pakistan J Sci 19(516, SEP-DEC):233-238 1967 475 P172

Cobalt isotopes, Dacus zonatus, Dosage, Guavas, Insect eggs, Insect pests, Ionization, Larvae, Radia-

SOUND PRODUCTION IN THE WHITE-PINE WEEVIL, PISSODES STROBI, AND THE NORTHERN PINE WEEVIL, P. APPROXI-MATUS.

D M Harman G A Kranzler

Entomol Soc Amer Ann 62(1):134-136 REF 15 Jan 1969 420 EN82

Forest insects, Insect behavior, Insect pests, Insect physiology, Pissodes approximatus, Pissodes strobi, Stridulation.

4507-69

SPECIFICITY IN INSECTICIDES.

C C Harris

Gardeners Chron 164(2):22

12 Jul 1968 80 G162

Chlorinated hydrocarbons, DDT, Insect control, Insecticide synergists, Insecticides, Malathion, Organophosphates, Organophosphorus compounds, Pheromones, Pyrethrum, Sex attractants, Synergists, Toxicity.

CONTROL OF METABOLISM IN THE SILK-WORM PUPAL OVARY BY THE DIAPAUSE HORMONE.

K Hasegawa O Yamashita

J Sericult Sci Jap 36(4):297-301 REF Aug 1967 425.9 SE6

Bombyx mori, Chromatography, Diapause, Glycogen, Hormones, Insect eggs, Insect metabolism, Lipids, Ovaries, Photoperiodism, Pupae, Ribonucleic acid, Synthesis, Temperature. Japanese summary.

STUDY OF THE MULTIPLICATION OF SIND-BIS ARBOVIRUS IN DROSOPHILA. (FR)

F Herreng

Acad Sci Compt Rend Ser D Sci Nat 4(24, 1ST SEMESTER):2854-2857

12 Jun 1967 505 P21

Drosophila melanogaster, Reproduction, Sindbis virus, Virus diseases (insects), Viruses.

FURTHER NOTES ON THE REPRODUCTIVE BIOLOGY OF THE EARWIG FORFICULA AURICULARIA L.. (GE)

K Herter

Zool Beitr 13(2-3)213-244

1967 410 Z753

Forficula auricularia, Insect ecology, Insect geography, Insect reproduction, Temperature.

4511-69

DIETARY CHOLINE REQUIREMENTS, PHOSPHOLIPIDS AND DEVELOPMENT IN PHORMIA REGINA.

E Hodgson W C Dauterman H M Mehendale E Smith M A Q Khan

Compar Biochem Physiol 29(1):343-359 REF Apr 1969 444.8 C73

Choline, Development, Insect diets, Phormia regina, Phospholipids.

ULTRASTRUCTURE OF THE HEMOCYTES OF LOCUSTA MIGRATORIA (ORTHOPTERA). (FR J A Hoffmann M E Stoekel A Porte P Joly Acad Sci Compt Rend Ser D Sci Nat 266(5, 1ST SEMESTER):503-505 29 Jan 1968 505 P21

Blood cells, Electron microscopy, Hemolymph, Insect cytology, Locusta migratoria, Ultrastructure.

THE INFRASTRUCTURAL MORPHOLOGY OF PILLOTINA CALOTERMITIDIS NOV. GEN., NOV. SP., A SPIROCHAETALES OF THE INTESTINE OF CALOTERMES PRAECOX. (FR)

A Hollande I Gharagozlou

Acad Sci Compt Rend Ser D Sci Nat 265(18, 2ND SEMESTER):1309-1312 REF

30 Oct 1967 505 P21

Electron microscopy, Isoptera, Morphology, Spirochaeta, Taxonomy.

ATTRACTANT AND FEEDING RESPONSES OF HICKORY SUCKWORM LARVAE TO CERTAIN EXTRACTS OF PECAN SHUCKS.

G S Howell F G Maxwell

Entomol Soc Amer Ann 62(1):240-242

15 Jan 1969 420 EN82

Acetone, Attractants, Carya illinoensis, Ethyl al-cohol, Extracts, Feeding, Hexane, Insect behavior, Insect pests, Insect physiology, Laspeyresia caryana.

EXPERIMENTS ON THE MILKY DISEASE OF THE LARVA OF MELOLONTHA MELOLONTHA L. (FR)

B Hurpin

Entomophaga Meni Hors Ser (2):41-45

1964 421 EN835M

Bacillus popilliae, Biological control (insects), Ecology, Insect diseases, Larvae, Melolontha melolontha, Milky disease, Temperature. English summary

A PRELIMINARY STUDY ON THI POLYHEDROSIS VIRUS OF JUTI SEMILOOPER, ANOMIS SABULIFERA GUEN. THE

M Ishaque A K M F Kabir

Pakistan J Sci 19(516,SEP-NOV):205-208 1967 475 P172

Anomis sabulifera, Epidemiology, Insect diseases, Polyhedroses, Symptomatology, Viruses.

NUTRITION OF THE SILKWORM, BOMBYX MORI. XVII. EFFECT OF DIETARY LEVELS OF AMINO ACIDS ON GROWTH OF FIFTH-IN-STAR LARVAE AND ON COCOON QUALITY.

T Ito N Arai T Inokuchi Bull Sericult Exp Sta 21(2):385-400

Apr 1967 425.9 J273B

Amino acids, Bombyx mori, Insect diets, Insect nutrition, Insect physiology, Insect rearing, Larvae, Pupal cases, Synthetic diets. English summary.

NUTRITIONAL REQUIREMENTS AND ARTIFICAL DIETS FOR THE SILKWORM, BOMBYX MORI L.

T Ito

J Sericult Sci Jap 36(4):315-319 REF

Aug 1967 425.9 SE6

Amino acids, Biochemistry, Bombyx mori, Carbohydrates, Chromatography, Growth factors, Insect diets, Insect metabolism, Insect nutrition, Insect physiology, Lipids, Minerals, Quantitative analysis, Sterols, Vitamins. Japanese summary.

SUSCEPTIBILITY OF IRRADIATED INSECTS TO BACILLUS THURINGIENSIS INFECTION.

R H Jafri Entomophaga Mem Hors Ser (2):351-354 1964 421 EN835M

Bacillus thuringiensis, Insect diseases, Mortality, Tribolium castaneum, Tribolium confusum, Xrays. French summary.

INTERNAL ANATOMY OF THE DEVELOPMENTAL STAGES OF THE TWOSPOTTED SPIDER MITE.

M Jalil

Entomol Soc Amer Ann 62(1):247-249

15 Jan 1969 420 EN82

Insect anatomy, Insect histology, Insect morphology, Metamorphosis, Tetranychus urticae.

4521-69

TERMITE CONTROL IN RUBBER PLANTA-TIONS.

K Jayarathnam

India Rubber Board Bull 9(4):33-40 REF

1968 78.9 IN22

Chemical control (insects), Dieldrin, Heptachlor, Insecticide application, Insecticides, Odontotermes obesus, Pest control, Plantations, Rubber, Tables (data), Termites. Several other less effective insecticides are mentioned.

4522-69

THE RESULTS OF LARGE DOSE INJECTIONS OF JUVENILE HORMONE IN LOCUSTA MIGRATORIA, GREGARIOUS PHASE. (FR) P Joly

Acad Sci Compt Rend Ser D Sci Nat 268(12, 1ST SEMESTER):1634-1635

24 Mar 1969 505 P21

Insect physiology, Juvenile hormone, Locusta migratoria.

4523-69

CYTOPLASMIC PARTICLES CARRYING RAPIDLY LABELED RNA IN DEVELOPING IN-SECT EPIDERMIS.

F C Kafatos

Nat Acad Sci Proc 59(4):1251-1258 REF

Apr 1968 500 N21P

Bombyx mori, Cuticle, Cytology, Insect physiology, Radioactive tracers, Ribonucleic acid.

THE INCIDENCE AND BURDEN OF HYMENOLEPIS DIMINUTA CYSTICERLOIDS AS A FUNCTION OF THE AGE OF THE INTERMEDIATE HOST, TRIBOLIUM CONFUSUM.

R J Kelly D M O'Brian F F Katz

N Y Entomol Soc J 75(1):19-23 REF

Mar 1967 420 N48J

Aging, Echinococcosis, Host-parasite relations, Hymenolepis diminuta, Tribolium confusum.

RESULTS OF EXPERIMENTS CARRIED OUT IN HUNGARY WITH BACILLUS THURINGIEN-SIS.

Z Klement

Entomophaga Meiu Hors Ser (2):341-343

1964 421 EN835M

Anagasta kuehniella, Bacillus thuringiensis, Biological control (insects), Experimental insects, Insect diseases. French summary.

4526-69

ON THE CONTINUOUS OR PERIODIC PRODUCTION OF BROODS IN THE HALICTINAE (INSECTA, HYMENOPTERA). (FR)

G Knerer C Plateaux-Quenu

Acad Sci Compt Rend Ser D Sci Nat 264(4, 1ST SEMESTER):651-653

23 Jan 1967 505 P21

Halictidae, Insect reproduction.

4527-69

COMPARISON OF THE STRUCTURE AND ARCHITECTURE OF SOME NESTS OF EVYLAEUS (HYM., HALICTIDAE) AT THE CELL REGION. (FR

G Knerer C Plateaux-Quenu

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):455-458

31 Jul 1967 505 P21

Halictidae, Insect nests, Nesting habits.

ON THE PRODUCTION OF MALES IN THE SO-CIAL HALICTINAE (INSECTA, HYMENOP-TERA). (FR)

G Knerer C Plateaux-Quenu

Acad Sci Compt Reud Ser D Sci Nat 264(8, 1ST SEMESTER):1096-1099

20 Feb 1967 505 P21

Halictidae, Insect genetics, Insect reproduction.

BROOD CARE IN HALICTINE BEES.

G Knerer

Science 164(3878):429-430

25 Apr 1969 470 SCI2

Bee behavior, Bees, Feeding, Halictinae, Social in-

4530-69

LOPIDEA UHLER: NEW SPECIES AND RECORDS FROM **MEXICO** AND SOUTHWESTERN UNITED STATES WITH MAYAMIRIS, RELATED NEW GENUS FROM MEXICO (HEMIPTERA, MIRIDAE).

H H Knight J C Schaffner

Iowa State J Sci 43(1):71-81

Aug 1968 470 IO9

Hemiptera, Insect taxonomy, Lopidea, Mayamiris, Miridae. The author discusses 9 species of the Lopidea

AN ACTION OF INSECT HORMONES ON CAR-BOHYDRATE METABOLISM IN INSECTS.

M Kobayashi

J Sericult Sci Jap 36(4):302-308

Aug 1967 425.9 SE6

Bombyx mori, Carbohydrates, Diapause, Experimental insects, Glucose, Growth factors, Hormones, Insect metabolism, Insect physiology, Pupae, Radioactivity, Samia cynthia pryeri, Synthesis, Temperature, Trehalose. Japanese summary.

FAUNA OF THE PREDATOR BUGS (HEMIPTERA-HETEROPTERA) OCCURRING ON APPLE TREES IN THE DISTRICT OF POZNAN. (POL)

A Korcz

Pol Pismo Entomol 37(3):581-586 MAP REF 30 Oct 1967 421 P76

Apples, Biological control (insects), Heteroptera, Insect identification, Predaceous insects.

ARADIDAE IN THE BISHOP MUSEUM, HONOLULU (HEMIPTERAHETEROPTERA).

N A Kormileu

Pacific Insects 9(3):447-479

20 Aug 1967 421 P11

Catalogs, Hemiptera, Insect taxonomy, Zoogeog-

4534-69

INVESTIGATIONS OF FAUNA OVERWINTER-ING IN OR UNDER THE BARK OF APPLE TREES. PART II. STUDIES ON ARACHNIDA. (POL)

M Koslinska

Pol Pismo Entomol 37(3):587-602 REF

30 Oct 1967 421 P76

Apples, Arachnida, Bark, Beneficial insects, Hibernation, Insect populations, Predaceous insects. English summary.

THE PRESENCE OF VOLATILE FATTY ACIDS IN THE GUT OF A HIGHER TERMITE (MICROCEROTERMES EDENTATUS WAS., AMITERMITINAE). (FR)

J Kovoor

Acad Sci Compt Rend Ser D Sci Nat 264(3, 1ST SEMESTER):486-488

16 Jan 1967 505 P21

Abdomen, Fatty acids, Insect biochemistry, Insect physiology, Intestines, Isoptera.

4536-69

SPERMIOGENESIS IN AEDES AEGYPTI (L.).

E S Krafsur J C Jones

Cytologia 32(3-4):450-462

Dec 1967 44.8 C99

Aedes aegypti, Cytology, Electron microscopy, Spermatogenesis.

INFORMATION ON A NATURAL BACTERIAL EPIZOOTIC DISEASE ON EPHESTIA KUHNIELLA ZELLER, CAUSED BY A BACILLUS OF THE TYPE OF BACILLUS THURINGIENSIS. (FR)

E S Kurstak

Entomophaga Mem Hors Ser (2):245-247

1964 421 EN835M

Anagasta kuehniella, Bacillus cereus, Bacillus thuringiensis, Biological control (insects), Epizootic diseases, Insect diseases, Mortality, Parasitism, Protozoa, Venturia canescens. English summary.

4538-69

EVIDENCE, BY CELLULOSE ACETATE ELECTROPHORESIS, OF A VITELLOGENETIC PROTEIN IN THE HEMOLYMPH OF THE FEMALE IMAGO OF THE CABBAGE PIERID (PIERIS BRASSICAE L.). (FR)

Acad Sci Compt Rend Ser D Sci Nat 265(14, 2ND SEMESTER):990-993

02 Oct 1967 505 P21

Electrophoresis, Hemolymph, Insect biochemistry, Insect genetics, Pieris brassicae, Proteins.

CRITHIDIA MELLIFICAE N. SP. AN ACIDO-PHILIC TRYPANOSOMATID OF THE HONEY BEE APIS MELLIFERA.

D F Langridge R B McGhee

J Protozool 14(3):485-487 Aug 1967 439.8 J82

Apis mellifera, Crithidia mellificae, Culture media, Hydrogen-ion concentration, Insect diseases, Protozoa, Trypanosomatidae.

THE ORIGIN AND GROWTH OF GENITAL DISC IN DROSOP MELANOGASTER MEIG. (FR) DROSOPHILA

Acad Sci Coupt Reud Ser D Sci Nat 265(11, 2ND SEMESTER):814-817 REF

11 Sep 1967 505 P21

melanogaster, Drosophila Metamorphosis. Reproductive organs.

IN VITRO CULTURE OF THE OVARIES OF TENEBRIO MOLITOR (COLEOPTERA). THE IMPORTANCE OF THE COMPOSITION OF THE MEDIUM FOR SURVIVAL, GROWTH, AND YOLK FORMATION. (FR)

A M Laverdure

Acad Sci Compt Rend Ser D Sci Nat 265(6, 2ND SEMESTER):505-507

07 Aug 1967 505 P21

Culture media, Insect physiology, Ovaries, Tenebrio molitor, Tissue culture.

THE MODE OF ACTION OF THE CORPORA ALLATA IN THE COURSE OF YOLK FORMATION IN TENEBRIO MOLITOR (COLEOPTERA). (FR)

A M Laverdure

Acad Sci Compt Rend Ser D Sci Nat 265(2, 2ND SEMESTER):145-146

10 Jul 1967 505 P21

Corpora allata, Insect physiology, Oogenesis, Tenebrio molitor.

4543-69

INHIBITION OF THE OVIPOSITION BEHAVIOR OF THE MIGRATOR LOCUST (LOCUSTA MIGRATORIA L.) CAUSED BY THE SALINITY OF THE SOIL. (FR)

J R Le Berre I Jaillet

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):430-433

31 Jul 1967 505 P2I

Insect behavior, Locusta migratoria, Oviposition, Saline soils, Soil chemistry.

THE USE OF A HETEROPTERA, PENTATOMIDAE PERILLUS BIOCULATUS (FABR.) IN THE FIGHT AGAINST THE POTATO BEETLE LEPTINOTARSA DECEMBER LINEATA (SAY): FIRST RESULTS OBTAINED IN FRANCE. (FR)

J R Le Berre G Portier

Entomophaga 8(3):183-190

1963 421 EN835

Beneficial insects, Biological control (insects), Insect pests, Leptinotarsa decemlineata, Pentatomidae, Perillus bioculatus, Potatoes, Predaceous insects. English summary.

ADULT EMERGENCE INTERVAL REPRODUCTION IN PARASITIC HYMENOP-TERA INFLUENCED BY HOST SIZE AND DEN-

E F Legner

Entomol Soc Amer Ann 62(1):220-226 REF 15 Jan 1969 420 EN82

Hippelates collusor, Hymenoptera, Insect behavior, Insect biology, Insect morphology, Insect physiology, Musca domestica, Parasitic insects, Reproduction.

4546-69

IN VITRO CULTURE OF THE OVARIES OF TENEBRIO MOLITOR (COLEOPTERA). GROWTH AND YOLK FORMATION. (FR)

T Lender A M Laverdure

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):451-454
31 Jul 1967 505 P21

Culture media, Oogenesis, Ovaries, Tenebrio molitor, Tissue culture.

CONTRIBUTION TO THE BIOLOGICAL STUDY OF THE DIPTERA SARCOPHAGIDAE, PARASITES OF ACRIDIDS. THE BIOLOGICAL CYCLE OF BLAESOXIPHA ROSSICA VILL. INJECTION OF LARVAE IN THE BODY OF THE HOST BY THE FEMALE SARCOPHAGIDAE. (FR)

J Leonide

Acad Sci Compt Rend Ser D Sci Nat 265(3, 2ND SEMESTER):232-234

17 Jul 1967 505 P21

Acrididae, Insect behavior, Insect biology, Insect evolution, Larvae, Parasitic insects, Sarcophagidae.

STUDY OF ROBBER FLIES OF THE TRIBE ASILINI (DIPTERA, ASILIDAE) WITH DESCRIPTIONS OF NEW GENERA AND SPECIES FROM KAZAKHSTAN AND SOVIET CENTRAL TRAL ASIA.

P A Ler

Entornol Rev 46(2,APR-JUN):232-241

Jun 1967 421 R322AE

Asilidae, Catalogs, Insect ecology, Insect morphology, Insect taxonomy, Zoogeography.

OBSERVATIONS ON COSSUS COSSUS L. (COS-SIDAE). (FR)

J de Ligondes

Alexanor 5(4):166

27 Dec 1967 421 AL2

Cossidae, Cossus cossus, Insect behavior.

CYTOLOGY AND CYTOCHEMISTRY OF THE MYCETONE OF PSEUDOCOCCUS MARITIMUS (EARHORN) (HOMOPTERA COCCIDAE. (FR) C Louis

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):437-440

31 Jul 1967 505 P2I

Fungi, Insect biochemistry, Insect cytology, Mycetomes, Pseudococcus maritimus, Symbiosis.

THE NATURE OF PATHOGENICITY OF PSEU-DOMONAS AERUGINOSA FOR GALLERIA MELLONELLA.

O Lysenko

Entomophaga Mem Hors Ser (2):35-36

1964 421 EN835M

Biochemistry, Galleria mellonella, Insect diseases, Pseudomonas aeruginosa, Serological tests, Toxins. French summary.

NOTES ON METHODS FOR THE EXTRACTION OF SMALL SOIL ARTHROPODS BY THE HIGH GRADIENT APPARATUS.

A Macfadyen

Pedobiologia 8(3):401-406

1968 56.8 P343

Insect collecting equipment, Methodology, Soil in-

4553-69

INTEGRATED CONTROL OF THE FRUIT-TREE LEAF ROLLER, ARCHIPS ARGYROSPI-LUS (WALKER), AND THE EYE-SPOTTED BUD MOTH, SPILONOTA OCELLANA (DENIS AND SCHIFFERMULLER).

H F Madsen R S Downing

Entornol Soc Brit Columbia Proc 65:19-21

01 Aug 1968 420 B77

Archips argyrospilus, Azinphosmethyl, Chemical control (insects), Dosage, Integrated control (insects), Oils, Spilonota ocellana, Spraying.

EVIDENCE OF A MODIFIED OVARIAN REGION IN THE HAIR GLANDS OF THE COLEOPTERON, HYDROPHILIDAE. COMPARATIVE ANATOMIC DATA. (FR)

Y P Maillard

Acad Sci Compt Rend Ser D Sci Nat 266(5, 1ST SEMESTER):500-502

29 Jan 1968 505 P2I

Hydrophilidae, Insect morphology, Insect physiology, Reproductive organs.

ON THE PRESENCE OF A VIRUS IN THE TESTICLE OF A HOMOPTERAN INSECT. (FR)

Acad Sci Compt Rend Ser D Sci Nat 264(24, 1ST SEMESTER):2828-2831

12 Jun 1967 505 P21

Electron microscopy, Homoptera, Insect physiology, Testes, Virus diseases (insects).

4556-69

NEW OBSERVATIONS ON THE TRANSPORT OF INTRANUCLEAR MICROORGANISMS, CALLED PHI PARTICLES, BY THE SPERMATOZOIDS IN HOMOPTEROUS INSECTS.

P L Maillet R Folliot

Acad Sci Compt Rend Ser D Sci Nat 264(7, 1ST SEMESTER):965-968

13 Feb 1967 505 P21

Biological transport, Cicadellidae, Insect cytology, Microorganisms, Spermatozoa.

WATCH FOR THE CEREAL LEAF BEETLE.

G F Manson A R Boyce

Can Dep Agr Publ 1353:4P 1968 7 C16PU

Carbamates, Carbaryl, Chemical control (insects), Chrysomelidae, Corn, Grain, Grasses, Insect behavior, Insect biology, Insect identification, In-secticides, Malathion, Organophosphorus compounds, Oulema melanopus.

4558-69

PREDATORY ACTIVITY OF LUCIOLA CRU-CIATA (OLIVIER, 1886) (COLEOPTERA: LAM-PYRIDAE) LARVAE ON NEWLY HATCHED BIOMPHALARIA GLABRATA.

M de Maria J Pellegrino K Okabe

Mushi 41(9):121-122

10 Nov 1967 421 M97

Insect behavior, Lampyridae, Larvae, Predaceous insects, Snails.

BIOLOGY OF THE ANT FORMICA SAN-GUINEA LATR. (HYMENOPTERA, FOR-MICIDAE) IN THE TIEN SHAN.

P I Marikovskiy

Entornol Rev 46(1,JAN-MAR):46-50 REF

Mar 1967 421 R322AE

Formicidae, Insect biology, Insect morphology, Insect physiology, Zoogeography.

POISONING OF PIERIS BRASSICAE L. BY AN ENZYME FRACTION OF THE TOXIN OF THE CRYSTALS OF THE STRAINS BACILLUS THURINGIENSIS SEROTYPE U BERLINER AND SEROTYPE. III. ANDUZE. (FR)

D Martouret

Entomophaga Mem Hors Ser (2):213-220

1964 421 EN835M

Bacillus thuringiensis, Biochemistry, Enzymes, Gastrointestinal system, Hydrogen-ion concentration, Injections, Insect physiology, Mortality, Pieris brassicae, Poisoning, Symptomatology, Toxins. English summary.

4561-69

POLYACRYLAMIDE GEL ELECTROPHORETIC ANALYSIS OF THE PROTEINS OF LOCUSTA MIGRATORIA (L.) AND THE CORRESPONDING ALBINO MUTANT. (FR)

R Marty J P Zalta Acad Sci Compt Rend Ser D Sci Nat 264(16, 1ST SEMESTER):2051-2054 REF

17 Apr 1967 505 P21

Albinism, Electrophoresis, Insect biochemistry, Insect mutation, Locusta migratoria, Proteins.

4562-69

INTRASPECIFIC QUALITATIVE AND QUAN-VARIATIONS (
PROTEINS TITATIVE HEMOLYMPH OF THE OF COPHOPODISMA PYRENAE (FISCH.), (ORTHOPTERA, CATANTOPIDAE) AS A FUNCTION OF BIOGEOGRAPHIC AREA. (FR) (FISCH.), R Marty J P Zalta

Acad Sci Compt Rend Ser D Sci Nat 264(4,·1ST SEMESTER):643-646 REF

23 Jan 1967 505 P21

Cophopodisma pyrenaea, Hemolymph, Insect evolution, Proteins, Zoogeography.

4563-69

CULTURE METHOD FOR RHYNCHOSCIARA.

E Mattingly S Ogle

Entomol Soc Amer Ann 62(1):94-96

15 Jan 1969 420 EN82

Agar, Culture media, Fermentation, Insect physiology, Insect rearing, Larvae, Peat, Rhynchosciara.

4564-69

REGULATION OF GROWTH OF NURSE NUCLEI IN THE DEVELOPMENT OF EGG FOLLICLES IN CECIDOMYIIDAE (DIPTERA). R Matuszewski

Chromosoma 25(4):429-469 REF

05 Dec 1968 442.8 C46

Cecidomyiidae, Development, Insect metabolism, Mikiola fagi, Mitosis, Oogenesis.

MOBILITY IN TRIBOLIUM CONFUSUM.

D J McDonald

Ecology 49(4,SUMMER):770-771

1968 410 EC7

ENTOMOLOGY

4566-69

Flour, Insect behavior, Locomotion, Tribolium confusum.

4566-69

THE ECOLOGICAL IMPORTANCE OF THE PREDATORY BEHAVIOR OF APHELINUS ASYCHIS WALKER, HYM., APHELINIDAE, AN ENDOPARASITE OF PURCERONS (HOM., APHIDIDAE). (FR)

M F Michel

Acad Sci Compt Rend Ser D Sci Nat 264(7, 1ST SEMESTER):936-939

13 Feb 1967 505 P21

Aphelinidae, Aphididae, Host relationships, Insect behavior, Insect ecology.

4567-69

COMMUNITY STUDIES ON HYMENOPTERA FOUND ON BRASSICA NAPUS. PART IV. ACULEATA. (POL)

B Miczulski

Pol Pismo Entomol 37(3):487-506 REF

30 Oct 1967 421 P76

Aculeata, Hymenoptera, Insect ecology, Insect populations, Rape. English summary.

THE WARBLE FLY.

Great Brit Min Agr Fish Food Adv Leafl 533.4P Jun 1968 10 G79LA

Cattle, Chemical control (insects), Hypoderma bovis, Hypoderma lineatum, Insect biology, Insect morphology, Insecticides, Maggots, Rotenone, Water pollution.

4569-69

THE PLECOPTERA OF A HEADWATER STREAM (GAITSCALE GILL, ENGLISH LAKE DISTRICT).

G W Minshall

Arch Hydrobiol 65(4):494-514 MAP REF

Feb 1969 410 AR28

Insect ecology, Plecoptera, Surveys, Temperature, Zoogeography.

4570-69

SOME PROBLEMS ON DEVELOPMENTAL PHYSIOLOGY IN THE SILKWORM EGG.

J Sericult Sci Jap 36(4):293-296 REF

Aug 1967 425.9 SE6

Bombyx mori, Cuticle, Embryos, Insect eggs, Insect genetics, Insect morphology, Insect physiology. Japanese summary.

EFFECT OF MELATONIN ON EGG PRODUC-TION OF THE BOLL WEEVIL, ANTHONOMUS GRANDIS.

R F Moore H M Taft

Entomol Soc Amer Ann 62(1):252

15 Jan 1969 420 EN82

Anthonomus grandis, Curculionidae, Enzymes, Growth factors, Inhibitors, Insect diets, Insect eggs, Melatonin, Reproduction, Sex ratios.

4572-69

THE ROLE OF THE EXUVIAL FLUID SWALLOWED BEFORE EMERGENCE, IN THE EXPANSION OF THE WINGS OF BOMBYX MORI L.. (FR)

R Moreau J J Bounhiol

Acad Sci Compt Rend Ser D Sci Nat 265(17, 2ND

SEMISTER):1234-1236 23 Oct 1967 505 P21

Bombyx mori, Exuvial fluid, Insect physiology, Wings (insects).

REMARKS CONCERNING THE TERMINOLO-GY OF THE GENITALIA ARMOR IN THE GENUS ARGYNNIS (S.L.). (LEPIDOPTERA, NYMPHALIDAE). (FR)

E V Niculescu

Alexanor 5(4):146-148

27 Dec 1967 421 AL2

Argynnis, Insect anatomy, Insect taxonomy, Lepidoptera, Nomenclature, Nymphalidae, Reproductive organs.

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THE PARTICLE LINING OF THE PLASMIC MEMBRANE IN CONNECTION WITH EXCRETION IN A SPECIALIZED REGION OF THE MIDDLE INTESTINE OF HIGHER TERMITES.

C Noirot C Noirot-Timothee J Kovoor Acad Sci Compt Rend Ser D Sci Nat 264(5, 1ST SEMESTER):722-725 REF 30 Jan 1967 505 P21

Electron microscopy, Excretion, Insect morphology, Malpighian tubes, Plasma membrane, Termitidae.

4575-69

THE PROGRESS OF MITOSIS (ORTHOMITOSIS) IN THE MANNER OF ENDOMITOSIS IN THE MALPIGHIAN TUBULES OF THE LOCUST (LOCUSTA MIGRATORIA) (INSECTIONAL CERTIFICAL) (ENDOMINE ALL COLUMN AND ALL COL TA, ORTHOPTERA). (FR)

C G Nordau

Acad Sci Compt Rend Ser D Sci Nat 264(25, 1ST SEMESTER):2919-2921

19 Jun 1967 505 P21

Insect cytology, Locusta migratoria, Mitosis.

POLYMORPHISM IN MALES OF THE SUGAR-LEAFHOPPER, PERKINSIELLA CANE SACCHARICIDA.

A W Osborn

Entomol Soc Amer Ann 62(1):247

15 Jan 1969 420 EN82

Delphacidae, Insect physiology, Insect populations, Perkinsiella saccharicida, Polymorphism.

PROTHETELY IN CARABIDAE OF THE GENUS PTEROSTICHUS. (GE)

W Paarmann

Zool Beitr 13(1):121-135 REF

1967 410 Z753

Carabidae, Development, Insect morphology, Larvae, Pterostichus, Wings (insects).

RECENT DATA ON THE ORIGIN OF LARVAL POLYMORPHISM AT HATCHING IN THE MIGRATORY GRASSHOPPER, SCHISTOCER-CA GREGARIA FORSKAL. (FR)

Acad Sci Compt Rend Ser D Sci Nat 268(12, 1ST SEMESTER):1640-1642

24 Mar 1969 505 P21

Insect morphology, Larvae, Oothecae, Polymorphism, Schistocerca gregaria.

STUDY OF THE TEGUMENTARY GLANDS AND THEIR SECRETORY CYCLE IN THE LARVA OF TIPULA FLAVOLINEATA MEIG.. (FR)

J C Pihan

Acad Sci Compt Rend Ser D Sci Nat 265(17, 2ND SEMESTER):1202-1205

23 Oct 1967 505 P21

Cuticle, Glands (insects), Insect histology, Insect physiology, Larvae, Secretion, Tipula flavolineata.

4580-69

STUDY OF THE TRACHEAL UNITS AND NODULAR TRACHEAL CELLS IN TIPULA FLAVOLINEATA MEIG.. (FR)

J C Pihan

Acad Sci Compt Rend Ser D Sci Nat 264(19, 1ST

SEMESTER):2311-2313 08 May 1967 505 P21

Insect histology, Larvae, Tipula flavolineata, Trachea.

4581-69

ACTION OF NATURAL IONIZING RADIA-TIONS ON REPRODUCTION IN THE METAZOA: RESEARCH ON DROSOPHILA MELANOGASTER. (FR)

H Planel J P Soleilhavoup M C Giess R Tixador Acad Sci Compt Rend Ser D Sci Nat 264(5, 1ST SEMESTER):755-758

30 Jan 1967 505 P21

Drosophila melanogaster, Insect biology, Insect reproduction, Ionizing radiation, Radiobiology.

DATA IN EVIDENCE OF A RETARDATION OF DEVELOPMENT OF DROSOPHILA MELANOGASTER BY A REDUCTION IN THE NATURAL ENVIRONMENTAL RADIATION.

H Planel J P Soleilhavoup M C Giess R Tixador Acad Sci Compt Rend Ser D Sci Nat 264(6, 1ST SEMESTER):865-868

06 Feb 1967 505 P21

Development, Drosophila melanogaster, Environmental control, Radiation.

APOMYELOIS BISTRIATELLA: A MOTH WHICH FEEDS IN AN ASCOMYCETE FUNGUS (LEPIDOPTERA: PYRALIDAE).

J A Powell

N Y Entomol Soc J 75(4):190-194

Dec 1967 420 N48J

Ascomycetes, Food habits, Insect identification, Pyralidae.

EVIDENCE OF A VARIANT OF THE VESICULAR STOMATITIS VIRUS (INDIANA STRAIN) WHICH CONFERS A RETARDED SENSITIVITY TO CARBONIC GAS IN DROSOPHILA MELANOGASTER. (FR)

Acad Sci Compt Rend Ser D Sci Nat 265(2, 2ND SEMESTER):169-172

10 Jul 1967 505 P21

Carbon dioxide, Drosophila melanogaster, Vesicular stomatitis virus, Virus diseases (insects).

4585-69

OBSERVATIONS ON THE ULTRASTRUCTURE OF THE PARASYMPATHETIC ORGANS OF THE PHASMIDS. (FR)

M Raabe F Ramade

Acad Sci Compt Rend Ser D Sci Nat 264(1, 1ST SEMESTER):77-80

04 Jan 1967 505 P21

Electron microscopy, Nervous Phasmatodea, Ultrastructure.

4586-69

DIAPAUSE IN APANTELES CONGREGATUS.

R L Rabb R Thurston

Entomol Soc Amer Ann 62(1):125-128 15 Jan 1969 420 EN82

Apanteles congregatus, Braconidae, Diapause, Experimental insects, Insect physiology, Larvae, Manduca sexta, Parasitism, Photoperiodism.

THE IMPORTANCE OF HETEROGENEITY IN THE SEXUAL ATTRACTION EXERCISED BY FEMALE ACROLEPIA ASSECTELLA ZELLER.

R Rahn V Labeyrie

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):427-429

31 Jul 1967 505 P21

Acrolepia assectella, Metamorphosis, Ovaries, Secretion, Sex behavior.

4588-69

THE PRESENCE OF POSITIVE PARAL-DEHYDE FUCHSIN GRANULES IN THE PEDI-CLE OF THE OVARY OF PYRILLA PERPUSIL-LA WALKER (INSECTA HOMOPTERA FUL-GOROIDEA). (FR)

P S Ramamurty Y Krishnanandam

Acad Sci Compt Rend Ser D Sci Nat 266(5, 1ST SEMESTER):519-521 REF

29 Jan 1968 505 P21

Insect biochemistry, Oogenesis, Ovaries, Pyrilla perpusilla.

INTRANUCLEAR CRYSTALS IN THE MIDGUT EPITHELIUM OF A FLEA.

P A Richards A G Richards

Entomol Soc Amer Ann 62(1):249-250

15 Jan 1969 420 EN82

Ctenophthalmus, Epithelium, Gastrointestinal system, Insect physiology.

4590-69

THE CHROMOSOME FORMULA OF THE CAVE ORTHOPTERA TROGLOPHILUS NEGLECTUS (RHAPHIDOPHORIDAE). (FR) P Saltet

Acad Sci Compt Rend Ser D Sci Nat 265(18, 2ND SEMESTER):1313-1316

30 Oct 1967 505 P21

Chromosomes, Insect genetics, Insect taxonomy, Tettigoniidae.

4591-69

EXPERIMENT ON THE INFLUENCE OF BACILLUSCEREUS VAR. GALLERIAE AND OF LINDANE ON SITOTROGA CEREALELLA OLIV. AND ON TRICHOGRAMMA CACOECIAE MARCH. (FR)

H Sandner J Kot

Entomophaga Mem Hors Ser (2):545-547

1964 421 EN835M

Bacillus cereus, Insect eggs, Insecticides, Integrated control (insects), Larvae, Lindane, Parasites, Sitotroga cerealella, Trichogramma cacoeciae. English summary

THE OCCURRENCE OF THEOGNIS OCCUDENTALIS IN THE MIDWESTERN UNITED STATES (HETEROPTERA: COREIDAE).

J C Schaffner

Kans Entomol Soc J 40(2):141-142

Apr 1967 420 K13

Biology, Coreidae, Geography, Hibernation, Insect behavior, Leptoglossus occidentalis, Research.

4593-69

ELECTRICAL RESISTANCE OF INTACT IN-TEGUMENT THROUGHOUT THE MOLT CYCLE OF A COCKROACH.

P O Scheie

Compar Biochem Physiol 29(1):479-482

Apr 1969 444.8 C73

Cuticle, Electrophysiology, Insect physiology, Molting (insects), Periplaneta americana, Resistance.

THE POSSIBILITIES OF REGULATING THE LABIAL IMAGINAL DISC IN CALLIPHORA ERYTHROCEPHALA MEIGEN. (FR)

J Schoeller-Raccaud

Acad Sci Compt Rend Ser D Sci Nat 265(17, 2ND SEMESTER):1230-1233

23 Oct 1967 505 P21

Calliphora vicina, Insect physiology, Metamorphosis, Mouth parts.

RANCHO GRANDE (VENEZUELA). 2. MICROHABITATS OF. (SP)

J V Scorza I Gomez M T De McLure M Remirez Acta Biol Venezuelica 6(1):1-27 REF

31 Mar 1968 475 AC86

Habitats, Humidity, Insect ecology, Methodology, Microclimate, Phlebotomus. English abstract

4596-69

BIOLOGICAL OBSERVATIONS ON SOME SANDFLIES (PHLEBOTOMUS) OF RANCHO GRANDE (VENEZUELA). 3. BIONOMICAL NOTES ON PHLEBOTOMUS TOWNSENDI ORTIZ, 1959 AND P. VEXILLARIUS FAIRCHILD HERITIG, 1952. (SP)

J V Scorza I Gomez M Ramirez

Acta Biol Venezuelica 6(1):28-40 REF

31 Mar 1968 475 AC86

Habitats, Insect behavior, Insect rearing, Methodology, Phlebotomus. English abstract

4597-69

BIOLOGY OF WASPS OF THE TRIBE CERCERINI, WITH A LIST OF THE COLEOPTERA USED AS PREY.

H A Scullen J L Wold

Entomol Soc Amer Ann 62(1):209-214 REF

15 Jan 1969 420 EN82

Biological control Bruchidae, (insects), Buprestidae, Chrysomelidae, Coleoptera, Curculionidae, Eucerceris, Food, Hymenoptera, Insect behavior, Insect biology, Insect pests, Insect physiology, Larvae, Predaceous insects, Sphecidae, Tenebrionidae. The authorlists the species of wasp and beetles used as prey.

4598-69

ORIENTATION OF CARRION BEETLES TO CARRION: RANDOM OR NONRANDOM. P P Shubeck

N Y Entomol Soc J 76(4):253-265 REF

Dec 1968 420 N48J

Coleoptera, Food habits, Insect behavior.

INTESTINAL TRANSPORT AND METABOLISM OF D-AMINO ACIDS IN THE SILKWORM, BOMBYX MORI L.

M B Shyamala J V Bhat

J Sericult Sci Jap 36(4):320-326 REF

Aug 1967 425.9 SE6

Absorption, Amino acids, Bombyx mori, Dinitrophenols, Insect metabolism, Insect physiology, Intestines, Isomers, Radioactivity, Japanese summary.

TRANS-OVUM TRANSMISSION OF INSECT VIRUSES AS A BIOLOGICAL CONTROL.

W A Smirnoff

Entomophaga Mem Hors Ser (2):459-460

1964 421 EN835M

Biological control (insects), Dosage, Insect diseases, Insect eggs, Insect pests, Neodiprion swainei, Trichiocampus irregularis, Trichiocampus Trichiocampus irregula viminalis. French summary.

SOME EFFECTS OF CASTRATION ON THE PROTOCEREBRAL NEUROSECRETION OF THE FEMALES OF POLISTES (HYMENOPTERA, VESPIDAE). (FR)

A Strambi

Acad Sci Compt Rend Ser D Sci Nat 264(16, 1ST SEMESTER):2031-2034

17 Apr 1967 505 P21

Castration, Nervous system, Ovaries, Polistes, Secretions, Vespidae.

FEEDING AND NUTRITION OF LYGUS HESPERUS. III. LIMITED GROWTH AND DEVELOPMENT ON A MERIDIC DIET.

F E Strong E Kruitwagen

Entomol Soc Amer Ann 62(1):148-155 15 Jan 1969 420 EN82

Amino acids, Insect morphology, Insect nutrition, Insect physiology, Insect rearing, Lygus hesperus, Micronutrients, Miridae, Sterols, Sucrose, Micronutrients, Vitamins.

ON THE INVESTIGATIVE METHODS OF THE SOUND CHARACTERISTICS OF SMALL CICADAS (HOMOPTERA-CICADINA). (GE)

H Strubing

Zool Beitr 13(2-3):265-284

1967 410 Z753

Cicadidae, Laboratory equipment, Methodology, Research, Stridulation.

THE NYMPHAL INSTARS OF FOUR LACE BUGS FROM CZECHOSLOVAKIA. (HETEROPTERA, TINGIDAE).

J M Stusak

Acta Ent Bohemoslov 59(2):111-123

20 Apr 1962 420 C33

Insect identification, Insect physiology, Insect taxonomy, Nymphs, Tingidae. Czech summary.

4605-69

SINGLE UNIT ACTIVITY IN THE VISUAL PATHWAY OF THE BUTTERFLY PATHWAY OF HELICONIUS ERATO. THE BUTTERFLY

S L Swihart

J Insect Physiol 14(11):1589-1601 REF

Nov 1968 421 J825

Heliconius erato, Insect behavior, Insect physiology, Nervous system, Nymphalidae, Secretion, Vi-

4606-69

STUDY OF THE CORPUS ALLATUM IN LIV-ING LARVAE OF THE BLOW FLY CAL-LIPHORA ERYTHROCEPHALA MG. (DIP-TERA, CALLIPHORIDAE).

N A Tamarina

Entomol Rev 46(2,APR-JUN):168-173 REF

Jun 1967 421 R322AE

Calliphora vicina, Histology, Insect physiology, Larvae.

4607-69

EFFECT OF HIGH TEMPERATURES ON THE RESISTANCE OF INSECTS TO INFECTIOUS DISEASES.

Y Tanada

J Sericult Sci Jap 36(4):333-340 REF

Aug 1967 425.9 SE6

Dosage, Experimental insects, Heat treatment, Infectious diseases, Insect physiology, Insect vectors, Resistance, Temperature, Virus diseases (plants). Japanese summary.

THE INFLUENCE OF EXTERNAL FACTORS ON THE ANTICIPATED ELIMINATION OF THE DIAPAUSE OF PSYLLA PYRI (HOMOP-TERA: PSYLLIDAE). (FR)

Acad Sci Compt Rend Ser D Sci Nat 264(11, 1ST SEMESTER):1445-1448

pyricola, Temperature.

N Thanh-Xuan

13 Mar 1967 505 P21 Insect diapause, Larvae, Photoperiodism, Psylla

4609-69

THE ACTION OF DIFFERENT TEMPERATURES ON THE DURATION OF POSTEMBRYONIC DEVELOPMENT AND THE DURATION BETWEEN MOLTS IN ADULTS OF SIX SPECIES OF EPIGEOUS AND CAVE COLLEMBOLA, HYPOGASTRURIDAE. (FR)

J M Thibaud

Acad Sci Compt Rend Ser D Sci Nat 266(3, 1ST SEMESTER):256-258

15 Jan 1968 505 P21

Collembola, Development, Insect physiology, Metamorphosis, Temperature.

4610-69

AN EPIDEMIC OF ENTOMOPHTHORA AMONG SYRPHID FLIES OF THE REGION OF GENEVA. (FR)

G Turian

Entomophaga Mem Hors Ser (2):143-147 1964 421 EN835M

Empusa, Entomogenous fungi, Insect diseases, Syrphidae. English summary.

A COMPARATIVE MORPHOLOGICAL STUDY OF THE MALE EXTERNAL GENITALIA OF THE TYPE-SPECIES OF SOME SOUTH AFRICAN NOTODONTIDAE (LEPIDOPTERA).

E Van Den Berg Entomol Soc Southern Afr J 31(2):265-289

Sep 1968 420 EN86 Insect physiology, Notodontidae, Reproductive organs.

4612-69

PRACTICAL PRACTICAL APPLICATION OF BACILLUS THURINGIENSIS. (GE)

J Vankova

Entomophaga Mem Hors Ser (2):271-291 REF 1964 421 EN835M

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4613-69

Bacillus thuringiensis, Biological assay, Biological control (insects), Biological products, Insect diseases, Lepidoptera, Pieris brassicae, Tables (data), Vegetables. English summary.

ELECTRON MICROSCOPE STUDY OF THE VIRUS OF THE GRANULOSIS OF THE FALL WEBWORM (HYPHANTRIA CUNEA DRURY).

L Vasiljevic

Entomophaga Mem Hors Ser (2):383-391 REF 1964 421 EN835M

Caterpillars, Electron microscopy, Granuloses, Hyphantria cunea, Insect diseases, Polyhedroses. English summary.

4614-69

VIRUS MULTIPLICATION. (FR)

L Vasiljevic

Entomophaga Mem Hors Ser (2):407-416 REF 1964 421 EN835M

Biological control (insects), Insect diseases, Reproduction, Virology, Viruses. English summarv.

4615-69

OBSERVATIONS ON THE MORPHO-BIOLOGY OF PNIGALIO MEDITERRANEUS FERR. AND DEL. (HYM. EULOPHIDAE). (IT)

G Viggiani

Entomophaga 8(3):191-198 REF

1963 421 EN835

Dacus oleae, Eulophidae, Insect biology, Insect morphology, Insect pests, Parasitic insects, Pnigalio mediterraneus, Zoogeography. English summary.

BIOLOGY OF GYNAIKOTHRIPS KARNYI BAGNALL, THE MARGINAL GALL FORMING THRIPS OF PEPPER.

A Visalakshi K V Joseph

Agr Res J Kerala 5(1/2,MAR-SEP):79-81 1967 22 AG823

Gall-making insects, Gynaikothrips karnyi, India, Insect biology, Insect pests, Piper nigrum, Predaceous insects.

EFFECT OF SOME DISINFECTANTS ON THE FLACHERIE VIRUS OF THE SILKWORM, BOMBYX MORI L. (JA)

M Watanabe T Funada A Kubota T Kawakami K Aizawa S Kita

J Sericult Sci Jap 37(3):213-218

Jun 1968 425.9 SE6

Antiseptics, Biochemistry, Bombyx mori, Calcium hypochlorite, Flacherie, Formal Hydrochloric acid, Insect diseases, Viruses. Formaldehyde,

AN AUTORADIOGRAPHIC STUDY OF INVERTEBRATE UPTAKE OF DDT-CL36.

E J Webster

Ohio J Sci 67(5):300-307

Sep 1967 410 OH3

Aquatic animals, Autoradiography, Chlorinated hydrocarbons, Chlorine, DDT, Drying, Invertebrates, Reproductive organs, Tissues.

4619-69

HONEY BEE RECRUITMENT TO FOOD SOURCES: OLFACTION OR LANGUAGE.

A M Wenner P H Wells D L Johnson Science 164(3875):84-86 REF

04 Apr 1969 470 SCI2

Apis mellifera, Food supply, Insect behavior, Insect physiology, Olfactory responses, Secretion, Smell.

THE INFECTION OF IMMATURE AQUATIC INSECTS BY LARVAL PARAGORDIUS (NEMATOMORPHA).

D A White

Great Basin Natur 29(1):44

28 Mar 1969 410 G79

Aquatic insects, Insect nematodes, Larvae, Nematomorpha, Surveys.

4621-69

CATERPILLAR SIZE AND THE DOSAGE OF BACILLUS THURINGIENSIS PREPARATIONS. (GE)

H Wiegand

Entomophaga 8(1):35-41

1963 421 EN835

Bacillus thuringiensis, Caterpillars, Dosage, Endotoxins, Regression analysis, Tables (data). English summary.

4622-69

RESULTS OF FIELD EXPERIMENTS CARRIED OUT IN 1954 AND 1955 IN SWITZERLAND CONCERNING THE MICROBIAL CONTROL OF THE LARVAE OF MELOLONTHA MELOLONTHA L. (GE)

H Wille T Wiken P Bovey Entomophaga 7(2):161-174 REF

1962 421 EN835

Bacteria, Beauveria, Biological control (insects), Entomogenous fungi, Insect diseases, Melolontha melolontha. English summary.

4623-69

PHYSIOLOGICAL RESPONSES OF INSECTS TO NICOTINE.

R S H Yang F E Guthrie

Entomol Soc Amer Ann 62(1):141-146 REF

15 Jan 1969 420 EN82

Bombyx mori, Hemolymph, Hydrogen-ion concentration, Insect adaptation, Insect physiology, Manduca sexta, Nervous system, Nicotine, Permeability, Tolerances.

4624-69

ELECTROPHYSIOLOGICAL STUDY OF CONTACT CHEMORECEPTORS IN BLOODSUCKING DIPTERA.

Yu A Yelizarov Ye Kh Zolotarev Ye Ye

Sinitsyna

Entomol Rev 46(2,APR-JUN):162-167 REF Jun 1967 421 R322AE

Chemoreceptors, Electrophysiology, physiology, Stomoxys calcitrans, Tabanus. Insect

4625-69

RESPONSE OF SOME STORED-PRODUCT INSECTS TO TROGODERMA GRANARIUM PHEROMONES.

U Yinon A Shulov

Entomol Soc Amer Ann 62(1):172-175

15 Jan 1969 420 EN82

Callosobruchus maculatus, Dermestes maculatus, Insect behavior, Insect breeding, Insect physiology, Insect repellents, Lasioderma serricorne, Oryzaephilus surinamensis, Pheromones, Sex attractants, Sitophilus oryzae, Statistical analysis, Stored product insects, Tenebrio molitor, Tribolium castaneum, Trogoderma granarium.

ESTERASE AND PHOSPHATASE POLYMOR-PHISM IN NATURAL POPULATION OF WILD SILKWORM, THEOPHILA MANDARINA L. (JA

N Yoshitake

J Sericult Sci Jap 37(3):195-200 REF

Jun 1968 425.9 SE6

Biochemistry, Esterases, Insect physiology, Phosphatases, Polymorphism, Population, Theophila mandarina.

GENETICS

4627-69

CHANGES OF DNA REPLICATION BEHAVIOR ASSOCIATED WITH INTRAGENIC CHANGES OF THE WHITE REGION IN DROSOPHILA MELANOGASTER.

L Arcos-Teran W Beermann Chromosoma 25(4):377-391

05 Dec 1968 442.8 C46

Autoradiography, Chromosomes, Cytogenetics, Deoxyribonucleic acid, Drosophila melanogaster, Genes, Insect biochemistry, Insect genetics.

4628-69

A SPECIFIC CHROMOSOME ELEMENT, THE TELOMERE OF DROSOPHILA POLYTENE CHROMOSOMES.

H D Berendes G F Meyer

Chromosoma 25(2):184-197 REF

08 Oct 1968 442.8 C46

Chromosomes, Cytogenetics, Drosophila hydei, Insect genetics, Salivary glands.

DROSOPHILA DEOXYRIBONUCLEASES. I VARIATION OF DEOXYRIBONUCLEASES IN DROSOPHILA MELANOGASTER.

J B Boyd

Biochim Biophys Acta Enzymol 171(1):103-112 REF

07 Jan 1969 381 B522

Deoxyribonucleases, Drosophila melanogaster, Electrophoresis, Enzymes, Escherichia coli, Fractionation, Insect genetics, Insect morphology.

4630-69

ON THE STRUCTURE OF THE SALIVARY CHROMOSOMES OF BILOBELLA MASSOUDI CASSAGNAU (COLLEMBOLA: NEANURIDAE). (FR)

P Cassagnau

Chromosoma 24(1):42-58

11 Apr 1968 442.8 C46

Chromosomes, Collembola, Cytogenetics, Insect genetics, Salivary glands. English and German abstracts.

EXTRA REPLICATIONS IN THE DNA-PUFFS OF SCIARA COPROPHILA.
H V Crouse H G Keyl

Chromosoma 25(3):357-364 REF

05 Nov 1968 442.8 C46

Chromosomes, Cytogenetics, Deoxyribonucleic acid, Insect genetics, Larvae, Sciara coprophila.

THE SALIVARY GLAND CHROMOSOMES OF THE MOSQUITO CULEX PIPIENS. I. THE NORMAL CHROMOSOME COMPLEMENT. (GE)

L Dennhofer

Chromosoma 25(3):365-376 REF

05 Nov 1968 442.8 C46

Chromosomes, Culex pipiens, Cytogenetics, Insect genetics, Salivary glands. English abstract.

4633-69

DNA SYNTHESIS IN THE NEO-X NEO-Y SEX DETERMINATION SYSTEM OF DICHROPLUS BERGI (ORTHOPTERA: ACRIDIDAE).

M O Diaz F A Saez

Chromosoma 24(1):10-16 11 Apr 1968 442.8 C46

Acrididae, Autoradiography, Cytogenetics, Deoxyribonucleic acid, Insect genetics, Sex determination, Synthesis, Thymidine.

4634-69

CELLULAR DEGENERATION IN THE PRODUCTION OF SOME MUTANT PHENOTYPES IN DROSOPHILA MELANOGASTER.

D Fristrom

Z Vererbungslehre 103(4):363-379 REF

18 Mar 1969 442.8 Z34

Drosophila melanogaster, Insect cytology, Insect genetics, Mutations.

4635-69

THE INFLUENCE OF THE GENOTYPE ON THE FREQUENCY OF RADIATIONINDUCED ANEUPLOIDY IN THE OOGENESIS OF DROSOPHILA MELANOGASTER. V. A TENTATIVE EXPLANATION OF THE DIFFERENCES IN THE DOSE-RESPONSE CURVES. (RUS)

N V Glotoff

Genetika 4(7):24-29 1968 OH431.A1G4

Dosage, Drosophila melanogaster, Genotypes, Insect genetics, Irradiation, Oogenesis, Polyploidy. English summary.

SEASONAL CHANGES IN THE DIRECTION OF MATING IN DROSOPHILA MELANOGASTER IN THE EXPERIMENTS WITH A NATURAL INVERSION. (RUS

A I Grossman M B Evgenev Genetika 4(7):54-59 REF

1968 QH431.A1G4 Breeding, Chrom

Breeding, Chromosomes, Drosophila melanogaster, Insect genetics, Reproduction, Weather. English summary.

4637-69

TRANSDETERMINATION IN CELLS.

E Hadorn

Sci Amer 219(5):110-114,116,118,120

Nov 1968 470 SCI25

Cells, Drosophila melanogaster, Embryos, Insect abnormalities, Insect breeding, Insect genetics, Insect morphology, Larvae, Metamorphosis.

4638-69

PARALLEL POLYMORPHISM FOR SUPERNU-MERARY SEGMENTS IN CHORTHIPPUS PARALLELUS (ZETTERSTEDT). I. BRITISH POPULATIONS.

G M Hewitt B John

Chromosoma 25(3):319-342 MAP REF

05 Nov 1968 442.8 C46

Chorthippus parallelus, Insect genetics, Insect morphology, Polymorphism, Population, Zoogeography.

4639-69

INCORPORATION OF TRITIUM-ACETAMIDE AND TRITIUM-THYMIDINE INTO THE EYE DISKS OF DROSOPHILA MELANOGASTER.

Y Hirose S Kaji

Proc Jap Acad 44(5):363-368

May 1968 513 T576

Acetamide, Autoradiography, Cells, Deoxyribonucleic acid, Drosophila melanogaster, Eyes, Insect metabolism, Insect physiology, Larvae, Mutation, Thymidine, Tissues, Tritium, Viscera.

4640-69

PATTERNS AND PATHWAYS OF CHROMOSOME EVOLUTION WITHIN THE ORTHOPTERA.

B John G M Hewitt

Chromosoma 25(1):40-74 REF

18 Sep 1968 442.8 C46

Chromosomes, Cytogenetics, Insect evolution, Insect genetics, Orthoptera.

4641-69

CYTOLOGICAL STUDIES OF ANTIPODEAN TELEOGRYLLUS SPECIES AND THEIR HYBRIDS (ORTHOPTERA: GRYLLIDAE).

H Lim V R Vickery D K M Kevan

Can J Zool 47(2):189-196 REF

Mar 1969 470 C16D

Chromosomes, Cytology, Gryllidae, Insect breeding, Insect genetics, Morphology, Polymorphism, Teleogryllus commodus.

4642-69

TRITIUM LABELLING AND CYTOCHEMISTRY OF EXTRA DNA IN ACHETA.

A Lima-de-Faria B Nilsson D Cave A Puga H Jaworska

Chromosoma 25(1):1-20 REF

18 Sep 1968 442.8 C46

Acheta domesticus, Cytogenetics, Deoxyribonucleic acid, Development, Insect genetics, Oogenesis, Radioactive tracers, Synthesis.

4643-69

THE KARYOTYPE OF SOME AUSTRALIAN SPECIES OF MACROPATHINAE (GRYLLACRIDOIDEA--RHAPHIDOPHORIDAE).

A Mesa A Ferreira R S de Mesa

Chromosoma 24(4):456-466 MAP REF

14 Aug 1968 442.8 C46

Cytogenetics, Insect genetics, Sex determination, Tettigoniidae.

4644-69

SYNAPSIS AND CROSSING OVER WITHIN A PARACENTRIC INVERSION IN THE GRASSHOPPER, CAMNULA PELLUCIDA.

Chromosoma 25(2):198-214 REF

08 Oct 1968 442.8 C46

Acrididae, Camnula pellucida, Chromosomes, Cytogenetics, Insect genetics.

4645-69

A YELLOW MUTANT STRAIN OF THE LARGE MILKWEED BUG, ONCOPELTUS FASCIATUS, THAT LACKS ERYTHROPTERIN.

E E Smissman J P R Orme

Entomol Soc Amer Ann 62(1):246

15 Jan 1969 420 EN82

Biosynthesis, Chromatography, Insect genetics, Insect mutation, Lygaeidae, Melanosis, Oncopeltus fasciatus, Pteridine.

4646-69

UNSTABLE MULTILUNAR MODIFYING GENES IN THE SILKWORM, BOMBYX MORI. III.

Y Tanaka

Proc Jap Acad 44(5):400-404 REF

May 1968 513 T576

Bombyx mori, Genes, Humidity, Insect abnormalities, Insect breeding, Insect genetics, Light, Mutation, Temperature.

4647-69

EXPERIMENTAL INDUCTION OF ANDROGENESIS, GYNOGENESIS, AND POLYPLOIDY IN BOMBYX MORI BY TREATMENT WITH CO2 GAS.

Y Tazima A Onuma

J Sericult Sci Jap 36(4):286-292 REF

Aug 1967 425.9 SE6

Amitosis, Bombyx mori, Carbon dioxide, Chemical control (insects), Insect eggs, Insect genetics, Parthenogenesis, Polyploidy. Japanese summary.

4648-69

CHROMOSOME NUMBERS OF SOME CENTRAL EUROPEAN CERAMBYCIDAE. II. (GE)

H Teppner

Chromosoma 25(2):141-151

08 Oct 1968 442.8 C46

Cerambycidae, Chromosomes, Insect genetics, Meiosis, Spermatocytes, Surveys. English abstract.

4649-69

SEX CHROMATIN IN LEPIDOPTERA. (GE)

W Traut G C Mosbacher

Chromosoma 25(3):343-356 REF

05 Nov 1968 442.8 C46

Chromatin, Cytogenetics, Insect genetics, Lepidoptera, Sex determination. English abstract.

4650-69

BARRIERS TO GENE FLOW IN NATURAL POPULATIONS OF GRASSHOPPERS. I. THE BLACK CANYON OF THE GUNNISON RIVER AND ARPHIA CONSPERSA.

R B Willey R L Willey Psyche 74(1):42-57 MAP

Mar 1967 421 P95

Color, Genes, Grasshoppers, Heredity, Insect behavior, Insect genetics, Polymorphism, Population, Wings (insects).

MEDICAL ENTOMOLOGY

4651-69

LAELIUS UTILIS COCKERELL (HYMENOPTERA: BETHYLIDAE) STINGING A CHILD AT LONDON, ONTARIO.

W W Judd

Entomol News (philadelphia) 71(4):104

Apr 1960 421 EN88

Bethylidae, Insect identification, Insect pests, Laelius utilis, Stinging.

CROP PROTECTION

4652-69

FERTILIZATION OF SEMI-MATURE STANDS IN NEWFOUNDLAND.

Can Dep Forest Forest Prod Res Br Res News 11(6,NOV-DEC).

1968 99.9 C1625F

Aerial fertilizing, Fertilization (plants), Foliage, Forest appraisal, Forestry business economics, Forests, Nitrogen, Soil analysis, Stand increment estimates, Tree increment measurement.

4653-69

THE STATUS OF PAPAYA BREEDING IN LA MOLINA, PERU. (SP)

J C Benza V B Carrasco J B Rodriguez Agron Trop 17(4,OCT-DEC):381-389 REF 1967 26 AG87

Papayas, Plant breeding, Plant nematodes. English summary. Nematode-resistance program initiated.

4654-69

BREEDING WORK FOR THE CREATION OF GLANDLESS COTTON VARIETIES IN CHAD. (FR)

M Buffet J Gouthiere J B Roux Coton Fibres Trop 22(4):463-472

Dec 1967 73.8 C82

Angular leafspot, Cotton, Crop varieties, Diparopsis, Glands (plants), Gossypol, Insect pests, Plant breeding, Plant disease resistance, Plant genetics, Plant pest resistance, Podagrica. English and Spanish summaries.

4655-69

DIAZINON AGAINST PLANT PESTS. (FR)

A Bugiani S Della Pieta R Brandazza Notiz Mal Piante (SER 3)(3/4):217-252 REF 1967 464.8 N84

Chemical control (pests), Diazinon, Insecticides, Nematodes, Organic compounds, Parasitism, Soil insects. English and Italian summaries.

4656-69

RESEARCH POSSIBILITIES AND THE IMPROVEMENT OF THE CARNATION CULTIVATED AS A CUT FLOWER. (FR)

C Buys P Poortmans M Rudelle

Notiz Mal Piante (SER 3)(3/4):75-84 REF 1967 464.8 N84

Crop varieties, Crop yields, Culture media, Dianthus caryophyllus, Greenhouse culture, Plant breeding, Plant disease control, Plant physiology. English and Italian summaries.

4657-69

MORPHOLOGY AND MODE OF GERMINA-TION OF CONIDIA OF HELMINTHOSPORIUM ORYZAE IN RELATION TO ITS TAXONOMY.

S B Chattopadhyay M K Dasgupta Indian J Mycol Res 4(112):54-57 REF 1966 450 IN29

Conidia, Helminthosporium oryzae, Plant morphology, Plant taxonomy, Spore germination.

4658.69

PRESERVATIVE TREATMENTS AND SERVICE LIFE OF FENCE POSTS IN PUERTO RICO.

M Chudnoff R S Boone E Goytia US Forest Serv Res PaperiTF (4):31P REF Nov 1967 A99.9 F7637

Creosote, Fungi, Lumber preservatives, Pentachlorophenol, Pest control, Research, Tables (data), Termites, Wood decay, Wood properties.

1650.60

IRRIGATION BY SPRAYING. (FR)

J D'At de Saint-Foulic

232P REF PARIS, EDITIONS EYROLLES 1967 \$613.A8

Economics, Equipment, Irrigation, Plant water relations, Soil moisture, Spraying, Water consumptive use.

4660-69

THE IMPORTANT FOREST PESTS OF SPAIN.

O Eichhorn

CROP PROTECTION

4661-69

Anz Schadlingskunde 40(9):132-138 REF Sep 1967 421 AN9

Forest conservation, Fungus diseases (plants), Insect pests, Pinus, Populus, Quercus, Tree diseases. English summary. mentions many insects, fungi, diseases of Spanish forests.

4661-69

BIBLIOGRAPHY OF BIOLOGICAL CONTROL. VIII.

J M Franz W Laux

Entomophaga 8(4):263-321 REF

1963 421 EN835

Arthropoda, Bibliography, Biological control (pests), Indexes, Weeds. Introduction is in English, German and French.

RHIZOSPHERE ROOT EXUDATES AND THEIR EFFECT ON MICROBIAL ACTIVITY.

V Iswaran

Indian Agr Res Inst J Post-Grad School 5(2):212-218 REF

Dec 1967 22 IN2262

Amino acids, Biological control (plant diseases), Biosynthesis, Exudates, Metabolites, Microorganisms, Plant nutrition, Plant physiology, Rhizosphere, Root hairs, Saprophytes, Soil erosion, Soil microorganisms, Soil properties, Tables (data).

RED ROT IN RESIDUAL PONDEROSA PINE STANDS ON THE NAVAJO INDIAN RESERVA-

P C Lightle S R Andrews

US Forest Serv Rocky Mount Forest Range Exp Sta Pap RM (37):12P 1968 A99.9 F7632U

Aging, Labeling, Pinus ponderosa, Plant hardiness, Red rot, Research, Stand density, Tables (data), Tree diseases.

CULTIVATION OF THE SAPOGENIN-BEAR-ING DIOSCOREA SPECIES.

F W Martin M H Gaskins USDA Prod Res Rep (103):19P REF

Sep 1968 A281.9 AG8

Breeding, Crop varieties, Drug plants, Economics, Insect pests, Plant diseases, Plant hardiness, Plant physiology, Planting, Seedlings, Steroids, Tillage, Yams.

4665-69

ANNUAL REPORT OF THE DEPARTMENT OF AGRICULTURE FOR THE YEAR 1962/63. (II). 157P MAP REF ZOMBA, MALAWI,

GOVERNMENT PRINTER

1965 24 N98A

Agricultural economics, Agricultural industries, Agricultural statistics, Chemical control (weeds), Crop rotation, Crops, Ecology, Entomology, Experiment stations, Irrigation, Pest control, Soil structure. Discussion of a variety of crops.

4666-69

ZOOSPORE IN PHYTO PARASITICA VAR. SUBDARIFFAE. **ZOOSPORE PHYTOPHTHORA**

N Mukherjee

Indian J Mycol Res 4(112):61-65 REF

1966 450 IN29

Phytophthora parasitica, Plant physiology, Spore germination, Temperature, Zoospores.

OCCURRENCE OF ANTIBACTERIAL AND ANTIFUNGAL ACTINOMYCETES IN CULTIVATED SOILS OF WEST BENGAL.

S Mukhopadhyay

Indian J Mycol Res 4(112):66-68

1966 450 IN29

Actinomycetes, Antibiosis, Bacteria, Fungi, Soil microorganisms.

4668-69

PAPAYA BREEDING IN HAWAII.

H Y Nakasone

Agron Trop 17(4,OCT-DEC):391-399 1967 26 AG87

BIBLIOGRAPHY

Papayas, Plant breeding, Plant diseases. Diseases one of many problems noted. spanish summary.

CHANGES IN FUNGI WITH AGE. IV. ROLE OF COENZYMES IN THE RESPIRATORY DECREASES IN RHIZOCTONIA SOLANI AND SCLEROTIUM BATATICOLA.

G Nicolas D Gottlieb

J Gerontol 23(4):544-550 REF

Oct 1968 447.8 J824

Aging, Cells, Coenzymes, Fungi, Growth factors, Respiratory system, Rhizoctonia solani, Sclerotium bataticola, Tables (data).

PLANT PROTECTION IN AGRICULTURE. (GE

H-W Nolte

140P REF BERLIN, AKADEMIE VERLAG 1967 SB731.N6

Agriculture, Crop losses, Crops, Fungus diseases (plants), Plant injuries, Plant nematodes, Plant pests, Plant protection, Virus diseases (plants).

NOTES ON INSECT AND GASTROPODE DAMAGE TO ENCLOSED COTTON PLANTATIONS. (FR)

G Pierrard

Coton Fibres Trop 22(4):437-438

Dec 1967 73.8 C82

Aphididae, Cicadellidae, Cotton, Gastropoda, Insect cages, Insect pests, Plantations, Prodenia litura, Pseudococcus, Synthetic fibers. English and Spanish summaries.

THE EFFECTS OF SOIL STERILIZATION PROCEDURES ON THE MICROBIOLOGICAL EQUILIBRIUM OF THE SOIL. (FR)

Notiz Mal Piante (SER 3)(314):85-92

1967 464.8 N84

Antiseptics, Biocenosis, Fumigants, Fungi, Microbiology, Population, Soil microorganisms, Soil sterilization. English and Italian summaries.

4673-69

PLANT GROWTH **PROMOTING** METABOLITES METABOLITES OF SCLEROTINIA SCLEROTIORUM (II) THE SYNTHESIS OF SCLEROTININ B.

T Sassa H Aoki K Munakata

Tetrahedron Lett (54):5703-5705

Nov 1968 385 T29

Chemical reactions, Fungi, Metabolites, Plant growth regulator, Plant physiology, Rice, growth regulator, Plant physiology, Rice Sclerotinia sclerotiorum, Spectroscopy, Synthesis.

FAIRWAY DISEASE CONTROL.

R E Scobee

Midwest Reg Turf Conf Proc 1968 MEETING:27-

04 Mar 1968 60.19 M58

Curvularia, Helminthosporium, Leaf blight, Leaf spot, Melting out, Plant disease control, Plant diseases, Sclerotinia, Turf, Weed control.

MOSQUITO POLLINATION OF HABENARIA OBTUSATA (ORCHIDACEAE).

Amer J Bot 56(2):232-237 REF

Feb 1969 450 AM36

Insect cages, Insect Orchidaceae, Plant morphology, Pollination.

BASIS FOR A PROGRAM OF PAPAYA, CAR-ICA PAPAYA L., IMPROVMENT IN COLOM-BIA. (SP)

R Torres D Rios Castano

Agron Trop 17(4,OCT-DEC):353-359

1967 26 AG87

Papayas, Plant breeding, Virus diseases (plants). English summary.

4677-69

THE USE OF GROWTH PROMOTERS TO INCREASE POTATO YIELDS. (RUS A S Vecher M N Masny V N Reshetnikov A S

Snyatkov

Sel'skokhozyast Biol 3(4):609-611

1968 S13.S44

Crop yields, Growth factors, Plant physiology, Plant regulators, Potatoes, Tables (data).

EXPERIMENTAL HUSBANDRY FARM EXPERIENCE WITH HERBICIDES AND TILLAGE SYSTEMS FOR CEREAL GROWING.

Great Brit NAAS (nat Agr Adv Serv) Quart Rev (80,SUMMER):154-160

1968 241 G796

Crop yields, Economics, Farm management, Grain, Herbicides, Insect pests, Plant diseases, Soil properties, Tillage, Weeds.

DISEASES

4679-69

PESSIMISM OVER CROP DISEASES.

Farmer Stockbreeder 82(4123):20

17 Dec 1968 10 F228

Agricultural outlook, Conferences, Grain, Legislation, Plant diseases, Septoria, Soil-borne plant diseases, Stripe rust, Yellow dwarf.

ROLE OF POTASH APPLICATION IN REDUCING BLACK RUST OF WHEAT.

S C Agrawal S P Singh K P Gupta Indian J Agron 13(2):99-102

Jun 1968 22 IN235

Black rust, Chemical control (plant diseases), Fertilizers, Fungus diseases (plants), Potash, Potassium, Puccinia graminis tritici, Wheat.

CRYPTOGAMA DISEASES OF THE ROOT SYSTEM. PREVENTION AND CONTROL. (IT)

P Alghisi Notiz Mal Piante (SER 3)(3/4):45-66 REF 1967 464.8 N84

Cryptogamia, Cultural control (plant diseases), Fungus diseases (plants), Microorganisms, Population, Roots, Soil fungi. English summary.

NEW FUNGICIDE PROMISES EFFECTIVE AND ECONOMICAL PLANT DISEASE CON-TROL.

Anonymous

Orchardist New Zealand 41(8):265

Sep 1968 80 OR19

Agricultural economics, Bananas, Benlate, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Fusarium, Rhizoctonia solani, Verticillium albo-atrum.

4683-69

CO-OPERATIVE BANANA PESTS. **SPRAYING AGAINST**

Anonymous

Kenya Farmer (141):22

Apr 1968 24 R812

Bananas, Fungus diseases (plants), Fusarium oxysporum, Mycosphaerella musicola, Plant protection, Spraying.

4684-69

NEW FUNGICIDE FOR POTATO BLIGHT.

Anonymous

Aerial Appl 6(8):6 Aug 1968 333.8 AE8

Aerial spraying, Blight, Chemical control (plant diseases), Dosage, Fungicides, Fungus diseases (plants), Potatoes, Toxins, Triphenyltin hydroxide.

4685-69

THE EFFECT OF 3-AMINO-1,2,4-TRIAZOLE ON THE ULTRASTRUCTURE OF PLASTIDS OF TRITICUM VULGARE SEEDLINGS.

P C Bartels T E Weier Amer J Bot 56(1):1-7 REF Jan 1968 450 AM36

Amino-1,2,4-thiazole, 3-, Chlorosis, Light, Plant anatomy, Plant diseases, Plastids, Seed germination, Tissues, Wheat.

THE ACTION OF FORMAMIDE ON TURNIP YELLOW MOSAIC VIRUS: OBTAINING ARTIFICIAL CAPSIDS. (FR)

J P Bouley L Hirth

Acad Sci Compt Rend Ser D Sci Nat 266(4, 1ST SEMESTER):430-433

22 Jan 1968 505 P21

Formamide, Mosaic, Plant biochemistry Ribonucleic acid, Turnips, Virus diseases (plants). biochemistry,

DIAGNOSES OF PEAR DECLINE AND ROOT-STOCK IDENTIFICATION IN YOUNG PEAR ORCHARDS.

Catlin A A Millecan Calif Agr 21(7):10-11 Jul 1967 100 C12CAG

Chromatography, Decline, Phloem, Roots, Tree diseases. Diagnosis, Pears,

4688-69

PHYSIOLOGICAL STUDIES ON INCITANTS OF GUAVA WILT FUSARIUM SOLANI (MART.) APP. AND WR. EMEND SNYDER AND HANSEN AND MACROPHOMINA PHASEOLI (MAUBL.) ASHBY.

S B Chattopadhyay S K Bhattacharyya Indian J Mycol Res 4(112):22-31 REF

1966 450 IN29

Fungus cultures, Fungus diseases (plants), Fusari-um solani, Guavas, Macrophomina phaseoli, Plant physiology, Wilt.

HOST RANGE OF XANTHOMONAS ORYZAE IN THE PHILIPPINES.

S C Dalmacio O R Exconde Philippine Agr 51(4):283-289

Sep 1967 25 P542

Bacterial leaf blight, Plant hosts, Rice, Xanthomonas.

4690-69

THE RECIPROCAL RELATIONSHIPS IN MIXED CULTURES OF ENTOMOPHAGOUS FUNGI AND THE EFFECT OF SOME HYPHOMYCETES ON THEIR GROWTH. (GE)

Entomophaga Mem Hors Ser (2):159-161

1964 421 EN835M

Beauveria, Entomogenous fungi, Moniliales, Paecilomyces, Plant physiology, Soil fungi. French summary.

4691-69 WHEAT.

W E H Fiddian

Great Brit Min Agr Fish Food Agr 75(9):410-412 Sep 1968 10 G79J

Economics, Eyespot, Genetics, Mildew, Plant disease control, Plant disease resistance, Plant proteins, Stripe rust, Wheat.

EFFICIENCY OF SOME FUNGICIDES IN THE DISINFECTION OF THE CARNATION ROOTS. (IT)

A Garibaldi

Notiz Mal Piante (SER 3)(3/4):135-139

1967 464.8 N84

Captan, Chemical control (plant diseases), Dianthus caryophyllus, Dosage, Fungicides, Fungus diseases (plants), Fusarium roseum, Plant cuttings, Roots, Thiram. English summary.

THE RESISTANCE OF FX AND IAN RUBBER CLONES TO LEAF DISEASES IN BRAZIL.

J R Goncalves

Trop Agr &st Augustine & 45(4):331-336 Oct 1968 26 T754

Crop varieties, Dothidella ulei, Fungus diseases (plants), Leaves, Phytophthora palmivora, Plant disease resistance, Rubber.

SEED CONTAMINATION IN TRANSMISSION OF HALO BLIGHT IN BEANS.

R G Grogan K A Kimble Calif Agr 1(7):3-4

Jul 1967 100 C12CAG

Beans, Halo blight, Pseudomonas phaseolicola, Seed-borne plant diseases, Seeds.

NEEDED: A MIRACLE METHOD FOR SOIL BORNE DISEASE CONTROL.

W Horne

Farm Chem 131(9):60

Sep 1968 57.8 AM3

Chemical control (pests), Crop losses, Disease control, Pesticides, Plant diseases, Research, Soil analysis, Soil microorganisms, Soil-borne plant dis-

4696-69

INTER-SPECIES AND INTER-GENERA CROSSES IN CARICACEAS AND THEIR PHYTOTECHNICAL IMPLICATIONS. (SP)

S Horovitz H Jimenez

Agron Trop 17(4,OCT-DEC):323-343 REF 1967 26 AG87

Caricaceae, Papayas, Plant breeding, Plant disease resistance, Ring spot, Virus diseases (plants). English summary.

THE PROBLEM OF THE POTATO BLACKLEG DISEASE. (GE)

W Hunnius

Kartofelbau 19(4):106,108-109

Apr 1968 75.8 K145

Bacterial diseases (plants), Blackleg, Erwinia, Infectious diseases, Parasitism, Plant injuries, Plant protection, Potatoes, Storage, Symptomatology.

4698-69

1967 FIELD TRIALS ON CONTROL OF COFFEE BERRY DISEASE IN KENYA. I.-V.

P A Huxley J A Collins D M Fordyce M N Shaw E Griffiths B H Vine G H Freeman

Kenya Coffee 33(390):225-241

Jul 1968 68.29 C652

Coffee, Coffee berry disease, Colletotrichum coffeanum, Difolatan, Dosage, Fungicides, Fungus diseases (plants), Leaf rust, Plant protection, Research.

DISEASE CONTROL IN ORCHARDS. NONBEARING

B F Janson

Eastern Fruit Grower 30(10):4

Feb 1968 80 EA73

Apples, Canker, Captan, Cherries, Dinocap, Dodine, Fruit trees, Fungicides, Leaf curl, Leaf spot, Orchards, Peaches, Pears, Plant disease resistance, Plums, Powdery mildew, Scab, Spraying, Streptomycin, Sulfur.

4700-69

BLACK SPOT OF APPLE.

P T Jenkins

Victorian Hort Dig 11(3,SEP-NOV):2-4 1967 80 V662

Apples, Black spot, Chemical control (weeds), Fruit, Fungus diseases (plants), Plant physiology, Spraying, Venturia inaequalis.

THE ACTION OF UREA ON TURNIP YELLOW MOSAIC VIRUS. THE PROPERTIES OF RNA OBTAINED AT THE TIME OF ARTIFICIAL CAPSID FORMATION. (FR)

G Jonard D Ralijaona L Hirth

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2694-2697

05 Jun 1967 505 P21

Mosaic, Plant biochemistry, Ribonucleic acid, Turnips, Urea, Virus diseases (plants).

FORM AND MECHANISM OF TRANSMISSION OF PLANT VIRUSES. TRANSMISSION OF VIRUSES BY SEEDS, POLLEN AND CONTACT OF ROOTS. (GE)

L Kunze

Berlin Biol Bundesanst Land-forstwirtsch Mitt (128):56-62 REF

Jul 1968 410.9 G31M

Beans, Cuscuta, Longidorus elongatus, Mazzard cherries, Plant disease transmission, Pollen, Roots, Seed-borne plant diseases, Virus diseases (plants).

STUDIES ON PHYLLOSTICTA BLIGHT OF RICE.

N J Kurian L Moniz

Pocna Agr Coll Mag 58(2-3,JUN-SEP):55-62 1968 22 P79

Brachiaria mutica, Crop varieties, Fungus diseases (plants), Nomenclature, Oats, Panicum maximum, Phyllosticta, Plant disease resistance, Plant morphology, Plant physiology, Plant taxonomy, Rice, Sorghum, Tables (data)

4704-69

FIRST EVIDENCES OF VIRAL INFECTIONS IN PLANTS. (FR)

C Kurtz-Fritsch L Hirth

Acad Sci Compt Rend Ser D Sci Nat 265(3, 2ND SEMESTER):220-223

17 Jul 1967 505 P21

Mosaic, Plant disease resistance, Tobacco, Turnips, Virus diseases (plants).

THE VIRUSES OF THE BLACK AND RED CUR-RANT. (FR)

B Lantin

Phytoma 20(200, JUL-AUG):25-29 REF 1968 464.8 P563

Aphididae, Currants, Insect vectors, Mosaic, Nematodes, Plant disease transmission, Symptomatology, Vein banding, Virus diseases (plants), Yellows. Several other viruses are briefly mentioned.

4706-69

ANNUAL VARIATION IN PERSISTENCE AND TRANSMISSION OF HYPOMYCES HAE-MATOCOCCUS (BERK. AND BR.) WR. (FR) E Laville

Acad Sci Compt Rend Ser D Sci Nat 264(7, 1ST SEMESTER):904-906

13 Feb 1967 505 P21

Fungi dissemination, Fungus diseases (plants), Fungus physiology, Hypomyces, Plant disease transmission.

THE INFLUENCE OF ILLUMINATION ON THE DEVELOPMENT OF TUMORS CAUSED BY AGROBACTERIUM TUMEFACIENS (SMITH AND TOWN) CONN. ON PEA SEEDLINGS, PISUM SATIVUM L.. (FR)

P Manigault A Kurkdjian

Acad Sci Compt Rend Ser D Sci Nat 264(19, 1ST SEMESTER):2304-2306

08 May 1967 505 P21

Agrobacterium tumefaciens, Bacterial diseases (plants), Crown gall tumors, Light, Pisum sativum, Seedlings.

POLYSOME FORMATION WITH TOBACCO MOSAIC VIRUS RNA. A Marcus B Luginbill J Feeley

Nat Acad Sci Proc 59(4):1243-1250 REF

Apr 1968 500 N21P

Nucleoproteins, Tobacco mosaic virus, Virus diseases (plants), Wheat.

ON THE ROLE OF THE PHENOL CONSTITUENTS IN THE COURSE OF INFECTION OF THE CACAOPODS OF THEOBROMA CACAO L. BY PHYTOPHTHORA PALMIVORA BUTL.. (FR)

M Meiffren J Tanguy

Acad Sci Compt Rend Ser D Sci Nat 265(16, 2ND SEMESTER):1131-1133

16 Oct, 1967 505 P21

Cacao, Fungus diseases (plants), Phenols, Phytophthora palmivora, Plant disease resistance.

STUDIES ON THE APPLICATION OF ELECTROPHORESIS TO THE ISOLATION OF RNA INFECTIVE FRACTIONS FROM TOBACCO PLANTS INFECTED WITH THE POTATO VIRUS X. I. CHARACTERISATION OF RNA PREPARATIONS FROM TOBACCO LEAVES, ANALYSED BY MEANS OF ELECTROPHORESIS IN COLOURED AGAR CELS (POL) SIS IN COLOURED AGAR GELS. (POL.)

K A Miczynski

Acta Agr Silvestria Ser Rolu 7(1):23-77 REF 1967 20.5 AC8

Agar, Electrophoresis, Gels, Leaves, Plant biochemistry, Potatoes, Research, Ribonucleic acid, Tobacco, Virus diseases (plants), Virus X. English and Russian summaries.

COMANDRA BLISTER RUST OF HARD PINES.

J L Mielke R C Krebill H R Powers U S Forest Serv Forest Pest Leafl 62.1-8 Aug 1968 A423.9 F764

Bark, Biological control (plant diseases), Blister Cronartium comandrae, Environment, Epidemiology, Fungus diseases (plants), Pinus.

4712-69

CONTRIBUTION TO THE STUDY OF A PARASITIC COMPLEX WHICH ATTACHES IT-SELF TO THE EXPOSED PARTS OF COTTON PLANTS AND CAUSES THEIR WITHERING.

J Montegut

Coton Fibres Trop 22(4):439-453

Dec 1967 73.8 C82

Cercospora lhuillieri, Cotton, Fungus diseases (plants), Macrophomina phaseoli, Parasitism, Phlyctaena gossypii, Phoma. English and Spanish summaries

THE INHERITANCE OF A NEW SOURCE OF RESISTANCE TO THE POTATO VIRUS Y IN PEPPER (CAPSICUM ANNUUM L.).

A Pahle

Bol Genet (3):23-28

May 1967 QK1.B62

Biological control (plant diseases), Breeding, Genes, Heredity, Mutation, Plant disease resistance, Plant genetics, Redpeppers (vegetable), Tables (data), Virus diseases (plants), Virus Y.

THE LAW OF HOST-PARASITE BALANCE IN THE PROCESS OF PATHOGENESIS AND ITS IMPLICATIONS IN ECOLOGY. (SP)

H Patino C

Agr Trop 24(3):167-171 REF

Mar 1968 26 AG8

Bacterial diseases (plants), Fungus diseases (plants), Host-parasite relations, Phytopathology, Plant ecology.

4715-69

DPA FOR SCALD CONTROL.

I D Peggie

Victorian Hort Dig 11(3:SEP-NOV):11-14 1967 80 V662

Apples, Chemical control (plant diseases), DPA, Fruit, Pesticide application, Plant physiological diseases, Scald, Spraying, Storage diseases, Temperature.

METHYL BROMIDE, TRIZONE AND TELONE PBC COMPARED IN THE CONTROL OF FUSARIUM WILT OF THE GREENHOUSE TO-MATO. (IT

G Perrotta M Salerno

Notiz Mal Piante (SER 3)(3/4):147-153

1967 464.8 N84

Chemical control (plant diseases), Chloropicrin, Dichloropropene, 1,3-, Fungus diseases (plants), Fusarium, Greenhouse culture, Methyl bromide, Propargyl bromide, Tomatoes, Trizone, Wilt. English summary.

4717-69

THE EFFECT OF ROOTSTOCKS ON THE TRANSFORMATION OF SOME FACTORS OF THE PHYSIOLOGICAL IMMUNITY LEAVES OF MILDEW-SUSCEPTIBLE GRAPE VARIETIES. (RUS)

A D Popov

Sel'skokhozyast Biol 3(4):572-575

1968 S13.S44

Crop varieties, Grapes, Horticulture, Leaves, Mildew, Phenolases, Plant pest resistance, Plant physiology, Rootstocks. English summary.

EFFECT OF MIXED SPORE INOCULA OF BOTRYTIS SSP. ON LESION DEVELOPMENT IN THE LEAVES OF BEAN (VICIA FABA L.).

R P Purkayastha

Indian J Mycol Res 4(112):51-53

1966 450 IN29

Botrytis, Broadbeans, Fungus cultures, Fungus diseases (plants), Lesions, Spores.

4719-69

BACTERIAL LEAF SPOT OF CHILLIES IN KERALA STATE.

L Remadevi K I Wilson

Agr Res J Kerala 5(1/2, MAR-SEP):82-83 1967 22 AG823

Bacterial diseases (plants), Bacterial leaf spot, Bush redpeppers (vegetable), Xanthomonas vesicatoria.

THE AMPROLIUM-ETHOPABATE COMBINA-TION. A NEW STAGE IN THE PREVENTION OF AVIAN COCCIDIOSIS. (FR)

Y Renou M Gug A Appert

Corcoricas Monde (JUL-AUG):8-13 REF

1968 47.8 C64

Amprolium, Bacterial diseases (animals), Chickens, Coccidae, Coccidiosis, Drug therapy, Ethopabate, Hydrochloric acid, Poultry diseases, Protozoal vaccines, Turkeys.

SUGAR BEET CROP PROTECTED THROUGH AERIAL APPLICATION.

F Russell

Aerial Appl 6(8):4-5

Aug 1968 333.8 AE8

Aerial spraying, Cercospora beticola, Chemical control (plant diseases), Copper sulfate, Crop yields, Plant protection, Sugar beets.

4722-69

BRONZING DISEASE OF RICE IN ORISSA AS INFLUENCED BY SOIL TYPES AND MANUR-ING AND ITS CONTROL.

B N Sahu

Indian Soc Soil Sci J 16(1):41-54

Mar 1968 56.9 IN2

Bronzing, Chemical control (plant diseases), Fertilizers, Iron, Manganese, Nitrogen, Phosphates, Plant diseases, Potash, Rice, Soil series, Spraying, Toxicity, Urea.

FUSARIUM FOOT ROT OF KENAF (HIBISCUS LANNABINUS L.) IN IRAN. (PE)

G Scharief J Akhavizadegan

Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl (26):1-16 Nov 1967 464.9 P432

Foot rot, Fungicides, Fungus diseases (plants), Fusarium, Hibiscus cannabinus, Phytophthora, Seed treatment, Spraying, Tables (data), Wilt. Article deals with experiments with many fungicides. nine species of fungi seen on kenaf in Iran are men-

4724-69

BACTERIAL BLIGHT ELMIMINATED FROM CALIFORNIA GINS.

W C Schnathorst

Calif Agr 21(12):11

Dec 1967 100 C12CAG

Bacterial diseases (plants), Blight, Cotton gins, Plant contamination, Upland cotton, Xanthomonas malvacearum.

DISINFECTION AND DISINFESTATION OF THE SOIL. PROCEEDINGS OF THE INTERNA-TIONAL CONGRESS ON PLANT DISEASE. SANREMO, 1-4 DECEMBER 1966. (IT)

Notiz Mal Piante (SER 3)(3/4):312P REF

1967 464 8 N84

Conferences, Fungicides, Nematocides, Nematodes, Pest control, Plant diseases, Soil fumigation, Soil sterilization.

THIRAM THINS GRANNY SMITH APPLES.

N Veinbrants

Victorian Hort Dig 11(3:SEP-NOV):18-20

1967 80 V662

Apples, Black spot, Carbaryl, Chemical control (plant diseases), Crop yields, Defoliants, Fungicides, Fungus diseases (plants), Spraying, Thinning (fruit), Thiram.

4727-69

CHEMICAL CONTROL OF SOME IMPORTANT CEREAL PLANT DISEASES IN INDIA.

D Vir

Indian Agr Res Inst J Post-Grad School 5(1):62-66 REF

Jun 1967 22 IN2262

Bacterial diseases (plants), Chemical control (plant diseases), Chemicals, Fungus diseases (plants), Grain, Plant diseases, Plant protection, Virus diseases (plants).

4728-69

FORM AND MECHANISM OF TRANSMISSION OF PLANT VIRUSES. TRANSMISSION OF VIRUSES BY ARTHROPODS. (GE)

H L Weidemann

Berlin Biol Bundesanst Land-forstwirtsch Mitt (128):5-23 REF

Jul 1968 410.9 G31M

Bibliography, Insect vectors, Methodology, Plant disease transmission, Reviews, Virus diseases (plants).

4729-69

FORM AND MECHANISM OF TRANSMISSION OF PLANT VIRUSES. TRANSMISSION OF VIRUSES BY NEMATODES. (GE)

B Weischer

Berlin Biol Bundesanst Land-forstwirtsch Mitt (128):24-38 REF

Jul 1968 410.9 G31M

Bibliography, Host records, Host relationships, Nematode vectors, Plant disease transmission, Reviews, Virus diseases (plants).

FUNGUS DISEASES OF BERMUDAGRASS AND OVERSEEDED COOLSEASON GRASSES ON GOLF GREENS.

H D Wells

Southeast Turfgrass Conf Proc 21:38-41

Apr 1967 60.19 SO86

Cynodon dactylon, Fungus diseases (plants), Golf courses, Grasses, Leaf spot, Plant disease control.

SEVERAL MEASURES USED TO COMBAT FRUIT PLANT VIRUSES.

M F Welsh

Eastern Fruit Grower 30(10):6,13-14

Feb 1968 80 EA73

Amphorophora rubi, Cultural control (plant diseases), Eriophyes incidiosis, Fruit culture, Insect control, Insect vectors, Plant pest resistance, Spraying, Virus diseases (plants).

4732-69

INFECTION PROTECTS **BEANS** RUST AGAINST HEAT INJURY.

C E Yarwood

Nature 220(5169):813 23 Nov 1968 472 N21

Beans, Fungus diseases (plants), Heat, Plant hardiness, Plant injuries, Plant protection, Rust, Uromyces phaseoli.

4733-69

INOCULATION OF CARICA PAPAYA L. WITH THE RINGSPOT DISTORTION VIRUS UNDER VARIOUS CONDITIONS. (SP)

D M Zerpa

Agron Trop 17(4,OCT-DEC):361-370

1967 26 AG87

Hydroxyproline, Papayas, Plant breeding, Plant disease resistance, Plant extracts, Ring spot, Virus diseases (plants). English summary.

BLACK STEM- THE SECOND STEM DISEASE OF GRAINS. (GE)

B Zwatz

Pflanzenarzt 20(5):52-53

01 May 1967 464.9 P482

Agropyron repens, Black stem, Chemical control (plant diseases), Crop rotation, Fungus diseases (plants), Grain, Organic compounds, Plant hosts, Soil moisture, Wheat.

ARTHROPODS

4735-69

SOME PESTS OF ORNAMENTAL PLANTS IN MADRAS.

E V Abraham M D Padmanabhan Indian Hort 12(2,JAN-MAR):31-32 1968 80 IN23

Acrididae, Agrotis, Aldrin, Benzene hexachloride, Chemical control (insects), Chlorinated hydrocarbons, Chrysomelidae, DDT, Heptachlor, Insect Insecticides, Macropopillia arrowi, Ornamental plants, Phytometra.

4736-69

THE RELATIONSHIP OF SOME INSECTS (A-PHIDIDAE, LARGIDAE, PENTATOMIDAE, COCCINELLIDAE AND MALACHIIDAE) TO THE PEARLHAIRS OR GLANDULIFORM EMERGENCES OF CARICA PAPAYA L. (SP

J C M Acosta

Agron Trop 17(4,OCT-DEC):371-380 REF 1967 26 AG87

Aphididae, Attractants, Coccinellidae, Collops, Glands (plants), Insect pests, Largus cinctus, Nezara viridula, Papayas, Secretion. English summary.

4737-69

SPIDER MITES ON COTTON; HOW TO CON-TROL THEM.

U S D A Leafl (502):6P

Nov 1968 1 AG84L

Acaricides, Cotton, Insect biology, Insect pests, Pesticide application, Plant injuries, Plant pest control, Plant protective devices, Protective clothing, Tetranychidae.

4738-69

DRENCH YOUR TREES AGAINST SAN JOSE SCALE.

Anonymous

Victorian Hort Dig 11(2,MAY-JUL):6

1967 80 V662

Aspidiotus perniciosus, Chemical control (insects), Equipment, Fruit, Pesticide application, Spraying,

4739-69

CONTROL OF DATE PALM LEAFHOPPERS IN IRAQ BY AERIAL SPRAYING.

Anonymous Aerial Appl 6(8):11 Aug 1968 333.8 AE8 Aerial spraying, Chemical control (insects), Cicadellidae, Dates, Dichlorvos, Insect pests, Plant

4740-69

THRIPS INFESTING THE **TIPS** OF ASPARAGUS SPEARS.

F L Banham

Entomol Soc Brit Columbia Proc 65:16-18

01 Aug 1968 420 B77

Asparagus, Frankliniella tritici, Insect pests, Thrips tabaci, Weed control.

THE BIOLOGICAL CONTROL OF RED SCALE, AONIDIELLA AURANTII (MASK.), ON CITRUS IN SOUTH AFRICA.

E C G Bedford

Entomol Soc Southern Afr J 31(1):1-15 REF

Mar 1968 420 EN86

Aonidiella aurantii, Biological control (insects), Citrus.

4742-69

THE MEANING AND DEFINITION OF BIOLOGICAL CONTROL.

B P Beirne

Entomophaga 8(4):237-243

1963 421 EN835

Biological control (pests), Insect pests, Microorganisms, Plant pest control. French and German

4743-69

INSECT AND MITE CONTROL ON NURSERY STOCK IN OHIO.

R L Campbell R L Miller

Ohio Agr Exp Sta Dep Zool Ent Publ Ser (SER 33):11P

1967 100 OH3PU

Accident prevention, Chemical control (insects), Chemical control (pests), Host indexing (plants), Insect identification, Insect pests, Insecticides, Mites, Nurseries, Pesticides, Spraying. Suggestions for control of 20 pests most often reported by Ohio state nursery inspectors are given.

4744-69

THE BIOLOGY AND CONTROL OF ARCHIPS OCCIDENTALIS (WALS.) AND TORTRIX DINOTA MEYR. (LEPIDOPTERA: TORTRICIDAE) ON COFFEE IN KENYA.

D E Evans O Andrade W M Mathenge

Entomol Soc Southern Afr J 31(1):133-140 REF Mar 1968 420 EN86

Chemical control (insects), Coffee, Insect biology, Insect control, Life cycle, Natural control (insects), Tortricidae, Trichlorfon.

A STUDY OF PHANEROTOMA TOREUTAE, A PARASITE OF THE PINE CONE MOTH LASPEYRESIA TOREUTA.

J R Harbo K J Kraft

Entomol Soc Amer Ann 62(1):214-220 REF

15 Jan 1969 420 EN82

Biological control (insects), Braconidae, Forest insects, Insect ecology, Insect eggs, Insect pests, Insect physiology, Larvae, Laspeyresia toreuta, physiology, Larvae, Laspeyresia to-physiology, Larvae, Laspeyresia to-hreutidae, Parasitic insects, Phanerotoma Olethreutidae, toreutae, Pinus banksiana, Pinus contorta, Pinus echinata, Pinus resinosa, Pinus taeda, Pinus virgini-

4746-69

A NEW GENE FROM RUBUS OCCIDENTALIS L. FOR RESISTANCE TO STRAINS 1, 2 AND 3 OF THE RUBUS APHID, AMPHOROPHORA RUBI KALT.

E Keep R L Knight

Euphytica 16(2):209-214 REF

Sep 1967 450 EU6

Amphorophora rubi, Aphididae, Genetics, Plant disease resistance, Raspberries.

HARD-TO-KILL PESTS OF FRUIT TREES--WOOLLY APPLE-APHID.

H F Lower

S Australia J Agr 72(1):14-15

Aug 1968 23 SO84

Aphididae, Apples, Chemical control (insects), Crop varieties, Eriosoma lanigerum, Insect pests, Insecticide resistant insects, Insecticides, Plant pest resistance.

4748-69

NARCISSUS FLIES.

Great Brit Min Agr Fish Food Adv Leafl 183:6P May 1968 10 G79LA

Aldrin, Benzene hexachloride, Chemical control (insects), Dieldrin, Eumerus strigatus, Eumerus tuidentification, berculatus, Insect identification, Maggots, Merodon equestris, Narcissus, Plant nematodes, Plant protection.

4749-69

PRELIMINARY OBSERVATIONS ON THE CHOICE OF HOST PLANTS BY ADULTS OF THE CITRUS PSYLLA, TRIOZA ERYPREAE (DEL GUERCIO) (HOMOPTERA: PSYLLIDAE). V C Moran

Entomol Soc Southern Afr J 31(2):403-410 MAP REF

Sep 1968 420 EN86

Food habits, Host plants, Plant geography, Psyllidae, Rutaceae, Zoogeography.

RESULTS OF A STUDY ON CONTROLLING TIPULA OLERCEA L. SHOWING A MARKED RESISTANCE TO SOME CHLORORGANIC IN-SECTICIDES. (IT)

A Muro

Il Tobacco 81(724/725,JUL-DEC):41-53 REF 1967 69.8 T115

Chemical control (insects), Chlorinated hydrocarbons, Insecticide resistant insects, Insecticides, Larvae, Organophosphorus compounds, Tipula oleracea, Tobacco. Aldrin, dieldrin, DDT and heptachlor were ineffective while lindane, heptachlor epoxide, phorate, chlordane, and granulated parathion were effective.

4751-69

INFLUENCE OF INFESTATION BY EARLY SHOOT BORER CHILOTRAEA INFUSCATEL-LUS SN. ON SHOOT PRODUCTION AND YIELD OF SUGARCANE.

C S Rad

Andhra Agr J 14(5):131-142 REF 1967 34.2 AN4

Chemical control (insects), Chilotraea infuscatellus, Crop yields, Endrin, Insect pests, Sugarcane.

STUDIES ON THE POPULATION OF THE APHID PENTALONIA NIGRONERVOSA COQ. ON BANANA PLANTS IN KERALA.

M Ramanathamenon S P Christudas Agr Res J Kerala 5(1/2, MAR-SEP):84-86 1967 22 AG823

Aphididae, Bananas, Bunchy top, Climate, Crop varieties, Insect vectors, Pentalonia nigronervosa, Plant disease transmission, Population, Virus diseases (plants).

4753-69

AND GALL MITES IN THE MORPHOGENESIS AND HISTO-CYTOLOGICAL DEVELOPMENT OF TWO CHERMESIDAE GALLS. PLACED IN EVIDENCE BY THE ACHIEVEMENT OF TWO SIMILARLY MIXED GALLS. (FR)

O Rohfritsch

Acad Sci Compt Rend Ser D Sci Nat 264(7, 1ST SEMESTER):933-935

13 Feb 1967 505 P21

Adelges, Plant cytology, Plant galls, Plant histology, Plant morphology

PROTECTING LARCH LOGS FROM TETROPIUM VELUTINUM LECONTE WITH LINDANE EMULSION.

D A Ross N J Geistlinger Entomol Soc Brit Columbia Proc 65:14-15 01 Aug 1968 420 B77

CROP PROTECTION

4755-69

Chemical control (insects), Emulsions, Larix occidentalis, Lindane, Logs, Tetropium velutinum, Wood borers, Wood-destroying insects.

STUDY OF THE DEPENDENCE OF THE POPU-LATION DYNAMIC OF THE APPLE MOTH (CARPOCAPSA POMONELLA L.) ON THE FRUIT YIELD OF THE HOSTPLANT. (GE)

Pflanzenschutzberichte 35(11/12):165-184

Jun 1967 464.9 P48

Apples, Carpocapsa pomonella, Crop yields, Demography, Insect migration, Integrated control (insects), Plant hosts, Statistical analysis, Tables (data).

4756-69

ATTACK ON MOCO COTTON BY PINK BOLL-WORM IN CEARA. (POR)

J H R dos Santos

Soc Cearense Agron Bol 8:97-100 Jun 1967 9.2 SO14B

Crop yields, Fibers, Pectinophora gossypiella, Plant pests, Seed insects, Seed production (horticulture), Upland cotton. English abstract.

4757-69

TOXICITY OF ORGANOPHOSPHOROUS IN-SECTICIDES APPLIED AS FOLIAR SPRAY, SOIL DRENCH AND SEED TREATMENT TO APHIS GOSSYPII GLOVER (APHIDIDAE: HOMOPTERA).

J M Satpathy G K Padhi D N Dutt Indian J Agr Sci 38(5):850-855 REF

Oct 1968 22 AG83I

Aphis gossypii, Chemical control (insects), Dimethoate, Ekatin, Insecticide residues, Methyl demeton, Organophosphorus insecticides, Seed treatment, Soil treatment, Spraying.

Aphis gossypii was successfully controlled by dimethoate, methyl demeton, and thiomethion applied as foliar spray, soil drench and seed treatment with good residual activity.

STUDY OF THE VIRUS DISEASE OF NEODIPRION SWAINEI MIDD. AND RESULTS OF ITS AERIAL DISPERSION.

W A Smirnoff

Entomophaga Mem Hors Ser (2):475-476 1964 421 EN835M

Aerial spraying, Biological control (insects), Insect diseases, Insect pests, Neodiprion swainei, Pinus banksiana, Polyhedroses. French summary.

DON'T TAKE LIGHTLY THESE BRINJAL BORERS.

V K Srivastava B P Khare

Indian Hort 12(2,JAN-MAR):34

1968 80 IN23

Carbamates, Carbaryl, Chemical control (insects), Chlorinated hydrocarbons, DDT, Dusting, Egg-plant, Endrin, Euzophera perticella, Insecticides, Leucinodes orbonalis, Lindane, Pyralidae, Spraying.

4760-69

RESISTANCE OF LYCOPERSICON SPECIES TO THE CARMINE SPIDER MITE.

A K Stoner A C Centile

USDA Prod Res Rep (102):1-7

Oct 1968 A281.9 AG8

Biological control (insects), Crop varieties, Insect pests, Plant breeding, Plant injuries, Plant pest resistance, Tables (data), Tetranychus cinnabarinus, Tomatoes.

4761-69

THE CICADELLE EMPOASCA FLAVESCENS AND THE GRILL OF GRAPEVINES IN THE SOUTH-WEST OF FRANCE. (FR)

J Touzeau

Phytoma 20(200, JUL-AUG):31-35 REF

1968 464.8 P563

Carbaryl, Crop losses, Crop varieties, DDT, Empoasca flavescens, Formothion, Grape vineyards, Insect biology, Insect identification, Insect pests, Insecticides, Resistance, Zoogeography.

BIBLIOGRAPHY

PRUNING PRODUCES PERFECT, PEST-FREE PEACHES.

M Wilbur

Org Gard Farming 15(7):62-63

Jul 1968 57.8 OR32

Fertilizer application, Peaches, Plant pest resistance, Pruning. This article is about the authors personal experience

4763-69

IMPORTED AND INDIGENOUS NATURAL ENEMIES OF CITRUS COCCIDS AND APHIDS IN CYPRUS, AND AN ASSESSMENT OF THEIR POTENTIAL VALUE IN INTEGRATED CONTROL PROGRAMMES.

B J Wood

Entomophaga 8(1):67-82 REF

1963 421 EN835

Aonidiella aurantii, Aphididae, **Aphytis** lepidosaphes, Biological control (insects), Citrus, Coccidae, Dieldrin, Dusting, Formicidae, Insecticides, Integrated control (insects), Lepidosaphes beckii. French summary.

NEMATODES

4764-69

DOMESTIC QUARANTINE NOTICES. SOYBEAN CYST NEMATODE. QUARANTINE AND REGULATIONS.

R J Anderson

Fed Regist 34(6):303-305

09 Jan 1969 L1.451

Agricultural regulation, Heterodera glycines, Interstate commerce, Legislation, Plant nematodes, Plant quarantine, Soybeans.

4765-69

SEX LURE HOAX MAY PROVE MALE BEET WIREWORM'S UNDOING.

Anonymous

Holly Agr News 16(4,WINTER):27

1969 66.8 H72

Baits, Chemical control (pests), Lettuce, Limonius californicus, Plant injuries, Plant protection, Potatoes, Sex, Sugar beets.

TESTS OF NEMATOCIDAL FUMIGANTS IN THE CONTROL OF THE NEMATODES OF BEETS (HETERODERA SCHACHTII SCHM. AND MELOIDOGYNE SPP.). (IT)

G C Bongiovanni

Notiz Mal Piante (SER 3)(3/4):155-175 REF 1967 464.8 N84

Chemical control (nematodes), Fumigants, Heterodera schachtii, Meloidogyne, Nematocides, Plant nematodes, Sugar beets, Testing. English summary.

4767-69

THE ROLE OF NEMATODES IN HORTICUL-TURE.

G S Grandison

Com Hort Floristry New Zeal 1(7): 193-196 Feb 1968 SB13.C59

Anatomy, Chemical control (nematodes), Crop rotation, Fallowing, Horticulture, Insect behavior, Nematocides, Nematodes, Parasitism, Plant diseases, Plant nematode resistance, Predaceous nematodes, Saprophytes, Symptomatology.

4768-69

NEMATODES ATTACK BANANAS.

D L Milne F A Kuhne

Farming So Afr 44(5):5,9

Aug 1968 24 SO842

Bananas, Helicotylenchus multicinctus, Meloidogyne javanica, Plant nematodes, Plant protection.

4769-69

FUMIGANTS AND SPECIFIC NEMATOCIDES IN THE CONTROL OF PHYTOPHAGOUS NE-MATODES. (IT)

A Scoguamiglio N Giandomenico

Notiz Mal Piante (SER 3)(3/4):19-44 REF

1967 464.8 N84

Chemical control (nematodes), Fumigants, Nematocides, Plant nematodes, Soil fumigation. English summary.

WEEDS

4770-69

BLACKBERRY CONTROL NEAR ORCHARDS AND VEGETABLE GARDENS.

R Amor

Victorian Hort Dig 11(2,MAY-JUL):16

1967 80 V662

Amitrole, Blackberries, Chemical control (weeds), Esters, Herbicides, Orchards, Plant injuries, T, 2,4,5-, Tordon, Vegetables.

STUDIES ON CHEMICAL WEED CONTROL WITH FODDER KALE. (GE)

R Bassler

Albrecht-Thaer-Arch 12(3):295-306 REF

1968 18 AL1

Chemical control (weeds), Desmetryne, Feed, Herbicides, Kale, Prometryne, Propazine, Simazine. English and Russian summaries. prometryne was the most effective herbicide.

TEST RESULTS WITH PATORAN. (GE)

S Behrendt

Kartofelbau 19(4):102 Apr 1968 75.8 K145

Bromophenyl)-1-methoxy-1-methylurea, 3-(p-, Centaurea cyanus, Chemical control (weeds), Crop rotation, Herbicides, Potatoes.

4773-69

POSSIBILITIES OF LIMITING TILLAGE MEA-SURES IN POTATO CULTURES WHEN USING HERBICIDES. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

H Domanska

31-41

1966 SB951.U8

Ametryne, Herbicides, Plant nutrition, Potatoes, Tables (data), Tillage. Czech and Russian summaries. tests of many herbicides against 10 common

4774-69

COMPARISON OF VARIOUS METHODS FOR THE DETERMINATION OF THE HERBICIDAL ACTION OF HERBICIDE PREPARATIONS AGAINST ANNUAL WEEDS IN SUGARBEETS AND POTATOES. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21.24 1966 (GF) 21-24, 1966. (GE

G Feyerabend W Hamann

1-9

1966 SB951.U8

Annual plants, Chemical control (weeds), Chenopodium album, Evaluation, Herbicides, Matricaria chamomilla, Methodology, Potatoes, Sugar beets, Weeds. Czech and Russian summaries.

CHEMICAL WEED CONTROL AND DEFOLIA-TION IN POTATO FIELDS. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNA-TIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

A Gimesi

27-30

1966 SB951.U8

Aerial spraying, Chemical control (weeds), Costs, Defoliation, Mercapto compounds, Monolinuron, Potatoes, Triazine. Czech and Russian summaries.

SOME OBSERVATIONS ON ECOLOGICAL, PHYSIOLOGICAL AND B ASPECTS OF WEED CONTROL. BIOCHEMICAL

R Gopal A Mishra P A Chandhokar T K Chakraborty M M Hosmani

Indian Agr Res Inst J Post-Grad School 5(1):67-

Jun 1967 22 IN2262

Ecology, Environment, Plant biochemistry, Plant physiology, Soils, Weed control.

RESPONSE OF MIXED CROP OF WHEAT AND RAPE TO THREE CHLOROPHENOXY HERBI-CIDES.

O P Gupta V S Mani

Indian J Agron 13(2):125-127

Jun 1968 22 IN235

Chemical control (weeds), Dichlorophenoxy)butyric acid, 4-(2,4-, Herbicides, Methyl-4-chlorophenoxy)butyric acid, 4-(2-, Phenoxy acid compounds, Plant physiology, Rape, Sesone, Weed control, Wheat.

FINESSE IN WEED CONTROL.

C F Kerr

Midwest Reg Turf Conf Proc 1968 MEETING:33-

04 Mar 1968 60.19 M58

D, 2,4-, Dicamba, Digitaria, Herbicides, Mecoprop, Phenoxy acid compounds, Poa annua, Tricalcium arsenate, Weed control.

WEED CONTROL STUDIES IN STRAWBER-RIES.

A H Lange H Agamalian W A Humphrey V Voth Calif Agr 21(12):8-9

Dec 1967 100 C12CAG

Chemical control (weeds), Chlorinated hydrocarbons, Dacthal, Diphenamid, Herbicides, Research, Strawberries, Weed control.

STUDIES OF PHYTOTOXICITY IN THE USE OF HERBICIDES FOR CONTROLLING ANNUAL WEEDS IN ALMOND ORCHARDS.

Lange C Elmore D Bayer E Stilwell L

Buschmann N Ross

Calif Agr 21(6):8-10

Jun 1967 100 C12CAG

Almonds, Chemical control (weeds), D, 2,4-, Dinoseb, Diuron, Herbicides, Nitrated phenols, Pentachlorophenol, Phenoxy acid compounds, Phytotoxicity, Weeds.

WEED CONTROL IN POTATO CULTURES WITHOUT ADVERSE EFFECTS ON THE POTATO QUALITY. (GE)

C Patzold

Kartofelbau 19(4):104-106

Apr 1968 75.8 K145

Chemical control (weeds), Chlorophenyl)-1-methoxy-1-methyl-urea, 3-(p-, Cultural control (weeds), Potatoes, Simazine, Weed control.

WEEDS AND THEIR CONTROL.

S V Rangaswamy D S Rao

Lal-Baugh 13(2,APR-JUN):18-24

1967 80 L15

Biological control (weeds), Chemical control (weeds), Crop rotation, Cultural control (weeds), D, 2,4-, Herbicides, Labor productivity, Methyl-4-chlorophenoxyacetic acid, 2-, Phenoxy acid compounds, Soil sterilization, Trichloroacetic acid, Weed control. There is a list of the common weeds found in india found in india

4783-69

4783-69
RESULTS OF TESTS WITH A NEW CORN
CULTIVATION TECHNOLOGY, USING A
MINIMUM OF WORK EFFORT AND THE EFFECTIVENESS OF NEW HERBICIDES UNDER
THE CONDITIONS PREVAILING IN THE SOCIALIST RUMANIAN REPUBLIC. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE. TERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (RUS)

D N Sharpe

49-61

1966 SB951.U8

Atrazine, Corn, Crop rotation, Economic plants, Herbicides, Methodology, Tables (data), Tillage. German and Czech summaries.

4784-69

COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE. PRAGUE, CZECHOSLOVAKIA, 21-24 JUNE 1966. (CZ)

J Zakopal

192P PRAGUE, USTREDNI VYZKUMNY USTAV ROSTLINNE VYROBY

1966 SB951.U8

Conferences, Herbicides, Reports. German, Russian or Czech summaries.

STUDY OF THE SELECTIVITY OF HERBI-CIDES FOR SUGARBEETS, USING LABORA-TORY, GREENHOUSE AND PHYSIOLOGICAL METHODS. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFEDENCE BRACHE HIME 21 24 1066 CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

J Zemanek

19-25

1966 SB951.U8

Brassica, Catalase, Chemical control (weeds), Herbicides, Lenacil, Methodology, Peroxidases, Phytotoxicity, Plant respiration, Pyrazon, Sugar beets. Czech and Russian summaries.

OTHER PESTS

4786-69

BIOLOGICAL CONTROL OF SNAILS EX-ERTED BY EUGLANDINA ROSEA (FERUSSAC) IN BERMUDA.

F J Simmonds I W Hughes Entomophaga 8(3):219-222 7AP

1963 421 EN835

Biological control (pests), Euglandina rosea, Flowers, Population, Snails, Vegetables. French

LIVESTOCK PROTECTION

THE NOURISHMENT OF MILK CALVES IS ES-SENTIAL FOR THE FUTURE OF THE PRODUCT. (FR)

J M de Proce

Corcoricas Monde (JUL-AUG):19-20

1968 47.8 C64

Agricultural outlook, Animal nutrition, Antibiotics, Buttermilk, Calves, Colostrum, Dairy barns, Milk, Minerals, Skim milk, Vitamins.

PHOSPHOSULPHATE.
A S Balasubser STUDIES ON ENZYME SYNTHESIS CEREBROSIDE SULPHATE FROM OF

A S Balasubramanian B K Bachhawat Indian J Biochem 2(4):212-216 REF

Dec 1965 QP501.I48

Biochemistry, Brain, Cerebrosides, Enzymes, Phosphoadenosine-5'-phosphosulphate, 3'-, Research, Sheep, Sulfates.

4789-69

THE INDIVIDUAL. (FR)

J D'Arces

Corcoricas Monde (JUL-AUG):16-18

1968 47.8 C64

Agricultural productivity, Animal breeding, Animal diseases, Animal morphology, Animal physiology, Economic conditions.

OUTLINE OF SYRIAN PARASITOLOGY.

W Eichler

Angew Parasitol 9(4):216-225 REF

Dec 1968 436.8 AN4

Catalogs, Helminthiasis, Host relationships, Medical entomology, Parasites, Parasitology, Reviews.

RELEASE OF SIALIC ACID FROM CASEINS OF COW AND BUFFALO MILK BY COW AND BUFFALO RENNETS.

S K Gupta N C Ganguli

Indian J Biochem 2(4):253-256 REF

Dec 1965 QP501.I48

Biochemistry, Buffaloes, Casein, Dairy cattle, Milk, Sialic acids.

4792-69

OXIDATIVE ENZYMES IN ESCHERICHIA COLI PLASMA MEMBRANE.

A M Kidwai C R K Murti

Indian J Biochem 2(4):217-219 REF

Dec 1965 QP501.I48

Biochemistry, Enzymes, Escherichia coli, Plasma membrane.

DISEASES

4793-69

THE REAPPEARANCE OF RABIES IN FRANCE. FIRST CASE IN A FOX IN MOSELLE.

P Atanasiu A Gamet P Graviere M Le Guilloux J C Guillon

Acad Vet France Bull 41(4):161-163

Apr 1968 41.9 R24

Foxes, Rabies, Sanitation, Virus diseases (animals).

STUDY OF THE MULTIPLICATION, IN A UNIQUE CLONE CYCLE, OF CLASSIC SWINE FEVER VIRUS IN AN IMMUNOFLUORESCENT MEDIUM. (FR)

J M Aynaud

Acad Sci Compt Rend Ser D Sci Nat 266(5 1ST SEMESTER):535-537

29 Jan 1968 505 P21

Hog cholera virus, Immunofluorescence, Reproduction, Tissue culture, Virus diseases Immunofluorescence, (animals), Viruses.

4795-69

SENSITIVENESS OF E. COLI ISOLATED FROM THE INTESTINES OF BROILERS IN THE TERRAIN TO CHLORTETRACYCLIN, STREPTOMYCIN AND FURAZOLIDON IN 1966. (CZ)

S Bartos J Lebduska V Horakova

Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(1):63-68 REF

Jan 1968 4I.9 C333

Allergies, Chicken types (meat), Chlortetracycline, Escherichia coli, Feed concentrates, Feed toxicity, Furazolidone, Intestines, Streptomycin. English, German, and Russian summaries.

INTERMEDIATE ENERGY METABOLISM OF

LEPTOSPIRA. J B Baseman C D Cox

J Bacteriol 97(3):992-1000 REF

Mar 1969 448.3 J82

Biochemistry, Enzymes, Fatty acids, Leptospira, Metabolism.

LIVESTOCK PROTECTION

4797-69

4797-69

TERMINAL ELECTRON TRANSPORT IN LEPTOSPIRA.

J B Baseman C D Cox J Bacteriol 97(3):1001-1004 REF

Mar 1969 448.3 J82

Biochemistry, Cytochromes, Electron transport, Leptospira.

4798-69

RESPIRATORY DISEASE IN THE PIG. II.

T B Blandford

State Vet J 23(68):114-123

May 1968 SF601.S8

Bacterial diseases (animals), Diagnosis, Epidemiology, Helminthiasis, Inclusion-body rhintits virus, Livestock diseases, Pneumonia, Pseudorabies, Respiratory diseases, Swine, Swine influenza, Virus diseases (animals).

4799-69

FLUORESCENT ANTIBODY TECHNIQUES FOR VESICULAR STOMATITIS VIRUS.

C L Brown E W Jenney

U S Agr Res Serv ARS- (70):33-35

Dec 1968 A41.9 R315AR

Complement fixation, Diagnosis, Fluorescent antibody technic, Methodology, Vesicular stomatitis virus, Virology, Virus diseases (animals).

4800-69

EXPERIMENTAL TRANSMISSION OF PLAGUE BY SYNOPSYLLUS FONQUERNIEI OF MADAGASCAR. (FR)

E R Brygoo A Dodin

Acad Sci Compt Rend Ser D Sci Nat 264(4, 1ST SEMESTER):681-682

23 Jan 1967 505 P21

Insect vectors, Rats, Xenopsylla cheopsis.

4801-69

REGULATION OF BRANCHED-CHAIN AMINO ACID BIOSYNTHESIS IN SALMONELLA TY-PHIMURIUM: ISOLATION OF REGULATORY MUTANTS.

J M Calvo M Freundlich H E Umbarger J Bacteriol 97(3):1272-1282 REF

Mar 1969 448.3 J82

Amino acids, Biochemistry, Genetics, Leucine, Metabolism, Mutations, Salmonella typhimurium, Synthesis.

4802-69

VIRULENCE, ADSORBABILITY, AND ANTIGENICITY OF FOOT-AND-MOUTH DISEASE VIRUS SELECTED BY ADSORPTION WITH HOMOGENIZED MOUSE KIDNEY.

C H Campbell

Arch Gesamte Virusforsch 26(3):238-248 REF Feb 1969 448.3 AR23

Cattle, Foot-and-mouth disease virus, Immunogenicity, Mice, Serological tests.

4803-69

THE FOCAL DISTRIBUTION OF LESIONS OF PORCINE HYPERNATREMIC EOSINOPHILIC MENINGO-ENCEPHALITIS FOR DIAGNOSTIC PURPOSES.

D R Cassidy H A Nelson

U S Agr Res Serv ARS- (70):52-53

Dec 1968 A41.9 R315AR

Diagnosis, Eosinophils, Livestock diseases, Meningo-encephalitis, Sodium, Swine.

4804-69

STUDIES OF SERUM ENZYMES IN SWINE INFECTED BY TWO STRAINS OF HOG CHOLERA VIRUS.

D R Cassidy S A Seberg

U S Agr Res Serv ARS- (70):18-22

Dec 1968 A41.9 R315AR

Acid phosphatase, Alkaline phosphatase, Blood analysis, Enzymes, Hog cholera virus, Lactate dehydrogenase, Research, Serum, Swine, Virology, Virus diseases (animals).

4805-69

CHROMOSOME REPLICATION IN SAL-MONELLA TYPHIMURIUM. BIBLIOGRAPHY

H Chan K G Lark

J Bacteriol 97(27):848-860 REF

Feb 1969 448.3 J82

Bacterial diseases (animals), Chemicals, Chromosomes, Deoxyribonucleic acid, Genetics, Radioactive tracers, Salmonella typhimurium.

4806-69

RESEARCH ON THE ONCOGENIC CONSTITUENTS OF THREE ZONES OF HEMAGGLUTINATING ACTIVITY, OBTAINED BY CENTRIFUGATION OF POLYOMA VIRUS PURIFIED IN DENSITY GRADIENTS WITH CESIUM CHLORIDE. (FR)

R Cramer P Demerseman P Atanasiu Acad Sci Compt Rend Ser D Sci Nat 265(4, 2ND SEMESTER):378-381 REF

24 Jul 1967 505 P21

Centrifugation, Hemagglutination, Oncogenic viruses, Polyoma virus, Virus diseases (animals).

4807-69

THERMORESISTANT CLOSTRIDIUM PER-FRINGENS OF THE A TYPE IN POULTRY. (CZ

Z Duber

Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(1):47-53 REF

Jan 1968 41.9 C333

Biochemistry, Clostridium perfringens bacterin, Diarrhea, Epidemiology, Feed toxicity, Gastrointestinal system, Poultry, Poultry diseases, Resistance, Thermotherapy, English, Russian, and German summaries

4808-69

PROTECTIVE ACTION OF THE ENCEPHALITOGEN AND OTHER BASIC PROTEINS IN EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS.

E R Einstein J Csejtey W J Davis H C Rauch 5(6):567-575 REF

Nov 1968

Animal diseases, Antigens, Drug therapy, Encephalomyelitis, Freunds adjuvant, Guinea pigs, Histology, Proteins.

4809-69

THE PHYSIO-PATHOLOGY OF CHICKEN CAECAL COCCIDIOSIS: EXPERIMENTAL STUDY OF IMMUNOGENESIS, ACTION OF SPECIFIC ANTILYMPHOCYTIC SERA. (FR)

J Euzeby C Garcin N Grosjean

Acad Sci Compt Rend Ser D Sci Nat 268(12, 1ST SEMESTER):1616-1618

24 Mar 1969 505 P21

Antiserum, Caecal coccidiosis, Chickens, Eimeria tenella, Immunogenicity, Pathology.

4810-69

PRELIMINARY STUDY OF AN INTESTINAL VIRUS ISOLATED FROM A LESION IN BALAND-POSTHITE CATTLE. (FR)

P Faye A Charton A Berkaloff C Bernard Cl Le Layec

Acad Vet France Bull 41(4):155-159

04 Apr 1968 41.9 R24

Cattle, Intestines, Viruses.

4811-69

TOXOPLASMA GONDII: FECAL FORMS SEPARATED FROM EGGS OF THE NE-MATODE TOXOCARA CATI.

J K Frenkel J P Dubey N L Miller Science 164(3878):432-433

25 Apr 1969 470 SCI2

Animal diseases, Cats, Disease transmission, Feces, Laboratory animals, Mice, Protozoa, Toxocara cati, Toxoplasma gondii, Toxoplasmosis.

4812-69

THE PRESENCE OF PARTICLES WITH THE APPEARANCE OF NUCLEOCAPSIDS ASSOCIATED WITH MITOCHRONDRITES IN THE CELLS OF A HAMSTER INFECTED WITH ROUS VIRUS. (FR)

L Gazzolo G De-The P Vigier P S Sarma Acad Sci Compt Rend Ser D Sci Nat 268(12, 1ST SEMESTER):1668-1670 REF 24 Mar 1969 505 P21

Cytology, Electron microscopy, Hamsters, Mitochondria, Rous sarcoma virus.

4813-69

ULTRASTRUCTURE OF HOMOGENEOUS BODIES AND CELLULAR BODIES DURING THE COURSE OF RICKETTSIAL INFECTIONS. (FR)

P Giroud J Jadin J Creemers J M Jadin Acad Sci Compt Rend Ser D Sci Nat 266(4, 1ST SEMESTER):428-429

22 Jan 1968 505 P21

Cytology, Electron microscopy, Immunity, Rabbits, Rickettsia prowazeki, Rickettsial diseases, Ultrastructure.

4814-69

INHIBITION OF THE MULTIPLICATION OF FOOT-AND-MOUTH VIRUS IN AN ADULT MOUSE WHICH HAD FIRST BEEN TREATED WITH THE ADJUVANT OF FREUDE . (FR)

D Gorhe J M Aynaud A Paraf

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2698-2701

05 Jun 1967 505 P21

Drug therapy, Foot-and-mouth disease virus, Mice, Reproduction, Viruses.

815-69

SIDEROLEUCOCYTES AS A DIAGNOSTIC AID IN EQUINE INFECTIOUS ANAEMIA.

C K Granzien L G Newton

Australian Vet J 44(9):406-409 REF

Sep 1968 41.8 AU72

Animal diseases, Blood analysis, Diagnosis, Equine infectious anemia, Horses, Iron, Leukocytes.

1816-69

SUDDEN DEATH IN FEEDER PIGS.

F J Harden

Hog Prod 4(7):10-11 Jul 1968 46.8 H675

Animal diseases, Animal histology, Baby pigs, Death, Erysipelas bacterins, Gastric ulcers, Gastroenteritis, Heart diseases, Morus, Swine, Symptomatology, Temperature.

1817-69

QUANTITATIVE STUDIES ON THE NEUTRALIZATION REACTION BETWEEN AFRICAN HORSE-SICKNESS VIRUS AND ANTISERUM.

A Hazrati Y Ozawa

Arch Gesamte Virusforsch 25(1):83-92 REF

Nov 1968 448.3 AR23

African horse sickness, Antibodies, Antiserum, Immunology, Mice, Virus diseases (animals), Virus neutralization, Virus serology.

4818-69

2-DEOXYRIBOSE GENE-ENZYME COMPLEX IN SALMONELLA TYPHIMURIUM: REGULATION OF PHOSPHODEOXYRIBOMUTASE.

P A Hoffee B C Robertson

J Bacteriol 97(3):1386-1396 REF

Mar 1969 448.3 J82

Biochemistry, Deoxyribonucleic acid, Enzymes, Genetics, Salmonella typhimurium.

4819-69

ASSOCIATION OF INCREASED RECIPIENT ABILITY FOR R FACTORS AND REDUCED VIRULENCE AMONG VARIANTS OF SAL-MONELLA CHOLERAESUIS VAR. KUNZEN-DORF.

H Jarolmen G Kemp

J Bacteriol 97(2):962-963

Feb 1969 448.3 J82

Escherichia coli, Immunity, Immunogenicity, Physiology, Salmonella choleraesuis.

4820-69

STUDIES ON THE TREATMENT AND PROPHYLAXIS OF SALMONELLA PUL-LORUM INFECTION IN CHICKS WITH CHLOROMYCETIN.

J Kalich G M El-Bahay P Eckes J Vet Sci U A R 4(2):195-205 REF 1967 SF604.J6

Chicks, Chloramphenicol, Drug therapy, Poultry diseases, Salmonella pullorum. Arabic summary

OBSERVATIONS ON THE PRACTICAL USE OF THE RAPID MASTITIS TEST.

E A Kernohan

Aust J Dairy Technol 23(3):129-130

Sep 1968 44.8 AU74

Dairy cattle, Diagnosis, Livestock diseases, Mastitis, Milk.

4822-69

SALMONELLA ABONY-SALMONELLA TY-PHIMURIUM RECOMBINANT NONVIRULENT FOR THE MOUSE.

V Krishnapillai K Karthigasu J Bacteriol 97(3):1343-1351 REF

Mar 1969 448.3 J82

Genetics, Mice, Salmonella, Salmonella typhimurium, Virulence.

4823-69

THEORY OF CLASSIFICATION OF THE DEN-SONUCLEOSE VIRUSES , BASED ON THE STUDY OF MOLECULAR STRUCTURES AND PHYSIOCHEMICAL PROPERTIES. (FR)

E Kurstak J R Cote

Acad Sci Compt Rend Ser D Sci Nat 268(3, 1ST SEMESTER):616-619 REF

20 Jan 1969 505 P21

Biochemistry, Electron microscopy, Morphology, Papovaviruses, Taxonomy, Virus diseases (animals).

4824-69

THE MODE OF FORMATION OF INTRA-CYTOPLASMIC STRUCTURES IN TUMORS INDUCED BY VIRUSES OF THE AVIAN SARCOMA LEUCOSIS GROUP.

Chr Landschutz

Experientia 24(12):1255-1256 REF

15 Dec 1968 475 EX7

Avian leukosis complex viruses, Biochemistry, Chickens, Electron microscopy, Immunity, Neoplasms.

CYLINDER DEGENERATION SOCIATED WITH RYEGRASS STAGGERS IN SHEEP AND CATTLE.

R W Mason

Australian Vet J 44(9):428

Sep 1968 41.8 AU72

Cattle, Cells, Coenurosis, Livestock diseases, Lolium, Nerves, Parasitism, Sheep.

4826-69

CHARACTERIZATION OF A SMALL PORCINE DNA VIRUS.

A Mayr P A Bachmann G Siegl H Mahnel B E

Arch Gesamte Virusforsch 25(1):38-51 REF Nov 1968 448.3 AR23

Cytopathology, Dna viruses, Electron microscopy, Swine, Virus diseases (animals).

THE EPIZOOTIOLOGICAL IMPORTANCE OF FOOT-AND-MOUTH DISEASE CARRIERS. II. THE CARRIER STATUS OF CATTLE EXPOSED TO FOOT-AND-MOUTH DISEASE FOLLOW-ING VACCINATION WITH AN OIL ADJUVANT INACTIVATED VIRUS VACCINE.

J W McVicar P Sutmoller

Arch Gesamte Virusforsch 26(3):217-224 REF

Feb 1969 448.3 AR23

Animal vectors, Cattle, Epizootic diseases, Foot-and-mouth disease, Vaccines, Virus diseases

4828-69

COSTING ACUTE MAREKS DISEASE.

K C Meldrum State Vet J 23(68):148-151 May 1968 SF601.S8

Avian lymphomatosis, Chickens, Diagnosis, Economics, Epidemiology, Livestock diseases, Mortality.

PATHOLOGICAL STUDIES ON PSEUDOTU-BERCULOSIS RODENTIUM. III. SPONTANE-OUS SWINE CASES. (JA)

M Morita M Nakamatsu M Goto

Jap J Vet Sci 30(4):233-239

Aug 1968 41.8 J27

Diagnosis, Epidemiology, Livestock diseases, Microscopy, Parasitism, Pasteurella pseudotu-Microscopy, Parasitism, Pasteurella pseudotu-berculosis, Pseudotuberculosis, Swine. English summary.

4830-69

CHOLERESIS IN SHEEP.

P H Mortimer T A Stanbridge Vet Rec 83(26):683-684

28 Dec 1968 41.8 V641

Bile, Drugs, Liver, Livestock diseases, Methoxynaphthalene-(1))-4-oxobutyric acid, 4-(4-, Secretion, Sheep.

4831-69

HORMONAL EFFECT ON **CERTAIN** GLYCOLYTIC ENZYMES OF RAT MAMMARY

R Narayanan N C Ganguli Indian J Biochem 2(4):240-242 REF

Dec 1965 QP501.I48 Animal physiology, Biochemistry, Enzymes, Glycolysis, Hormones, Mammary glands, Rats.

ISOLATION OF CONJUGATION-CONSTITUTIVE MUTANTS OF COLICIN FACTOR IB.

M Ohki H Ozeki Z Vererbungslehre 103(1):37-41 REF

27 Nov 1968 442.8 Z34 Antibiotics, Mutations, Salmonella, Sex, Synthesis.

OPSONINS EXAMINATION IN THE MOUSE AFTER ENDOTOXIN-INDUCED RESISTANCE TO INFECTION. (FR)

M Parant

Inst Pasteur Ann 115(2):264-278 REF

Aug 1968 448.3 AN75

Antibodies, Endotoxins, Immunity, Klebsiella pneumoniae, Mice, Opsonins. English summary.

4834-69

EFFECT OF PH ON THE IMMUNOGENICITY OF MYCOPLASMA PNEUMONIAE.

J D Pollack N L Somerson L B Senterfit J Bacteriol 97(2):612-619 REF Feb 1969 448.3 J82

Hydrogen-ion concentration, Immunochemistry, Immunogenicity, Mycoplasma pneumoniae.

PROTECTION AGAINST RINDERPEST CONFERRED TO CATTLE BY AN INACTIVATED VIRUS ADAPTED TO CATTLE CELLS. (FR)

A Provost C Borredon Y Maurice

Acad Sci Compt Rend Ser D Sci Nat 264(25, 1ST SEMESTER):2961-2964

19 Jun 1967 505 P21

Cattle, Immunization, Rinderpest virus, Vaccines, Virus neutralization.

4836-69

EXPERIENCES ABOUT THE TOLERANCE AND USE OF STAGLOBAN IN THE DOG. (GE)

F Reinhard K Bonath

Blauen H Tierarzt (38):14-17

Oct 1968 41.9 B61

Animal diseases, Canine distemper, Dogs, Drugs, Gamma globulins, Immunization, Infectious canine hepatitis, Leptospirosis.

4837-69

COMPETITIVE DEVELOPMENT OF ENZY-MATIC ACTIVITY OF TRANSCRIPTASE AND REPLICASE IN THE COURSE OF A VIRAL DISEASE IN CATTLE. (FR)

M Sakouhi-Cousin J Choav L Dhennin M Thely L. Dhennin

Acad Sci Compt Rend Ser D Sci Nat 264(10, 1ST SEMESTER):1353-1355

06 Mar 1967 505 P21

Biochemistry, Cattle, Enzymes, Foot-and-mouth disease virus, Physiology, Virus diseases (animals).

IMMUNOCHEMICAL CHARACTERIZATION OF SHEEP PLASMA GLYCOPROTEIN.

T S A Samy H G M Raj N R Moudgal H R Cama Indian J Biochem 2(4):250-252 REF

Dec 1965 QP501.I48

Blood, Chemistry, Glycoproteins, Immunity, Sheep.

THE EFFECTS OF PANTOTHENIC ACID, PAN-TOYLTAURINE, SALICYLATE AND RELATED COMPOUNDS ON THE IN VITRO AND IN VIVO GROWTH OF TRYPANOSOMA LEWISI.

G Sanchez D G Dusanic

Compar Biochem Physiol 27(3):647-658 REF

Dec 1968 444.8 C73

Ceratophyllus fasciatus, In vivo, Pantothenate, Rats, Tissue culture, Trypanosoma lewisi.

STAPHYLOCOCCAL INTOXICATION **OF** YOUNG SUCKLING WHELPS. (GE)

W Seffner

Monatsh Vet 23(2):59-61

15 Jan 1968 41.8 M742

Animal diseases, Blood, Dogs, Gastrointestinal system, Histology, Milk, Pneumonia, Staphylococcus aureus, Toxins. English and Russian summa-

4841-69

TOXOPLASMA GONDII: TRANSMISSION THROUGH FECES IN ABSENCE OF TOXOCARA CATIEGGS.

H G Sheffield M L Melton Science 164(3878):431-432

25 Apr 1969 470 SCI2

Animal diseases, Cats, Disease transmission, Feces, Laboratory animals, Mice, Nematodes, Protozoa, Temperature, Toxocara cati, Toxoplasma gondii, Toxoplasmosis.

4842-69

INCIDENCE OF HYDATOSIS IN LIVESTOCK IN LAHORE.

S A Sheikh M Z Hussain

Pakistan J Sci 19(516, SEP-DEC):239-242 REF 1967 475 P172

Antigens, Diagnosis, Echinococcosis, Echinococcus granulosus, Epidemiology, Livestock diseases.

THERAPEUTIC EFFECT OF SDDS SULFAMOYL-4,4'-DIAMINODIPHENYL FONE) ON EXPERIMENTAL TOXOPLASMO-SIS.

K Shimizu T Shirahata Y Inami Jap J Vet Sci 30(4):183-195

Aug 1968 41.8 J27

Animal diseases, Drug therapy, Laboratory animals, Mice, Sulfamoyl-4,4'-diaminodiphenyl sulfone, 2-, Swine, Toxoplasmosis. Japanese summary

COLD-SENSITIVE MUTATIONS IN SAL-MONELLA TYPHIMURIUM WHICH AFFECT RIBOSOME SYNTHESIS.

P C Tai D P Kessler J Ingraham J Bacteriol 97(3):1298-1304 REF

Mar 1969 448.3 J82

Biochemistry, Genetics, Mutations, Protein synthesis, Ribosomes, Salmonella typhimurium, perature.

4845-69

THE PALE MUSCLE PROBLEM IN PIGS.

D C Thurley

State Vet J 23(68):152-155 May 1968 SF601.S8

LIVESTOCK PROTECTION

4846-69

Biochemistry, Color, Diagnosis, Livestock diseases, Meat, Muscles, Proteins, Swine, Temperature.

CONTROL OF BOVINE TUBERCULOSIS AND LIST OF OFFICIALLY CERTIFIED HERDS.

A Van Heerden

Farming So Afr 44(5):33-39,43

Aug 1968 24 SO842

Cattle, Cattle records, Infectious diseases, Livestock diseases, Tuberculosis.

THE ROLE OF INTERFERON IN THE INTERFERENCE PHENOMENON BETWEEN VACCINIA VIRUS AND FIXED RABIES VIRUS. (FR

Acad Sci Compt Rend Ser D Sci Nat 264(2, 1ST SEMESTER):426-428

09 Jan 1967 505 P21

Immunity, Interference phenomenon, Interferon, Rabies virus, Vaccinia virus.

PERSISTANCE OF THE GENOME OF THE ROUS VIRUS IN HAMSTER CELLS CHANGED IN VITRO, AND THE ACTION OF INACTIVATED SENDAI VIRUS ON ITS TRANSMISSION TO CHICK CELLS. (FR)

P Vigier

Acad Sci Compt Rend Ser D Sci Nat 264(2, 1ST SEMESTER):422-425

09 Jan 1967 505 P21

Animal disease transmission, Chickens, Hamsters, Parainfluenza-1 virus, Rous sarcoma virus, Tissue culture.

4849-69

PEST-MANAGEMENT CONCEPTS AND CONTROL OF TICK PARALYSIS IN BRITISH COLUMBIA.

P R Wilkinson

Entomol Soc Brit Columbia Proc 65:3-9 REF 01 Aug 1968 420 B77

Dermacentor andersoni, Human diseases, Immunology, Insect control, Insecticides, Livestock diseases, Methodology, Pest control, Tick paralysis.

4850-69

SERUM ANTIBODY TO SALMONELLA FLAGELLAR ANTIGENS. I. METHODS OF ANTIBODY ASSAY.

R Wistar

Australian J Exp Biol Med Sci 46(PT 6):769-777

Dec 1968 442.8 AU7

Agglutination, Antibodies, Antigens, Biological assay, Methodology, Precipitin test, Radioisotopes, Salmonella.

ARTHROPODS

4851-69

CONTRIBUTIONS TO THE (DIPTERA, SIMULIIDAE) FAUNA OF AUSTRIA. III. THE FAUNA OF THE VALLEY OF THE YBBS.

R Supperer E Rutzer

Verhandl Zool-bot Gesell Wien 107:25-27

1967 410.9 V67

Animals, Breeding, Diptera, Insect pests, Prosimulium hirtipes, Simuliidae.

THE MYIASIS FLY OF THE AFRICAN AARD-VARK (ORYCTEROPUS AFER (PALLAS)). (GE

Zool Beitr 13(2-3):463-470

1967 410 Z753

Animal diseases, Calliphoridae, Insect morphology, Myiasis. English abstract

PARASITES

4853-69

THIABENDAZOLE AS A BROAD-SPECTRUM ANTHELMINTIC. (ABSTRACT).

BIBLIOGRAPHY

E Asshauer

Excerpta Med Pharm Toxicol 21(11):549

Nov 1968 241.64 EX23

Animal diseases, Anthelmintics, Nematodes, Parasitism, Thiazolyl)-benzimidizole, 2-(4-, Trichinosis, From Munch, Med. Wschr., 1968, 110/21, (1327-1329).

4854-69

GENERAL METHOD FOR THE CULTURE OF HELMINTHS IN ANAEROBIC CONDITIONS.

J C Bazin F Lancastre

Acad Sci Compt Rend Ser D Sci Nat 264(25,.1ST SEMESTER):2907-2908

19 Jun 1967 505 P21

Anaerobes, Culture media, Methodology, Schistosoma, Taenia pisiformis, Trichinella spiralis.

EXPERIMENTAL INFECTION OF LABORATORY ANIMALS WITH ASCARIS SUUM. (GE)

R Buchwalder

Angew Parasitol 9(4):203-211 REF

Dec 1968 436.8 AN4

Ascaris lumbricoides suum, Hamsters, Nematode infestation, Rabbits. English and Russian abstracts

PREVENT WORMS TO INCREASE SHEEP PROFITS.

D L Ferguson E C Howe

Nebr Univ Ext Ec (1905):12P

1968 275.29 N272EX

Chemical control (nematodes), Diagnosis, Economics, Nematodes, Parasitism, Profits, Sheep. Diagnosis,

4857-69

LARVAL DEVELOPMENT OF A NEMATODE PARASITE OF THE DOG CIRCULATORY SYSTEM IN DULCAQUICOLES MOLLUSKS. (FR)

J Guilhon A De Gaalon

Acad Sci Compt Rend Ser D Sci Nat 268(3, 1ST SEMESTER):612-615

20 Jan 1969 505 P21

Development, Dogs, Larvae, Parasitic nematodes, Snails

HOST-PARASITE RELATIONSHIP. 1. STUDIES ON THE PRODUCTIVITY OF SHEEP AS AFFECTED BY HAEMONCHOSIS.

M Z Hussain M Akram

Pakistan J Sci 19(516,SEP-NOV):247-251 REF 1967 475 P172

Animal nutrition, Gastrointestinal system. Haemonchosis, Haemonchus contortus, Parasitism, Productivity, Sheep.

OBLIGATORY AND ADDITIONAL HOSTS OF HELMINTHS. (GE)

K Odenine

Augew Parasitol 9(4):196-203

Dec 1968 436.8 AN4

Ecology, Helminthiasis, Host relationships, Life cycle, Parasitism.

4860-69

EVALUATION OF THE ANTHELMINTIC ACTIVITY OF THIABENDAZOLE IN MAN. (AB-STRACT).

H H Salem Z G Hayatee A M Awaness G Al-Allaf

Excerpta Med Pharm Toxicol 21(11):549 Nov 1968 241.64 EX23

Ancylostoma duodenale, Anthelmintics, Ascaris lumbricoides, Enterobius vermicularis, Human diseases, Hymenolepsis, Parasitism, Thiazolyl)-benzimidizole, 2-(4-, Trichuris. From Journal of Tropical Medicine and Hygiene:1968, 71/1 (114861-69

NYMPHAL STAGE OF LINGUATULA SERRATA FOUND IN MESENTERIC LYMPH NODE

K C Sherman H A McDaniel

U S Agr Res Serv ARS- (70):45-46

Dec 1968 A41.9 R315AR

Animal histology, Cattle, Diagnosis, Glands (animals), Histopathology, Larvae, Linguatula serrata, Lymph, Parasitism.

4862-69

ISOLATION OF A SPECIFIC ANTIGEN OF THE LARGE LIVER FLUKE (FASCIOLA HEPATICA L.). (FR)

R Tailliez R Mangalo S Korach

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):466-469

31 Jul 1967 505 P21

Antigens, Fasciola hepatica, Immunochemistry.

COMMODITY PROTECTION

PROBLEMS WITH SCALD INHIBITORS.

Wright

Victorian Hort Dig 12(4,NOV-JAN):27-28 1969 80 V662

Apples, DPA, Oils, Plant protection, Scald, Storage, Temperature.

STORAGE DISEASES

4864-69

INSECT PATHOGENS AND MICROBIAL CONTROL OF INSECTS IN STORED PRODUCTS. I. TEST WITH BACILLUS THURINGIENSIS BER-LINER AGAINST MOTHS.

H D Burges

Entomophaga Mem Hors Ser (2):323-327 1964 421 EN835M

Anagasta kuehniella, Bacillus thuringiensis, Biological control (insects), Cadra cautella, Dosage, Ephestia elutella, Galleria mellonella, Insect diseases, Larvae, Mortality, Plodia interpunctella, Spores, Stored products. French summary.

4865-69

ON THE ANTIOXIDATIVE MECHANISM OF ALPHA-, BETA-, GAMMA- AND DELTA TOCOPHEROLS IN LARD. (GE)

IT Kovats E Berndorfer-Kraszner Nahrung 12(4):407-414

1968 389.8 N142

Antioxidants, Lard, Temperature, Tocopherols, Vitamin e. English and Russian summary.

ARTHROPODS

4866-69

BULK WHEAT PESTS CAN BE CONTROLLED BY SIMPLE PRECAUTIONS.

R A French

New Zeal J Agr 117(4):30-31,33

Oct 1968 23 N48J

Bacteria, Food moisture, Insect pests, Integrated control (pests), Molds, Pest control, Storage injuries, Wheat.

SUSCEPTIBILITY OF DIFFERENT STORED-PRODUCTS MOTH LARVAE TO BACILLUS THURINGIENSIS.

P A van der Laan H J M Wassink

Entomophaga Mem Hors Ser (2):315-322 REF 1964 421 EN835M

Achroia grisella, Anagasta kuehniella, Bacillus thuringiensis, Biological control (insects), Cadra cautella, Dosage, Ephestia elutella, Galleria melIonella, Larvae, Mortality, Plodia interpunctella, Stored products. French summary.

MICROBIAL CONTAMINATION

4868-69

BACTERIOSTATIC PROPERTIES OF MILK FROM TROPICAL COUNTRIES.

J E Auclair

Int Dairy Fed Annu Bull (PT 4):7-44 REF 1968 44.9 IN82A

Bacteria, Food contamination, Milk analysis, Storage, Tables (data), Temperature, Tropics. French translation found on pages 55-66.

EXPERIENCES WITH CULTURE MEDIA FOR THE SELECTIVE MICROBIOLOGICAL ANALYSIS OF MEATPRODUCTS. (GE)

G Reuter

Arch Lebensmittelhyg 19(3):53-57

Mar 1968 41.8 L49

Bacteria, Culture media, Enterobacteriaceae, Food contamination, Food sanitation, Human nutrition, Meat, Microbiology, Micrococcaceae, Pseudomonadaceae, Staphylococcus.

ENVIRONMENTAL CONTAMINATION

4870-69

PESTICIDES IN WATER, PESTICIDES IN SELECTED WESTERN STREAMS--A CONTRIBUTION TO THE NATIONAL PROGRAM.

E Brown Y A Nishioka Pest Mont J 1(2):38-46 MAP Sep 1967 SB951.A1P41

Chromatography, Herbicides, Maps, Pesticide residues, Pesticides, Tables (data), Water analysis, Water pollution. The soil was analyzed for twelve pesticides.

4871-69

PERSISTENCE AND PARATHION IN IRRIGATION WATERS.

C W Miller W E Tomlinson R L Norgren

Pest Mont J 1(2):47-48 Sep 1967 SB951.A1P41

Aerial spraying, Aquatic animals, Chemicals, Cranberry bogs, Irrigation ditches, Organophosphorus compounds, Parathion, Pesticide residues, Pesticides, Toxins, Water analysis, Water pollution.

RESIDUES

4872-69

OUR STRUGGLE AGAINST PESTS. II.

Anonymous

Pest Contr Oper News 27(8):4-6,29

Aug 1967 SB951.A1P4

Animals, Chemical control (pests), Government aid, Insect pests, Integrated control (pests), Legislation, Pesticide residues, Pesticides, Plant diseases, Plant protection, Research, Weeds.

HERE WE GO AGAIN... PESTICIDES UNDER FIRE FROM NEW CONSUMER GROUP.

C O Barnard

Farm Chem 131(5):50,52

May 1968 57.8 AM3

Consumer preferences, Food contamination, Pesticide residues, Pesticides.

PESTICIDES IN HATCHERY TROUT---DIF-FERENCES BETWEEN SPECIES AND RESIDUES LEVELS OCCURING IN COMMER-CIAL FISH FOOD.

A Bradford H Cole D Barry P Baumgarner D E

Pest Mont J 1(2):35-37

Sep 1967 SB951.A1P41

Benzene hexachloride, Chemicals, Chlorinated hydrocarbons, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, Dieldrin, DDT, Fish, Heptachlor, Heptachlor epoxide, Pesticide residues, Pesticides, Research, Tables (data), TDE, Trout.

RESIDUES IN FISH, WILDLIFE, AND ESTUA-RIES. CHLORINATED PESTICIDE LEVELS IN THE EASTERN OYSTER (CRASSOSTREA VIRGINICA) FROM SELECTED AREAS OF THE SOUTH ATLANTIC AND GULF OF MEXICO.

J C Bugg Jr. J E Higgins E A Robertson Jr.

Pest Mont J 1(3):9-12

Dec 1967 SB951.A1P41

Chlorinated hydrocarbons, Chromatography, Fish, Oysters, Pesticide residues, Quantitative analysis, Spraying, Tables (data), Wildlife.

RESIDUES IN FISH, WILDLIFE, AND ESTUARIES. INSECTICIDE CONCENTRATIONS IN WILDLIFE AT PRESIDIO, TEXAS.

D D Culley H G Applegate

Pest Mont J 1(2):21-28 MAP REF

Sep 1967 SB951.A1P41

Birds, Carbamates, Carbaryl, Chlorinated hydrocarbons, Chromatography, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, DDT, Endrin, Insecticides, Malathion, Mammals, Methyl parathion, Organophosphorus compounds, Parathion, Reptiles, Research, Residues, Tables (data), Tissues, TDE, Wildlife.

THE DETERMINATION OF THE AMOUNT OF DIAZINON RESIDUES IN FOODSTUFF BY MEANS OF LABELED DIAZINON. (SUMMA-RY). (IT)

P Di Mattei N Sopranzi

Giornate Fitopatol 57

26 Mar 1967 SB599.G5

Chromatography, Diazinon, Food analysis, Insecticide residues, Organophosphorus compounds, Phosphorus.

4878-69

PERSISTENCE OF DDT IN CRAYFISH IN A NATURAL ENVIRONMENT.

J B Dimond R E Kadunce A S Getchell J A Blease

Ecology 49(4 SUMMER):759-762

1968 410 EC7

hydrocarbons, Chromatography, Chlorinated Crayfish, DDT, Insecticide residues, Spraying, Streams.

NOTICE OF FILING OF PETITION REGARD-ING PESTICIDE CHEMICAL.

R E Duggan

Fed Regist 34(8):486 11 Jan 1969 L1.451

Barban, Herbicides, Pesticide residues, Plant physiology.

RESIDUES IN FOOD AND FEED. CHLORINATED PESTICIDE RESIDUES IN FLUID MILK AND OTHER DAIRY PRODUCTS IN THE UNITED STATES.

R E Duggan

Pest Mont J 1(3):2-8

Dec 1967 SB951.A1P41

Chlorinated hydrocarbons, Dairy products, Feed, Food, Milk, Pesticide residues, Quantitative analysis, Tables (data), Tolerances. Chemicals discussed are: DDT, DDE, TDE, dieldrin, heptachlor epoxide, BHC, lindane, aldrin, heptachlor, and methoxychlor.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS

IN OR ON RAW AGRICULTURAL COMMODI-TIES. PARATHION OR ITS METHYL HOMOLOG.

J K Kirk

Fed Regist 34(15):1014

23 Jan 1969 L1.451

Agricultural products, Chemicals, Insecticides, Methyl parathion, Organophosphorus compounds, Parathion, Pesticide residues, Regulation (pesticides), Tolerances.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTRUAL COMMODI-DODECACHLOROOCTAHYDRO-1,3,4-METHENO-2TH-CYCLOBUTA (CD)
TALENE.

J K Kirk

Fed Regist 34(21):1553

31 Jan 1969 L1.451

Agricultural products, Chemical control (insects), Insecticide residues, Mirex, Pesticides, Solenopsis saevissima richteri.

4883-69

PESTICIDE RESIDUES IN A MARINE POPULA-TION OF DOUBLE-CRESTED CORMORANTS.

C R Kury

J Wildlife Manage 33(1):91-95 REF

Jan 1969 410 J827

birds, Chlorinated hydrocarbons, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, DDT, Metabolites, Mortality, Pesticide residues, Reproduction.

AN EVALUATION OF THE EFFECTS OF THE AEDES AEGYPTI ERADICATION PROGRAM ON WILDLIFE IN SOUTH FLORIDA.

P N Lehner T O Boswell F Copeland

Pest Mont J 1(2):29-34

Sep 1967 SB951.A1P41

Aedes aegypti, Benzene hexachloride, Chemicals, Chlorinated hydrocarbons, Dichloro-2,2-bis(pchlorophenyl) ethylene, 1,1-, Dielldrin, DDT, Evaluation, Heptachlor epoxide, Insect control, Insecticides, Pesticide residues, Research, Spraying, Tables (data), TDE, Wildlife.

4885-69

EFFECTS OF LOW VOLUME AERIAL SPRAY-ING OF DURSBAN AND FENTHION ON FISH. J D Linn

Down Earth 24(2,FALL):28-30

1968 381 D75

Aerial spraying, Chemical control (insects), Cu-Diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate, O,O d, Fenthion, Fish, Insecticide application, Toxins.

PESTICIDES IN SOIL. MONITORING FOR CHLORINATED HYDROCARBON PESTICIDES IN SOIL AND ROOT CROPS IN THE EASTERN STATES IN 1965.

W L Seal L H Dawsey G E Cavin

Pest Mont J 1(3):22-25

Dec 1967 SB951.A1P41

Chlorinated hydrocarbons, Chromatography, Crops, Dieldrin, DDT, Electron capture, Hydrocarbons, Insecticides, Pesticide residues, Roots, Soils, Tolerances.

4887-69

A LOOK AT THE PLANT PEST CONTROL DIVISON.

D R Shepherd

Agr Chem 24(2):10-13

Feb 1969 381 AG8

Aerial spraying, Biological control (pests), Control equipment, Insect identification, Legislation, Pesticide residues, Plant pest control, Safety devices, Soil analysis, Surveys.

BIBLIOGRAPHY

4888-69

4888-69

INVESTIGATION OF EFFECTS OF LARGE-SCALE APPLICATIONS OF 2,4-D ON AQUATIC FAUNA AND WATER QUALITY.

G E Smith B C Isom Pest Mont J 1(3):16-21 Dec 1967 SB951.A1P41

Aquatic animals, D, 2,4-, Dosage, Esters, Herbicides, Myriophyllum spicatum, Pesticide application, Pesticide residues, Phenoxy acid compounds, Reservoirs, Variance analysis, Water analysis, Water treatment.

4889-69

PROBLEMS IN MONITORING DDT AND ITS METABOLITES IN THE ENVIRONMENT.

D A Spencer

Pest Mont J 1(2):54-57 REF Sep 1967 SB951.A1P41

Aldrin, Bacteria, Chemicals, Chlorinated hydrocarbons, Dieldrin, DDT, Endrin, Environment, Enzymes, Heptachlor, Lindane, Metabolites, Microorganisms, Pesticide residues, Pesticides, Porphyrins, Soil fungi, Storage, Temperature, TDE.

4890-69

PESTICIDES IN PEOPLE. STORAGE OF DDT IN THE PEOPLE OF ISRAEL.

M Wassermann D Wassermann L Zellermayer M Gon

Pest Mont J 1(2):15-20 REF Sep 1967 SB951.A1P41

Air pollution, Benzene hexachloride, Chlorinated hydrocarbons, Chromatography, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, Dieldrin, DDT, Heptachlor epoxide, Human diseases, Measurement, Pesticides, Storage, Tables (data), TDE.

4891-69

PESTICIDE RESIDUES IN CULTIVATED MUSHROOMS. (FR)

A William P Martens

Inacol 18(11):437-448 REF

Nov 1967 TX599.15

Aldrin, Chlorinated hydrocarbons, Diazinon, Dimethoate, DDT, Dosage, Economic plants, Fu-migation, Lindane, Mushrooms, Ormigation, Lindane, Mushrooms, Organophosphorus compounds, Parathion, Pesticide residues, Sulfotepp. English and German summa-

TOXICOLOGY

4892-69

DDT: SUBLETHAL EFFECTS ON BROOK TROUT NERVOUS SYSTEM.

J M Anderson M R Peterson Science 164(3878):440-441

25 Apr 1969 470 SCI2 DDT, Dosage, Nervous system, Pesticides, Temperature, Toxicology, Trout.

4893-69

SEARCH FOR NEW INSECTICIDES.

M N Borle

Pocna Agr Coll Mag 58(2-3,JUN-SEP):49-54

1968 22 P79

Animals, Biological control (insects), Chemical control (insects), Chlorinated hydrocarbons, DDT, Humans, Insect biochemistry, Insect diseases, Insect physiology, Insecticidal plants, Insecticide resistant insects, Insecticides, Poisoning, Research.

EFFECTS OF CHRONIC EXPOSURE TO ZINC TOXICITY OF A MIXTURE OF DETER-GENT AND ZINC.

V M Brown V V Mitrovic G T C Stark Water Res 2(4):255-263 REF Jun 1966 TD420.W3

Animal histology, Detergents, Sulfonic acids, Symptomatology, Toxicology, Trout, Water pollution, Zinc.

4895-69

NOTE ON MODIFICATIONS OF THE AOAC METHOD FOR AMPROLIUM IN FEED CONCENTRATES.

E J Davis

Ass Offic Anal Chem J 51(1):129-131

Jan 1968 381 AS7

Amprolium, Chemical reactions, Chromatography, Columns (process), Drugs, Feed concentrates, Feed toxicity.

A TIDAL RHYTHM IN THE SUSCEPTIBILITY OF FUNDULUS SIMILIS TO SODIUM CHLORIDE AND ENDRIN.

J W Day

La Acad Sci Proc 31:62-64 31 Dec 1968 500 L932

Endrin, Fish, Laboratory animals, Resistance, Sodium chloride, Statistical analysis, Susceptibility.

SOME OBSERVATIONS CONCERNING THE MAXIMUM DOSAGE ORDINANCE. (GE

Gesunde Pflanzen 19(3):46-51

Mar 1967 464.8 G33

Acaricides, Dosage, Fungicides, Insecticides, Legislation, Organophosphorus compounds, Residues, Toxins.

4898-69

SOME PATHOLOGICAL EFFECTS OF SUB-ACUTE AND ACUTE POISONING OF RAIN-BOW TROUT BY PHENOL IN HARD WATER.

V V Mitrovic V M Brown D G Shurben M H Berryman

Water Res 2(4):249-254 REF Jun 1968 TD420.W3

Animal diseases, Mortality, Phenols, Poisoning, Symptomatology, Trout, Water pollution.

A SYNOPSIS OF THE PESTICIDE PROBLEM. N W Moore

Advances Insect Physiol 4:75-129 REF

1967 420 AD9 Chemical control (pests), Ecology, Pest control, Pesticide application, Pesticides, Research, Tox-

AN ANALYTICAL METHOD FOR DETERMINING ARSENIC IN BIOLOGICAL MATERIAL.

C K Ringham

U S Agr Res Serv ARS- (70):47-48 Dec 1968 A41.9 R315AR

Animals, Arsenic, Chemical analysis, Methodology, Residues, Spectrophotometry, Toxicology.

4901-69

USE INSECTICIDES SAFELY.

R E Roselle C R Angle Nebr Univ Ext Ec (1501):12P

1968 275.29 N272EX

Accident prevention, Chemicals, Fish, Insecticide residues, Insecticides, Labeling, Safety education, Toxicology, Wildlife.

IMIDAZOLE: FUNGITOXIC DERIVATIVES.

M Tolkmith J N Seiber P B Budde D R Mussell Science 158(3807):1462-1463 REF

15 Dec 1967 470 SCI2

Chemistry, Fungicides, Imidazole, Imines, Mammals, Nitrogen, Phosphorus, Testing.

PLANT PHYSIOLOGY & **BIOCHEMISTRY**

SOME EXPERIMENTS ON POLARITY OF IAA-2-C14 TRANSPORT IN HELIANTHUS ANNUUS SEEDLINGS.

H Bagda

Ankara Univ Fac Sci Commun (SER C)12:30P REF

1967 330.9 AN4

Autoradiography, Indoleacetic acid, Plant hormones, Plant physiology, Plant translocation, Polarization, Seedlings, Sunflowers, Tables (data). Turkish summary.

4904-69

GIBBERELLINS AS PLANT HORMONES. (DU) G W M Barendse

Vakbl Biol 48(12):203-211, REF Dec 1968 442.8 V22

Gibberellins, Plant hormones.

GROWTH RETARDANT TESTS ON POTTED POINSETTIAS.

S T Besemer

Calif Agr 21(12):6-7

Dec 1967 100 C12CAG

Chloroethyl)trimethylammonium chloride, (2-, Dimethylaminosuccinamic acid, N-, Euphorbia pulcherrima, Foliar application, Greenhouse culture, Plant biochemistry, Plant physiology, Plant regulators, Spraying.

4906-69

GIBBERELLIN DELAYS RIPENING OF TO-MATOES.

H C Dostal A C Leopold Science 158(3808):1579-1580

22 Dec 1967 470 SCI2 Ethylene, Gibberellic acid, Growth factors, Plant growth inhibitors, Plant physiology, Plant regulators, Stimulants, Tomatoes.

INFECTION STRUCTURES FROM RUST UREDIOSPORES: EFFECT OF RNA AND PROTEIN SYNTHESIS INHIBITORS.

L D Dunkle R Maheshwari P J Allen Science 163(3866):481-482 REF

31 Jan 1969 470 SCI2

Heat, Inhibitors, Plant biochemistry, Proteins, Puccinia graminis tritici, Ribonucleic acid, Rust, Synthesis, Urediospores.

4908-69

THE EFFECT OF CCC AND AMO-1618 ON GROWTH, CATALASE, PEROXIDASE AND INDOLEACETIC ACID OXIDASE ACTIVITY OF YOUNG BARLEY SEEDLINGS.

T Gaspar J Lacoppe

Physiol Plant 21(5):1104-1109 REF

20 Sep 1968 450 P564 (1)

Barley, Chloroethyl)trimethylammonium chloride, (2-, Enzymes, Indoleacetic acid, Isopropyl-4-dimethylamino-5-methylphenyl 1-piperidinecarboxy o, Peroxidases, Plant metabolism, Plant physiology, Plant regulators, Seedlings.

TRIALS WITH CARBON DIOXIDE, LIGHT AND GROWTH SUBSTANCES ON FOREST TREE PLANTS.

J E Hardh

Acta Forest Fenn 81:1-10 REF

1967 99.9 F492

Carbon dioxide, Gases, Gibberellic acid, Light, Plant nutrition, Plant physiology, Plant protection, Plastics, Tables (data), Trees. Finnish summary.

DIURNAL VARIATION IN SOME KREBS CYCLE ENZYMES IN CACTUS (NOPALEA DEJECTA) PHYLLOCLADES.

A A Khan G G Sanwal

Indian J Biochem 2(4):207-212 REF

Dec 1965 QP501.I48

Diurnal rhythm, Enzymes, Mammillaria, Plant biochemistry, Plant morphology, Tricarboxylic acid cycle.

RIBONUCLEIC ACIDS IN CROWN-GALL BACTERIA, AGROBACTERIUM TUMEFACIENS (SMITH AND TOWN), TREATED WITH SODIUM BORATE. (FR

L Le Goff

Inst Pasteur Ann 115(2):232-248 REF

Aug 1968 448.3 AN75

Agrobacterium tumefaciens, Amino acids, Bacterial diseases (plants), Boric acid, Chemical control (plant diseases), Crown galls, Plant physiology, Ribonucleic acid, Sodium borate, Tables (data). English summary.

BORON IN PLANTS: A BIOCHEMICAL ROLE.

S Lee S Aronoff

Science 158(3802):798-799

10 Nov 1967 470 SCI2

Biosynthesis, Borates, Boron, Dehydrogenases, Electrophoresis, Enzymes, Glycolysis, Necrosis, Pentoses, Phenols, Photosynthesis, Plant biochemistry, Plant metabolism, Plant nutrition.

COMPARISON OF SULPHUR DIOXIDE AND FORMALDEHYDE AS BACTERIOSTATS IN DIFFUSION. PART II.

JFT Oldfield JV Dutton D Grierson R K

Heaney H J Teague

Int Sugar J (839):330-333

Nov 1968 65.8 IN8

Bacteriostats, Biochemistry, Carbonates, Chemical reactions, Diffusion, Formaldehyde, Hydrogen-ion concentration, Liming, Sugars, Sulfur dioxide.

THE DIPYRIDILLICS IN TOMATO CULTURES.

D Picco

Notiz Mal Piante (SER 3)(3/4):273-287

1967 464.8 N84

Defoliants, Dipyridyl, Diquat, Paraquat, Plant cuttings, Plant physiology, Residues, Tomatoes. English summary.

4915-69

EFFECT OF SPARTIN UNDER DRYLAND FARMING ON SETARIA ITALICA (BEAUV.).

B Ramnath S B P Rao M J Sam S Chattopadhyay Indian J Agron 13(2):112-114

Jun 1968 22 IN235

Dry farming, Grasses, Micronutrients, Setaria italica.

4916-69

GERMINATION OF RUSSIAN THISTLE SEEDS.

W A Rhoads E F Frolich A Wallace

Calif Agr 21(7):2

Jul 1967 100 C12CAG

Curly top, Insects, Plant physiology, Salsola kali, Seed germination, Seeds, Virus diseases (plants), Weeds.

4917-69

THE DETERMINATION OF THE EMBRYO VIABILITY OF WEED SEEDS BY THE TTC METHOD. (GE)

G Rieder W Koch

Berlin Biol Bundesanst Land-forstwirtsch Mitt (121):210-213

Feb 1967 410.9 G31M

Biological assay, Plant biochemistry, Seed viability, Tetrazolium 2,3,5-triphenyl-2H chloride, Weeds. English abstract.

EFFECT OF FOLIAR SPRAYS OF PLANT REGULATORS (IAA AND GA) ON THE GROWTH AND YIELD OF KNOL KHOL (BRASSICA OLERACEA LINN. VAR. GONGYLODES).

A P Singh S N Singh

Trop Agr &peradeniya& 123(3-4,JUL-DEC):99-

Dec 1967 26 T751

Foliar application, Gibberellic acid, Indoleacetic acid, Kohlrabi, Plant physiology, Plant regulators.

Gibberellic acid effectively increased the yield of kohlrabi when applied at the rate of 10 ppm as a foliar spray.

4919-69

EFFECT OF GIBBERELLIC ACID ON THE FRUIT-SET, AND PARTHENO-CARPIC DEVELOPMENT OF FRUIT IN BHOKRI GRAPES. (VITIS VINIFERA L).

S K Sood

Lal-Baugh 13(2,APR-JUN):25-29

1967 80 L15

Bakanae disease, Chemical control (plant diseases), Fruit setting, Fungus diseases (plants), Gibberella fujikuroi, Gibberellic acid, Grapes, Plant physiology, Plant regulators, Rice, Seeds, Tables (data), Thinning (fruit).

STUDIES ON THE EFFECT OF GROWTH REGULATORS ON POLLEN GERMINATION AND TUBE GROWTH IN SHOE FLOWER (HIBISCUS ROSASINENSIS L.).

G Vilasini M K George P K Pillai

Agr Res J Kerala 5(1/2,MAR-SEP):1-11 REF 1967 22 AG823

D, 2,4-, Gibberellic acid, Hibiscus rosa-sinensis, Indoleacetic acid, Plant growth inhibitors, Plant physiology, Plant regulators, Pollen tube.

CHEMISTRY

4921-69

CARE AND USE OF VETERINARY BIOLOG-ICS.

USDA PA- (841):7P

Jun 1968 1 AG84PRO

Animal diseases, Biological products, Drug therapy, Drugs, Veterinary medicine.

TRICARBOXYLIC ACID CYCLE ACTIVITY IN A PSEUDOMONAD.

S K Basu A M Chakrabarty

Indian J Biochem 2(4):230-234 REF

Dec 1965 QP501.I48

Bacteria, Biochemistry, Pseudomonadaceae, Tricarboxylic acid cycle.

EFFICIENCY PARAMETERS OF GAS CHROMATOGRAPHY COLUMNS USED IN PESTICIDE RESIDUE ANALYSIS.

D C Bostwick L Giuffrida

Ass Offic Anal Chem J 51(1):34-39 REF

Jan 1968 381 AS7

Chemical analysis, Chromatography, Pesticide residues.

4924-69

HEAT-STABLE ELEMENTS IN COMMERCIAL PREPARATIONS BASED ON BACILLUS THURINGIENSIS BERLINER. (FR)

A Burgerjon

Entomophaga Mem Hors Ser (2):227-237 REF 1964 421 EN835M

Bacillus thuringiensis, Biological assay, Heat, Toxins. English summary.

4925-69

POLYGUANYLIC ACID AND ITS EFFECT ON AMINO ACID INCORPORATION.

A K Chakravorty B B Biswas

Indian J Biochem 2(4):275-277 REF

Dec 1965 OP501.I48

Amino acids, Biochemistry, Enzymes, Polyguanylic acid.

4926-69

STRUCTURE OF KLEIN'S METABOLITES OF ALDRIN AND OF DIELDRIN.

J N Damico J T Chen C E Costello E O Haenni Ass Offic Anal Chem J 51(1):48-55

Jan 1968 381 AS7

Aldrin, Chemical reactions, Chromatography, Dieldrin, Ionization, Metabolites, Molecular weight, Pesticides, Rats, Spectrometry, Tables (data), Urine.

4927-69

BIOCHEMISTRY THE OF **VIBRIO** CHOLERAE: PART IV. AC NUCLEOTIDE CONSTITUENTS. **ACID SOLUBLE**

K Deshmukh K Ganapathi

Indian J Biochem 2(4):234-236 REF

Dec 1965 QP501.I48

Acids, Bacteria, Biochemistry, Nucleotides, Solubility, Vibrio comma.

SCREENING METHOD FOR ZEARALENONE. AFLATOXIN, AND OCHRATOXIN.

R M Eppley

Ass Offic Anal Chem J 51(1):74-78 REF

Jan 1968 381 AS7

Aflatoxin, Chloroform, Chromatography, Coffee, Columns (process), Cottonseed, Molds, Mycotoxins, Ochratoxin, Redpeppers (vegetable), Silica gels, Toxins, Water analysis, Zearalenone.

PESTICIDE HANDBOOK - ENTOMA - 1968.

D E H Frear

College Science Publishers, Pa. 323P 1968 225 F87

Handbooks, Pesticides.

4930-69

EFFECT OF ULTRAVIOLET RADIATION ON THE OXIDATION OF CERTAIN KREBS CYCLE SUBSTRATES IN VIBRIO CHOLERAE.

N K Kapoor P Sagar S C Agarwala Indian J Biochem 2(4):237-240 REF

Dec 1965 QP501.I48

Bacteria, Biochemistry, Irradiation, Oxidation, Substrates, Tricarboxylic acid cycle, Ultraviolet rays, Vibrio comma.

PROTON MAGNETIC RESONANCE SPECTRA OF SOME PHENYL-PHOSPHORUS COM-POUNDS.

R Keat

Chem Indus (40):1362-1363

05 Oct 1968 382 M31C

Absorption spectra, Cell nucleus, Chemistry, Nuclear magnetic resonance, Organophosphorus compounds, Oxides, Phosphine, Phosphorus isotopes.

4932-69

SOME BIOCHEMICAL CHANGES TAKING PLACE IN THE COURSE OF THE TRANSFORMATION OF STREPTOMYCIN RESISTANCE IN STREPTOCOCCI. (RUS

A N Klimov M M Krasilnikova I M Terioshin Genetika 4(7):101-107 REF

1968 OH431.AIG4

Antibiotics, Bacteria, Biochemistry, Cells, Deoxyribonucleic acid, Immunity, Resistance, Ribonucleic acid, Streptococcus, Streptomycin. Resistance, English summary.

THE COMPARATIVE ACTIONS OF UREA AND THIOGLYCOLATE ON THE REPRESENTATIVE TOXIN OF BACILLUS THURINGIENSIS. (FR)

M-M Lecadet

Acad Sci Compt Rend Ser D Sci Nat 264(24, 1ST SEMESTER):2847-2850

12 Jun 1967 505 P21

Bacillus thuringiensis, Biochemistry, Toxins, Urea.

VARIATION OF FLORISIL ACTIVITY: SIMPLE METHOD FOR MEASURING ADSORBENT CAPACITY AND ITS USE IN STANDARDIZING FLORISIL COLUMNS.

P A Mills

Ass Offic Anal Chem J 51(1):29-32

Jan 1968 381 AS7

Adsorption, Chromatography, Florisil, Hexane, Pesticide residues, Sodium sulfates.

SYNTHESIS OF SUBSTANCES RELATED TO GIBBERELLINS. PART XVIII. TOTAL SYNTHESIS OF (PLUS OR MINUS) GIBBERELLINS A A SUBSCRIPT 4, A SUBSCRIPT 9, AND A SUBSCRIPT 10.

K Mori M Shiozaki N Itaya T Ogawa M Matsui Y Sumiki

Tetrahedron Lett (18):2183-2188 REF

Mar 1968 385 T29

Chemical reactions, Chemicals, Chromatography, Gibberellins, Synthesis.

4936-69

INTRACELLULAR LOCALIZATION CHARACTERISTICS OF LA LACTATE DEHYDROGENASE ACTIVITY MONELLA TYPHOSA (NCTC 8385). OF

M M R Nasir C R K Murti

Indian J Biochem 2(4):225-229 REF

Dec 1965 QP501.I48

Bacteria, Biochemistry, Cells, Dehydrogenases, Lactates, Salmonella typhosa.

4937-69

A PRELIMINARY STUDY OF THE EXTRACTION OF PARATHION AND DIAZINON BY THE MILLS, ONLEY, GAITHER ACETONITRILE PROCEDURE.

M L Porter J A Burke

Ass Offic Anal Chem J 51(1):63-64

Jan 1968 381 AS7

Acetonitrile, Diazinon, Extraction, Kale. Parathion, Pesticide residues, Radioactivity, Spraying.

4938-69

TLC SPOTTING SOLVENT FOR AFLATOXINS.

L Stoloff A C Beckwith M E Cushmac

Ass Offic Anal Chem J 51(1):65-67

Jan 1968 381 AS7

Aflatoxin, Benzene, Chemical reactions, Chloroform, Chromatography, Ethyl alcohol, Silica gels.

4939-69

COMPOSITION ACID **PHOSPHATIDYL ETHANOLAMINE** OF MYCOBACTERIUM TUBERCULOSIS.

D Subrahmanyam

Indian J Biochem 2(4):274-275

Dec 1965 QP501.I48

Biochemistry, Fatty acids, Mycobacterium tu-berculosis, Phosphatidylethanolamine.

4940-69

EFFECTS OF CHEMICAL PRESERVATIVES AND STORAGE ON CONSTITUENTS USED TO CHARACTERIZE LEMON JUICE.

C E Vandercook H C Guerrero

Ass Offic Anal Chem J 51(1):6-10 REF

Jan 1968 381 AS7

Chemical reactions, Food preservatives, Lemons, Phenols, Potassium sorbate, Storage, Sulfur dioxide, Temperature.

4941-69

THEORY OF DISINFECTANT TESTING.

A H Walters

Chem Indus (40):1339-1341

05 Oct 1968 382 M31C

Antiseptics, Chemicals, Chemistry, Mathematical analysis, Research.

4942-69

EXTRACTION AND CLEANUP PROCEDURE FOR THE GAS CHROMATOGRAPHIC DETER-MINATION OF FOUR DINITROPHENOLIC PECTICIDES.

G Yip S F Howard

Ass Offic Anal Chem J 51(1):24-28

Jan 1968 381 AS7

Cleanup, Dinitro-o-sec-amylphenol, Dinitrobutylphenol, Dinitrocresol, Dinitrophenols, Extraction, Herbicides, Pesticide residues.

ENGINEERING

4943-69

AG FIRM CONCENTRATES ON WATERLESS SPRAYING.

Anonymous

Aerial Appl 6(8):6 Aug 1968 333.8 AE8

Aerial spraying, Aircraft, Chemical control (pests), Dosage, Economics, Insect pests, Rice.

AIRCRAFT OPERATIONS IN THE COLUSA PROJECT.

W E Burgoyne N B Akesson

Down Earth 24(2,FALL):7-10 MAP

1968 381 D75

Aerial spraying, Anopheles, Chemical control (insects), Culex, Culicidae, Dosage, Economics, Equipment, Helicopters, Insecticide application,

4945-69

THE MACHINERY GENERALLY USED FOR EFFICIENT STERILIZATION AND DISINFESTATION OF THE SOIL. (IT)

G Censi

Notiz Mal Piante (SER 3)(3/4):67-74

1967 464.8 N84

Animals, Chemical control (pests), Equipment, Fumigants, Plants, Soil fumigation, Soil microorganisms, Soil sterilization. English summary.

FOR A BETTER AND MORE PROFITABLE TECHNIQUE IN THE APPLICATION OF SOIL **FUMIGANTS. (IT)**

A Sprea

Notiz Mal Piante (SER 3)(3/4):253-258

1967 464.8 N84

Equipment, Nematodes, Pesticide application, Soil fumigation, Tractors. English summary.

INDUSTRY

4947-69

SOME FACTORS AFFECTING THE CHOICE OF MATERIALS FOR CHEMICAL PLANT EQUIPMENT.

A J P Tucker

Chem Proc 3(4,AUG-SEP):89-92

1968 TPi.S6

Chemicals, Construction materials, Corrosion, Economics, Engineering, Equipment, Industry, Temperature.

ECONOMICS

4948-69

HOW IAN HENDRIF IS STEERING SHELL INTERNATIONAL INTO EXPANDING PESTICIDE MARKETS.

Farm Chem 131(10):15-22

Oct 1968 57.8 AM3

International cooperation, Market development, Pesticides, Research.

NPCA CONFERENCE SPEAKERS HIT PCO PRICING METHODS.

Anonymous

Pest Contr 36(12):20-22,24,26,28,30

Dec 1968 449.8 EX8

Advertising, Agricultural organizations, Conferences, Management, Pest control operators, Price control.

SODIUM TRI-POLYPHOSPHATE CARRIED BY TANKER.

Anonymous

Chem Proc 3(4,AUG-SEP):102

1968 TP1.S6

Chemicals, Equipment, Sodium tripolyphosphate, Tank trucks, Transportation.

1969-PEST **CONTROL'S ECONOMIC** FORECAST.

Anonymous

Pest Contr 36(12):9-10,12,30-33

Dec 1968 449.8 EX8

Advertising, Agricultural statistics, Economic forecasting, Government aid, Housing, Pest control operators, Public relations, Sales, Surveys.

4952-69

THE PESTICIDE REVIEW.

Anonymus

Agr Chem 24(2):15-17

Feb 1969 381 AG8

Chemical control (insects), Chemical control (pests), Chemical control (plant diseases), Chemical control (weeds), Chemicals, Consumption, Fumigants, Fungicides, Herbicides, Insecticides, Manufacturing costs, Minerals, Pesticides, Sales, Silicates, Supply and demand.

4953.69

THE COTTON FARMER OF THE YEAR.

Cotton Farming Suppl Crops Mid-S Ed 11(10,NOV-DEC):18-19

1967 72.8 C8296

Agricultural economics, Cotton, Crop yields, Farmers.

4954-69

AN INVENTORY OF MARKET NEWS RE-PORTS FOR POULTRY.

F L Faber D E Stringer

USDA Econ Res Serv ERS (374):33P

Apr 1968 A281.9 AG83E

Marketing costs, Poultry, Regions.

ON THE INFLUENCE OF EFFLUENT OF THE STARCH FACTORY UPON THE YUBETSU RIVER AND THE SHOKOTSU RIVER, AND OF EFFLUENT OF THE BEST FACTORY UPON THE BENTHIC ANIMALS IN THE ABASHIRI RIVER (HOKKAIDO).

K Gose

Jap J Ecol 17(4):137

Aug 1967 410 J272

Animals, Beets, Industrial wastes, Reproduction, Research, Starches. English summary

4956-69

WE CAN SOLVE INTERNATIONAL RESIDUE PROBLEM IF...

H Hurtig Farm Chem 131(10):54.56,58

Oct 1968 57.8 AM3

Agricultural policies, Extension work, International cooperation, Pesticide residues.

4957-69

SOME PROBLEMS OF METHOD AND CONTENT IN WORKING-UP A FORECAST - DEMONSTRATED ON THE EXAMPLE OF THE PLANT PROTECTION- AND PESTICIDE MANUFACTURING INDUSTRY. (GE)

F Schapitz

Chem Tech 20(8):498-499

Aug 1968 384 C4283

Economic forecasting, Industry, Insecticides, Pest control, Plant protection.

4958-69

THE PRACTICAL USE OF AERIAL APPLICATION.

C M Voss

Agr Chem 23(3):25-28

Mar 1968 381 AG8

Aerial spraying, Agricultural regulation, Economics, Equipment, Pesticide application. This article is based on a talk by Dr. Voss at an Agricul-tural Chemical Workers Pest Control School, Aug. 29, at Penn. State Univ.

EDUCATION

4959-69

HOW TO PREVENT AND REMOVE MILDEW; HOME METHODS.

U S D A Home Gard Bull (68):1-13

Jul 1968 1 AG84HG

Absorption, Aluminum oxide, Calcium chloride, Fungi, Fungicides, Humidity, Mildew, Silica gels, Spraying.

4960-69

OUR STRUGGLE AGAINST PESTS.

Anonymous

Pest Contr Oper News 27(7):5-6,8,10

Jul 1967 SB951.A1P4

Accident prevention, Chemicals, Industry, Insect pests, Legislation, Pest control operators, Pesticides, Public health, Public relations, Research. This was part one of a two part article

REGULATIONS

4961-69

WATER POLLUTION LAWS CALLED AMBIGUOUS WEAK.

Anonymous

Calif Cattleman 51(10):34

Nov 1968 43.8 C12

Agricultural legislation, Agricultural regulation, Degradation, Water analysis, Water pollution.

4962-69

PART II PROPOSED FOR PARAQUAT.

Anonymous

Phar J 201(5470):190

31 Aug 1968 396.8 P49

Chemical control (weeds), Death, Herbicides, Legislation, Paraquat, Pesticides, Poisons, Regulations. Changes in the poisons list and rules were

proposed.

4963-69

PLANT AND PROFIT IN '68.

A Ballinger

Cotton Farming Suppl Crops Mid-S Ed 11(10,NOV-DEC):10,15

1967 72.8 C8296

Agricultural economics, Agricultural legislation, Agricultural regulation, Cotton, Crop yields, Plant-

4964-69

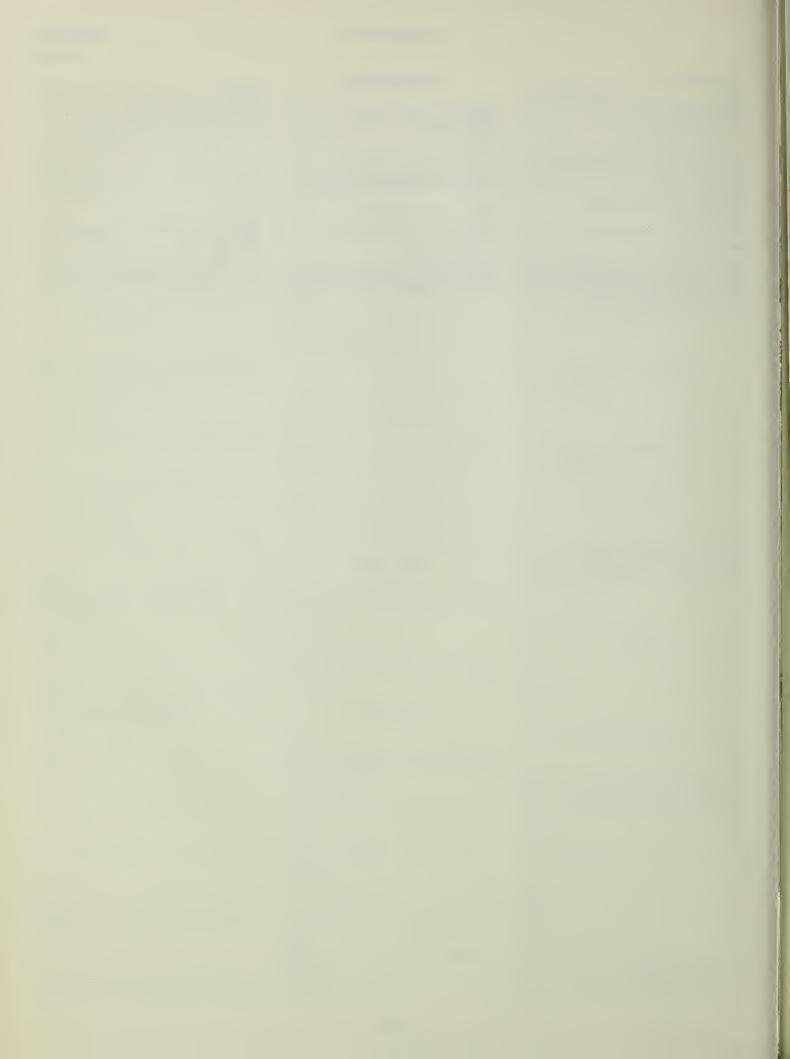
THE LAW AND THE USE OF PESTICIDES.

W Carlson

Ill Agr Econ 8(2):9-16

Jul 1968 281.9 IL1

Aerial spraying, Agricultural regulation, Chemical control (weeds), Farmers, Herbicides, Legislation, Pesticides, Plant protection.



SUBJECT IND EX

ABDOMEN The presence of volatile fatty acids in the gut of a higher termite (Microcerotermes edentatus	Contribution to the biological study of the Diptera Sarcophagidae, parasites of acridids. The biological cycle of Blaesoxipha rossica Vill., in-	Study of the virus disease of Neodiprion swainer Midd. and results of its aerial dispersion. 4758
Was., Amitermitinae).	jection of larvae in the body of the host by the female Sarcophagidae.	Chemical weed control and defoliation in potato fields. In: Collection of reports given at the Inter-
ABIES ALBA First occurrence of balsam woolly aphid in the interior of British Columbia.	DNA synthesis in the neo-X neo-Y sex deter-	national Herbicide Conference, Prague, June 21- 24, 1966.
4441	mination system of Dichroplus bergi (Orthoptera: Acrididae).	Persistence and movement of parathion in irriga-
ABIES CONCOLOR First occurrence of balsam woolly aphid in the interior of British Columbia.	Synapsis and crossing over within a paracentric	tion waters. 4871
4441	inversion in the grasshopper, Camnula pellucida. 4644	Effects of low volume aerial spraying of Dursban and fenthion on fish.
ABIES LASIOCARPA First occurrence of balsam woolly aphid in the interior of British Columbia.	Some pests of ornamental plants in Madras. 4735	A look at the plant pest control divison.
ABSORPTION 4441	ACROLEPIA ASSECTELLA The importance of heterogeneity in the sexual at-	4887 Ag firm concentrates on waterless spraying.
Intestinal transport and metabolism of D-amino acids in the silkworm, Bombyx mori L.	traction exercised by female Acrolepia assectella Zeller. 4587	4943 Aircraft operations in the Colusa project.
How to prevent and remove mildew; home	ACTINOMYCETES	4944 The practical use of aerial application.
methods.	Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal.	4958 The law and the use of pesticides.
ABSORPTION SPECTRA Proton magnetic resonance spectra of some	ACULEATA 4667	4964 AFLATOXIN
phenyl-phosphorus compounds. 4931	Community studies on Hymenoptera found on Brassica napus. Part IV. Aculeata.	Screening method for zearalenone, aflatoxin, and ochratoxin.
ACARI Chelacheles michalskii n. sp. (Acari,	4567 ACYRTHOSIPHON PISUM	4928 TLC spotting solvent for aflatoxins.
Cheyletidae).	Aphidius smithi Sharma and Subba Rao (Hymenoptera: Aphidiidae) a parasite of the pea	4938
ACARICIDES Spider mites on cotton; how to control them.	aphid new in Southern Ontario. 4350	AFRICAN HORSE SICKNESS Quantitative studies on the neutralization reaction between African horse-sickness virus and
4737 Some observations concerning the maximum	ADELGES Respective roles of the pathogen and gall mites	antiserum. 4817
dosage ordinance. 4897	in the morphogenesis and histo-cytological development of two Chermesidae galls. Placed in	AGAR A new culture method for Rhynchosciara.
ACARINA The discovery in France of the Acarina Nemata-	evidence by the achievement of two similarly mixed galls.	4563 Studies on the application of electrophoresis to
lycidae Strenzke while organizing the material from Languedoc-Rousillon.	ADELGES PICEAE First occurrence of balsam woolly aphid in the	the isolation of RNA infective fractions from tobacco plants infected with the potato virus X.
ACCIDENT PREVENTION Insect and mite control on nursery stock in Ohio. 4743	interior of British Columbia. 4441 ADSORPTION	 Characterisation of RNA preparations from tobacco leaves, analysed by means of elec- trophoresis in coloured agar gels.
Use insecticides safely.	Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in stan-	AGGLUTINATION
Our struggle against pests.	dardizing Florisil columns. 4934	Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850
ACETAMIDE	ADVERTISING NPCA conference speakers hit PCO pricing	AGING
Incorporation of tritium-acetamide and tritium- thymidine into the eye disks of Drosophila melanogaster.	methods. 4949	A criterion of transformation for age-weight data on insect larval growth. 4481
ACETONE 4639	1969-Pest Control's economic forecast. 4951	The incidence and burden of Hymenolepis diminuta cysticerloids as a function of the age of
Attractant and feeding responses of hickory suckworm larvae to certain extracts of pecan	AL.)ES Mosquito pollination of Habenaria obtusata	the intermediate host, Tribolium confusum.
shucks. 4514	(Orchidaceae).	Red rot in residual ponderosa pine stands on the Navajo Indian Reservation.
ACETONITRILE A preliminary study of the extraction of	AEDES AEGYPTI Spermiogenesis in Aedes aegypti (L.).	4663 Changes in fungi with age. iv. Role of coenzymes
parathion and Diazinon by the Mills, Onley, Gaither Acetonitrile Procedure.	4536 An evaluation of the effects of the Aedes aegypti	in the respiratory decreases in Rhizoctonia solani and Sclerotium bataticola.
ACHETA DOMESTICUS 4937	eradication program on wildlife in South Florida. 4884	4669 AGONUM MUELLERI
Tritium labelling and cytochemistry of extra DNA in Acheta.	AERIAL FERTILIZING Fertilization of semi-mature stands in Newfoun-	Distribution and distributional centers of North Atlantic insects.
ACHROIA GRISELLA	dland. 4652	4407 AGRICULTURAL ECONOMICS
Susceptibility of different stored-products moth larvae to Bacillus thuringiensis. 4867	A):RIAL SPRAYING A comparative study on the effects of aerial ver-	Annual report of the Department of Agriculture for the year 1962/63. (II).
ACID PHOSPHATASE Studies of serum enzymes in swine infected by	sus ground spraying of poisoned baits against the Mediterranean fruit fly on the natural enemies of	4665 New fungicide promises effective and economi-
two strains of hog cholera virus.	scale insects in citrus groves. 4454	cal plant disease control. 4682
ACIDS	New fungicide for potato blight. 4684	The cotton farmer of the year. 4953
The biochemistry of Vibrio cholerae: Part IV. Acid soluble nucleotide constituents. 4927	Sugar beet crop protected through aerial application.	Plant and profit in '68.
ACRIDIDAE	4721	AGRICULTURAL INDUSTRIES
New species of Meubelia Willemse, 1932, from the Philippines (Orthoptera: Pyrgomorphidae).	Control of date palm leafhoppers in Iraq by aerial spraying. 4739	Annual report of the Department of Agriculture for the year 1962/63. (II).
7700	1,103	

SUBJECT INDEX

Some pests of ornamental plants in Madras.

AMITOSIS

Experimental

induction of androgenesis,

4836

ALDRIN

AGRICULTURAL ORGANIZATIONS

AGRICULTURAL LEGISLATION
Water pollution laws called ambiguous weak

4561

Plant and profit in '40	4735	treatment with CO2 gas.
Plant and profit in '68.	Narcissus flies.	4647
	4748	AMITROLE
AGRICULTURAL ORGANIZATIONS NPCA conference speakers hit PCO pricing	Problems in monitoring DDT and its metabolites	Blackberry control near orchards and vegetable
methods.	in the environment.	gardens.
4949	4889	4770
AGRICULTURAL OUTLOOK	Pesticide residues in cultivated mushrooms.	AMPHOROPHORA RUBI
Pessimism over crop diseases.	4891	Several measures used to combat fruit plant
4679	Structure of Klein's metabolites of aldrin and of	viruses.
The nourishment of milk calves is essential for	dieldrin.	4731
the future of the product.	4926	A new gene from Rubus occidentalis L. for re-
4787	ALFALFA	sistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt.
AGRICULTURAL POLICIES	A record of Megachile rotundata (F.) from Ash-	4746
We can solve international residue problem if	croft. British Columbia.	AMPROLIUM
4956		The Amprolium-Ethopabate combination. A
AGRICULTURAL PRODUCTIVITY	ALKALINE PHOSPHATASE	new stage in the prevention of avian coccidiosis.
The individual.	Studies of serum enzymes in swine infected by two strains of hog cholera virus.	4720
	4804	Note on modifications of the AOAC method for
AGRICULTURAL PRODUCTS Tolorongus and exemptions from tolorongus for	ALLERGIES	amprolium in feed concentrates.
Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural	Sensitiveness of E. coli isolated from the in-	4895
commodities. Parathion or its methyl homolog.	testines of broilers in the terrain to chlortetra-	ANAEROBES
4881	cyclin, streptomycin and furazolidon in 1966.	General method for the culture of helminths in
Tolerances and exemptions from tolerances for	4795	anaerobic conditions. 4854
pesticide chemicals in or on raw agricultrual	ALMONDS	ANAGASTA KUEHNIELLA
commodities. Dodecachlorooctahydro-1,3,4-	Studies of phytotoxicity in the use of herbicides	Results of experiments carried out in Hungary
metheno-2th-cyclobuta (cd) pentalene.	for controlling annual weeds in almond orchards.	with Bacillus thuringiensis.
4882	4780	4525
AGRICULTURAL REGULATION	ALUMINUM OXIDE	Information on a natural bacterial epizootic dis-
Domestic quarantine notices. Soybean cyst ne-	How to prevent and remove mildew; home	ease on Ephestia kuhniella Zeller, caused by a
matode. Quarantine and regulations.	methods.	bacillus of the type of Bacillus thuringiensis.
	4959	4537
The practical use of aerial application. 4958	AMETRYNE	Insect pathogens and microbial control of insects
	Possibilities of limiting tillage measures in potato	in stored products. I. Test with Bacillus thurin-
Water pollution laws called ambiguous weak . 4961	cultures when using herbicides. In: Collection of	giensis Berliner against moths.
	reports given at the International Herbicide Con-	4864
Plant and profit in '68.	ference, Prague, June 21-24, 1966.	Susceptibility of different stored-products moth
		larvae to Bacillus thuringiensis. 4867
The law and the use of pesticides.	AMINO ACIDS	
AGRICULTURAL STATISTICS	Amino acid requirements of the cotton stainer,	ANARTA LAPPONICA Distribution and distributional centers of North
Annual report of the Department of Agriculture	Dysdercus fasciatus Signoret (Pyrrhocoridae, Hemiptera).	Atlantic insects.
for the year 1962/63. (II).	4447	4407
4665	Nutrition of the silkworm, Bombyx mori. XVI.	ANATOMY
1969-Pest Control's economic forecast.	Quantitative requirements for essential amino	The role of nematodes in horticulture.
4951	acids.	4767
AGRICULTURE	4451	ANCYLOSTOMA DUODENALE
Plant protection in agriculture.	Nutrition of the silkworm, Bombyx mori. XVII.	Evaluation of the anthelmintic activity of
4670	Effect of dietary levels of amino acids on growth	thiabendazole in man. (abstract).
AGROBACTERIUM TUMEFACIENS	of fifth-instar larvae and on cocoon quality.	4860
The influence of illumination on the develop-	4517	ANGULAR LEAFSPOT
ment of tumors caused by Agrobacterium tu-	Nutritional requirements and artifical diets for	Breeding work for the creation of glandless cotton varieties in chad.
mefaciens (Smith and Town) Conn. on pea seedlings, Pisum sativum L	the silkworm, Bombyx mori L.	ton varieties in chad.
4707	4518	ANIMAL BREEDING
Ribonucleic acids in crown-gall bacteria,	Intestinal transport and metabolism of D-amino	The individual.
Agrobacterium tumefaciens (Smith and Town),	acids in the silkworm, Bombyx mori L. 4599	4789
treated with sodium borate.		ANIMAL DISEASE TRANSMISSION
4911	Feeding and nutrition of Lygus hesperus. III.	Persistance of the genome of the Rous virus in
AGROPYRON REPENS	Limited growth and development on a meridic diet.	hamster cells changed in vitro, and the action of
Black stem- the second stem disease of grains.	4602	inactivated Sendai virus on its transmission to
4734	Rhizosphere root exudates and their effect on	chick cells.
AGROSTIS	microbial activity.	ANIMAL DISEASES
Zanclognatha tenuialis Rebel in France (in Alsace and L'Isere) (Len Noctuides Hyperinae)	4662	The individual.
sace and L'Isere). (Lep. Noctuidae, Hypeninae).	Regulation of branched-chain amino acid	4789
AGROTIS	biosynthesis in Salmonella typhimurium: Isola-	Protective action of the encephalitogen and
Some pests of ornamental plants in Madras.	tion of regulatory mutants.	other basic proteins in experimental allergic en-
4735	4801	cephalomyelitis.
AIR POLLUTION	Ribonucleic acids in crown-gall bacteria,	4808
Pesticides in people. Storage of DDT in the peo-	Agrobacterium tumefaciens (Smith and Town),	Toxoplasma gondii: Fecal forms separated from
ple of Israel.	treated with sodium borate.	eggs of the nematode Toxocara cati.
4890	4911	4811
AIRCRAFT	Polyguanylic acid and its effect on amino acid in-	Sideroleucocytes as a diagnostic aid in equine in-
Ag firm concentrates on waterless spraying.	corporation.	fectious anaemia.
4943	4925	
ALBINISM	AMINO-1,2,4-THIAZOLE, 3-	Sudden death in feeder pigs. 4816
Polyacrylamide gel electrophoretic analysis of the proteins of Locusta migratoria (L.) and the	The effect of 3-amino-1,2,4-triazole on the ultrastructure of plastide of Triticum vulgare	Experiences about the tolerance and use of
corresponding albino mutant.	trastructure of plastids of Triticum vulgare seedlings.	Stagloban in the dog.
	300dinigs.	Jugiovan in the dog.

4685

Staphylococcal intoxication of young suckling whelps.	the International Herbicide Conference, Prague, June 21-24, 1966.	ANTIOXIDANTS On the antioxidative mechanism of alpha-, beta-,
4840	4774	gamma- and delta tocopherols in lard.
Toxoplasma gondii: Transmission through feces in absence of Toxocara cati eggs.	ANOMIS SABULIFERA A preliminary study on the polyhedrosis virus of jute semilooper, Anomis sabulifera Guen.	4865 ANTISEPTICS Effect of some disinfectants on the flacherie
Therapeutic effect of SDDS (2-sulfamoyl-4,4'-	Jute seminooper, Anomis sabumera Guen. 4516	virus of the silkworm, Bombyx mori L.
diaminodiphenyl sulfone) on experimental tox-	ANOPHELES	4617
oplasmosis.	Aircraft operations in the Colusa project.	The effects of soil sterilization procedures on the
4843	4944	microbiological equilibrium of the soil.
The myiasis fly of the African aardvark (Oryc-	ANOPHELES QUADRIMACULATUS	4672
teropus afer (Pallas)).	Use of cherry-laurel foliage for preparation of an	Theory of disinfectant testing.
	effective insect-killing jar.	4941
Thiabendazole as a broad-spectrum anthelmintic. (abstract).	4504	ANTISERUM
4853	ANTENNAE	The physio-pathology of chicken caecal coc-
Some pathological effects of sub-acute and acute	Electrophysiological evidence of the tactile func-	cidiosis: Experimental study of immunogenesis,
poisoning of rainbow trout by phenol in hard	tion of the sensillary trichia on the antenna of the Speophyes lucidulus Delarouzee (cave Coleop-	action of specific antilymphocytic sera. 4809
water.	tera) larva.	Quantitative studies on the neutralization reac-
4898	4479	tion between African horse-sickness virus and
Care and use of veterinary biologics. 4921	ANTHELMINTICS	antiserum.
	Thiabendazole as a broad-spectrum anthelmin-	4817
ANIMAL HISTOLOGY Sudden death in feeder pigs.	tic. (abstract).	AONIDIELLA AURANTII
4816	4853	Test on the use of Fusarium episphaeria f. cocco-
Nymphal stage of Linguatula serrata found in	Evaluation of the anthelmintic activity of	phila (Desm.) Snyder and Hansen in the control of the California red scale, Aonidiella aurantii.
mesenteric lymph node of a bovine.	thiabendazole in man. (abstract).	4483
4861	ANTHERAEA EUCALYPTI	The biological control of red scale, Aonidiella
Effects of chronic exposure to zinc on toxicity of	The problem of viral latency in insect tissue cul-	aurantii (Mask.), on citrus in South Africa.
a mixture of detergent and zinc. 4894	tures.	4741
	4484	Imported and indigenous natural enemies of
ANIMAL MORPHOLOGY The individual.	ANTHERAEA PERNYI	citrus coccids and aphids in Cyprus, and an as-
4789	Histochemical data on the neurosecretory allata	sessment of their potential value in integrated
ANIMAL NUTRITION	terminations in Antheraea pernyi Guer.	control programmes. 4763
The nourishment of milk calves is essential for	(Lepidoptera, Attacidae) and in Rhodnius prolixus Stal. (Hemiptera, Reduviidae).	APANTELES CONGREGATUS
the future of the product.	4469	Diapause in Apanteles congregatus.
4787	ANTHONOMUS GRANDIS	4586
Host-parasite relationship. 1. Studies on the	The boll weevil; How to control it. Part II.	APHELINIDAE
productivity of sheep as affected by Haemonchosis.	4348	The ecological importance of the predatory
4858	Effect of melatonin on egg production of the boll	behavior of Aphelinus asychis Walker, Hym.,
	Effect of melatonin on egg production of the boll weevil, Anthonomus grandis.	Aphelinidae, an endoparasite of Purcerons
ANIMAL PHYSIOLOGY The individual.	weevil, Anthonomus grandis. 4571	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae).
ANIMAL PHYSIOLOGY The individual. 4789	weevil, Anthonomus grandis. 4571 ANTIBIOSIS	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae).
4858 ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal ac-	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with
4858 ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homop-
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera).
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera).
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (A-
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease follow-	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera).
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease follow-	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor lb.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym.,
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae).
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor lb. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae).
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae).
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. Il. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnia (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to en-
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor lb. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reac-	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor lb. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reac-	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. Il. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. Ill. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides.	weevil, Anthonomus grandis. ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in	weevil, Anthonomus grandis. ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. Il. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. Ill. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides.	weevil, Anthonomus grandis. 4571 ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid,
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material.	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. Ill. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the soil.	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 ANTIGENS	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. Ill. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the soil.	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt. 4746 Hard-to-kill pests of fruit treeswoolly apple-
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ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the starch factory upon the Yubetsu River and the Shokotsu river,	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 ANTIGENS Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt. 4746 Hard-to-kill pests of fruit treeswoolly appleaphid.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the soil. 4945 On the influence of effluent of the starch factory	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 ANTIGENS Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis. 4808 Incidence of hydatosis in livestock in Lahore.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt. 4746 Hard-to-kill pests of fruit treeswoolly appleaphid. 4747 Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the soil. 4945 On the influence of effluent of the starch factory upon the Yubetsu River and the Shokotsu river, and of effluent of the best factory upon the benthic animals in the Abashiri River (Hok-kaido).	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 ANTIGENS Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis. 4808 Incidence of hydatosis in livestock in Lahore.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt. 4746 Hard-to-kill pests of fruit trees-woolly appleaphid. 4747 Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in Kerala.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the soil. 4945 On the influence of effluent of the starch factory upon the Yubetsu River and the Shokotsu river, and of effluent of the best factory upon the benthic animals in the Abashiri River (Hok-kaido).	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 ANTIGENS Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis. 4808 Incidence of hydatosis in livestock in Lahore. 4842 Serum antibody to Salmonella flagellar antigens.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt. 4746 Hard-to-kill pests of fruit trees-woolly appleaphid. 4747 Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in Kerala.
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the soil. 4945 On the influence of effluent of the starch factory upon the Yubetsu River and the Shokotsu river, and of effluent of the best factory upon the benthic animals in the Abashiri River (Hokkaido). 4955 ANNUAL PLANTS	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 ANTIGENS Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis. 4808 Incidence of hydatosis in livestock in Lahore.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt. 4746 Hard-to-kill pests of fruit treeswoolly appleaphid. 4747 Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in Kerala. 4752 Imported and indigenous natural enemies of
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the soil. 4945 On the influence of effluent of the starch factory upon the Yubetsu River and the Shokotsu river, and of effluent of the best factory upon the benthic animals in the Abashiri River (Hok-kaido). 4955 ANNUAL PLANTS Comparison of various methods for the deter-	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 ANTIGENS Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis. 4808 Incidence of hydatosis in livestock in Lahore. 4842 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt. 4746 Hard-to-kill pests of fruit trees-woolly appleaphid. 4747 Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in Kerala. 4752 Imported and indigenous natural enemies of citrus coccids and aphids in Cyprus, and an as-
ANIMAL PHYSIOLOGY The individual. 4789 Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831 ANIMAL VECTORS The epizootiological importance of foot-andmouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine. 4827 ANIMALS First records of eye-frequenting moths from Ceylon. 4365 Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS. 4851 Our struggle against pests. II. 4872 Search for new insecticides. 4893 An analytical method for determining arsenic in biological material. 4900 The machinery generally used for efficient sterilization and disinfestation of the soil. 4945 On the influence of effluent of the starch factory upon the Yubetsu River and the Shokotsu river, and of effluent of the best factory upon the benthic animals in the Abashiri River (Hokkaido). 4955 ANNUAL PLANTS	ANTIBIOSIS Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 ANTIBIOTICS The nourishment of milk calves is essential for the future of the product. 4787 Isolation of conjugation-constitutive mutants of Colicin factor Ib. 4832 Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci. 4932 ANTIBODIES Quantitative studies on the neutralization reaction between African horse-sickness virus and antiserum. 4817 Opsonins examination in the mouse after endotoxin-induced resistance to infection. 4833 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 ANTIGENS Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis. 4808 Incidence of hydatosis in livestock in Lahore. 4842 Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay.	Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 APHIDIDAE A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homoptera). 4402 Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe. 4420 The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae). 4566 Notes on insect and gastropode damage to enclosed cotton plantations. 4671 The viruses of the black and red currant. 4705 The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L. 4736 A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt. 4746 Hard-to-kill pests of fruit treeswoolly appleaphid. 4747 Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in Kerala. 4752 Imported and indigenous natural enemies of

APHIDIUS SMITHI APHIDIUS SMITHI

Aphidius smithi Sharma and Subba (Hymenoptera: Aphidiidae) a parasite of t aphid new in Southern Ontario.	Rao he pea
aphid new in Southern Ontario.	4350
APHIS GOSSYPII	
Toxicity of organophosphorous insecticide plied as foliar spray, soil drench and seed	es ap-
plied as foliar spray, soil drench and seed	treat-
ment to Aphis gossypii Glover (Aphi Homoptera).	ididae:
Homopiera).	4757
APHYTIS LEPIDOSAPHES	
Imported and indigenous natural enem	ies of
citrus coccids and aphids in Cyprus, and	an as-
sessment of their potential value in inte	grated
control programmes.	
	4763
APIS MELLIFERA	C 1
The influence of the brood comb on	
exchange between honeybee workers (Ap lifera).	is mei-
mera).	4486
Crithidia mellificae n. sp. an acide	ophilic
trypanosomatid of the honey bee Apis mell	
, F	4539
Honey bee recruitment to food sources:	Olfac-
tion or language.	
	4619
APOIDEA	
Bees of the Nevada Test Site.	42.55
	4355
APPLES	
Fauna of the predator bugs (Hemiptera-He	terop-
tera) occurring on apple trees in the dist Poznan.	rict of
1 Oznani	4532
Investigations of fauna overwintering in or	under
the bark of apple trees. Part II. Stud	ies on
Arachnida.	
	4534
Disease control in nonbearing orchards.	
	4699
Black spot of apple.	4=00
	4700
DPA for scald control.	
	4715
Thiram thins Granny Smith apples.	4737
	4726
Hard-to-kill pests of fruit treeswoolly	apple-
aphid.	4747
Study of the dependence of the non-	
dynamic of the apple moth (Carp.	ocansa
Study of the dependence of the popularity of the apple moth (Carp pomonella L.) on the fruit yield of the host	plant.
	4755
Problems with scald inhibitors.	
	4863
AQUATIC ANIMALS	
An autoradiographic study of invertebra	te up-
take of DDT-CL36.	4618
Domintones and mayoment of parathian in	
Persistence and movement of parathion in tion waters.	ii riga-
tion natels.	4871

tions of 2,4-D on aquatic fauna and water quali-

Pesticide residues in a marine population of dou-

The infection of immature aquatic insects by lar-

Investigations of fauna overwintering in or under

the bark of apple trees. Part II. Studies on

Integrated control of the fruit-tree leaf roller,

Archips argyrospilus (Walker), and the eye-

val Paragordius (Nematomorpha).

4883

ty.

AQUATIC BIRDS

AOUATIC INSECTS

ARACHNIDA

Arachnida.

ble-crested cormorants.

ARCHIPS ARGYROSPILUS

SUBJECT INDEX spotted bud moth, Spilonota ocellana (Denis and Schiffermuller). ARCTIIDAE Lepidoptera collected in a light trap during the winter 1962/63 in Assiut, Egypt. **ARGYNNIS** Remarks concerning the terminology of the genitalia armor in the genus Argynnis (S.L.). (Lepidoptera, Nymphalidae). An analytical method for determining arsenic in biological material. ARTHROPODA Bibliography of biological control. VIII. **ASCARIS LUMBRICOIDES** Evaluation of the anthelmintic activity of thiabendazole in man. (abstract). ASCARIS LUMBRICOIDES SUUM Experimental infection of laboratory animals with Ascaris suum **ASCOMYCETES** Apomyelois bistriatella: A moth which feeds in ASILIDAE

an ascomycete fungus (Lepidoptera: Pyralidae) Taxonomic notes on the larva of British Diptera. no. 25, The larva and pupa of Dioctria rufipes (Degeer) (Asilidae).

Ecological and morphological study of robber flies of the tribe Asilini (Diptera, Asilidae) with descriptions of new genera and species from Kazakhstan and Soviet Central Asia. 4548

ASPARAGUS Thrips infesting the tips of asparagus spears. 4740

ASPIDIOTUS PERNICIOSUS Drench your trees against San Jose scale. 4738 **ASTEROLECANIDAE**

A new species of Asterolecanium Targ. (Homoptera: Coccoidea: Asterolecaniidae) from South Africa.

ATRAZINE Results of tests with a new corn cultivation technology, using a minimum of work effort and the effectiveness of new herbicides under the conditions prevailing in the Socialist Rumanian Republic. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966. 4783

ATTRACTANTS Attractant and feeding responses of hickory suckworm larvae to certain extracts of pecan

The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L.

AUTORADIOGRAPHY New data on accumulation of \$35 and Ru106 by dragonfly nymphs (Odonata).

An autoradiographic study of invertebrate uptake of DDT-CL36.

Changes of DNA replication behavior associated with intragenic changes of the white region in Drosophila melanogaster.

DNA synthesis in the neo-X neo-Y sex determination system of Dichroplus bergi (Orthoptera: Acrididae). 4633 Incorporation of tritium-acetamide and tritiumthymidine into the eye disks of Drosophila melanogaster.

Some experiments on polarity of IAA-2-C14 transport in Helianthus annuus seedlings. 4903

AVIAN LEUKOSIS COMPLEX VIRUSES

The mode of formation of intracytoplasmic structures in tumors induced by viruses of the avian sarcoma leucosis group. 4824

AVIAN LYMPHOMATOSIS

4413

4573

4900

4661

4860

4855

Costing acute Mareks disease.

AZINPHOSMETHYL Integrated control of the fruit-tree leaf roller, Archips argyrospilus (Walker), and the eyespotted bud moth, Spilonota ocellana (Denis and

4828

Schiffermuller). 4553 **BABY PIGS** Sudden death in feeder pigs.

4816 **BACILLUS CEREUS** Industrial tests of the biological preparation Entobacterin-3 in the USSR.

Information on a natural bacterial epizootic disease on Ephestia kuhniella Zeller, caused by a bacillus of the type of Bacillus thuringiensis.

Experiment on the influence of Bacilluscereus var. Galleriae and of lindane on Sitotroga cerealella Oliv. and on Trichogramma cacoeciae March.

4591 BACILLUS POPILLIAE Experiments on the milky disease of the larva of

Melolontha melolontha L. **BACILLUS THURINGIENSIS**

Teratological effects on the nymphs and adults of insects, the larvae of which have ingested sublethal doses of the thermostable toxin of Bacillus thuringiensis Berliner.

Classification of the strains of Bacillus thurin-

Two strains of Bacillus thuringiensis Berliner isolated from larvae of disparate Bombyx Lymantria dispar.

Susceptibility of irradiated insects to Bacillus thuringiensis infection.

Results of experiments carried out in Hungary with Bacillus thuringiensis.

4525 Information on a natural bacterial epizootic disease on Ephestia kuhniella Zeller, caused by a

bacillus of the type of Bacillus thuringiensis.

Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains

Bacillus thuringiensis serotype U Berliner and serotype. III. Anduze.

Practical application of Bacillus thuringiensis. Caterpillar size and the dosage of Bacillus thurin-

giensis preparations.

Insect pathogens and microbial control of insects in stored products. I. Test with Bacillus thuringiensis Berliner against moths. 4864

Susceptibility of different stored-products moth larvae to Bacillus thuringiensis. 4867

Heat-stable elements in commercial preparations based on Bacillus thuringiensis Berliner. 4924

The comparative actions of urea and thioglycolate on the representative toxin of Bacillu	
thuringiensis. 493.	3

BACTERIA

Results of field experiments carried out in 1954 and 1955 in switzerland concerning the microbian concerning the microbia control of the larvae of Melolontha melolontha L.

Occurrence of antibacterial and antifungal actinomycetes in cultivated soils of West Bengal. 4667 Bulk wheat pests can be controlled by simple

precautions.

Bacteriostatic properties of milk from tropical 4868

Experiences with culture media for the selective microbiological analysis of meatproducts.

Problems in monitoring DDT and its metabolites in the environment.

4889 Tricarboxylic acid cycle activity in a pseudomonad.

The biochemistry of Vibrio cholerae: Part IV. Acid soluble nucleotide constituents.

Effect of ultraviolet radiation on the oxidation of certain Krebs cycle substrates in Vibrio cholerae.

Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci.

Intracellular localization and characteristics of lactate dehydrogenase activity of Salmonella typhosa (NCTC 8385).

BACTERIAL DISEASES (ANIMALS)

The Amprolium-Ethopabate combination. A new stage in the prevention of avian coccidiosis 4720

Respiratory disease in the pig. II.

4798 Chromosome replication in Salmonella typhimu-

BACTERIAL DISEASES (PLANTS)

The problem of the potato blackleg disease.

The influence of illumination on the development of tumors caused by Agrobacterium tumefaciens (Smith and Town) Conn. on pea seedlings, Pisum sativum L..

The law of host-parasite balance in the process of pathogenesis and its implications in ecology.

4714

Bacterial leaf spot of chillies in Kerala State.
4719

Bacterial blight elmiminated from California

4724

Chemical control of some important cereal plant diseases in India.

Ribonucleic acids in crown-gall bacteria, Agrobacterium tumefaciens (Smith and Town), treated with sodium borate.

BACTERIAL LEAF BLIGHT

Host range of Xanthomonas oryzae in the Philippines. 4689

BACTERIAL LEAF SPOT

Bacterial leaf spot of chillies in Kerala State. 4719

BACTERIOLOGY

Classification of the strains of Bacillus thuringiensis. 4485

Two strains of Bacillus thuringiensis Berliner isolated from larvae of disparate Bombyx Lymantria dispar.

BACTERIOSTATS

Comparison of sulphur dioxide and formal-dehyde as bacteriostats in diffusion. Part II.

A comparative study on the effects of aerial versus ground spraying of poisoned baits against the Mediterranean fruit fly on the natural enemies of scale insects in citrus groves.

Sex lure hoax may prove male beet wireworm's

undoing. 4765

BAKANAE DISEASE

Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L).

BANANAS

New fungicide promises effective and economical plant disease control.

Co-operative spraying against banana pests.

Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in Kerala.

Nematodes attack bananas.

Notice of filing of petition regarding pesticide chemical. 4879

Investigations of fauna overwintering in or under the bark of apple trees. Part II. Studies on Arachnida.

Comandra blister rust of hard pines.

The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings.

4805

Seed contamination in transmission of halo blight in beans.

Form and mechanism of transmission of plant viruses. Transmission of viruses by seeds, pollen and contact of roots.

Rust infection protects beans against heat injury.
4732

BEAUVERIA

Results of field experiments carried out in 1954 and 1955 in switzerland concerning the microbial control of the larvae of Melolontha melolontha L.

The reciprocal relationships in mixed cultures of entomophagous fungi and the effect of some Hyphomycetes on their growth.

BEAUVERIA BASSIANA

The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say.

BEE BEHAVIOR

Brood care in halictine bees.

Brood care in halictine bees.

On the influence of effluent of the starch factory upon the Yubetsu River and the Shokotsu river, and of effluent of the best factory upon the benthic animals in the Abashiri River (Hokkaido).

BENEFICIAL INSECTS

A comparative study on the effects of aerial versus ground spraying of poisoned baits against the Mediterranean fruit fly on the natural enemies of scale insects in citrus groves.

Investigations of fauna overwintering in or under the bark of apple trees. Part II. Studies on Arachnida.

4938

The use of a Heteroptera, Pentatomidae perillus bioculatus (Fabr.) in the fight against the potato beetle Leptinotarsa decemlineata (Say): First results obtained in France.

BENLATE

New fungicide promises effective and economical plant disease control. 4682

BENZALDEHYDE

Benzaldehyde: Defensive secretion of a harvester 4460

BENZENE

4682

4752

4768

4711

4488

4529

4529

TLC spotting solvent for aflatoxins.

BENZENE HEXACHLORIDE

Some pests of ornamental plants in Madras. 4735

Narcissus flies.

Pesticides in hatchery trout---differences between species and residues levels occuring in commercial fish food.

An evaluation of the effects of the Aedes aegypti eradication program on wildlife in South Florida.

Pesticides in people. Storage of DDT in the people of Israel.

4890

BETHYLIDAE

Laelius utilis Cockerell (Hymenoptera: Bethylidae) stinging a child at London, Ontario.

BIBLIOGRAPHY

Bibliography of biological control. VIII.

Form and mechanism of transmission of plant viruses. Transmission of viruses by arthropods. 4728

Form and mechanism of transmission of plant viruses. Transmission of viruses by nematodes 4729

Choleresis in sheep.

4830

BILE

The effects of soil sterilization procedures on the microbiological equilibrium of the soil.

4672

BIOCHEMISTRY

Research on the odoriferous constituents of the terpenic fumes of various substances and their action on Ips sexdentatus Boerner (Coleoptera, Scolytidae).

New data on accumulation of \$35 and Ru106 by dragonfly nymphs (Odonata).

4497

Two strains of Bacillus thuringiensis Berliner isolated from larvae of disparate Bombyx Lymantria dispar. 4503

Nutritional requirements and artifical diets for the silkworm, Bombyx mori L.

4518

The nature of pathogenicity of Pseudomonas aeruginosa for Galleria mellonella.

BIOLOGICAL ASSAY

Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains	Fatty acid composition of phosphatidyl ethanolamine of Mycobacterium tuberculosis.	Resistance of Lycopersicon species to the car- mine spider mite.
Bacillus thuringiensis serotype U Berliner and	4939	4760
serotype. III. Anduze.	Use of cherry-laurel foliage for preparation of an	Imported and indigenous natural enemies of citrus coccids and aphids in Cyprus, and an as-
Effect of some disinfectants on the flacherie virus of the silkworm, Bombyx mori L.	effective insect-killing jar. 4504	sessment of their potential value in integrated control programmes.
4617	Practical application of Bacillus thuringiensis.	4763
Esterase and phosphatase polymorphism in natural population of wild silkworm, Theophila man-	4612 Serum antibody to Salmonella flagellar antigens.	Insect pathogens and microbial control of insects in stored products. I. Test with Bacillus thurin-
darina L. 4626	I. Methods of antibody assay. 4850	giensis Berliner against moths. 4864
Studies on enzyme synthesis of cerebroside	The determination of the embryo viability of	Susceptibility of different stored-products moth
sulphate from 3'-phosphoadenosine-5'-phosphosulphate.	weed seeds by the TTC method.	larvae to Bacillus thuringiensis. 4867
4788	Heat-stable elements in commercial preparations	Search for new insecticides.
Release of sialic acid from caseins of cow and buffalo milk by cow and buffalo rennets.	based on Bacillus thuringiensis Berliner. 4924	BIOLOGICAL CONTROL (PESTS) 4893
4791	BIOLOGICAL CLOCKS	Bibliography of biological control. VIII.
Oxidative enzymes in Escherichia coli plasma	Circadian clock action spectrum in a	4661
membrane.	photoperiodic moth. 4465	The meaning and definition of biological control. 4742
Intermediate energy metabolism of Leptospira.	BIOLOGICAL CONTROL (INSECTS)	Biological control of snails exerted by Euglan-
4796	Are woodpeckers the answer to pine bark beetle attacks.	dina rosea (Ferussac) in Bermuda. 4786
Terminal electron transport in Leptospira.	4450	A look at the plant pest control divison.
Regulation of branched-chain amino acid	The use of viruses in biological control.	4887
biosynthesis in Salmonella typhimurium: Isola-	4458	BIOLOGICAL CONTROL (PLANT DISEASES)
tion of regulatory mutants.	The introduction, release, and recovery of parasites of the alfalfa weevil in Eastern United	Rhizosphere root exudates and their effect on microbial activity.
4801	States.	4662
Thermoresistant Clostridium perfringens of the A type in poultry.	4466	Comandra blister rust of hard pines.
4807	Test on the use of Fusarium episphaeria f. cocco-	4711
2-deoxyribose gene-enzyme complex in Sal- monella typhimurium: Regulation of	phila (Desm.) Snyder and Hansen in the control of the California red scale, Aonidiella aurantii.	The inheritance of a new source of resistance to the potato virus Y in pepper (Capsicum annuum
phosphodeoxyribomutase.	4483	L.). 4713
4818	Industrial tests of the biological preparation Entobacterin-3 in the USSR.	BIOLOGICAL CONTROL (WEEDS)
Theory of classification of the densonucleose	4489	Weeds and their control.
viruses, based on the study of molecular structures and physiochemical properties.	Use of cherry-laurel foliage for preparation of an	4782
4823	effective insect-killing jar. 4504	BIOLOGICAL PRODUCTS Industrial tests of the biological preparation En-
The mode of formation of intracytoplasmic	Experiments on the milky disease of the larva of	tobacterin-3 in the USSR.
structures in tumors induced by viruses of the	Melolontha melolontha L.	4489
avian sarcoma leucosis group. 4824	4515	Practical application of Bacillus thuringiensis.
Hormonal effect on certain glycolytic enzymes of	Results of experiments carried out in Hungary	4612
rat mammary gland.	with Bacillus thuringiensis. 4525	Care and use of veterinary biologics. 4921
4831	Fauna of the predator bugs (Hemiptera-Heterop-	BIOLOGICAL TRANSPORT
Competitive development of enzymatic activity of transcriptase and replicase in the course of a	tera) occurring on apple trees in the district of	New observations on the transport of in-
viral disease in cattle.	Poznan.	tranuclear microorganisms, called Phi particles,
4837	4532	by the spermatozoids in homopterous insects. 4556
Cold-sensitive mutations in Salmonella typhimu-	Information on a natural bacterial epizootic dis- ease on Ephestia kuhniella Zeller, caused by a	BIOLOGY
rium which affect ribosome synthesis.	bacillus of the type of Bacillus thuringiensis.	The occurrence of Theognis occidentalis in the
The rele musels mechanin nice	4537	Midwestern United States (Heteroptera: Coreidae).
The pale muscle problem in pigs. 4845	The use of a Heteroptera, Pentatomidae perillus	4592
Comparison of sulphur dioxide and formal-	bioculatus (Fabr.) in the fight against the potato beetle Leptinotarsa decemlineata (Say): First	BIOMETRY
dehyde as bacteriostats in diffusion. Part II.	results obtained in France.	Some biometrics in Pieris and Colias (Lepidop-
4913	4544	tera: Pieridae) in Quebec and Nova Scotia.
Tricarboxylic acid cycle activity in a pseu-	Biology of wasps of the tribe Cercerini, with a list	BIOSYNTHESIS
domonad.	of the Coleoptera used as prey. 4597	A yellow mutant strain of the large milkweed
Polyguanylic acid and its effect on amino acid in-	Trans-ovum transmission of insect viruses as a	bug, Oncopeltus fasciatus, that lacks erythrop-
corporation.	biological control.	terin. 4645
4925	4600	Rhizosphere root exudates and their effect on
The biochemistry of Vibrio cholerae: Part IV.	Practical application of Bacillus thuringiensis. 4612	microbial activity.
Acid soluble nucleotide constituents.	Virus multiplication.	4662
Effect of ultraviolet radiation on the oxidation of	Virus multiplication.	Boron in plants: A biochemical role. 4912
certain Krebs cycle substrates in Vibrio cholerae.	Results of field experiments carried out in 1954	BIRDS
4930	and 1955 in switzerland concerning the microbi-	Residues in fish, wildlife, and estuaries. Insecti-
Some biochemical changes taking place in the	al control of the larvae of Melolontha	cide concentrations in wildlife at Presidio, Texas.
course of the transformation of streptomycin resistance in streptococci.	melolontha L.	AB76
4932	The biological control of red scale, Aonidiella	BLABERUS CRANIIFER The immobilization reflex associated with tactile
The comparative actions of urea and thioglyco-	aurantii (Mask.), on citrus in South Africa.	stimulation of the pronotum of normal larvae of
late on the representative toxin of Bacillus	4741	Blaberus craniifer (Burm.) and ones having
thuringiensis.	A study of Phanerotoma toreutae, a parasite of	received implantations of the corpora allata. 4495
4933	the pine cone moth Laspeyresia toreuta.	4473

Study of the virus disease of Neodiprion swainei Midd. and results of its aerial dispersion.

4745

4758

BLACK RUST
Role of potash application in reducing black rust of wheat.

4680

Intracellular localization and characteristics of lactate dehydrogenase activity of Salmonella typhosa (NCTC 8385).

BLACK SPOT Black spot of apple.	Intestinal transport and metabolism of D-amino acids in the silkworm, Bombyx mori L.	BROADBEANS Effect of mixed spore inocula of Botrytis ssp. on
Thiram thins Granny Smith apples.	4599 Effect of some disinfectants on the flacherie	lesion development in the leaves of bean (Vicia faba L.). 4718
DI ACK STEM	virus of the silkworm, Bombyx mori L. 4617	BROMOPHENYL)-1-METHOXY-1-METHYLU-
BLACK STEM Black stem- the second stem disease of grains. 4734	Physiological responses of insects to nicotine. 4623	REA, 3-(P Test results with patoran.
BLACKBERRIES	Unstable multilunar modifying genes in the silk-	BRONZING 4772
Blackberry control near orchards and vegetable gardens.	worm, Bombyx mori. III.	Bronzing disease of rice in Orissa as influenced
4770	Experimental induction of androgenesis,	by soil types and manuring and its control.
BLACKLEG The problem of the potato blackleg disease.	gynogenesis, and polyploidy in Bombyx mori by treatment with CO2 gas.	BRUCHIDAE
4697	4647	Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey.
BLASTOPHAGUS PINIPERDA The adaptability of Blastophagus piniperda L.	BORATES Boron in plants: A biochemical role.	4597
(Col. Scolytidae) to various Pinus and the	4912	BUFFALOES Release of sialic acid from caseins of cow and
preferences of this insect in regard to these forest species.	BORIC ACID Ribonucleic acids in crown-gall bacteria,	buffalo milk by cow and buffalo rennets.
4476 BLIGHT	Agrobacterium tumefaciens (Smith and Town),	BUNCHY TOP
New fungicide for potato blight.	treated with sodium borate. 4911	Studies on the population of the aphid Pen-
4684	BORON	talonia nigronervosa Coq. on banana plants in Kerala.
Bacterial blight elmiminated from California gins.	Boron in plants: A biochemical role. 4912	4752
4724	BOSTRYCHIDAE	BUPRESTIDAE Biology of wasps of the tribe Cercerini, with a list
BLISTER RUST Comandra blister rust of hard pines.	Coleoptera of northeast Africa. Bostrychidae. 4374	of the Coleoptera used as prey.
4711	BOTRYTIS	BUSH REDPEPPERS (VEGETABLE) 4597
BLOOD Immunochemical characterization of sheep	Effect of mixed spore inocula of Botrytis ssp. on	Bacterial leaf spot of chillies in Kerala State.
plasma glycoprotein. 4838	lesion development in the leaves of bean (Vicia faba L.).	BUTTERMILK 4719
Staphylococcal intoxication of young suckling	BRACHIARIA MUTICA 4718	The nourishment of milk calves is essential for
whelps.	Studies on Phyllosticta blight of rice.	the future of the product.
BLOOD ANALYSIS	PRACONIDAE	CACAO
Studies of serum enzymes in swine infected by two strains of hog cholera virus.	BRACONIDAE Nearctic species of the genus Synaldis Foerster	On the role of the phenol constituents in the course of infection of the cacaopods of
4804	(Hymenoptera, Braconidae, Alysiinae).	Theobroma cacao L. by Phytophthora palmivora
Sideroleucocytes as a diagnostic aid in equine infectious anaemia.	Contribution to the knowledge of the hosts of the	Butl 4709
4815	genus Opius (Hymenoptera, Braconidae).	CADRA CAUTELLA
BLOOD CELLS Ultrastructure of the hemocytes of Locusta	Identification of the braconid parasites of rice	Insect pathogens and microbial control of insects in stored products. I. Test with Bacillus thurin-
migratoria (Orthoptera).	borers (Hymenoptera: Braconidae).	giensis Berliner against moths.
BOMBYX 4512	Diapause in Apanteles congregatus.	Susceptibility of different stored-products moth
Two strains of Bacillus thuringiensis Berliner iso-	4586	larvae to Bacillus thuringiensis. 4867
lated from larvae of disparate Bombyx Lyman- tria dispar.	A study of Phanerotoma toreutae, a parasite of the pine cone moth Laspeyresia toreuta.	CAECAL COCCIDIOSIS
BOMBYX MORI	4745	The physio-pathology of chicken caecal coccidiosis: Experimental study of immunogenesis,
Nutrition of the silkworm, Bombyx mori. XVI.	BRAIN Studies on enzyme synthesis of cerebroside	action of specific antilymphocytic sera.
Quantitative requirements for essential amino acids.	sulphate from 3'-phosphoadenosine-5'- phosphosulphate.	CALCIUM CHLORIDE 4809
4451	4788	How to prevent and remove mildew; home
The problem of viral latency in insect tissue cultures.	BRASSICA Study of the selectivity of herbicides for sugar-	methods.
4484	beets, using laboratory, greenhouse and	CALCIUM HYPOCHLORITE
Control of metabolism in the silkworm pupal ovary by the diapause hormone.	physiological methods. In: Collection of reports given at the International Herbicide Conference,	Effect of some disinfectants on the flacherie virus of the silkworm, Bombyx mori L.
4508	Prague, June 21-24, 1966. 4785	4617
Nutrition of the silkworm, Bombyx mori. XVII. Effect of dietary levels of amino acids on growth	BREEDING	CALLIPHORA VICINA The possibilities of regulating the labial imaginal
of fifth-instar larvae and on cocoon quality. 4517	Seasonal changes in the direction of mating in Drosophila melanogaster in the experiments with	disc în Calliphora erythrocephala Meigen. 4594
Nutritional requirements and artifical diets for	a natural inversion.	Study of the corpus allatum in living larvae of the
the silkworm, Bombyx mori L. 4518	4636 Cultivation of the sapogenin-bearing Dioscorea	blow fly Calliphora erythrocephala Mg. (Diptera, Calliphoridae).
Cytoplasmic particles carrying rapidly labeled	species.	4606
RNA in developing insect epidermis. 4523	The inheritance of a new source of resistance to	CALLIPHORIDAE The myiasis fly of the African aardvark (Oryc-
An action of insect hormones on carbohydrate	the potato virus Y in pepper (Capsicum annuum	teropus afer (Pallas)).
metabolism in insects. 4531	L.).	CALLOSOBRUCHUS MACULATUS 4852
Some problems on developmental physiology in	Contributions to the (Diptera, Simuliidae) fauna	Response of some stored-product insects to
the silkworm egg. 4570	of Austria. III. The fauna of the valley of the YBBS.	Trogoderma granarium pheromones. 4625
The role of the exuvial fluid swallowed before	BRENTIDAE 4851	CALVES The nourishment of milk calves is essential for
emergence, in the expansion of the wings of		
Bombyx mori L 4572	Coleoptera of northeast Africa. Brentidae.	the future of the product.

CAMNULA PELLUCIDA

CAMNULA PELLUCIDA Synapsis and crossing over within a paracentric	CARPOCAPSA POMONELLA Observations on the second generation of Car-	cies and subspecies (Diptera, Drosophilidae, Drosophila).
inversion in the grasshopper, Camnula pellucida. 4644	pocapsa in the Loire valley. 4496	4418 Stenus and Megalopinus Motschulsky genera
Food gathering behavior of the ant, Camponotus noveboracensis (Fitch) (Hymenoptera: Formicidae).	Study of the dependence of the population dynamic of the apple moth (Carpocapsa pomonella L.) on the fruit yield of the hostplant. 4755	and remarks on the subgenus Tesnus Rey, with a table of the Palearctic representatives (Coleoptera, Staphylinidae). (54. Contribution to the knowledge of the Stenus genus).
CANINE DISTEMPER	CARYA ILLINOENSIS Attractant and feeding responses of hickory	4423 Alticinae of New Guinea, III. Schenklingia and
Experiences about the tolerance and use of Stagloban in the dog.	suckworm larvae to certain extracts of pecan	allies (Coleoptera: Chrysomelidae).
4836	shucks. 4514	On nocturnal darkling beetles of the genus
CANKER Disease control in nonbearing orchards.	CASEIN Release of sialic acid from caseins of cow and	Melanesthes Lac. (Scoleoptera, Tenebrionidae) from central Kazakhstan.
4699	buffalo milk by cow and buffalo rennets.	4431
CANTHARIDAE New Malthodes from western North America	CASTORBEANS 4791	Revision of the nominate subgenus Sceliphron Latreille (Hymenoptera, Sphecidae) (Studies on
(Coleoptera: Cantharidae).	A semi-synthetic diet for Eri-silkworm raising. 4492	the Sceliphronini, part I).
CAPTAN Efficiency of some fungicides in the disinfection	CASTRATION	Taxonomy of the genus Paluda De Long 1937
of the carnation roots.	Some effects of castration on the protocerebral neurosecretion of the females of Polistes	(Homoptera Euscelidae).
4692 Disease control in nonbearing orchards.	(Hymenoptera, Vespidae).	Identification of the braconid parasites of rice borers (Hymenoptera: Braconidae).
CARABIDAE 4699	CATALASE Study of the calculativity of harbinides for sugar	4440
Biology, ecology and distribution of Amara pseudocommunis Burak. (Coleoptera, Carabidae).	Study of the selectivity of herbicides for sugar- beets, using laboratory, greenhouse and physiological methods. In: Collection of reports	The identity of the British Mondsynamma Scott 1864 (Hem., Miridae).
Prothetely in Carabidae of the genus	given at the International Herbicide Conference, Prague, June 21-24, 1966.	Studies on the Japanese gall midges II, two new and a known species of the genus Camptomyia
Pterostichus. 4577	CATALOGS 4785	from Kyushu (Diptera: Cecidomyiidae).
CARBAMATES Watch for the cereal leaf beetle.	A new Crompus from New Caledonia. (Hemip-	New species of Hypera (Coleoptera, Curcu-
watch for the cereal lear beetle.	teraHeteroptera: Lygaeidae).	lionidae) from the Crimean Mountains.
Don't take lightly these brinjal borers. 4759	Chalicidoidea (Hymenoptera) in the Manchester Museum. Part 5.	New species of the genus Trachina Mg. (diptera, Tachnidae), parasites of injurious Lepidoptera in
Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas.	The Collembola of South Africa2: The genus	the Ussr.
CARBARYL 4876	Seira. 4370	Aradidae in the Bishop Museum, Honolulu (HemipteraHeteroptera).
First occurrence of balsam woolly aphid in the interior of British Columbia.	Coleoptera of northeast Africa. Brentidae.	4533
4441	New species of Meromyza Mg. (Diptera,	Ecological and morphological study of robber flies of the tribe Asilini (Diptera, Asilidae) with
Watch for the cereal leaf beetle. 4557	Chloropidae) from Transbaykalia. 4381	descriptions of new genera and species from Kazakhstan and Soviet Central Asia.
Thiram thins Granny Smith apples. 4726	New Malthodes from western North America (Coleoptera: Cantharidae).	Outline of Syrian parasitalogy
Don't take lightly these brinjal borers.	4382	Outline of Syrian parasitology. 4790
The cicadelle Empoasca flavescens and the grill	Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3).	CATERPILLARS Observations on the second generation of Car-
of grapevines in the South-West of France.	4388 Lepidoptera of southern Spain.	pocapsa in the Loire valley. 4496
Residues in fish, wildlife, and estuaries. Insecti-	4389	Electron microscope study of the virus of the
cide concentrations in wildlife at Presidio, Texas. 4876	Burmese Ichneumoninae V. 32. Genus Naenaria Cameron.	granulosis of the fall webworm (Hyphantria cunea Drury).
CARBOHYDRATES Nutritional requirements and artifical diets for	4392	4613 Caterpillar size and the dosage of Bacillus thurin-
the silkworm, Bombyx mori L. 4518	Hypocyphtus nitidus Palm (Col., Staphylinidae) in Oxforoshire: An addition to the British list.	giensis preparations.
An action of insect hormones on carbohydrate	4399 On the genus Dialineura Rondani, 1856 (Dip-	CATS 4621
metabolism in insects. 4531	tera, Therevidae).	Toxoplasma gondii: Fecal forms separated from eggs of the nematode Toxocara cati.
CARBON DIOXIDE Evidence of a variant of the vesicular stomatitis	A review of darkling beetles of the tribe Lep-	4811
virus (Indiana strain) which confers a retarded sensitivity to carbonic gas in Drosophila	todini (Coleoptera, Tenebrionidae). 4411	Toxoplasma gondii: Transmission through feces in absence of Toxocara cati eggs.
melanogaster. 4584	Ichneumonidae (Hymenoptera) collected in paddy fields of the Orient, with descriptions of	CATTLE 4841
Experimental induction of androgenesis,	new species. Part 2. Subfamilies Porizontinae,	First records of eye-frequenting moths from
gynogenesis, and polyploidy in Bombyx mori by treatment with CO2 gas.	Metopiinae and Diplazontinae. 4412	Ceylon. 4365
4647	New synonymy in the South African genus Synaptothrips Trybom (Thysanoptera) with a	The warble fly. 4568
Trials with carbon dioxide, light and growth substances on forest tree plants.	key to the species.	Virulence, adsorbability, and antigenicity of
CARBONATES 4909	New and little known armoured scales (Homop-	foot-and-mouth disease virus selected by adsorption with homogenized mouse kidney.
Comparison of sulphur dioxide and formal- dehyde as bacteriostats in diffusion. Part II.	terai Diaspididae) from South Africa. 4.	4802 Preliminary study of an intestinal virus isolated
4913	Records and descriptions of Palearctic and south Asiatic Laspeyresiini (Lepidoptera: Tortricidae).	from a lesion in baland-posthite cattle.
CARICACEAE Inter-species and inter-genera crosses in Car-	4417	Axis cylinder degeneration associated with
icaceas and their phytotechnical implications. 4696	A revision of the subgenus Hirtodrosophila of the Old World, with descriptions of some new spe-	ryegrass staggers in sheep and cattle. 4825

CHEMICAL CONTROL (PLANT DISEASES)

The epizootiological importance of foot-and- mouth disease carriers. II. The carrier status of	The regulatory capacity of the dorsal mesothoracic disc in Ceratitis capitata Wied	Control of date palm leafhoppers in Iraq by aerial spraying.
cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated	(Diptera, Trypetidae).	4739 Insect and mite control on nursery stock in Ohio.
virus vaccine.	CERATOPHYLLUS FASCIATUS The effects of pantothenic acid, pantoyltaurine,	4743
Protection against Rinderpest conferred to cattle by an inactivated virus adapted to cattle cells.	salicylate and related compounds on the in vitro and in vivo growth of Trypanosoma lewisi.	The biology and control of Archips occidentalis (Wals.) and Tortrix dinota Meyr. (Lepidoptera: Tortricidae) on coffee in Kenya.
4835	CERATOPOGONIDAE 4839	4744
Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle.	Attack activity of two species of gnats in southern California.	Hard-to-kill pests of fruit trees-woolly appleaphid.
4837	4490	Narcissus flies.
Control of bovine tuberculosis and list of offi-	CERCOPIDAE The assumption of foreiting in the public and	4748
cially certified herds.	The accumulation of ferritin in the nuclei and cytoplasm of certain mesenteron cells in old Homoptera Cercopidae.	Results of a study on controlling Tipula olercea L. showing a marked resistance to some chloror-
Nymphal stage of Linguatula serrata found in mesenteric lymph node of a bovine.	4500	ganic insecticides. 4750
4861	CERCOSPORA BETICOLA	Influence of infestation by early shoot borer
CATTLE RECORDS	Sugar beet crop protected through aerial application.	Chilotraea infuscatellus Sn. on shoot production
Control of bovine tuberculosis and list of officially certified herds.	4721	and yield of sugarcane. 4751
4846	CERCOSPORA LHUILLIERI Contribution to the study of a parasitic complex	Protecting larch logs from Tetropium velutinum
CECIDOMYIIDAE	which attaches itself to the exposed parts of cot-	Leconte with lindane emulsion. 4754
Studies on the Japanese gall midges II, two new and a known species of the genus Camptomyia	ton plants and causes their withering.	Toxicity of organophosphorous insecticides ap-
from Kyushu (Diptera: Cecidomyiidae).	CEREBROSIDES 4712	plied as foliar spray, soil drench and seed treat-
4443	Studies on enzyme synthesis of cerebroside	ment to Aphis gossypii Glover (Aphididae:
Regulation of growth of nurse nuclei in the development of egg follicles in Cecidomyiidae	sulphate from 3'-phosphoadenosine-5'-	Homoptera). 4757
(Diptera).	phosphosulphate.	Don't take lightly these brinjal borers.
4564	CEROPLASTES FLORIDENSIS	4759
The existence of inclusions which have a lamella	A comparative study on the effects of aerial ver- sus ground spraying of poisoned baits against the	Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultrual
ultrastructure in the nucleus of certain bacterio-	Mediterranean fruit fly on the natural enemies of	commodities. Dodecachlorooctahydro-1,3,4-
cytes in the adipose tissue of Periplaneta americana (Insecta, Blattidae).	scale insects in citrus groves.	metheno-2th-cyclobuta (cd) pentalene.
4498	CHALCEDECTES NIGER	Effects of low volume aerial spraying of Dursban
Proton magnetic resonance spectra of some	New genera and species of chalcid flies (Hym.,	and fenthion on fish.
phenyl-phosphorus compounds. 4931	Chalcidoidea) and a new species of Foenatopus Smith (Hym., Ichneumonidae, Stephanidae)	Search for new insecticides.
CELLS	from Hoggar.	4893
Transdetermination in cells.	4391	Aircraft operations in the Colusa project.
4637	CHALCEDECTOIDES SAHARENSIS New genera and species of chalcid flies (Hym.,	The restinide review
Incorporation of tritium-acetamide and tritium- thymidine into the eye disks of Drosophila	Chalcidoidea) and a new species of Foenatopus	The pesticide review.
melanogaster.	Smith (Hym., Ichneumonidae, Stephanidae) from Hoggar.	CHEMICAL CONTROL (NEMATODES)
4639 Changes in fungi with age. iv. Role of coenzymes	4391	Tests of nematocidal fumigants in the control of the nematodes of beets (Heterodera schachtii
in the respiratory decreases in Rhizoctonia solani	CHALCIDOIDEA	Schm. and Meloidogyne spp.).
and Sclerotium bataticola. 4669	Chalicidoidea (Hymenoptera) in the Manchester Museum. Part 5.	4766
Axis cylinder degeneration associated with	4360	The role of nematodes in horticulture.
ryegrass staggers in sheep and cattle.	CHEMICAL ANALYSIS An analytical method for determining arsenic in	Fumigants and specific nematocides in the con-
4825	biological material.	trol of phytophagous nematodes.
Some biochemical changes taking place in the course of the transformation of streptomycin re-	4900	Prevent worms to increase sheep profits.
sistance in streptococci.	Efficiency parameters of gas chromatography columns used in pesticide residue analysis.	4856
4932	4923	CHEMICAL CONTROL (PESTS)
Intracellular localization and characteristics of lactate dehydrogenase activity of Salmonella	CHEMICAL CONTROL (INSECTS) The boll weavil: How to control it Part II	Diazinon against plant pests. 4655
typhosa (NCTC 8385).	The boll weevil; How to control it. Part II.	Needed: A miracle method for soil borne disease
4936 CENTAUREA CYANUS	Biology and control of native and introduced	control.
Test results with patoran.	forest insects in the Nearctic Zone. 4375	4695 Insect and mite control on nursery stock in Ohio.
4772	Termite control in rubber plantations.	4743
CENTRIFUGATION Research on the oncogenic constituents of three	4521	Sex lure hoax may prove male beet wireworm's
zones of hemagglutinating activity, obtained by	Integrated control of the fruit-tree leaf roller,	undoing. 4765
centrifugation of polyoma virus purified in densi- ty gradients with cesium chloride.	Archips argyrospilus (Walker), and the eye- spotted bud moth, Spilonota ocellana (Denis and	Our struggle against pests. II.
4806	Schiffermuller). 4553	4872
CERAMBYCIDAE	Watch for the cereal leaf beetle.	A synopsis of the pesticide problem. 4899
A contribution to the knowledge of the Cerambycidae and the Oedemeridae of Iran.	4557	Ag firm concentrates on waterless spraying.
4394	The warble fly.	4943
Chromosome numbers of some central European	4568 Experimental induction of androgenesis,	The machinery generally used for efficient sterilization and disinfestation of the soil.
Cerambycidae. II. 4648	gynogenesis, and polyploidy in Bombyx mori by	4945
CERATITIS CAPITATA	treatment with CO2 gas.	The pesticide review.
A comparative study on the effects of aerial versus ground spraying of poisoned baits against the	Some pests of ornamental plants in Madras.	CHEMICAL CONTROL (PLANT DISEASES)
Mediterranean fruit fly on the natural enemies of	4735	Role of potash application in reducing black rust
scale insects in citrus groves.	Drench your trees against San Jose scale. 4738	of wheat.
4434	4730	4000

CHEMICAL CONTROL (WEEDS)

New fungicide promises effective and economical plant disease control. 4682	Part II proposed for paraquat. 4962	CHEMORECEPTORS Electrophysiological study of contact shows a special study of contact shows a spec
New fungicide for potato blight.	The law and the use of pesticides. 4964	chemoreceptors in bloodsucking Diptera. 462
4684 Efficiency of some fungicides in the disinfection of the carnation roots.	CHEMICAL REACTIONS Plant growth promoting metabolites of Sclerotinia sclerotiorum (II) The synthesis of sclerotinin B.	CHENOPODIUM ALBUM Comparison of various methods for the dete mination of the herbicidal action of herbicic preparations against annual weeds in sugarbee
DPA for scald control. 4715	Note on modifications of the AOAC method for	and potatoes. In: Collection of reports given a the International Herbicide Conference, Prague
Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the green-	amprolium in feed concentrates. 4895	June 21-24, 1966. 477 CHERMES PICEAE
house tomato. 4716 Sugar beet crop protected through aerial appli-	Comparison of sulphur dioxide and formal- dehyde as bacteriostats in diffusion. Part II. 4913	First occurrence of balsam woolly aphid in the interior of British Columbia.
cation. 4721	Structure of Klein's metabolites of aldrin and of dieldrin. 4926	CHERRIES Disease control in nonbearing orchards.
Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control. 4722	Synthesis of substances related to gibberellins. Part XVIII. Total synthesis of (plus or minus)	CHEYLETIDAE Chelacheles michalskii n. sp. (Acar
Thiram thins Granny Smith apples. 4726	gibberellins A A subscript 4, A subscript 9, and A subscript 10.	Cheyletidae).
Chemical control of some important cereal plant diseases in India. 4727	TLC spotting solvent for aflatoxins.	CHICKEN TYPES (MEAT) Sensitiveness of E. coli isolated from the ir
Black stem- the second stem disease of grains. 4734	Effects of chemical preservatives and storage on constituents used to characterize lemon juice.	testines of broilers in the terrain to chlortetra cyclin, streptomycin and furazolidon in 1966. 479
Ribonucleic acids in crown-gall bacteria, Agrobacterium tumefaciens (Smith and Town), treated with sodium borate. 4911	CHEMICALS The boll weevil; How to control it. Part II. 4348	CHICKENS The Amprolium-Ethopabate combination. new stage in the prevention of avian coccidiosis. 472
Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L).	Chemical control of some important cereal plant diseases in India. 4727	The physio-pathology of chicken caecal coccidiosis: Experimental study of immunogenesis action of specific antilymphocytic sera.
The pesticide review.	Chromosome replication in Salmonella typhimurium. 4805	The mode of formation of intracytoplasmi
CHEMICAL CONTROL (WEEDS) Annual report of the Department of Agriculture for the year 1962/63. (II).	Persistence and movement of parathion in irrigation waters.	structures in tumors induced by viruses of th avian sarcoma leucosis group. 482
4665 Black spot of apple.	Pesticides in hatchery troutdifferences between species and residues levels occuring in	Costing acute Mareks disease. 482 Persistance of the genome of the Rous virus i
Blackberry control near orchards and vegetable	commercial fish food.	hamster cells changed in vitro, and the action conactivated Sendai virus on its transmission t
gardens. 4770 Studies on chemical weed control with fodder	Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. Parathion or its methyl homology.	chick cells. 484 CHICKS
kale. 4771	An evaluation of the effects of the Aedes aegypti	Studies on the treatment and prophylaxis of Sal monella pullorum infection in chicks wit
Test results with patoran. 4772	eradication program on wildlife in South Florida. 4884	chloromycetin. 482
Comparison of various methods for the determination of the herbicidal action of herbicide preparations against annual weeds in sugarbeets	Problems in monitoring DDT and its metabolites in the environment. 4889	CHILO SUPPRESSALIS Identification of the braconid parasites of ric borers (Hymenoptera: Braconidae).
and potatoes. In: Collection of reports given at the International Herbicide Conference, Prague,	Use insecticides safely. 4901	CHILOTRAEA INFUSCATELLUS
June 21-24, 1966. 4774 Chemical weed control and defoliation in potato	Synthesis of substances related to gibberellins. Part XVIII. Total synthesis of (plus or minus)	Influence of infestation by early shoot bore Chilotraea infuscatellus Sn. on shoot production and yield of sugarcane.
fields. In: Collection of reports given at the Inter- national Herbicide Conference, Prague, June 21-	gibberellins A A subscript 4, A subscript 9, and A subscript 10.	CHIRONOMIDAE 475
24, 1966.	Theory of disinfectant testing. 4941	Abundance and microdistribution of larva Chironomidae in stabilization lagoons.
Response of mixed crop of wheat and rape to three chlorophenoxy herbicides. 4777	Some factors affecting the choice of materials for chemical plant equipment.	CHLORAMPHENICOL Studies on the treatment and prophylaxis of Sal
Weed control studies in strawberries. 4779	Sodium tri-polyphosphate carried by tanker. 4950	monella pullorum infection in chicks with chloromycetin.
Studies of phytotoxicity in the use of herbicides for controlling annual weeds in almond orchards. 4780	The pesticide review.	CHLORINATED HYDROCARBONS Biology and control of native and introduce
Weed control in potato cultures without adverse effects on the potato quality.	Our struggle against pests. 4960	forest insects in the Nearctic Zone.
Weeds and their control.	CHEMISTRY Immunochemical characterization of sheep	Specificity in insecticides. 450
4782 Study of the selectivity of herbicides for sugar-	plasma glycoprotein. 4838	An autoradiographic study of invertebrate up take of DDT-CL36.
beets, using laboratory, greenhouse and physiological methods. In: Collection of reports	Imidazole: Fungitoxic derivatives. 4902	4618 Some pests of ornamental plants in Madras.
given at the International Herbicide Conference, Prague, June 21-24, 1966.	Proton magnetic resonance spectra of some phenyl-phosphorus compounds. 4931	473: Results of a study on controlling Tipula olerces
The pesticide review.	Theory of disinfectant testing.	 L. showing a marked resistance to some chloror ganic insecticides.

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CHROMOSOMES

4759	Composition of the gut contents of third-instar	Chromosome studies and systematics of Gryl-
Weed control studies in strawberries.	tsetse larvae (Glossina morsitans Westwood).	linae (Insecta Orthoptera).
4779		
Pesticides in hatchery troutdifferences	CHOLINE Dietary choline requirements, phospholipids and	The chromosome formula of the cave Orthop- tera Troglophilus neglectus (Rha-
between species and residues levels occurring in commercial fish food.	development in Phormia regina.	phidophoridae).
4874	4511	4590
Residues in fish, wildlife, and estuaries.	CHORTHIPPUS PARALLELUS	Changes of DNA replication behavior associated
Chlorinated pesticide levels in the Eastern oyster	Parallel polymorphism for supernumerary seg-	with intragenic changes of the white region in
(Crassostrea virginica) from selected areas of the	ments in Chorthippus parallelus (Zetterstedt). I.	Drosophila melanogaster. 4627
South Atlantic and Gulf of Mexico. 4875	British populations. 4638	
	CHROMATIN	A specific chromosome element, the telomere of Drosophila polytene chromosomes.
Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas.	Sex chromatin in Lepidoptera.	4628
4876	4649	On the structure of the salivary chromosomes of
Persistence of DDT in crayfish in a natural en-	CHROMATOGRAPHY	Bilobella massoudi Cassagnau (Collembola: Ne-
vironment.	Isolation and a study of the mode of action of a	anuridae).
4878	polygalacturonase in insects (Pyrrhocoris ap-	4630
Residues in food and feed. Chlorinated pesticide	terus).	Extra replications in the DNA-PUFFS of Sciara
residues in fluid milk and other dairy products in the United States.	4482	coprophila.
4880	Control of metabolism in the silkworm pupal	
Pesticide residues in a marine population of dou-	ovary by the diapause hormone. 4508	The salivary gland chromosomes of the mosquito Culex pipiens. I. The normal chromosome com-
ble-crested cormorants.	Nutritional requirements and artifical diets for	plement.
4883	the silkworm, Bombyx mori L.	4632
An evaluation of the effects of the Aedes aegypti	4518	Seasonal changes in the direction of mating in
eradication program on wildlife in South Florida. 4884	A yellow mutant strain of the large milkweed	Drosophila melanogaster in the experiments with
Pesticides in soil. Monitoring for chlorinated	bug, Oncopeltus fasciatus, that lacks erythrop-	a natural inversion.
hydrocarbon pesticides in soil and root crops in	terin. 4645	Patterns and pathways of chromosome evolution
the Eastern States in 1965.		within the Orthoptera.
4886	Diagnoses of pear decline and rootstock identification in young pear orchards.	4640
Problems in monitoring DDT and its metabolites	4687	Cytological studies of Antipodean Teleogryllus
in the environment.	Pesticides in water, Pesticides in selected	species and their hybrids (Orthoptera: Gryl-
Pesticides in people. Storage of DDT in the peo-	western streamsA contribution to the national	lidae).
ple of Israel.	program.	4641
4890	4870	Synapsis and crossing over within a paracentric inversion in the grasshopper, Camnula pellucida.
Pesticide residues in cultivated mushrooms.	Residues in fish, wildlife, and estuaries.	4644
4891	Chlorinated pesticide levels in the Eastern oyster (Crassostrea virginica) from selected areas of the	Chromosome numbers of some central European
Search for new insecticides.	South Atlantic and Gulf of Mexico.	Cerambycidae. II.
4893	4875	4648
CHLORINE	4875 Residues in fish, wildlife, and estuaries. Insecti-	4648 Chromosome replication in Salmonella typhimu-
CHLORINE An autoradiographic study of invertebrate up-	4875 Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas.	Chromosome replication in Salmonella typhimurium.
CHLORINE	4875 Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876	Chromosome replication in Salmonella typhimurium. 4805
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2-	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion,
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary).	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3).
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth,	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan.
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth,	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan.
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin,	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan.
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CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 TLC spotting solvent for aflatoxins. 4938 CHLOROPHENYL)-1-METHOXY-1-METHYL-UREA, 3-(P Weed control in potato cultures without adverse effects on the potato quality. 4781 CHLOROPICRIN Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato. 4716 CHLOROPIDAE New species of Meromyza Mg. (Diptera, Chloropidae) from Transbaykalia.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in the Eastern States in 1965. 4886 Pesticides in people. Storage of DDT in the people of Israel. 4890 Note on modifications of the AOAC method for amprolium in feed concentrates. 4895 Efficiency parameters of gas chromatography columns used in pesticide residue analysis. 4923 Structure of Klein's metabolites of aldrin and of dieldrin. 4926 Screening method for zearalenone, aflatoxin, and ochratoxin.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae). 4428 Watch for the cereal leaf beetle. 4557 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Some pests of ornamental plants in Madras. 4735 CICADELLIDAE Study of the genus Rhytidodus Fieb. (Homoptera, auchenorrhyncha) with description of two new species from the Soviet Union. 4357 Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae).
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CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 TLC spotting solvent for aflatoxins. 4938 CHLOROPHENYL)-1-METHOXY-1-METHYL-UREA, 3-(P Weed control in potato cultures without adverse effects on the potato quality. 4781 CHLOROPICRIN Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato. 4716 CHLOROPIDAE New species of Meromyza Mg. (Diptera, Chloropidae) from Transbaykalia. 4381 CHLOROSIS	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in the Eastern States in 1965. 4886 Pesticides in people. Storage of DDT in the people of Israel. 4890 Note on modifications of the AOAC method for amprolium in feed concentrates. 4895 Efficiency parameters of gas chromatography columns used in pesticide residue analysis. 4923 Structure of Klein's metabolites of aldrin and of dieldrin. 4926 Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in standardizing Florisil columns.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae). 4428 Watch for the cereal leaf beetle. 4557 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Some pests of ornamental plants in Madras. 4735 CICADELLIDAE Study of the genus Rhytidodus Fieb. (Homoptera, auchenorrhyncha) with description of two new species from the Soviet Union. 4357 Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae). 4438 Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae).
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 TLC spotting solvent for aflatoxins. 4938 CHLOROPHENYL)-1-METHOXY-1-METHYL-UREA, 3-(P Weed control in potato cultures without adverse effects on the potato quality. 4781 CHLOROPICRIN Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato. 4716 CHLOROPIDAE New species of Meromyza Mg. (Diptera, Chloropidae) from Transbaykalia.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in the Eastern States in 1965. 4886 Pesticides in people. Storage of DDT in the people of Israel. 4890 Note on modifications of the AOAC method for amprolium in feed concentrates. 4895 Efficiency parameters of gas chromatography columns used in pesticide residue analysis. 4923 Structure of Klein's metabolites of aldrin and of dieldrin. 4926 Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in standardizing Florisil columns.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae). 4428 Watch for the cereal leaf beetle. 4557 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Some pests of ornamental plants in Madras. 4735 CICADELLIDAE Study of the genus Rhytidodus Fieb. (Homoptera, auchenorrhyncha) with description of two new species from the Soviet Union. 4357 Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae). 4438 Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae).
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 TLC spotting solvent for aflatoxins. 4938 CHLOROPHENYL)-1-METHOXY-1-METHYL-UREA, 3-(P Weed control in potato cultures without adverse effects on the potato quality. 4781 CHLOROPICRIN Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato. 4716 CHLOROPIDAE New species of Meromyza Mg. (Diptera, Chloropidae) from Transbaykalia. 4381 CHLOROSIS The effect of 3-amino-1,2,4-triazole on the ultrastructure of plastids of Triticum vulgare seedlings.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in the Eastern States in 1965. 4886 Pesticides in people. Storage of DDT in the people of Israel. 4890 Note on modifications of the AOAC method for amprolium in feed concentrates. 4895 Efficiency parameters of gas chromatography columns used in pesticide residue analysis. 4923 Structure of Klein's metabolites of aldrin and of dieldrin. 4926 Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in standardizing Florisil columns. 4934 Synthesis of substances related to gibberellins.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae). 4428 Watch for the cereal leaf beetle. 4557 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Some pests of ornamental plants in Madras. 4735 CICADELLIDAE Study of the genus Rhytidodus Fieb. (Homoptera, auchenorrhyncha) with description of two new species from the Soviet Union. 4357 Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae). 4438 Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae).
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 TLC spotting solvent for aflatoxins. 4938 CHLOROPHENYL)-1-METHOXY-1-METHYL-UREA, 3-(P Weed control in potato cultures without adverse effects on the potato quality. 4781 CHLOROPICRIN Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato. 4716 CHLOROPIDAE New species of Meromyza Mg. (Diptera, Chloropidae) from Transbaykalia. 4381 CHLOROSIS The effect of 3-amino-1,2,4-triazole on the ultrastructure of plastids of Triticum vulgare seedlings.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in the Eastern States in 1965. 4886 Pesticides in people. Storage of DDT in the people of Israel. 4890 Note on modifications of the AOAC method for amprolium in feed concentrates. 4895 Efficiency parameters of gas chromatography columns used in pesticide residue analysis. 4923 Structure of Klein's metabolites of aldrin and of dieldrin. 4926 Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in standardizing Florisil columns. 4934 Synthesis of substances related to gibberellins. Part XVIII. Total synthesis of (plus or minus)	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae). 4428 Watch for the cereal leaf beetle. 4557 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Some pests of ornamental plants in Madras. 4735 CICADELLIDAE Study of the genus Rhytidodus Fieb. (Homoptera, auchenorrhyncha) with description of two new species from the Soviet Union. 4357 Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae). 4438 Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae). 4448 New observations on the transport of intranuclear microorganisms, called Phi particles,
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 TLC spotting solvent for aflatoxins. 4938 CHLOROPHENYL)-1-METHOXY-1-METHYL-UREA, 3-(P Weed control in potato cultures without adverse effects on the potato quality. 4781 CHLOROPICRIN Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato. 4716 CHLOROPIDAE New species of Meromyza Mg. (Diptera, Chloropidae) from Transbaykalia. 4381 CHLOROSIS The effect of 3-amino-1,2,4-triazole on the ultrastructure of plastids of Triticum vulgare seedlings. 4685 CHLORTETRACYCLINE	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in the Eastern States in 1965. 4886 Pesticides in people. Storage of DDT in the people of Israel. 4890 Note on modifications of the AOAC method for amprolium in feed concentrates. 4895 Efficiency parameters of gas chromatography columns used in pesticide residue analysis. 4923 Structure of Klein's metabolites of aldrin and of dieldrin. 4926 Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in standardizing Florisil columns. 4934 Synthesis of substances related to gibberellins. Part XVIII. Total synthesis of (plus or minus) gibberellins A A subscript 10.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae). 4428 Watch for the cereal leaf beetle. 4557 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Some pests of ornamental plants in Madras. 4735 CICADELLIDAE Study of the genus Rhytidodus Fieb. (Homoptera, auchenorrhyncha) with description of two new species from the Soviet Union. 4357 Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae). 4438 Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae).
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 TLC spotting solvent for aflatoxins. 4938 CHLOROPHENYL)-1-METHOXY-1-METHYL-UREA, 3-(P Weed control in potato cultures without adverse effects on the potato quality. 4781 CHLOROPICRIN Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato. 4716 CHLOROPIDAE New species of Meromyza Mg. (Diptera, Chloropidae) from Transbaykalia. 4381 CHLOROSIS The effect of 3-amino-1,2,4-triazole on the ultrastructure of plastids of Triticum vulgare seedlings.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in the Eastern States in 1965. 4886 Pesticides in people. Storage of DDT in the people of Israel. 4890 Note on modifications of the AOAC method for amprolium in feed concentrates. 4895 Efficiency parameters of gas chromatography columns used in pesticide residue analysis. 4923 Structure of Klein's metabolites of aldrin and of dieldrin. 4926 Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in standardizing Florisil columns. 4934 Synthesis of substances related to gibberellins. Part XVIII. Total synthesis of (plus or minus) gibberellins A A subscript 4, A subscript 9, and A subscript 10.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae). 4428 Watch for the cereal leaf beetle. 4557 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Some pests of ornamental plants in Madras. 4735 CICADELLIDAE Study of the genus Rhytidodus Fieb. (Homoptera, auchenorrhyncha) with description of two new species from the Soviet Union. 4357 Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae). 4438 Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae). 4448 New observations on the transport of intranuclear microorganisms, called Phi particles, by the spermatozoids in homopterous insects. 4556 Notes on insect and gastropode damage to en-
CHLORINE An autoradiographic study of invertebrate uptake of DDT-CL36. 4618 CHLOROETHYL)TRIMETHYLAMMONIUM CHLORIDE, (2- Growth retardant tests on potted poinsettias. 4905 The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings. 4908 CHLOROFORM Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 TLC spotting solvent for aflatoxins. 4938 CHLOROPHENYL)-1-METHOXY-1-METHYL-UREA, 3-(P Weed control in potato cultures without adverse effects on the potato quality. 4781 CHLOROPICRIN Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato. 4716 CHLOROPIDAE New species of Meromyza Mg. (Diptera, Chloropidae) from Transbaykalia. 4381 CHLOROSIS The effect of 3-amino-1,2,4-triazole on the ultrastructure of plastids of Triticum vulgare seedlings. 4685 CHLORTETRACYCLINE Sensitiveness of E. coli isolated from the in-	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876 The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 Persistence of DDT in crayfish in a natural environment. 4878 Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in the Eastern States in 1965. 4886 Pesticides in people. Storage of DDT in the people of Israel. 4890 Note on modifications of the AOAC method for amprolium in feed concentrates. 4895 Efficiency parameters of gas chromatography columns used in pesticide residue analysis. 4923 Structure of Klein's metabolites of aldrin and of dieldrin. 4926 Screening method for zearalenone, aflatoxin, and ochratoxin. 4928 Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in standardizing Florisil columns. 4934 Synthesis of substances related to gibberellins. Part XVIII. Total synthesis of (plus or minus) gibberellins A A subscript 10.	Chromosome replication in Salmonella typhimurium. 4805 CHRYSOMELIDAE Chrysomelid beetles from the Papuan subregion, 5 (Eumolpinae, 3). 4388 Systematics of the Cryptocephalinae (Coleoptera, Chrysomelidae) from Soviet Central Asia and Kazakhstan. 4408 Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae). 4428 Watch for the cereal leaf beetle. 4557 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Some pests of ornamental plants in Madras. 4735 CICADELLIDAE Study of the genus Rhytidodus Fieb. (Homoptera, auchenorrhyncha) with description of two new species from the Soviet Union. 4357 Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae). 4438 Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae). 4448 New observations on the transport of intranuclear microorganisms, called Phi particles, by the spermatozoids in homopterous insects.

COLOSTRUM

COENZYMES

CICADIDAE

COENUROSIS

Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae).

Axis cylinder degeneration associated with

ryegrass staggers in sheep and cattle.

4448

4825

Control of date palm leafhoppers in Iraq by aeri-

al spraying.	Changes in fungi with age. iv. Role of coenzymes in the respiratory decreases in Rhizoctonia solani	The nourishment of milk calves is essential for the future of the product.
CICADIDAE	and Sclerotium bataticola.	4787
On the investigative methods of the sound	4669	COLUMNS (PROCESS)
characteristics of small cicadas (Homoptera-	COFFEE 1967 field trials on control of coffee berry dis-	Note on modifications of the AOAC method for amprolium in feed concentrates.
Cicadina).	ease in Kenya. IV.	4895
CITRUS	4698	Screening method for zearalenone, aflatoxin,
A comparative study on the effects of aerial ver-	The biology and control of Archips occidentalis	and ochratoxin.
sus ground spraying of poisoned baits against the	(Wals.) and Tortrix dinota Meyr. (Lepidoptera:	4928
Mediterranean fruit fly on the natural enemies of	Tortricidae) on coffee in Kenya.	COMPLEMENT FIXATION
scale insects in citrus groves.		Fluorescent antibody techniques for vesicular stomatitis virus.
	Screening method for zearalenone, aflatoxin, and ochratoxin.	4799
The biological control of red scale, Aonidiella aurantii (Mask.), on citrus in South Africa.	. 4928	CONFERENCES
4741	COFFEE BERRY DISEASE	Pessimism over crop diseases.
Imported and indigenous natural enemies of	1967 field trials on control of coffee berry dis-	4679
citrus coccids and aphids in Cyprus, and an as-	ease in Kenya. IV. 4698	Disinfection and disinfestation of the soil.
sessment of their potential value in integrated	COLEOPTERA	Proceedings of the international Congress on Plant Disease. Sanremo, 1-4 December 1966.
control programmes. 4763	Wood-and-bark-feeding Coleoptera of felled	4725
CLEANUP	spruce in interior British Columbia.	Collection of reports given at the International
Extraction and cleanup procedure for the gas	4425	Herbicide Conference. Prague, Czechoslovakia,
chromatographic determination of four	Electrophysiological evidence of the tactile func-	21-24 June 1966.
dinitrophenolic pecticides.	tion of the sensillary trichia on the antenna of the	4784
4942	Speophyes lucidulus Delarouzee (cave Coleoptera) larva.	NPCA conference speakers hit PCO pricing methods.
CLIMATE	4479	4949
On a collection of termites from Daman. 4369	Biology of wasps of the tribe Cercerini, with a list	CONIDIA
	of the Coleoptera used as prey.	Morphology and mode of germination of conidia
Observations on the second generation of Carpocapsa in the Loire valley.	4597	of Helminthosporium oryzae in relation to its
4496	Orientation of carrion beetles to carrion: Ran-	taxonomy. 4657
Studies on the population of the aphid Pen-	dom or nonrandom . 4598	CONSTRUCTION MATERIALS
talonia nigronervosa Coq. on banana plants in		Some factors affecting the choice of materials for
Kerala.	COLIAS EURYTHEME Some biometrics in Pieris and Colias (Lepidop-	chemical plant equipment.
4752	tera: Pieridae) in Quebec and Nova Scotia.	4947
CLOSTRIDIUM PERFRINGENS BACTERIN Thermoresistant Clostridium perfringens of the	4502	CONSUMER PREFERENCES
A type in poultry.	COLIAS PHILODICE	Here we go again Pesticides under fire from new consumer group.
4807	Some biometrics in Pieris and Colias (Lepidop-	4873
COBALT ISOTOPES	tera: Pieridae) in Quebec and Nova Scotia.	CONSUMPTION
Effect of ionizing radiation on Dacus zonatus	COLLEMBOLA	The pesticide review.
fruit fly eggs and larvae in situ.	The Collembola of South Africa2: The genus	4952
4505	Seira.	CONTAINERS
The Amprolium-Ethopabate combination. A	4370	Use of cherry-laurel foliage for preparation of an effective insect-killing jar.
new stage in the prevention of avian coccidiosis.	The Collembola of South AfricaI: The genus Neanura.	4504
4720	Neanura. 4371	CONTROL EQUIPMENT
Imported and indigenous natural enemies of	The action of different temperatures on the dura-	A look at the plant pest control divison.
citrus coccids and aphids in Cyprus, and an as-	tion of postembryonic development and the du-	4887
sessment of their potential value in integrated control programmes.	ration between molts in adults of six species of	COPHOPODISMA PYRENAEA Intraspecific qualitative and quantitative varia-
4763	epigeous and cave Collembola, Hypogastruridae. 4609	tions of the hemolymph proteins of
COCCIDIOSIS	On the structure of the salivary chromosomes of	Cophopodisma pyrenae (Fisch.), (Orthoptera,
The Amprolium-Ethopabate combination. A	Bilobella massoudi Cassagnau (Collembola: Ne-	Catantopidae) as a function of biogeographic
new stage in the prevention of avian coccidiosis.	anuridae).	area. 4562
COCCINELLIDAE	4630	COPPER SULFATE
The relationship of some insects (Aphididae,	COLLETOTRICHUM COFFEANUM	Sugar beet crop protected through aerial appli-
Largidae, Pentatomidae, Coccinellidae and	1967 field trials on control of coffee berry disease in Kenya. 1V.	cation.
Malachiidae) to the pearlhairs or glanduliform	4698	4721
emergences of Carica papaya L.	COLLOPS	COREIDAE The occurrence of Theognis occidentalis in the
COCCOIDEA 4736	The relationship of some insects (Aphididae,	Midwestern United States (Heteroptera:
COCCOIDEA Further notes on the genus Pulvinaria Targ.	Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform	Coreidae).
(Homoptera: Coccoidea) from the Ethiopian re-	emergences of Carica papaya L.	4592
gion.	4736	CORN Watch for the cereal leaf beetle.
4396	COLOR	4557
A comparative study on the effects of aerial ver-	Choice of resting site by Noctuidae (Lepidop-	Results of tests with a new corn cultivation
sus ground spraying of poisoned baits against the Mediterranean fruit fly on the natural enemies of	tera).	technology, using a minimum of work effort and
scale insects in citrus groves.	Study of the phototrophism of the Noctuidae	the effectiveness of new herbicides under the
4454	(Lepidoptera). Research on the variation of	conditions prevailing in the Socialist Rumanian Republic. In: Collection of reports given at the
COENOSIA LINEATIPES	behavior following the frequency of intermittent	International Herbicide Conference, Prague,
Coenosia lineatipes Zett. (Dipt., Muscidae)	monochromatic illumination.	June 21-24, 1966.

The pale muscle problem in pigs.

Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa.

4487

4650

4845

4783

4469

CORPORA ALLATA
Histochemical data on the neurosecretory allata terminations in Antheraea pernyi Guer.
(Lepidoptera, Attacidae) and in Rhodnius prolixus Stal. (Hemiptera, Reduviidae).

Comparative effects of allatectomy on the activity of the male accessory glands and on the sexual	CROP LOSSES Plant protection in agriculture.	Attack on moco cotton by pink bollworm i Ceara.
behavior of two acridids: Schistocerca gregaria and Locusta migratoria (sub-species migra-	4670 Needed: A miracle method for soil borne disease	The cotton farmer of the year.
torioides and Razalinsk).	control.	495.
The immobilization reflex associated with tactile stimulation of the pronotum of normal larvae of	The cicadelle Empoasca flavescens and the grill	Plant and profit in '68. 496 CROPS
Blaberus craniifer (Burm.) and ones having received implantations of the corpora allata.	4761 CROP ROTATION	Annual report of the Department of Agricultur for the year 1962/63. (II).
The mode of action of the corpora allata in the	Annual report of the Department of Agriculture for the year 1962/63. (II).	Plant protection in agriculture.
course of yolk formation in Tenebrio molitor (Coleoptera).	4665 Black stem- the second stem disease of grains.	467
4542 CORPORA CARDIACA	4734	Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in
The influence of the corpora cardiaca on the duration of the fourth and fifth instars of Locusta		the Eastern States in 1965.
migratoria L 4473		CROWN GALL TUMORS The influence of illumination on the develop
Cardiac activity of Locusta migratoria in vitro and the influence of the corpora cardiaca. Per-	4782	ment of tumors caused by Agrobacterium tu mefaciens (Smith and Town) Conn. on pe
fection of an experimental method and preliminary results.	technology, using a minimum of work effort and	seedlings, Pisum sativum L 470
CORROSION	conditions prevailing in the Socialist Rumanian	CROWN GALLS Ribonucleic acids in crown-gall bacteria
Some factors affecting the choice of materials for chemical plant equipment.	International Herbicide Conference, Prague,	Agrobacterium tumefaciens (Smith and Town) treated with sodium borate.
4947 COSSIDAE	June 21-24, 1966.	CRYPTOGAMIA 491
Observations on Cossus cossus L. (Cossidae). 4549		Cryptogama diseases of the root system. Prevention and control.
COSSUS COSSUS Observations on Cossus cossus L. (Cossidae).	ton varieties in chad. 4654	468 CTENOPHTHALMUS
COSTS 4549	the carnation cultivated as a cut flower.	Intranuclear crystals in the midgut epithelium of a flea.
Chemical weed control and defoliation in potato		4589
fields. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.		CULEX Aircraft operations in the Colusa project. 494
4775	The resistance of Fx and IAN rubber clones to leaf diseases in Brazil.	CULEX PIPIENS
COTTON Breeding work for the creation of glandless cotton varieties in chad.	4603	The salivary gland chromosomes of the mosquite Culex pipiens. I. The normal chromosome complement.
4654	4703	463.
Notes on insect and gastropode damage to enclosed cotton plantations. 4671	some factors of the physiological immunity in	CULICIDAE Effects of low volume aerial spraying of Dursba and fenthion on fish.
Contribution to the study of a parasitic complex which attaches itself to the exposed parts of cot-	4717	488. Aircraft operations in the Colusa project.
ton plants and causes their withering. 4712	aphid.	494. CULTURAL CONTROL (PLANT DISEASES)
Spider mites on cotton; how to control them.	Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in Kerala.	Cryptogama diseases of the root system. Prevention and control.
The cotton farmer of the year. 4953	4752	468 Several measures used to combat fruit plan
Plant and profit in '68.	Resistance of Lycopersicon species to the carmine spider mite. 4760	viruses.
COTTON GINS Bacterial blight elmiminated from California	m	CULTURAL CONTROL (WEEDS) Weed control in potato cultures without advers
gins. 4724	49(1	effects on the potato quality. 478
COTTONSEED Screening method for zearalenone, aflatoxin	CROP YIELDS Research possibilities and the improvement of the carnation cultivated as a cut flower.	Weeds and their control.
and ochratoxin. 4928	4656	CULTURE MEDIA Crithidia mellificae n. sp. an acidophili
CRANBERRY BOGS Persistence and movement of parathion in irriga-	The use of growth promoters to increase potato yields.	trypanosomatid of the honey bee Apis mellifera.
tion waters. 4871		In vitro culture of the ovaries of Tenebrio moli tor (Coleoptera). The importance of the com
CRAYFISH Persistence of DDT in crayfish in a natural en-	herbicides and tillage systems for cereal growing. 4678	position of the medium for survival, growth, and yolk formation.
vironment. 4878	Sugar beet crop protected through aerial appli-	454
CREOSOTE	4721	In vitro culture of the ovaries of Tenebrio molitor (Coleoptera). Growth and yolk formation.
Preservative treatments and service life of fence posts in Puerto Rico.	4726	454
CRITHIDIA MELLIFICAE	influence of infestation by carry shoot borer	A new culture method for Rhynchosciara. 456.
CRITHIDIA MELLIFICAE Crithidia mellificae n. sp. an acidophilic trypanosomatid of the honey bee Apis mellifera.		Research possibilities and the improvement of the carnation cultivated as a cut flower.
4539		465

CRONARTIUM COMANDRAE
Comandra blister rust of hard pines.

4711

Study of the dependence of the population dynamic of the apple moth (Carpocapsa pomonella L.) on the fruit yield of the hostplant.

4755

General method for the culture of helminths in

4854

anaerobic conditions.

CURCULIONIDAE

Experiences with culture media for the selective microbiological analysis of meatproducts. 4869	The salivary gland chromosomes of the mosquito Culex pipiens. I. The normal chromosome complement.	DAIRY PRODUCTS Residues in food and feed. Chlorinated pesticid residues in fluid milk and other dairy products i
CURCULIONIDAE	4632	the United States.
The northern species of Coleoptera group	DNA synthesis in the neo-X neo-Y sex deter-	488
Bagous (Curculionidae) together with a tax-	mination system of Dichroplus bergi (Orthop-	DARKNESS
onomic key (principally for the service of young	tera: Acrididae).	The action of dark phases of varying durations i
entomologists).	4633	the circadian, ultra- and infra-circadian rhythm
4364	Patterns and pathways of chromosome evolution	on the production of winged gynophores of
The identity of Sitophilus oryzae.	within the Orthoptera.	Dysaphis plantaginea Pass. (Homoptera
4462	4640	Aphididae).
On parthenogenic reproduction in Arammichnus	Tritium labelling and cytochemistry of extra	446
cribricollis Gyll (Insecta Coleoptera Curcu-	DNA in Acheta.	DATES
lionidae).	4642	Control of date palm leafhoppers in Iraq by aer
4463		al spraying.
Effect of melatonin on egg production of the boll	The karyotype of some Australian species of	473
weevil, Anthonomus grandis.	Macropathinae (GryllacridoideaRha-	DDT
4571	phidophoridae).	Biology and control of native and introduce
Biology of wasps of the tribe Cercerini, with a list		forest insects in the Nearctic Zone.
of the Coleoptera used as prey.	Synapsis and crossing over within a paracentric	437
4597	inversion in the grasshopper, Camnula pellucida.	The influence of the fungus Beauveria bassian
CURLY TOP	4644	Vuill. on the fertility and the diapause of Leg
Germination of Russian thistle seeds.	Sex chromatin in Lepidoptera.	tinotarsa decemlineata Say.
4916	4649	448
	CYTOLOGY	Specificity in insecticides.
CURRANTS	Cytoplasmic particles carrying rapidly labeled	450
The viruses of the black and red currant.	RNA in developing insect epidermis.	
4705	4523	An autoradiographic study of invertebrate up
CURVULARIA	Spermiogenesis in Aedes aegypti (L.).	take of DDT-CL36.
Fairway disease control.	4536	461
4674		Some pests of ornamental plants in Madras.
CUSCUTA	Cytological studies of Antipodean Teleogryllus	473
Form and mechanism of transmission of plant	species and their hybrids (Orthoptera: Gryl-	Don't take lightly these brinjal borers.
viruses. Transmission of viruses by seeds, pollen	lidae).	475
and contact of roots.	4641	The cicadelle Empoasca flavescens and the gri
4702	The presence of particles with the appearance of	of grapevines in the South-West of France.
CUTICLE	nucleocapsids associated with mitochrondrites in	476
Evidence for important intercellular spaces in	the cells of a hamster infected with Rous virus.	
the hypodermis and paracrystalline formations in	4812	Pesticides in hatchery troutdifference
the exuvial liquid of the larvae of Galleria mel-	Ultrastructure of homogeneous bodies and cellu-	between species and residues levels occuring i commercial fish food.
lonella L. (Lepidoptera Pyralidae) during the	lar bodies during the course of rickettsial infec-	487
formation of the cuticle.	tions.	
4455	4813	Residues in fish, wildlife, and estuaries. Insecti
Concerning the extraocular light sensitivity of	CYTOPATHOLOGY	cide concentrations in wildlife at Presidio, Texas 487
the Dictyoptera: Evidence of photoreceptors as-	Characterization of a small porcine DNA virus.	
sociated with the tegumentary nerves.	4826	Persistence of DDT in crayfish in a natural en
4464	D, 2,4-	vironment.
Cytoplasmic particles carrying rapidly labeled	Finesse in weed control.	487
RNA in developing insect epidermis.	4778	Pesticide residues in a marine population of dou
4523	Studies of phytotoxicity in the use of herbicides	ble-crested cormorants.
Some problems on developmental physiology in	for controlling annual weeds in almond orchards.	488
the silkworm egg.	4780	An evaluation of the effects of the Aedes aegypt
4570		eradication program on wildlife in South Florida
Study of the tegumentary glands and their secre-	Weeds and their control.	488
tory cycle in the larva of Tipula flavolineata	4782	Pesticides in soil. Monitoring for chlorinate
Meig	Investigation of effects of large-scale applica-	hydrocarbon pesticides in soil and root crops in
4579	tions of 2,4-D on aquatic fauna and water quali-	the Eastern States in 1965.
Electrical resistance of intact integument	ty.	488
throughout the molt cycle of a cockroach.	4888	Problems in monitoring DDT and its metabolite
4593	Studies on the effect of growth regulators on pol-	in the environment.
CYNODON DACTYLON	len germination and tube growth in shoe flower	4889
Fungus diseases of bermudagrass and overseeded	(Hibiscus Rosasinensis L.).	Pesticides in people. Storage of DDT in the peo
coolseason grasses on golf greens.	4920	ple of Israel.
4730	DACTHAL	489
	Weed control studies in strawberries.	Pesticide residues in cultivated mushrooms.
CYPHON New Palearctic species of the genus Cyphon	4779	resticide residues in cultivated mushrooms. 489
Payk. IV. Studies on the Helodidae family. IX.	DACUS OLEAE	
rayk. IV. Studies on the Helodidae family. IX.	Observations on the morpho-biology of Pnigalio	DDT: Sublethal effects on brook trout nervou
	mediterraneus Ferr. and Del. (Hym. Eulo-	system.
CYTOCHROMES Terminal electron transport in Lentespire	phidae).	4892
Terminal electron transport in Leptospira.	4615	Search for new insecticides.
	DACUS ZONATUS	4893
CYTOGENETICS Changes of DNA publication behavior associated	Effect of ionizing radiation on Dacus zonatus	DEATH
Changes of DNA replication behavior associated	fruit fly eggs and larvae in situ.	Sudden death in feeder pigs.
with intragenic changes of the white region in	4505	4810
Drosophila melanogaster.	DAIRY BARNS	Part II proposed for paraquat.
	The nourishment of milk calves is essential for	4962
A specific chromosome element, the telomere of	the future of the product.	DECLINE
Drosophila polytene chromosomes. 4628	the future of the product.	Diagnoses of pear decline and rootstock identifi
		cation in young pear orchards.
On the structure of the salivary chromosomes of	DAIRY CATTLE	468
Bilobella massoudi Cassagnau (Collembola: Ne-	Release of sialic acid from caseins of cow and	DEFOLIANTS
anuridae).	buffalo milk by cow and buffalo rennets. 4791	Thiram thins Granny Smith apples.
4630		1 niram utins Granny Smith apples.
Extra replications in the DNA-PUFFS of Sciara	Observations on the practical use of the rapid	
coprophila.	mastitis test.	The dipyridillics in tomato cultures.

DEFOLIATION	DESMETRYNE	DIAPAUSE
Chemical weed control and defoliation in potato	Studies on chemical weed control with fodder	Circadian clock action spectrum in a
fields. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-	kale. 4771	photoperiodic moth. 4465
24, 1966.	DETERGENTS	Observations on the second generation of Car-
4775	Effects of chronic exposure to zinc on toxicity of	pocapsa in the Loire valley.
DEGRADATION	a mixture of detergent and zinc.	4496
Inactivation of juvenile hormone like compounds	4894	Control of metabolism in the silkworm pupal
in insects.	DEVELOPMENT	ovary by the diapause hormone.
4501	The influence of the corpora cardiaca on the du-	4508
Water pollution laws called ambiguous weak . 4961	ration of the fourth and fifth instars of Locusta migratoria L	An action of insect hormones on carbohydrate metabolism in insects.
DEHYDROGENASES	4473	4531
Boron in plants: A biochemical role.	The regulatory capacity of the dorsal	Diapause in Apanteles congregatus.
4912	mesothoracic disc in Ceratitis capitata Wied	4586
Intracellular localization and characteristics of	(Diptera, Trypetidae).	DIARRHEA
lactate dehydrogenase activity of Salmonella		Thermoresistant Clostridium perfringens of the
typhosa (NCTC 8385).	Dietary choline requirements, phospholipids and development in Phormia regina.	A type in poultry. 4807
4936	4511	DIASPIDIDAE
DELPHACIDAE Polymorphism in males of the sugarcane leaf-	Regulation of growth of nurse nuclei in the	New and little known armoured scales (Homop-
hopper, Perkinsiella saccharicida.	development of egg follicles in Cecidomyiidae	terai Diaspididae) from South Africa. 4.
4576	(Diptera).	4415
DEMOGRAPHY	Prosthately in Combidee of the	DIAZINON
Study of the dependence of the population	Prothetely in Carabidae of the genus Pterostichus.	Diazinon against plant pests. 4655
dynamic of the apple moth (Carpocapsa	4577	
pomonella L.) on the fruit yield of the hostplant.	Data in evidence of a retardation of development	The determination of the amount of diazinon residues in foodstuff by means of labeled
DENDROCTONUS OBESUS	of Drosophila melanogaster by a reduction in the	diazinon. (Summary).
Wood-and-bark-feeding Coleoptera of felled	natural environmental radiation.	4877
spruce in interior British Columbia.	4582	Pesticide residues in cultivated mushrooms.
4425	The action of different temperatures on the duration of postembryonic development and the du-	4891
DEOXYRIBONUCLEASES	ration between molts in adults of six species of	A preliminary study of the extraction of parathion and Diazinon by the Mills, Onley,
Drosophila deoxyribonucleases. I Variation of	epigeous and cave Collembola, Hypogastruridae.	Gaither Acetonitrile Procedure.
deoxyribonucleases in Drosophila melanogaster. 4629	4609	4937
DEOXYRIBONUCLEIC ACID	Tritium labelling and cytochemistry of extra DNA in Acheta.	DICAMBA
Changes of DNA replication behavior associated	4642	Finesse in weed control.
with intragenic changes of the white region in	Larval development of a nematode parasite of	4778
Drosophila melanogaster. 4627	the dog circulatory system in dulcaquicoles mol-	DICHLORO-2,2-BIS(P-CHLOROPHENYL) ETHYLENE, 1,1-
	lusks.	Pesticides in hatchery troutdifferences
Extra replications in the DNA-PUFFS of Sciara coprophila.	4857	between species and residues levels occuring in
4631	DIAGNOSIS Diagnoses of pear decline and rootstock identifi-	commercial fish food. 4874
DNA synthesis in the neo-X neo-Y sex deter-	cation in young pear orchards.	Residues in fish, wildlife, and estuaries. Insecti-
mination system of Dichroplus bergi (Orthop-	4687	cide concentrations in wildlife at Presidio, Texas.
tera: Acrididae).	Respiratory disease in the pig. II.	4876
	4798	Pesticide residues in a marine population of dou-
Incorporation of tritium-acetamide and tritium- thymidine into the eye disks of Drosophila	Fluorescent antibody techniques for vesicular	ble-crested cormorants.
melanogaster.	stomatitis virus. 4799	4883
4639	The focal distribution of lesions of porcine	An evaluation of the effects of the Aedes aegypti eradication program on wildlife in South Florida.
Tritium labelling and cytochemistry of extra	hypernatremic eosinophilic meningo-en-	4884
DNA in Acheta.	cephalitis for diagnostic purposes.	Pesticides in people. Storage of DDT in the peo-
	4803	ple of Israel.
Chromosome replication in Salmonella typhimurium.	Sideroleucocytes as a diagnostic aid in equine in-	4890
4805	fectious anaemia. 4815	DICHLOROPHENOXY)BUTYRIC ACID, 4-(2,4-
2-deoxyribose gene-enzyme complex in Sal-	Observations on the practical use of the rapid	Response of mixed crop of wheat and rape to three chlorophenoxy herbicides.
monella typhimurium: Regulation of	mastitis test.	4777
phosphodeoxyribomutase.	4821	DICHLOROPROPENE, 1,3-
4818	Costing acute Mareks disease.	Methyl bromide, Trizone and Telone PBC com-
Some biochemical changes taking place in the course of the transformation of streptomycin re-	4828	pared in the control of fusarium wilt of the green-
sistance in streptococci.	Pathological studies on pseudotuberculosis	house tomato.
4932	rodentium. III. Spontaneous swine cases. 4829	DICHLORVOS
DERMACENTOR ALBIPICTUS	Incidence of hydatosis in livestock in Lahore.	Control of date palm leafhoppers in Iraq by aeri-
The first discovery of free-living larvae of the ear	4842	al spraying.
tick, Otobius megnini (Duges), in British Columbia.	The pale muscle problem in pigs.	4739
oia. 4424	4845	DIELDRIN Termite control in rubber plantations.
DERMACENTOR ANDERSONI	Prevent worms to increase sheep profits.	4521
The first discovery of free-living larvae of the ear	4856	Narcissus flies.
tick, Otobius megnini (Duges), in British Colum-	Nymphal stage of Linguatula serrata found in	4748
bia. 4424	mesenteric lymph node of a bovine.	Imported and indigenous natural enemies of
Pest-management concepts and control of tick	DIANTHUS CADVODHVI I IIS	citrus coccids and aphids in Cyprus, and an as-
paralysis in British Columbia.	DIANTHUS CARYOPHYLLUS Research possibilities and the improvement of	sessment of their potential value in integrated control programmes.
4849	the carnation cultivated as a cut flower.	4763

Efficiency of some fungicides in the disinfection of the carnation roots.

4656

4692

Pesticides in hatchery trout---differences between species and residues levels occuring in commercial fish food.

4874

DERMESTES MACULATUS
Response of some stored-product insects to
Trogoderma granarium pheromones.

4625

DIETHYL O-3,5,6-TRICHLORO-2-PYRIDYL PHOSPHOROTHIOATE, O,O

4779

An evaluation of the effects of the Aedes aegypti eradication program on wildlife in South Florida. 4884	DIPTERA Taxonomic notes on the larva of British Diptera.	DOSAGE Nutrition of the silkworm, Bombyx mori. XVI.
Pesticides in soil. Monitoring for chlorinated	no. 25, The larva and pupa of Dioctria rufipes (Degeer) (Asilidae).	Quantitative requirements for essential amino acids. 4451
hydrocarbon pesticides in soil and root crops in the Eastern States in 1965.	Two Dolichopodidae (Diptera) from St. Helena Island South Atlantic.	Aspects of virus multiplication and average reduplication time for a granulosis virus of
Problems in monitoring DDT and its metabolites in the environment.	4378 New species of Meromyza Mg. (Diptera,	Zeiraphera diniana (Guenee).
4889 Pesticides in people. Storage of DDT in the peo-	Chloropidae) from Transbaykalia.	Effect of ionizing radiation on Dacus zonatus fruit fly eggs and larvae in situ.
ple of Israel.	Contribution to the knowledge of the hosts of the genus Opius (Hymenoptera, Braconidae).	4505 Integrated control of the fruit-tree leaf roller,
Structure of Klein's metabolites of aldrin and of dieldrin. 4926	4385 Tabanidae (Diptera) of the Netherlands.	Archips argyrospilus (Walker), and the eye- spotted bud moth, Spilonota ocellana (Denis and Schiffermuller).
	4403	4553
DIETHYL O-3,5,6-TRICHLORO-2-PYRIDYL PHOSPHOROTHIOATE, O,O Effects of low volume aerial spraying of Dursban	Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the YBBS.	Trans-ovum transmission of insect viruses as a biological control. 4600
and fenthion on fish. 4885	DIPYRIDYL 4851	Effect of high temperatures on the resistance of insects to infectious diseases.
DIFFUSION	The dipyridillics in tomato cultures.	4607
Comparison of sulphur dioxide and formal-	4914	Caterpillar size and the dosage of Bacillus thurin-
dehyde as bacteriostats in diffusion. Part II. 4913	DIQUAT	giensis preparations.
DIFOLATAN	The dipyridillics in tomato cultures. 4914	4621
1967 field trials on control of coffee berry dis-	DISEASE CONTROL	The influence of the genotype on the frequency
ease in Kenya. 1V.	Needed: A miracle method for soil borne disease	of radiation induced an euploidy in the oogenesis
4698	control.	of Drosophila melanogaster. V. A tentative explanation of the differences in the dose-response
DIGITARIA	4695	curves.
Finesse in weed control. 4778	DISEASE TRANSMISSION	4635
DIMETHOATE	Toxoplasma gondii: Fecal forms separated from	New fungicide for potato blight.
Toxicity of organophosphorous insecticides ap-	eggs of the nematode Toxocara cati. 4811	4684
plied as foliar spray, soil drench and seed treat-	Toxoplasma gondii: Transmission through feces	Efficiency of some fungicides in the disinfection of the carnation roots.
ment to Aphis gossypii Glover (Aphididae:	in absence of Toxocara cati eggs.	4692
Homoptera).	4841	1967 field trials on control of coffee berry dis-
Pesticide residues in cultivated mushrooms.	DIURNAL RHYTHM	ease in Kenya. IV.
4891	The action of dark phases of varying durations in	4698
DIMETHYLAMINOSUCCINAMIC ACID, N	the circadian, ultra- and infra-circadian rhythms on the production of winged gynophores of	Insect pathogens and microbial control of insects
Growth retardant tests on potted poinsettias.	Dysaphis plantaginea Pass. (Homoptera,	in stored products. I. Test with Bacillus thurin- giensis Berliner against moths.
4905	Aphididae).	4864
DINITRO-O-SEC-AMYLPHENOL	4461	Susceptibility of different stored-products moth
Extraction and cleanup procedure for the gas chromatographic determination of four	Circadian clock action spectrum in a	larvae to Bacillus thuringiensis.
dinitrophenolic pecticides.	photoperiodic moth. 4465	4867
4942	Diurnal variation in some Krebs cycle enzymes in	Effects of low volume aerial spraying of Dursban and fenthion on fish.
DINITROBUTYLPHENOL	cactus (Nopalea dejecta) phylloclades.	4885
Extraction and cleanup procedure for the gas chromatographic determination of four	4910	Investigation of effects of large-scale applica-
dinitrophenolic pecticides.	DIURON	tions of 2,4-D on aquatic fauna and water quali-
4942	Studies of phytotoxicity in the use of herbicides	ty. 4888
DINITROCRESOL	for controlling annual weeds in almond orchards. 4780	Pesticide residues in cultivated mushrooms.
Extraction and cleanup procedure for the gas chromatographic determination of four	DNA VIRUSES	4891
dinitrophenolic pecticides.	Characterization of a small porcine DNA virus.	DDT: Sublethal effects on brook trout nervous
4942	4826	system.
DINITROPHENOLS	DODINE	4892
Intestinal transport and metabolism of D-amino acids in the silkworm, Bombyx mori L.	Disease control in nonbearing orchards. 4699	Some observations concerning the maximum dosage ordinance.
4599	DOGS	4897
Extraction and cleanup procedure for the gas	Experiences about the tolerance and use of	Ag firm concentrates on waterless spraying.
chromatographic determination of four	Stagloban in the dog.	4943
dinitrophenolic pecticides. 4942	4836	Aircraft operations in the Colusa project.
DINOCAP	Staphylococcal intoxication of young suckling	4944
Disease control in nonbearing orchards.	whelps.	The resistance of Fx and IAN rubber cones to
4699	Larval development of a nematode parasite of	leaf diseases in Brazil.
DINOSEB	the dog circulatory system in dulcaquicoles mol-	4693
Studies of phytotoxicity in the use of herbicides	lusks.	DPA
for controlling annual weeds in almond orchards. 4780	A857	DPA for scald control.
DIOCTRIA RUFIPES	Two Dolichopodidae (Diptera) from St. Helena	4715 Problems with scald inhibitors.
Taxonomic notes on the larva of British Diptera.	Island South Atlantic.	4863
no. 25, The larva and pupa of Dioctria rufipes	4378	DRAFT BUFFALOES
(Degeer) (Asilidae).	Predatory behaviour of a Dolichopodid and an	First records of eye-frequenting moths from
DIPAROPSIS	Ephydrid (Dipt.).	Ceylon. 4365
Breeding work for the creation of glandless cot-	DORSAL VESSEL	DROSOPHILA 4305
ton varieties in chad.	Cardiac activity of Locusta migratoria in vitro	A revision of the subgenus Hirtodrosophila of the
DIDHENAMID	and the influence of the corpora cardiaca. Per-	Old World, with descriptions of some new spe-
DIPHENAMID Weed control studies in strawberries.	fection of an experimental method and prelimi-	cies and subspecies (Diptera, Drosophilidae,
weed control studies in strawberries.	nary results.	Drosophila).

ELECTRON MICROSCOPY

DROSOPHILA HYDEI A specific chromosome element, the telomere of Drosophila polytene chromosomes.	Experiences about the tolerance and use of Stagloban in the dog. 4836	Republic. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.
DROSOPHILA MELANOGASTER Action of ecdysone on the larvae of Drosophila	Note on modifications of the AOAC method for amprolium in feed concentrates. 4895	4783 Pesticide residues in cultivated mushrooms. 4891
melanogaster subjected to starvation. The existence of two pre-requisites for the formation of the puparium.	Care and use of veterinary biologics. 4921	ECONOMICS Irrigation by spraying.
4491	DRY FARMING Effect of Spartin under dryland farming on	4659 Cultivation of the sapogenin-bearing Dioscorea
Study of the multiplication of Sindbis arbovirus in Drosophila.	Setaria italica (Beauv.).	species.
4509	DRYING	4664 Experimental husbandry farm experience with
The origin and growth of the genital disc in Drosophila melanogaster Meig. 4540	An autoradiographic study of invertebrate uptake of DDT-CL36. 4618	herbicides and tillage systems for cereal growing. 4678
Action of natural ionizing radiations on	DUSTING	Wheat. 4691
reproduction in the metazoa: Research on Drosophila melanogaster. 4581	The boll weevil; How to control it. Part II. 4348	Costing acute Mareks disease. 4828
Data in evidence of a retardation of development	Don't take lightly these brinjal borers. 4759	Prevent worms to increase sheep profits.
of Drosophila melanogaster by a reduction in the natural environmental radiation.	Imported and indigenous natural enemies of	4856
4582	citrus coccids and aphids in Cyprus, and an as- sessment of their potential value in integrated	Ag firm concentrates on waterless spraying. 4943
Evidence of a variant of the vesicular stomatitis virus (Indiana strain) which confers a retarded	control programmes.	Aircraft operations in the Colusa project. 4944
sensitivity to carbonic gas in Drosophila melanogaster.	DYSAPHIS PLANTAGINEA	Some factors affecting the choice of materials for
4584	The action of dark phases of varying durations in the circadian, ultra- and infra-circadian rhythms	chemical plant equipment.
Changes of DNA replication behavior associated with intragenic changes of the white region in	on the production of winged gynophores of	The practical use of aerial application.
Drosophila melanogaster.	Dysaphis plantaginea Pass. (Homoptera, Aphididae).	4958
4627 Drosophila deoxyribonucleases. I Variation of	4461	EGGPLANT Don't take lightly these brinjal borers.
deoxyribonucleases in Drosophila melanogaster.	DYSDERCUS FASCIATUS Amino acid requirements of the cotton stainer,	4759
4629 Cellular degeneration in the production of some	Dysdercus fasciatus Signoret (Pyrrhocoridae, Hemiptera).	EIMERIA TENELLA The physio-pathology of chicken caecal coc-
mutant phenotypes in Drosophila melanogaster.	ECDYSONE 4447	cidiosis: Experimental study of immunogenesis, action of specific antilymphocytic sera.
The influence of the genotype on the frequency	Action of ecdysone on the larvae of Drosophila	4809
of radiationinduced aneuploidy in the oogenesis of Drosophila melanogaster. V. A tentative ex-	melanogaster subjected to starvation. The existence of two pre-requisites for the formation of	EKATIN Toxicity of organophosphorous insecticides ap-
planation of the differences in the dose-response curves.	the puparium.	plied as foliar spray, soil drench and seed treat- ment to Aphis gossypii Glover (Aphididae:
4635	ECHINOCOCCOSIS	Homoptera).
Seasonal changes in the direction of mating in Drosophila melanogaster in the experiments with a natural inversion.	The incidence and burden of Hymenolepis diminuta cysticerloids as a function of the age of the intermediate host, Tribolium confusum.	4757 ELECTRON CAPTURE Pesticides in soil. Monitoring for chlorinated
4636	4524	hydrocarbon pesticides in soil and root crops in the Eastern States in 1965.
Transdetermination in cells. 4637	Incidence of hydatosis in livestock in Lahore. 4842	4886
Incorporation of tritium-acetamide and tritium- thymidine into the eye disks of Drosophila melanogaster.	ECHINOCOCCUS GRANULOSUS Incidence of hydatosis in livestock in Lahore. 4842	ELECTRON MICROSCOPY Ultrastructural peculiarities of the myofibrils in the flight muscles of Lepidoptera.
4639	ECOLOGY	4452
DRUG PLANTS Cultivation of the sapogenin-bearing Dioscorea	Experiments on the milky disease of the larva of Melolontha melolontha L.	Remarks on the structure of insect flight muscle fibrils at the striation level.
species.	4515	4453
DRUG THERAPY	Annual report of the Department of Agriculture for the year 1962/63. (II).	Evidence for important intercellular spaces in the hypodermis and paracrystalline formations in
The Amprolium-Ethopabate combination. A	4665	the exuvial liquid of the larvae of Galleria mellonella L. (Lepidoptera Pyralidae) during the
new stage in the prevention of avian coccidiosis. 4720	Some observations on ecological, physiological and biochemical aspects of weed control.	formation of the cuticle.
Protective action of the encephalitogen and other basic proteins in experimental allergic en-	4776 Obligatory and additional hosts of helminths.	Ultrastructure of the hemocytes of Locusta
cephalomyelitis.	A synopsis of the pesticide problem.	migratoria (Orthoptera). 4512
Inhibition of the multiplication of foot-and- mouth virus in an adult mouse which had first	4899	The infrastructural morphology of Pillotina calotermitidis nov. gen., nov. sp., a
been treated with the adjuvant of Freude .	ECONOMIC CONDITIONS The individual. 4789	Spirochaetales of the intestine of Calotermes praecox.
Studies on the treatment and prophylaxis of Sal-	ECONOMIC FORECASTING	4513
monella pullorum infection in chicks with chloromycetin.	1969-Pest Control's economic forecast. 4951	Spermiogenesis in Aedes aegypti (L.).
Therapeutic effect of SDDS (2-sulfamoyl-4,4'-	Some problems of method and content in working up a forecast, demonstrated on the example	On the presence of a virus in the testicle of a homopteran insect.
diaminodiphenyl sulfone) on experimental tox- oplasmosis.	ing-up a forecast -demonstrated on the example of the plant protection- and pesticide manufac-	4555
4843	turing industry. 4957	The particle lining of the plasmic membrane in connection with excretion in a specialized region
Care and use of veterinary biologics. 4921	ECONOMIC PLANTS	of the middle intestine of higher termites.
DRUGS	Results of tests with a new corn cultivation technology, using a minimum of work effort and	Observations on the ultrastructure of the
Choleresis in sheep. 4830	the effectiveness of new herbicides under the conditions prevailing in the Socialist Rumanian	parasympathetic organs of the phasmids.
4030	conditions prevaiing in the socialist Rumanian	4585

Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis.

ENCEPHALOMYELITIS

Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae).

Comandra blister rust of hard pines.

4448

ELECTRON TRANSPORT

EMULSIONS

Protecting larch logs from Tetropium velutinum Leconte with lindane emulsion.

4754

Electron microscope study of the virus of the granulosis of the fall webworm (Hyphantria cunea Drury).

The presence of particles with the appearance of

nucleocapsius associated with mitochrondrites in	ENDOSULFAN	4711
the cells of a hamster infected with Rous virus.	First occurrence of balsam woolly aphid in the	Some observations on ecological, physiological
4812	interior of British Columbia.	and biochemical aspects of weed control.
Ultrastructure of homogeneous bodies and cellu-	4441	4776
lar bodies during the course of rickettsial infec-	ENDOTOXINS	
tions.	Caterpillar size and the dosage of Bacillus thurin-	Problems in monitoring DDT and its metabolites
4813		in the environment.
Theory of classification of the densonucleose	giensis preparations.	4889
	4621	ENVIRONMENTAL CONTROL
viruses, based on the study of molecular struc-	Opsonins examination in the mouse after en-	Data in evidence of a retardation of development
tures and physiochemical properties.	dotoxin-induced resistance to infection.	of Drosophila melanogaster by a reduction in the
4823	4833	natural environmental radiation.
The mode of formation of intracytoplasmic	ENDRIN	4582
structures in tumors induced by viruses of the		
avian sarcoma leucosis group.	Influence of infestation by early shoot borer	ENZYMES
4824	Chilotraea infuscatellus Sn. on shoot production	Poisoning of Pieris brassicae L. by an enzyme
	and yield of sugarcane.	fraction of the toxin of the crystals of the strains
Characterization of a small porcine DNA virus.	4751	Bacillus thuringiensis serotype U Berliner and
4826	Don't take lightly these brinjal borers.	serotype. III. Anduze.
ELECTRON TRANSPORT	4759	4560
Terminal electron transport in Leptospira.		Effect of melatonin on egg production of the boll
4797	Residues in fish, wildlife, and estuaries. Insecti-	
ELECTROPHORESIS	cide concentrations in wildlife at Presidio, Texas.	weevil, Anthonomus grandis. 4571
	4876	
Evidence, by cellulose acetate electrophoresis,	Problems in monitoring DDT and its metabolites	Drosophila deoxyribonucleases. I Variation of
of a vitellogenetic protein in the hemolymph of	in the environment.	deoxyribonucleases in Drosophila melanogaster.
the female imago of the cabbage pierid (Pieris	4889	4629
brassicae L.).	4009	Studies on enzyme synthesis of cerebroside
4538	A tidal rhythm in the susceptibility of Fundulus	
Polyacrylamide gel electrophoretic analysis of	similis to sodium chloride and endrin.	sulphate from 3'-phosphoadenosine-5'-
the proteins of Locusta migratoria (L.) and the	4896	phosphosulphate.
corresponding albino mutant.	ENGINEERING	4788
4561		Oxidative enzymes in Escherichia coli plasma
	Some factors affecting the choice of materials for	membrane.
Drosophila deoxyribonucleases. I Variation of	chemical plant equipment.	4792
deoxyribonucleases in Drosophila melanogaster.	4947	Intermediate energy metabolism of Leptospira.
4629	ENTEROBACTERIACEAE	
Studies on the application of electrophoresis to	Experiences with culture media for the selective	4796
the isolation of RNA infective fractions from	microbiological analysis of meatproducts.	Studies of serum enzymes in swine infected by
tobacco plants infected with the potato virus X.	4869	two strains of hog cholera virus.
		4804
I. Characterisation of RNA preparations from	ENTEROBIUS VERMICULARIS	2-deoxyribose gene-enzyme complex in Sal-
tobacco leaves, analysed by means of elec-	Evaluation of the anthelmintic activity of	
trophoresis in coloured agar gels.	thiabendazole in man. (abstract).	
4710	4860	phosphodeoxyribomutase. 4818
Boron in plants: A biochemical role.	ENTOMOGENOUS FUNGI	
4912	Test on the use of Fusarium episphaeria f. cocco-	Hormonal effect on certain glycolytic enzymes of
ELECTROPHYSIOLOGY	phila (Desm.) Snyder and Hansen in the control	rat mammary gland.
Electrophysiological evidence of the tactile func-	of the California red scale, Aonidiella aurantii.	4831
tion of the sensillary trichia on the antenna of the	4483	Competitive development of enzymatic activity
Speophyes lucidulus Delarouzee (cave Coleop-		of transcriptase and replicase in the course of a
tera) larva.	The influence of the fungus Beauveria bassiana	viral disease in cattle.
4479	Vuill. on the fertility and the diapause of Lep-	4837
	tinotarsa decemlineata Say.	
Electrical resistance of intact integument	4488	Problems in monitoring DDT and its metabolites
throughout the molt cycle of a cockroach.	An epidemic of Entomophthora among syrphid	in the environment.
4593	flies of the region of Geneva.	4889
Electrophysiological study of contact	4610	The effect of CCC and Amo-1618 on growth,
chemoreceptors in bloodsucking Diptera.		catalase, peroxidase and indoleacetic acid ox-
4624	Results of field experiments carried out in 1954	idase activity of young barley seedlings.
	and 1955 in switzerland concerning the microbi-	4908
EMBRYOS	al control of the larvae of Melolontha	
Some problems on developmental physiology in	melolontha L.	Diurnal variation in some Krebs cycle enzymes in
the silkworm egg.	4622	cactus (Nopalea dejecta) phylloclades.
4570	The reciprocal relationships in mixed cultures of	4910
Transdetermination in cells.	entomophagous fungi and the effect of some	Boron in plants: A biochemical role.
4637		4912
	Hyphomycetes on their growth.	
EMERGENCE	4690	Polyguanylic acid and its effect on amino acid in-
Wood-and-bark-feeding Coleoptera of felled	ENTOMOLOGY	corporation.
spruce in interior British Columbia.	The entomological year 1966.	4925
4425	4351	EOSINOPHILS
EMPOASCA FLAVESCENS		The focal distribution of lesions of porcine
The cicadelle Empoasca flavescens and the grill	Records of Ohio fleas (Siphonaptera).	hypernatremic eosinophilic meningo-en-
of grapevines in the South-West of France.	4397	cephalitis for diagnostic purposes.
4761	Iconography of the eggs of the Lepidoptera	4803
	fauna of Belgium.	
EMPUSA	4429	EPHESTIA ELUTELLA
An epidemic of Entomophthora among syrphid		Insect pathogens and microbial control of insects
flies of the region of Geneva.	Annual report of the Department of Agriculture	in stored products. I. Test with Bacillus thurin-
4610	for the year 1962/63. (II).	giensis Berliner against moths.
EMULSIFYING AGENTS	4665	4864
Inactivation of juvenile hormone like compounds	ENVIRONMENT	Susceptibility of different stored-products moth
in insects.	Choice of resting site by Noctuidae (Lepidop-	larvae to Bacillus thuringiensis.
4501	tera).	4867

Biology and control of native and introduced forest insects in the Nearctic Zone.

4352

4375

EPHYDRIDAE

Predatory behaviour of a Dolichopodid and an Ephydrid (Dipt.).

EPIDEMIOLOGY A preliminary study on the polyhedrosis virus of jute semilooper, Anomis sabulifera Guen.	Association of increased recipient ability for R factors and reduced virulence among variants of Salmonella choleraesuis var. kunzendorf.	EXPERIMENT STATIONS Annual report of the Department of Agriculture for the year 1962/63. (II).
4516	4819	4665
Comandra blister rust of hard pines. 4711	ESTERASES Esterase and phosphatase polymorphism in natu-	EXPERIMENTAL DESIGN Cardiac activity of Locusta migratoria in vitro
Respiratory disease in the pig. II.	ral population of wild silkworm, Theophila mandarina L.	and the influence of the corpora cardiaca. Per- fection of an experimental method and prelimi-
Thermoresistant Clostridium perfringens of the	4626	nary results.
A type in poultry.	ESTERS Blackberry control near orchards and vegetable	EXPERIMENTAL INSECTS
4807	gardens.	The introduction, release, and recovery of
Costing acute Mareks disease. 4828	4770	parasites of the alfalfa weevil in Eastern United States.
Pathological studies on pseudotuberculosis	Investigation of effects of large-scale applica- tions of 2,4-D on aquatic fauna and water quali-	States. 4466
rodentium. III. Spontaneous swine cases.	ty. 4888	Use of cherry-laurel foliage for preparation of an effective insect-killing jar.
Incidence of hydatosis in livestock in Lahore.	ETHOPABATE	4504
4842	The Amprolium-Ethopabate combination. A	Results of experiments carried out in Hungary
EPITHELIUM	new stage in the prevention of avian coccidiosis. 4720	with Bacillus thuringiensis. 4525
Intranuclear crystals in the midgut epithelium of a flea.	ETHYL ALCOHOL	An action of insect hormones on carbohydrate
4589	Attractant and feeding responses of hickory suckworm larvae to certain extracts of pecan	metabolism in insects.
EPIZOOTIC DISEASES Information on a natural bacterial epizootic dis-	shucks.	Diapause in Apanteles congregatus.
ease on Ephestia kuhniella Zeller, caused by a	4514	4586
bacillus of the type of Bacillus thuringiensis. 4537	TLC spotting solvent for aflatoxins. 4938	Effect of high temperatures on the resistance of insects to infectious diseases.
The epizootiological importance of foot-and-	Gibberellin delays ripening of tomatoes.	4607
mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease follow-	4906	EXTENSION WORK We can solve international residue problem if 4956
ing vaccination with an oil adjuvant inactivated virus vaccine.	EUCERCERIS Biology of wasps of the tribe Cercerini, with a list	EXTRACTION
4827	of the Coleoptera used as prey.	A preliminary study of the extraction of
EQUINE INFECTIOUS ANEMIA	4597	parathion and Diazinon by the Mills, Onley,
Sideroleucocytes as a diagnostic aid in equine infectious anaemia.	EUGLANDINA ROSEA Biological control of snails exerted by Euglan-	Gaither Acetonitrile Procedure. 4937
4815	dina rosea (Ferussac) in Bermuda.	Extraction and cleanup procedure for the gas
EQUIPMENT	4786	chromatographic determination of four
Irrigation by spraying.	EULOPHIDAE	dinitrophenolic pecticides. 4942
4659	Observations on the morpho-biology of Pnigalio mediterraneus Ferr. and Del. (Hym. Eulo-	EXTRACTS
Drench your trees against San Jose scale. 4738	phidae).	Attractant and feeding responses of hickory suckworm larvae to certain extracts of pecan
Aircraft operations in the Colusa project.	EUMENIDAE	shucks.
The machinery generally used for efficient	The occurrence of the solitary wasp Pterochilus phaleratus Panz. in the Scandinavian countries	EXUDATES 4514
sterilization and disinfestation of the soil.	(Hym. Eumenidae).	Rhizosphere root exudates and their effect on
4945	4379	microbial activity.
For a better and more profitable technique in the application of soil fumigants.	EUMERUS STRIGATUS	4662 EXUVIAL FLUID
application of son fullingants.	Narcissus flies.	The role of the exuvial fluid swallowed before
Some factors affecting the choice of materials for	EUMERUS TUBERCULATUS	emergence, in the expansion of the wings of
chemical plant equipment.	Narcissus flies.	Bombyx mori L 4572
4947	4748	EYES
Sodium tri-polyphosphate carried by tanker. 4950	EUPHORBIA PULCHERRIMA Growth retardant tests on potted poinsettias.	First records of eye-frequenting moths from
The practical use of aerial application.	4905	Ceylon.
4958	EUPTYCHIA	4365 Incorporation of tritium-acetamide and tritium-
ERIOPHYES INCIDIOSIS	A note on the family Euptychia (s. l.) (Lep.	thymidine into the eye disks of Drosophila
Several measures used to combat fruit plant viruses.	Satyridae). 4405	melanogaster. 4639
4731	EUPTYCHIA ARIUS	EYESPOT
ERIOSOMA LANIGERUM	A note on the family Euptychia (s. l.) (Lep.	Wheat.
Hard-to-kill pests of fruit treeswoolly apple-	Satyridae).	4691
aphid. 4747	EUZOPHERA PERTICELLA	FALLOWING The role of nematodes in horticulture.
ERWINIA	Don't take lightly these brinjal borers.	4767
The problem of the potato blackleg disease.	4759	FARM MANAGEMENT
4697	EVALUATION Comparison of various methods for the deter-	Experimental husbandry farm experience with
ERYSIPELAS BACTERINS Sudden death in feeder pigs.	mination of the herbicidal action of herbicide preparations against annual weeds in sugarbeets	herbicides and tillage systems for cereal growing. 4678
4816 ESCHERICHIA COLI	and potatoes. In: Collection of reports given at	FARMERS The cotton farmer of the year.
Drosophila deoxyribonucleases. I Variation of	the International Herbicide Conference, Prague, June 21-24, 1966.	4953
deoxyribonucleases in Drosophila melanogaster.	4774	The law and the use of pesticides.
4629	An evaluation of the effects of the Aedes aegypti	4964
Oxidative enzymes in Escherichia coli plasma membrane.	eradication program on wildlife in South Florida. 4884	FASCIOLA HEPATICA Isolation of a specific antigen of the large liver
4792	EXCRETION	fluke (Fasciola hepatica L.).

EXCRETION

The particle lining of the plasmic membrane in connection with excretion in a specialized region of the middle intestine of higher termites.

4574

FAT BODY
The existence of inclusions which have a lamella ultrastructure in the nucleus of certain bacterio-

Sensitiveness of E. coli isolated from the intestines of broilers in the terrain to chlortetracyclin, streptomycin and furazolidon in 1966.

4795

Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control.

Here we go again... Pesticides under fire from new consumer group.

4873

4433

FATTY ACIDS

cytes in the adipose tissue of Periplaneta americana (Insecta, Blattidae).

4498

FATTY ACIDS	FIBERS	EOOD HADITS
The presence of volatile fatty acids in the gut of a higher termite (Microcerotermes edentatus Was., Amitermitinae).	Attack on moco cotton by pink bollworm in Ceara.	FOOD HABITS The adaptability of Blastophagus piniperda L. (Col. Scolytidae) to various Pinus and the
4535	FISH	preferences of this insect in regard to these forest species.
Intermediate energy metabolism of Leptospira.	Pesticides in hatchery troutdifferences	4476
4796	between species and residues levels occurring in	The influence of the brood comb on food
Fatty acid composition of phosphatidyl	commercial fish food.	exchange between honeybee workers (Apis mel-
ethanolamine of Mycobacterium tuberculosis.	4874	lifera).
4939	Residues in fish, wildlife, and estuaries.	4486
FECES	Chlorinated pesticide levels in the Eastern oyster	Food gathering behavior of the ant, Camponotus
Toxoplasma gondii: Fecal forms separated from	(Crassostrea virginica) from selected areas of the	noveboracensis (Fitch) (Hymenoptera: For-
eggs of the nematode Toxocara cati.	South Atlantic and Gulf of Mexico.	micidae).
4811	4875	4499
Toxoplasma gondii: Transmission through feces	Effects of low volume aerial spraying of Dursban	Apomyelois bistriatella: A moth which feeds in
in absence of Toxocara cati eggs.	and fenthion on fish.	an ascomycete fungus (Lepidoptera: Pyralidae).
4841		4583
FEED	A tidal rhythm in the susceptibility of Fundulus similis to sodium chloride and endrin.	Orientation of carrion beetles to carrion: Ran-
Studies on chemical weed control with fodder	4896	dom or nonrandom . 4598
kale.		
4771	Use insecticides safely. 4901	Preliminary observations on the choice of host
Residues in food and feed. Chlorinated pesticide	FLACHERIE	plants by adults of the citrus psylla, Trioza erypreae (Del Guercio) (Homoptera: Psyllidae).
residues in fluid milk and other dairy products in the United States.	Effect of some disinfectants on the flacherie	4749
4880	virus of the silkworm, Bombyx mori L.	FOOD MOISTURE
FEED CONCENTRATES	4617	Bulk wheat pests can be controlled by simple
Sensitiveness of E. coli isolated from the in-	FLORISIL	precautions.
testines of broilers in the terrain to chlortetra-	Variation of Florisil activity: Simple method for	4866
cyclin, streptomycin and furazolidon in 1966.	measuring adsorbent capacity and its use in stan-	FOOD PRESERVATIVES
4795	dardizing Florisil columns.	Effects of chemical preservatives and storage on
Note on modifications of the AOAC method for	4934	constituents used to characterize lemon juice.
amprolium in feed concentrates.	FLOUR	4940
4895	Mobility in Tribolium confusum.	FOOD SANITATION
FEED TOXICITY	4565	Experiences with culture media for the selective
Sensitiveness of E. coli isolated from the in-	FLOWERS	microbiological analysis of meatproducts.
testines of broilers in the terrain to chlortetra-	Biological control of snails exerted by Euglan- dina rosea (Ferussac) in Bermuda.	4869
cyclin, streptomycin and furazolidon in 1966.	4786	FOOD SUPPLY
	FLUORESCENT ANTIBODY TECHNIC	Honey bee recruitment to food sources: Olfac-
Thermoresistant Clostridium perfringens of the A type in poultry.	Fluorescent antibody techniques for vesicular	tion or language.
4807	stomatitis virus.	
Note on modifications of the AOAC method for	4799	FOOT ROT
amprolium in feed concentrates.	FOENATOPUS HOGGARENSIS	Fusarium foot rot of kenaf (Hibiscus lannabinus L.) in Iran.
4895	New genera and species of chalcid flies (Hym.,	4723
FEEDING	Chalcidoidea) and a new species of Foenatopus	FOOT-AND-MOUTH DISEASE
Predatory behaviour of a Dolichopodid and an	Smith (Hym., Ichneumonidae, Stephanidae)	The epizootiological importance of foot-and-
Ephydrid (Dipt.).	from Hoggar. 4391	mouth disease carriers. II. The carrier status of
4449	FOLIAGE	cattle exposed to foot-and-mouth disease follow-
The development of an artificial diet not contain-	Use of cherry-laurel foliage for preparation of an	ing vaccination with an oil adjuvant inactivated
ing leaf powder of any food plants for Eri-silk-	effective insect-killing jar.	virus vaccine.
worm raising.	4504	4827
4493	Fertilization of semi-mature stands in Newfoun-	FOOT-AND-MOUTH DISEASE VIRUS
Attractant and feeding responses of hickory	dland.	Virulence, adsorbability, and antigenicity of
suckworm larvae to certain extracts of pecan shucks.	4652	foot-and-mouth disease virus selected by adsorp- tion with homogenized mouse kidney.
4514	FOLIAR APPLICATION	4802
Brood care in halictine bees.	Growth retardant tests on potted poinsettias.	Inhibition of the multiplication of foot-and-
4529	4905	mouth virus in an adult mouse which had first
FENTHION	Effect of foliar sprays of plant regulators (IAA	
		been treated with the adjuvant of Freude.
Effects of low volume aerial spraying of Dursban	and GA) on the growth and yield of Knol Khol	4814
and fenthion on fish.	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes).	4814 Competitive development of enzymatic activity
	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918	4814 Competitive development of enzymatic activity of transcriptase and replicase in the course of a
and fenthion on fish. 4885 FERMENTATION	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle.
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara.	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey.	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle.
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoun-
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Lep-	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States.	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland.
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say. 4488	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say.	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS The determination of the amount of diazinon	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION The important forest pests of Spain.
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say. 4488 FERTILIZATION (PLANTS) Fertilization of semi-mature stands in Newfoundland.	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary).	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION The important forest pests of Spain. 4660 FOREST INSECTS Biology and control of native and introduced
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say. 4488 FERTILIZATION (PLANTS) Fertilization of semi-mature stands in Newfoundland. 4652	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS The determination of the amount of diazinon residues in foodstuff by means of labeled	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION The important forest pests of Spain. 4660 FOREST INSECTS Biology and control of native and introduced forest insects in the Nearctic Zone.
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say. 4488 FERTILIZATION (PLANTS) Fertilization of semi-mature stands in Newfoundland. 4652 FERTILIZER APPLICATION	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 FOOD CONTAMINATION	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION The important forest pests of Spain. 4660 FOREST INSECTS Biology and control of native and introduced forest insects in the Nearctic Zone.
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say. 4488 FERTILIZATION (PLANTS) Fertilization of semi-mature stands in Newfoundland. 4652 FERTILIZER APPLICATION Pruning produces perfect, pest-free peaches.	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 FOOD CONTAMINATION Bacteriostatic properties of milk from tropical	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION The important forest pests of Spain. 4660 FOREST INSECTS Biology and control of native and introduced forest insects in the Nearctic Zone. 4375 Wood-and-bark-feeding Coleoptera of felled
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say. 4488 FERTILIZATION (PLANTS) Fertilization of semi-mature stands in Newfoundland. 4652 FERTILIZER APPLICATION Pruning produces perfect, pest-free peaches. 4762	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 FOOD CONTAMINATION Bacteriostatic properties of milk from tropical countries.	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION The important forest pests of Spain. 4660 FOREST INSECTS Biology and control of native and introduced forest insects in the Nearctic Zone. 4375 Wood-and-bark-feeding Coleoptera of felled spruce in interior British Columbia.
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say. 4488 FERTILIZATION (PLANTS) Fertilization of semi-mature stands in Newfoundland. 4652 FERTILIZER APPLICATION Pruning produces perfect, pest-free peaches. 4762 FERTILIZERS	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 FOOD CONTAMINATION Bacteriostatic properties of milk from tropical countries.	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION The important forest pests of Spain. 4660 FOREST INSECTS Biology and control of native and introduced forest insects in the Nearctic Zone. 4375 Wood-and-bark-feeding Coleoptera of felled spruce in interior British Columbia. 4425
and fenthion on fish. 4885 FERMENTATION A new culture method for Rhynchosciara. 4563 FERTILITY The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say. 4488 FERTILIZATION (PLANTS) Fertilization of semi-mature stands in Newfoundland. 4652 FERTILIZER APPLICATION Pruning produces perfect, pest-free peaches. 4762	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes). 4918 FOOD Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597 Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States. 4880 FOOD ANALYSIS The determination of the amount of diazinon residues in foodstuff by means of labeled diazinon. (Summary). 4877 FOOD CONTAMINATION Bacteriostatic properties of milk from tropical countries.	Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle. 4837 FOREST APPRAISAL Fertilization of semi-mature stands in Newfoundland. 4652 FOREST CONSERVATION The important forest pests of Spain. 4660 FOREST INSECTS Biology and control of native and introduced forest insects in the Nearctic Zone. 4375 Wood-and-bark-feeding Coleoptera of felled spruce in interior British Columbia.

4680

		(Entroy
First occurrence of balsam woolly aphid in the	FUMIGANTS	FUNGUS CULTURES
interior of British Columbia. 4441	The effects of soil sterilization procedures on the microbiological equilibrium of the soil.	Physiological studies on incitants of guava wilt Fusarium solani (Mart.) App. and Wr. emend
Sound production in the white-pine weevil, Pis-	4672	Snyder and Hansen and Macrophomina phaseoli (Maubl.) Ashby.
sodes strobi, and the northern pine weevil, P. approximatus.	Tests of nematocidal fumigants in the control of the nematodes of beets (Heterodera schachtii	(Maudi.) Ashby. 4688
4506	Schm. and Meloidogyne spp.).	Effect of mixed spore inocula of Botrytis ssp. on
A study of Phanerotoma toreutae, a parasite of the pine cone moth Laspeyresia toreuta.	4766 Fumigants and specific nematocides in the con-	lesion development in the leaves of bean (Vicia faba L.).
4745	trol of phytophagous nematodes.	4718
FORESTRY BUSINESS ECONOMICS Fertilization of semi-mature stands in Newfoun-	The machinery generally used for efficient	FUNGUS DISEASES (PLANTS) The important forest pests of Spain.
dland. 4652	sterilization and disinfestation of the soil.	4660
FORESTS	The pesticide review.	Plant protection in agriculture. 4670
Fertilization of semi-mature stands in Newfoun-	4952	Role of potash application in reducing black rust
dland. 4652	FUMIGATION Pesticide residues in cultivated mushrooms.	of wheat.
FORFICULA AURICULARIA	4891	Cryptogama diseases of the root system. Preven-
Further notes on the reproductive biology of the earwig Forficula auricularia L	FUNGI	tion and control.
FORMALDEHYDE 4510	Cytology and cytochemistry of the mycetone of Pseudococcus maritimus (Earhorn) (Homoptera	New fungicide promises effective and economi-
Effect of some disinfectants on the flacherie	Coccidae.	cal plant disease control. 4682
virus of the silkworm, Bombyx mori L. 4617	Preservative treatments and service life of fence	Co-operative spraying against banana pests.
Comparison of sulphur dioxide and formal-	posts in Puerto Rico.	4683 New fungicide for potato blight.
dehyde as bacteriostats in diffusion. Part II. 4913	Occurrence of antibacterial and antifungal ac-	4684
FORMAMIDE	tinomycetes in cultivated soils of West Bengal. 4667	Physiological studies on incitants of guava wilt
The action of formamide on turnip yellow mosaic virus: Obtaining artificial capsids.	Changes in fungi with age. iv. Role of coenzymes	Fusarium solani (Mart.) App. and Wr. emend Snyder and Hansen and Macrophomina phaseoli
4686	in the respiratory decreases in Rhizoctonia solani	(Maubl.) Ashby. 4688
FORMICIDAE Biology of the ant Formica sanguinea Latr.	and Sclerotium bataticola. 4669	Efficiency of some fungicides in the disinfection
(Hymenoptera, Formicidae) in the Tien Shan.	The effects of soil sterilization procedures on the	of the carnation roots.
4559	microbiological equilibrium of the soil. 4672	The resistance of Fx and IAN rubber clones to
Imported and indigenous natural enemies of citrus coccids and aphids in Cyprus, and an as-	Plant growth promoting metabolites of	leaf diseases in Brazil.
sessment of their potential value in integrated control programmes.	Sclerotinia sclerotiorum (II) The synthesis of sclerotinin B.	1967 field trials on control of coffee berry dis-
4763	4673	ease in Kenya. IV.
FORMOTHION The cicadelle Empoasca flavescens and the grill	How to prevent and remove mildew; home methods.	Black spot of apple.
of grapevines in the South-West of France.	4959	4700 Studies on Phylloctists blight of rice
FOXES	FUNGI DISSEMINATION Annual variation in persistence and transmission	Studies on Phyllosticta blight of rice. 4703
The reappearance of rabies in France. First case in a fox in Moselle.	of Hypomyces haematococcus (Berk. and Br.) Wr.	Annual variation in persistence and transmission of Hypomyces haematococcus (Berk. and Br.)
4793	4706	Wr.
FRACTIONATION Drosophila deoxyribonucleases. I Variation of	FUNGICIDES New fungicide promises effective and economi-	On the role of the phenol constituents in the
deoxyribonucleases in Drosophila melanogaster.	cal plant disease control.	course of infection of the cacaopods of
FRANKLINIELLA TRITICI	4682 New fungicide for potato blight.	Theobroma cacao L. by Phytophthora palmivora Butl
Thrips infesting the tips of asparagus spears.	4684	4709
FREUNDS ADJUVANT	Efficiency of some fungicides in the disinfection of the carnation roots.	Comandra blister rust of hard pines. 4711
Protective action of the encephalitogen and	4692	Contribution to the study of a parasitic complex
other basic proteins in experimental allergic encephalomyelitis.	1967 field trials on control of coffee berry disease in Kenya. IV.	which attaches itself to the exposed parts of cotton plants and causes their withering.
4808 EDMIT	4698	4712
FRUIT Industrial tests of the biological preparation En-	Disease control in nonbearing orchards. 4699	The law of host-parasite balance in the process of pathogenesis and its implications in ecology.
tobacterin-3 in the USSR.	Fusarium foot rot of kenaf (Hibiscus lannabinus	4714
Black spot of apple.	L.) in Iran.	Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the green-
DPA for scald control.	Disinfection and disinfestation of the soil.	house tomato.
4715	Proceedings of the international Congress on Plant Disease. Sanremo, 1-4 December 1966.	Effect of mixed spore inocula of Botrytis ssp. on
Drench your trees against San Jose scale. 4738	4725	lesion development in the leaves of bean (Vicia faba L.).
FRUIT CULTURE	Thiram thins Granny Smith apples. 4726	4718
Several measures used to combat fruit plant viruses.	Some observations concerning the maximum	Fusarium foot rot of kenaf (Hibiscus lannabinus L.) in Iran.
viruses. 4731	dosage ordinance.	4723
FRUIT SETTING Effect of gibberellic acid on the fruit-set, and	Imidazole: Fungitoxic derivatives.	Thiram thins Granny Smith apples. 4726
partheno-carpic development of fruit in Bhokri	4902	Chemical control of some important cereal plant
grapes. (Vitis vinifera L). 4919	The pesticide review. 4952	diseases in India.
FRUIT TREES	How to prevent and remove mildew; home	Fungus diseases of bermudagrass and overseeded
Disease control in nonbearing orchards.	methods.	coolseason grasses on golf greens.

Composition of the gut contents of third-instar Composition of the gut contents of tests larvae (Glossina morsitans Westwood).

4478

The accumulation of ferritin in the nuclei and

cytoplasm of certain mesenteron cells in old Homoptera Cercopidae.

Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains

Bacillus thuringiensis serotype U Berliner and

Intranuclear crystals in the midgut enithelium of

4816

GENOTYPES

curves.

Coreidae).

GEOMETRIDAE

Cold-sensitive mutations in Salmonella typhimu-

The influence of the genotype on the frequency

of radiationinduced aneuploidy in the oogenesis of Drosophila melanogaster. V. A tentative explanation of the differences in the dose-response

The occurrence of Theognis occidentalis in the Midwestern United States (Heteroptera:

First records of eye-frequenting moths from

4592

4736

rium which affect ribosome synthesis.

GASTROENTERITIS

serotype. III. Anduze.

Sudden death in feeder pigs.

GASTROINTESTINAL SYSTEM

FUNGUS PHYSIOLOGY

FUNGUS PHYSIOLOGY

FURAZOLIDONE

Rust infection protects beans against heat injury

Effect of gibberellic acid on the fruit-set, and

partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L).

Annual variation in persistence and transmission of Hypomyces haematococcus (Berk. and Br.)

Sensitiveness of E. coli isolated from the in-

testines of broilers in the terrain to chlortetra-

cyclin strentomycin and furazolidon in 1966

Black stem- the second stem disease of grains.

4795	a flea.	Ceylon. 4365
FUSARIUM	4589	
	Thermoresistant Clostridium perfringens of the	A new Somatina of the Congo. (Lepidoptera
Test on the use of Fusarium episphaeria f. cocco-	A type in poultry.	Geometridae).
phila (Desm.) Snyder and Hansen in the control of the California red scale, Aonidiella aurantii.	4807	4393
4483		Concerning the taxonomic clarification of Nar-
	Staphylococcal intoxication of young suckling	raga tessularia ilia Whli and some remarks about
New fungicide promises effective and economi-	whelps.	this genus. (Lepidoptera, geometridae).
cal plant disease control.	4840	4421
4682	Host-parasite relationship. 1. Studies on the	Annotated list of forest insects of British Colum-
Methyl bromide, Trizone and Telone PBC com-	productivity of sheep as affected by Haemoncho-	bia, XIV, Ennominae (Geometridae).
pared in the control of fusarium wilt of the green-	sis.	4433
house tomato.	4858	GIBBERELLA FUJIKUROI
4716	GASTROPODA	
Fusarium foot rot of kenaf (Hibiscus lannabinus	Notes on insect and gastropode damage to en-	Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri
L.) in Iran.	closed cotton plantations.	grapes. (Vitis vinifera L).
4723	4671	grapes. (vitis viiniera L).
	GELECHIOIDEA	
FUSARIUM OXYSPORUM	A revision of the Cosmopterigidae of American	GIBBERELLIC ACID
Co-operative spraying against banana pests.	north of Mexico, with a definition of the Mom-	Gibberellin delays ripening of tomatoes.
4683		4906
FUSARIUM ROSEUM	phidae and Walshiidae (Lepidoptera:	Trials with carbon dioxide, light and growth sub-
Efficiency of some fungicides in the disinfection	Gelechioidea).	stances on forest tree plants.
of the carnation roots.	100	4909
4692	GELS	Effect of foliar sprays of plant regulators (IAA
FUSARIUM SOLANI	Studies on the application of electrophoresis to	and GA) on the growth and yield of Knol Khol
Physiological studies on incitants of guava wilt	the isolation of RNA infective fractions from	(Brassica oleracea Linn. var. gongylodes).
	tobacco plants infected with the potato virus X.	4918
Fusarium solani (Mart.) App. and Wr. emend	I. Characterisation of RNA preparations from	
Snyder and Hansen and Macrophomina phaseoli	tobacco leaves, analysed by means of elec-	Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri
(Maubl.) Ashby.	trophoresis in coloured agar gels.	
4688	4710	grapes. (Vitis vinifera L).
GALL-MAKING INSECTS	GENES	
Biology of Gynaikothrips karnyi Bagnall, the	Changes of DNA replication behavior associated	Studies on the effect of growth regulators on pol-
marginal gall forming thrips of pepper.	with intragenic changes of the white region in	len germination and tube growth in shoe flower
4616	Drosophila melanogaster.	(Hibiscus Rosasinensis L.).
GALLERIA MELLONELLA	4627	4920
Evidence for important intercellular spaces in	Unstable multilunar modifying genes in the silk-	GIBBERELLINS
the hypodermis and paracrystalline formations in	worm, Bombyx mori. III.	Gibberellins as plant hormones.
the exuvial liquid of the larvae of Galleria mel-	4646	4904
lonella L. (Lepidoptera Pyralidae) during the		Synthesis of substances related to gibberellins.
formation of the cuticle.	Barriers to gene flow in natural populations of	Part XVIII. Total synthesis of (plus or minus)
4455	grasshoppers. I. The Black Canyon of the Gun-	gibberellins A A subscript 4, A subscript 9, and
	nison River and Arphia conspersa.	A subscript 10.
The nature of pathogenicity of Pseudomonas	4650	4935
aeruginosa for Galleria mellonella.	The inheritance of a new source of resistance to	GLANDS (ANIMALS)
	the potato virus Y in pepper (Capsicum annuum	Nymphal stage of Linguatula serrata found in
Insect pathogens and microbial control of insects	L.).	mesenteric lymph node of a bovine.
in stored products. I. Test with Bacillus thurin-	4713	4861
giensis Berliner against moths.	GENETICS	
4864	Wheat.	GLANDS (INSECTS)
Susceptibility of different stored-products moth	4691	Benzaldehyde: Defensive secretion of a harvester
larvae to Bacillus thuringiensis.	A new gene from Rubus occidentalis L. for re-	ant. 4460
4867	sistance to strains 1, 2 and 3 of the rubus aphid,	
GAMASID MITES	Amphorophora rubi Kalt.	Study of the tegumentary glands and their secre-
Ectoparasitic mites (Acarina: Parasitiformes)	4746	tory cycle in the larva of Tipula flavolineata
from small mammals from the Tarnasjo and Am-		Meig
marnas areas in Swedish Lapland.	Regulation of branched-chain amino acid	4579
4353	biosynthesis in Salmonella typhimurium: Isola-	GLANDS (PLANTS)
	tion of regulatory mutants.	Breeding work for the creation of glandless cot-
GAMMA GLOBULINS		ton varieties in chad.
Experiences about the tolerance and use of	Chromosome replication in Salmonella typhimu-	4654
Stagloban in the dog.	rium.	The relationship of some insects (Aphididae,
4836	4805	Largidae, Pentatomidae, Coccinellidae and
GASES	2-deoxyribose gene-enzyme complex in Sal-	Malachiidae) to the pearlhairs or glanduliform
Trials with carbon dioxide, light and growth sub-	monella typhimurium: Regulation of	emergences of Carica papaya L.
Otomore on toward to a last		4837

recombinant nonvirulent for the mouse.

2-deoxyribose gene-enzyme complex in Salmonella typhimurium: Regulation of phosphodeoxyribomutase.

Salmonella abony-Salmonella typhimurium

4818

4822

GLOSSINA MORSITANS

Composition of the gut contents of third-instar tsetse larvae (Glossina morsitans Westwood).

4909

4816

stances on forest tree plants.

Sudden death in feeder pigs.

GASTRIC ULCERS

HELMINTHOSPORIUM ORYZAE

A section of insect hormones on carbohydrine metabolas in insects. 4531 61X-CORENT Composition of the garden content of third-instance in the Coloration metabolas with the state of the caracteristic of the carbon of t			
Methyl broustie, Trizone and Talone PBC comparison of the gat centerate of third-instar texts larvae (Glossian morstains Westwood) 478 CONTROL of metabolism in the silkworm papel owary by the dispanse hormone. 459 GLYCOLYSIS GLYC	An action of insect hormones on carbohydrate metabolism in insects.	Research possibilities and the improvement of the carnation cultivated as a cut flower.	On the continuous or periodic production of broods in the Halictinae (Insecta, Hymenop-
Lexe in the silkworn by the silkworn between the silkworn by the silkworn between the	GLYCERIDES	Methyl bromide, Trizone and Telone PBC com-	4526
Courts of arctanbolism in the silkworm page any by the diagness hormone. 4588 61.YCOLYSIS Normonal effect on certain gly-colytic enzymes of rat mammary gland. 4831 Boron in plants: A biochemical role. 4912 61.YCOPROFENS Immunchemical characterization of sheep beam a glycorporten. 4938 60.JF COLURES COURSES OCOSYFOL Engoga disease of bermutagrase and overneeded coolscaon grasses on godf grean. 4939 61. GOSYFOL GOSYFOL GOSYFOL GOSYFOL GOSYFOL Governmental and action of insection of glandless cot- navaretics in clad. 4654 6464 6479 6467 6479 6487 6487 6487 6488 6488 6484 6484 6484	tsetsė larvae (Glossina morsitans Westwood). 4478	house tomato.	some nests of Evylaeus (Hym., Halictidae) at the cell region.
HALDCINES OUNSERONE A Lamburgh gland discusses of bernardagrass and overceded cookson grasses on golf green. OUNSERONE A Lamburgh gland discusses of bernardagrass and overceded cookson grasses on golf green. OUNSERONE A Lamburgh gland discusses of bernardagrass and overceded cookson grasses on golf green. OUNSERONE A Lamburgh gland discusses of bernardagrass and overceded cookson grasses on golf green. OUNSERONE A Lamburgh gland discusses of bernardagrass and overceded cookson grasses on golf green. OUNSERONE A Lamburgh gland discusses of bernardagrass and overceded cookson grasses on golf green. OUNSERONE A Lamburgh gland discusses of bernardagras and overceded cookson grasses on golf green. A pessimism over crop discusses. OF CHANGE A CANAS Appeals of virus multiplication and average rate of graining for the granting of th	Control of metabolism in the silkworm pupal ovary by the diapause hormone.	4905	On the production of males in the social Halictinae (Insecta, Hymenoptera).
Boron in plants: A biochemical role. 4912 CIVEOPROTENS Immunochemical characterization of sheep plansa glycoprotein. 4938 GOLF COURSES COURSES	GLYCOLYSIS	Nutrition of the silkworm, Bombyx mori. XVI.	HALICTINAE
CIVCOPROTEINS Immunochemical characterization of sheep plasma glycoprotein. 4838 GOLF COURSES Suppus diseases of bermudagrass and overseeded cooksesson grasses on golf green. 4730 Boseding work for the creation of glandless cotton varieties in chair. 4634 GOSYPOL Boseding work for the creation of glandless cotton varieties in chair. 4634 GOVERNMENT AID Our struggle against pest. I. 1969-Pest Control's economic forceast. 4675 Experimental husbandry farm experience with behaviors of the companies of	rat mammary gland. 4831	4451	HALO BLIGHT
Immunochemical characterization of sheep plasma glycoprotein. 4838 GOLF COURSES Foughts diseased of bermudagrass and overseeded cookesay grasce on golf green. 4730 GOSSYPOL Breeding work for the creation of glandless cottons varieties in chad. 4654 GOVERNMENT AID Our struggle against pests. II. 4655 Experimental husbandry farm experience with therbricides and tillage systems for cereal growing. 4676 Experimental husbandry farm experience with therbricides and tillage systems for cereal growing. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some important exceral plant diseases in India. 4679 Chemical control of some i	4912	4492	blight in beans.
Fungus diseases of bermudagrass and overseeded cookeason grasses on golf greens. 4730 GOSSY POL. Breading work for the creation of glandless cotton varieties in chad. 4654 GOVERNAENT AID Our struggle against pests. II. 4872 1969-Pest Control's economic forecast. 4873 GRAIN Watch for the cereal leaf beetle. 4874 Pessimism over crop diseases. 4679 Chemical control of some important cereal plant in classes in India. 4727 Black stem- the second stem disease of grains. 4734 GRANULOSES Aspects of virtu multiplication and average recluplication time for a granulous virus of Effect of ionizing radiation on Dacus zonatus for granulous virus of the granulous virus of the physiological immunity in leaves of midnew susceptible grape varieties. 4746 GRAPE Fungus diseases of bermudagrass and overseeded cookeason grasses on golf greens. 4747 GRASES Watch for the cereal leaf beetle. 4757 GRAPE VINEYARDS GRAPE Composition of the opportunity of the virus of the granulous virus of the physiological studies of Antipodean Teleogryllus diseases of grains. 4758 GRAPE VINEYARDS Fungus diseases of Brains. 4768 GRAPE VINEYARDS GRAPE VINEYARDS Fungus diseases of the physiological immunity in leaves of middew susceptible grape varieties. 4768 4768 Agracts of virus multiplication and average reclupification time for a granulous virus of the physiological immunity in leaves of middew susceptible grape varieties. 4768 GRAPE VINEYARDS Fungus diseases of bermudagrass and overseeded cookeason grasses on golf greens. 4769 4770 GRAPES Watch for the cereal leaf beetle. 4761 4761 Agracts of province and prov	Immunochemical characterization of sheep plasma glycoprotein.	the silkworm, Bombyx mori L. 4518	Contribution to the systematics and zoogeog-
GOSSYPOL Breeding work for the creation of glandless cotton varieties in chad. 4654 GOVERNMENT AID Our struggle against pests. II. 1969-Pest Control's economic forecast. 4571 GRAIN Watch for the cereal leaf beetle. 4577 Experimental husbandry farm experience with herbicides and tilting systems for cereal growing. 4678 Pessimism over crop diseases. 4679 Chemical control of some important cereal plant diseases in India. 4727 Black stem- the second stem disease of grains. 4724 GRANULOSES Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeriaphera dimana (Councee). 4456 Electron microscope study of the virus of the granulosis of the fall webworm (Hyphantria curean Draham To Economics for the special simulation of Zeriaphera dimana (Councee). 4456 CRAPES VINEYARDS The effect of prostocks con the transformation of Lectron place divelopment of the simulation of Agreement of the simulation of Lectron protects on the transformation of Lectron protects on the transformation of Lectron protects of the physiological immunities of the	GOLF COURSES	metabolism in insects.	4410
Breeding work for the creation of glandless cotton varieties in chad. 4654 GOVERNMENT AID Our struggle against pests. II. 4872 1969-Pest Control's economic forecast. 4951 GRAIN Watch for the cereal leaf beetle. 4557 Experimental husbandry farm experience with herbicides and tillage systems for cereal growing. 4679 Chemical control of some important cereal plant diseases in India. 4727 Black stem- the second stem disease of grains. 4727 Black stem- the second stem disease of grains. 4727 Black stem- the second stem disease of grains. 4727 CRAINILOSES ARAPICS of virus multiplication and average reduplication time for a granulosis virus of Zeriarphera dinainan (Guence). 4455 Electron microscope study of the virus of the granulosis of the fall webworn (Hyphantria curea Drury). 4613 GRAPE NINEYARDS The effect of footstocks on the transformation of some factors of the physiological immunity in larves of mildew-susceptible grape varieties. 4761 GRAPE NINEYARDS The effect of rootstocks on the transformation of some factors of the physiological immunity in larves of mildew-susceptible grape varieties. 4761 GRAPE NINEYARDS The effect of rootstocks on the transformation of some factors of the physiological immunity in larves of mildew-susceptible grape varieties. 4761 GRAPE NINEYARDS The effect of rootstocks on the transformation of some factors of the physiological immunity in larves of mildew-susceptible grape varieties. 4761 GRAPE NINEYARDS The effect of rootstocks on the transformation of some factors of the physiological immunity in larves of mildew-susceptible grape varieties. 4762 GRAPES Watch for the cereal leaf beetle. 4763 GRAPE NINEYARDS The effect of footstocks on the transformation of some factors of the physiological immunity in larves of mildew-susceptible grape varieties. 4764 GRAPE NINEYARDS The effect of rootstocks on the transformation of some factors of the physiological immunity in larves of mildew-susceptible grape varieties. 4761 GRAPE NINEYARDS The effect of footstocks on the	coolseason grasses on golf greens.	Effect of melatonin on egg production of the boll weevil, Anthonomus grandis.	The presence of particles with the appearance of nucleocapsids associated with mitochrondrites in
GOVERNMENT AID Our struggle against pests. II. 969-Pest Control's economic forecast. 4951 GRAIN Watch for the cereal leaf beetle. 4557 Experimental husbandry farm experience with herbicides and tillage systems for cereal growing herbicides and tillage systems for cereal growing and the action of chick cells. 4878 Pessimism over crop diseases. 4679 Chemical control of some important cereal plant diseases in India. 4727 Black stem- the second stem disease of grains reduplication time for a granulosis virus of December of Action of Lord and the full of the granulosis of the fall webworm (Hyphantria cunea Drury). 4613 GRAPE VINEY ARDS The cicadelle Empoase flavescens and the grill of grape-vines in the South-West of France. 4761 GRAPES The effect of rootstocks on the transformation of some factors of the phissiological immunity in leaves of mildew-susceptible grape varieties. 4761 GRAPES GRASES Watch for the cereal leaf beetle. 4768 Figure since such as the grill of grape-vines in the South-West of France. 4769 Conversion of the control of some important cereal plant diseases of promision for the phission to the standard part of the phission of the phissio	Breeding work for the creation of glandless cot-	Changes in fungi with age. iv. Role of coenzymes	4812
Jose-Pest Control's economic forecast. 4951 GRAIN Watch for the cereal leaf beetle. 4557 Experimental husbandry farm experience with herbicides and tillage systems for cereal growing herbicides and tillage systems and their hybrids (Orthoptera: Gryllidae). 4678 Chemical control of some important cereal plant diseases in India. 4727 Black stem- the second stem disease of grains. 4728 Appects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera dinana (Guence). 4656 Electron microscope study of the virus of the granulosis of the fall webworm (Hybhantria cuner Drury). 4613 GRAPE VINEYARDS The cicacelle Empoasea flavescens and the grill of grapevines in the South-West of France. 4613 GRAPES The effect of rootstocks on the transformation of some factors of the physiological immunity in leaves of midew-susceptible grape varieties. 4613 Fine effect of forotstocks on the transformation of some factors of the physiological immunity in leaves of midew-susceptible grape varieties. 4614 GRAPES Fine effect of forotstocks on the transformation of some factors of the physiological immunity in leaves of midew-susceptible grape varieties. 4615 Fine effect of forotstocks on the transformation of some factors of the physiological immunity in leaves of midew-susceptible grape varieties. 4616 GRAPES Fine effect of forotstocks on the transformation of some factors of the physiological immunity in leaves of midew-susceptible grape varieties. 4618 GRAPES Fine effect of forotstocks on the transformation of some factors of the physiological immunity in leaves of midew-susceptible grape varieties. 4619 GRAPES Fine effect of forotstocks on the transformation of some facto	GOVERNMENT AID	and Sclerotium bataticola.	inactivated Sendai virus on its transmission to
GRAIN Watch for the cereal leaf beetle. 457 Experimental husbandry farm experience with herbicides and tillage systems for cereal growing herbicides and their hybrids (Orthoptera: Gryllage) history of the process an	4872	yields.	4848 Experimental infection of laboratory animals
Experimental husbandry farm experience with herbicides and tiliage systems for cereal growth. After the productivity of sheep as affected by Harmonchos in the Colusary of the Barriers to granes. After the Colusary of granes. (Vitis vinifera L.). Again of granes of granes of granes. (Vitis vinifera L.). Again of granes of granes. (Vitis vinifera L.). Again of granes of granes of granes. (Vitis vinifera L.). Again of granes of granes of granes. (Vitis vinifera L.). Again of granes of grane	GRAIN	Gibberellin delays ripening of tomatoes.	4855
herbicides and tillage systems for cereal growing. Hospital Control of some important cereal plant diseases in India. Heart Diseases 4679 Chemical control of some important cereal plant diseases in India. 4727 Black stem- the second stem disease of grains. 4734 GRANULOSES Aspects of virus multiplication and average reduplication time for a granulosis virus of Zetraphera diniana (Guence). 4566 Electron microscope study of the virus of the granulosis of the fall webworm (Hyphantria cunea Drury). 4613 GRAPE VINEYARDS The cicadelle Empoaces flavescens and the grill of grapevines in the South-West of France. 4761 GRAPES The effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis winifera L.). 4919 GRASSES Watch for the cereal leaf beetle. 4557 Fungus diseases of bermudagrass and overseeded coobseason grasses on golf greens. 4780 GRASSES Watch for the cereal leaf beetle. 4577 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4915 GRASSES GRASSOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphita conspersa.	4557	Cytological studies of Antipodean Teleogryllus	Pesticide handbook - entoma - 1968.
Chemical control of some important cereal plant diseases in India. 4727 Black stem- the second stem disease of grains. 4734 GRANULOSES Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera diniana (Guence). 4456 Electron microscope study of the virus of the granulosis of the fall webworm (Hyphantria cunea Drury). 4613 GRAPE VINEYARDS The cicadelle Empoasea flavescens and the grill of grapevines in the South-West of France. 4761 GRAPES The ffect of rootstocks on the transformation of some factors of the physiological immunity in leaves of mildiew-susceptible grape varieties. 4717 Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitix mifera L.). 4718 GRASSES Watch for the cereal leaf beetle. 4729 GRASSES Watch for the cereal leaf beetle. 4730 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4734 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunsion Productivity of sheep as affected by Haemonchorsins of Early and Arphia conspersa.	herbicides and tillage systems for cereal growing. 4678	lidae).	Circadian clock action spectrum in a
diseases in India. 4727 Black stem: the second stem disease of grains. 4734 GRANULOSES Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera dimiana (Guenee). 4456 Electron microscope study of the virus of the granulosis of the fall webworm (Hyphamtria cunea Drury). 4613 GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France. 4761 GRAPES GRAPES GRAPES GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France. 4761 GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France. 4761 GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grape vireibe in the South-West of France. 4761 GRAPES GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grape vireibe in the South-West of France. 4761 GRAPE VINEYARDS The citadelle Empoasca flavescens and the grill of grape vireibe grape variethes and partheno-carpic development of fruit in Bhotri grapes. (Vitix unifera L). 4772 Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhotri grapes. (Vitix unifera L). 4775 Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4773 GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grape vireibe grape variethes and partheno-carpic development of fruit in Bhotri grapes. (Vitix unifera L). 478 GRAPE VINEYARDS GRASSES Watch for the cereal leaf beetle. 4557 Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4730 GRAPE VINEYARDS Ffect of indust.) Asbaba 4808 GVNAIKOTHRIPS KARNYI Biology of OynaikOthrips karnyi Bagnall, the marginal gall forming thrips of pepper. 4605 HABITATS Rancho Grande (Venezuela). 2. Microhabitat of. 4505 Biological observations on some sandflies (Philebotomus) of Rancho Grande (Venezuela). 500 Specification on Dacus zontatic and through with resamination of the encephalit	4679		
Black stem-the second stem disease of grains. 4734 GRANULOSES Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera diniana (Guenee). 4456 Electron microscope study of the virus of the granulosis of the fall webworm (Hyphantria cunea Drury). 4613 GRAPE VINEYARDS The cicadle Emposace flavescens and the grill of grapevines in the South-West of France. 4761 GRAPE VINEYARDS The effect of rootstocks on the transformation of some factors of the physiological immunity in leaves of mildew-susceptible grape varieties. 4767 Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L). 4919 GRASES Watch for the cereal leaf beetle. 4567 Fungus diseases of bermudagrass and overseeded cookseason grasses on golf greens. 4770 Effect of Spartin under dryland farming on Settrai tailca (Beauv.). 4915 GRASHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa.	diseases in India.	4404	4816
Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera diniana (Guenee). 4456 Electron microscope study of the virus of the granulosis of the fall webworm (Hyphantria cunea Drury). 4613 GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France. 4761 GRAPES The effect of rootstocks on the transformation of some factors of the physiological immunity in leaves of mildew-susceptible grape varieties. 4177 Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L). 4919 GRASSES Watch for the cereal leaf beetle. 4357 Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4770 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4915 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa. 4858 HAEMONCHUS CONTORTUS Host-parasite relationship. I. Studies on the productivity of sheep as affected by Haemonchosis. 4808 GVNAIKOTHRIPS KARNYI Biological observations on some sandther marginal gall forming thrips of pepper. 4807 HEAT TREATMENT Effect of high temperatures on the resistance of insects to infectious diseases. 4808 GYNAIKOTHRIPS KARNYI Biology of Gynaikothrips karnyi Bagnall, the marginal gall forming thrips of pepper. 4808 HELICONIUS ERATO Single unit activity in the visual pathway of the butterfly Heliconius erato. 4914 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELMINTHAISIS Outline of Syrian parasitology. 4879 Obligatory and additional hosts of helminths. 4889 HELMINTHOSPORIUM Fairway disease control. 4879 Obligatory and additional hosts of helminths. 4889 HELMINTHOSPORIUM ORYZAE HELMINTHOSPORIUM ORYZAE HELMINTHOSPORIUM ORYZAE HELMINTHOSPORIUM or Heat-ory disease in the pig. II. 4879 Obligatory and odd dictionation of condidation of hel		Effect of ionizing radiation on Dacus zonatus	Rust infection protects beans against heat injury.
Electron microscope study of the virus of the granulosis of the fall webworm (Hyphantria cunea Drury). 4613 GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France. 4761 GRAPES The effect of rootstocks on the transformation of some factors of the physiological immunity in leaves of mildew-susceptible grape varieties. 4717 Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L). 4786 GRASES Watch for the cereal leaf beetle. 4790 GRASSES Watch for the cereal leaf beetle. 4700 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4717 GRASHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa. 4718 A618 GUINEA PIGS Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis. 4808 GYNAIKOTHRIPS KARNYI Biology of Gynaikothrips karnyi Bagnall, the marginal gall forming thrips of pepper. 4605 HABITATS Rancho Grande (Venezuela). 2. Microhabitats of. 4557 Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4720 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4730 Effect of spartin under dryland farming on Setaria italica (Beauv.). 4730 Effect of pobstevations on some sandflies (Phiebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi Ortiz, 1959 and P. vexillarius Fairchild Heritig, 1952. 4750 HELICOTIEN MILICONIUS ENATO Single unit activity in the visual pathway of the butterfly Heliconius erato. 4605 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELMINTHOSS 4610 HELMINTHOSS Obligatory and additional hosts of helminths. 4790 Obligatory and additional hosts of helminths. 4790 Digital of the microstic price of proper. 4605 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELMINTHOSPORIUM Fairway disease c	Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera diniana (Guenee).	4505 Physiological studies on incitants of guava wilt Fusarium solani (Mart.) App. and Wr. emend	fect of RNA and protein synthesis inhibitors. 4907
GRAPE VINEYARDS The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France. 4761 GRAPES The effect of rootstocks on the transformation of some factors of the physiological immunity in leaves of mildew-susceptible grape varieties. 4717 Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L). 4919 GRASSES Watch for the cereal leaf beetle. 4557 Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4730 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4915 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnisson River and Arphia conspersa. 4618 Protective action of the encephalitogen and other basic proteins in experimental allergic encephalomyelitis. 4808 GYNAIKOTHRIPS KARNYI Biology of Gynaikothrips karnyi Bagnall, the marginal gall forming thrips of pepper. 4616 HABITATS Rancho Grande (Venezuela). 2. Microhabitats of. 4595 Biological observations on some sandflies (Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi Ortiz, 1959 and P. vexillarius Fairchild Heritig, 1952. 4596 HAEMONCHOSIS HELICONIUS ERATO Single unit activity in the visual pathway of the butterfly Heliconius erato. 4605 HELICOPTERS Aircraft operations in the Colusa project. 4944 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELMINTHAISIS Outline of Syrian parasitology. 4790 Obligatory and additional hosts of helminths. 4859 HELMINTHAISIS Outline of Syrian parasitology. 4790 Obligatory and additional hosts of helminths. 4610 HELICOPTERS Aircraft operations in the Colusa project. 4944 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELMINTHAISIO Single unit activity in the visual pathway of the butterfly Heliconius erato. 4005 Nematodes attack bananas. 4790 Obligatory and additional hosts of helminths. 48	Electron microscope study of the virus of the	(Maubl.) Ashby. 4688	based on Bacillus thuringiensis Berliner. 4924
The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France. 4761 GRAPES The effect of rootstocks on the transformation of some factors of the physiological immunity in leaves of mildew-susceptible grape varieties. 4717 Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L). 4919 GRASSES Watch for the cereal leaf beetle. 4557 Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4730 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4915 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. 4761 GRAPES GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. 4761 GRASHOPPERS Barriers to gene flow in natural populations of grasshoppers. 4761 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. 4761 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. 4761 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. 4762 HABITATS Rancho Grande (Venezuela). 2. Microhabitats of the marginal gall forming thrips of pepper. 4616 HABITATS Rancho Grande (Venezuela). 2. Microhabitats of the marginal gall forming thrips of pepper. 4616 HABITATS Rancho Grande (Venezuela). 2. Microhabitats of the marginal gall forming thrips of pepper. 4557 Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4770 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELMINTHASIS Obligatory and additional hosts of helminths. 4859 HELMINTHOSPORIUM Fairway disease control. 4674 HELMINTHOSPORIUM ORYZAE Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its taxonomy.	cunea Drury). 4613	Protective action of the encephalitogen and	Effect of high temperatures on the resistance of
GRAPES The effect of rootstocks on the transformation of some factors of the physiological immunity in leaves of mildew-susceptible grape varieties. Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L). GRASSES Watch for the cereal leaf beetle. Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. Effect of Spartin under dryland farming on Setaria italica (Beauv.). GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunision River and Arphia conspersa. Biology of Gynaikothrips karnyi Bagnall, the marginal gall forming thrips of pepper. 4616 HABITATS Rancho Grande (Venezuela). 2. Microhabitats of. 4595 Biological observations on some sandflies (Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi Orizi, 1959 and P. vexillarius Fairchild Heritig, 1952. 4790 HAEMONCHOSIS HAEMONCHUS CONTORTUS HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4700 HELMINTHIASIS Obligatory and additional hosts of helminths. 4798 Obligatory and additional hosts of helminths. 4859 HELMINTHOSPORIUM Fairway disease control. 4616 HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELMINTHIASIS Obligatory and additional hosts of helminths. 4790 HELMINTHOSPORIUM Fairway disease control. 4674 HELMINTHOSPORIUM ORYZAE Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its its axonomy.	The cicadelle Empoasca flavescens and the grill	cephalomyelitis. 4808	HELICONIUS ERATO
some factors of the physiological immunity in leaves of mildew-susceptible grape varieties. 4717 Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L). 4919 GRASSES Watch for the cereal leaf beetle. 4557 Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4768 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4915 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa. 4717 HABITATS Rancho Grande (Venezuela). 2. Microhabitats of. 4595 MetLICOTYLENCHUS MULTICINCTUS Nematodes attack bananas. 4768 HELMINTHASIS Outline of Syrian parasitology. 4790 Respiratory disease in the pig. II. 4798 Obligatory and additional hosts of helminths. 4859 HELMINTHOSPORIUM Fairway disease control. 4798 Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its taxonomy.	GRAPES	Biology of Gynaikothrips karnyi Bagnall, the	butterfly Heliconius erato.
Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L). GRASSES Watch for the cereal leaf beetle. Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. Effect of Spartin under dryland farming on Setaria italica (Beauv.). GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunision River and Arphia conspersa. A919 Of. 4919 GRASSES Biological observations on some sandflies (Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi Ortiz, 1959 and P. vexillarius Fairchild Heritig, 1952. 4790 HELMINTHIASIS Outline of Syrian parasitology. Outline of Syrian parasitology. A790 HELMINTHOSPORIUM Fairway disease control. Full MINTHOSPORIUM Fairway disease control. HELMINTHOSPORIUM ORYZAE Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its taxonomy.	some factors of the physiological immunity in leaves of mildew-susceptible grape varieties.	HABITATS	Aircraft operations in the Colusa project.
GRASSES Watch for the cereal leaf beetle. Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. Effect of Spartin under dryland farming on Setaria italica (Beauv.). GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunision River and Arphia conspersa. 4919 (Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi Ortiz, 1959 and P. vexillarius Fairchild Heritig, 1952. 4790 4790 4790 4798 4798 4798 4798 4798 4798 4798 4798 4798 4859 4859 4858 4858 4858 4858 4674 4859 4674 4859 4674 4858 4674 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4674 4858 4858 4674 4858 4674	Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri	of. 4595	HELICOTYLENCHUS MULTICINCTUS Nematodes attack bananas.
Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens. 4730 Effect of Spartin under dryland farming on Setaria italica (Beauv.). 4915 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunison River and Arphia conspersa. 4557 HAEMONCHOSIS Host-parasite relationship. 1. Studies on the productivity of sheep as affected by Haemonchosis. 4858 HAEMONCHUS CONTORTUS Host-parasite relationship. 1. Studies on the productivity of sheep as affected by Haemonchosis. 4674 HELMINTHOSPORIUM ORYZAE Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its taxonomy.	GRASSES 4919	(Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi	HELMINTHIASIS Outline of Syrian parasitology.
HAEMONCHOSIS GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa. HAEMONCHOSIS Host-parasite relationship. 1. Studies on the productivity of sheep as affected by Haemonchosis. 4859 HAEMONCHOSIS Host-parasite relationship. 1. Studies on the productivity of sheep as affected by Haemonchosis. 4858 HELMINTHOSPORIUM Fairway disease control. HELMINTHOSPORIUM ORYZAE Morphology and additional hosts of helminths. 4859 HELMINTHOSPORIUM ORYZAE Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its taxonomy.	4557	1952.	Respiratory disease in the pig. II.
Setaria italica (Beauv.). 4915 GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa. HAEMONCHUS CONTORTUS Host-parasite relationship. 1. Studies on the productivity of sheep as affected by Haemonchosis. HELMINTHOSPORIUM ORYZAE Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its taxonomy.	coolseason grasses on golf greens.	HAEMONCHOSIS Host-parasite relationship. 1. Studies on the	Obligatory and additional hosts of helminths.
GRASSHOPPERS Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa. HAEMONCHUS CONTORTUS Host-parasite relationship. 1. Studies on the productivity of sheep as affected by Haemonchosis. HELMINTHOSPORIUM ORYZAE Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its taxonomy.	Setaria italica (Beauv.).	sis.	Fairway disease control.
grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa. productivity of sheep as affected by Haemoncho- sis. of Helminthosporium oryzae in relation to its taxonomy.	GRASSHOPPERS	HAEMONCHUS CONTORTUS	HELMINTHOSPORIUM ORYZAE
4050	grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa.	productivity of sheep as affected by Haemoncho-	of Helminthosporium oryzae in relation to its

4657

HELODIDAE

HELODIDAE	Comparison of various methods for the deter-	HEXANE
New Palearctic species of the genus Cyphon	mination of the herbicidal action of herbicide	Attractant and f
Payk. IV. Studies on the Helodidae family. IX.	preparations against annual weeds in sugarbeets	suckworm larvae shucks.
HEMAGGLUTINATION	and potatoes. In: Collection of reports given at	Silucks.
Research on the oncogenic constituents of three	the International Herbicide Conference, Prague, June 21-24, 1966.	Variation of Flori
zones of hemagglutinating activity, obtained by	4774	measuring adsorb
centrifugation of polyoma virus purified in densi-	Response of mixed crop of wheat and rape to	dardizing Florisil
ty gradients with cesium chloride.	three chlorophenoxy herbicides.	
4806	4777	HIBERNATION
HEMEROBIIDAE	Finesse in weed control.	Investigations of f
A new Wesmaelius from central Asia (Neurop-	4778	the bark of app
tera, Hemerobiidae).	Weed control studies in strawberries.	Arachnida.
1121	4779	The
HEMEROCAMPA LEUCOSTIGMA		The occurrence of Midwestern Un
The problem of viral latency in insect tissue cultures.	Studies of phytotoxicity in the use of herbicides for controlling annual weeds in almond orchards.	Coreidae).
4484	4780	00101440).
HEMIPTERA	Weeds and their control.	HIBISCUS CANNA
Lopidea Uhler: New species and records from	4782	Fusarium foot rot
Mexico and southwestern United States with		L.) in Iran.
Mayamiris, related new genus from Mexico	Results of tests with a new corn cultivation	
(Hemiptera, Miridae).	technology, using a minimum of work effort and the effectiveness of new herbicides under the	HIBISCUS ROSA-S
4530	conditions prevailing in the Socialist Rumanian	Studies on the effe
Aradidae in the Bishop Museum, Honolulu	Republic. In: Collection of reports given at the	len germination a
(HemipteraHeteroptera). 4533	International Herbicide Conference, Prague,	(Hibiscus Rosasin
	June 21-24, 1966.	HIPPELATES COL
HEMOLYMPH	4783	Adult emergence
Ultrastructure of the hemocytes of Locusta migratoria (Orthoptera).	Collection of reports given at the International	parasitic Hymeno
4512	Herbicide Conference. Prague, Czechoslovakia,	and density.
Evidence, by cellulose acetate electrophoresis,	21-24 June 1966.	
of a vitellogenetic protein in the hemolymph of	4784	HISTOCHEMISTRY
the female imago of the cabbage pierid (Pieris	Study of the selectivity of herbicides for sugar-	Histochemical dat
brassicae L.).	beets, using laboratory, greenhouse and	terminations in
4538	physiological methods. In: Collection of reports	(Lepidoptera, A prolixus Stal. (Her
Intraspecific qualitative and quantitative varia-	given at the International Herbicide Conference,	profixus Star. (Tier
tions of the hemolymph proteins of	Prague, June 21-24, 1966.	HISTOLOGY
Cophopodisma pyrenae (Fisch.), (Orthoptera,		Study of the corpu
Catantopidae) as a function of biogeographic area.	Pesticides in water, Pesticides in selected western streamsA contribution to the national	blow fly Callipho
4562	program.	tera, Calliphoridae
Physiological responses of insects to nicotine.	4870	
4623	Notice of filing of petition regarding pesticide	Protective action
HEPTACHLOR	chemical.	other basic protei
Termite control in rubber plantations.	4879	cephalomyelitis.
4521	Investigation of effects of large-scale applica-	C4
Some pests of ornamental plants in Madras.	tions of 2,4-D on aquatic fauna and water quali-	Staphylococcal in whelps.
4735	ty.	wifeips.
Pesticides in hatchery troutdifferences	4888	HISTOPATHOLOG
between species and residues levels occuring in	Extraction and cleanup procedure for the gas	Nymphal stage of
commercial fish food.	chromatographic determination of four	mesenteric lymph
4874	dinitrophenolic pecticides. 4942	
Problems in monitoring DDT and its metabolites		HOG CHOLERA V
in the environment.	The pesticide review.	Study of the multi
	4952	cle, of classic sw
HEPTACHLOR EPOXIDE Pesticides in hatchery troutdifferences	Part II proposed for paraquat.	nofluorescent med
Pesticides in hatchery troutdifferences between species and residues levels occuring in	4962	Caudian
commercial fish food.	The law and the use of pesticides.	Studies of serum
4874	4964	two strains of hog
An evaluation of the effects of the Aedes aegypti	HEREDITY ·	HOMOPTERA
eradication program on wildlife in South Florida.	Barriers to gene flow in natural populations of	On the presence
4884	grasshoppers. I. The Black Canyon of the Gun-	homopteran insect
Pesticides in people. Storage of DDT in the peo-	nison River and Arphia conspersa.	F 13. 4.1. 11.000
ple of Israel.	4650	HORMONES
4890	The inheritance of a new source of resistance to	Cardiac activity of
HERBICIDES	the potato virus Y in pepper (Capsicum annuum	and the influence
Experimental husbandry farm experience with	L.).	fection of an expe
herbicides and tillage systems for cereal growing. 4678	117	nary results.
	HETERODERA GLYCINES Domestic quarantine notices. Soybean cyst ne-	The manifest
Blackberry control near orchards and vegetable gardens.	matode. Quarantine and regulations.	The regulatory mesothoracic disc
gardens. 4770	matode. Quarantine and regulations.	(Diptera Trypetid

Studies on chemical weed control with fodder

Possibilities of limiting tillage measures in potato cultures when using herbicides. In: Collection of reports given at the International Herbicide Con-

Test results with patoran.

ference, Prague, June 21-24, 1966.

4771

4773

feeding responses of hickory to certain extracts of pecan

isil activity: Simple method for ent capacity and its use in stan-4934

auna overwintering in or under ble trees. Part II. Studies on

of Theognis occidentalis in the nited States (Heteroptera: 4592

BINUS

of kenaf (Hibiscus lannabinus

4723

INENSIS

ect of growth regulators on polnd tube growth in shoe flower ensis L.).

LUSOR

interval and reproduction in optera influenced by host size 4545

ta on the neurosecretory allata Antheraea pernyi Guer. ttacidae) and in Rhodnius miptera, Reduviidae). 4469

is allatum in living larvae of the ora erythrocephala Mg. (Dip-

4606

of the encephalitogen and ns in experimental allergic en-

toxication of young suckling

f Linguatula serrata found in node of a bovine.

4861

IRUS

plication, in a unique clone cyine fever virus in an immu-

4794

enzymes in swine infected by cholera virus.

4804

of a virus in the testicle of a 4555

of Locusta migratoria in vitro of the corpora cardiaca. Per-erimental method and prelimi-

capacity of the dorsal in Ceratitis capitata Wied dae).

Control of metabolism in the silkworm pupal ovary by the diapause hormone.

4508 An action of insect hormones on carbohydrate

metabolism in insects. Hormonal effect on certain glycolytic enzymes of

rat mammary gland.

4532

4831

Tests of nematocidal fumigants in the control of

the nematodes of beets (Heterodera schachtii

Fauna of the predator bugs (Hemiptera-Heteroptera) occurring on apple trees in the district of

HETERODERA SCHACHTII

HETEROPTERA

Schm. and Meloidogyne spp.).

HORSES	The Amprolium-Ethopabate combination. A	ICHNEUMONIDAE
Sideroleucocytes as a diagnostic aid in equine infectious anaemia.	new stage in the prevention of avian coccidiosis. 4720	New genera and species of chalcid flies (Hym., Chalcidoidea) and a new species of Foenatopus
4815	HYDROCYANIC ACID	Smith (Hym., Ichneumonidae, Stephanidae) from Hoggar.
HORTICULTURE The effect of rootstocks on the transformation of	Use of cherry-laurel foliage for preparation of an effective insect-killing jar.	4391
some factors of the physiological immunity in	4504	lchneumonidae (Hymenoptera) collected in paddy fields of the Orient, with descriptions of
leaves of mildew-susceptible grape varieties.	HYDROGEN-ION CONCENTRATION Crithidia mellificae n. sp. an acidophilic	new species. Part 2. Subfamilies Porizontinae,
The role of nematodes in horticulture.	trypanosomatid of the honey bee Apis mellifera.	Metopiinae and Diplazontinae. 4412
4767	4539	ILLUSTRATIONS
HOST INDEXING (PLANTS) Insect and mite control on nursery stock in Ohio.	Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains	lconography of the eggs of the Lepidoptera
4743	Bacillus thuringiensis serotype U Berliner and	fauna of Belgium. 4429
HOST PLANTS	serotype. III. Anduze.	IMIDAZOLE
Preliminary observations on the choice of host plants by adults of the citrus psylla, Trioza	Physiological responses of insects to nicotine.	Imidazole: Fungitoxic derivatives. 4902
erypreae (Del Guercio) (Homoptera: Psyllidae). 4749	4623	IMINES
HOST RECORDS	Effect of pH on the immunogenicity of Mycoplasma pneumoniae.	Imidazole: Fungitoxic derivatives. 4902
Form and mechanism of transmission of plant	4834	IMMOBILIZATION
viruses. Transmission of viruses by nematodes. 4729	Comparison of sulphur dioxide and formal- dehyde as bacteriostats in diffusion. Part II.	The immobilization reflex associated with tactile
HOST RELATIONSHIPS	4913	stimulation of the pronotum of normal larvae of Blaberus craniifer (Burm.) and ones having
The ecological importance of the predatory	HYDROPHILIDAE Evidence of a modified ovarian region in the hair	received implantations of the corpora allata.
behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons	glands of the Coleopteron, Hydrophilidae. Com-	IMMUNITY 4495
(Hom., Aphididae).	parative anatomic data. 4554	Ultrastructure of homogeneous bodies and cellu-
Form and mechanism of transmission of plant	HYDROXYPROLINE	lar bodies during the course of rickettsial infec- tions.
viruses. Transmission of viruses by nematodes.	Inoculation of Carica papaya L. with the ringspot	4813
Outline of Suries services as	distortion virus under various conditions. 4733	Association of increased recipient ability for R factors and reduced virulence among variants of
Outline of Syrian parasitology. 4790	HYMENOLEPIS DIMINUTA	Salmonella choleraesuis var. kunzendorf.
Obligatory and additional hosts of helminths.	The incidence and burden of Hymenolepis diminuta cysticerloids as a function of the age of	4819
4859	the intermediate host, Tribolium confusum.	The mode of formation of intracytoplasmic structures in tumors induced by viruses of the
HOST-PARASITE RELATIONS The incidence and burden of Hymenolepis	HYMENOLEPSIS 4524	avian sarcoma leucosis group. 4824
diminuta cysticerloids as a function of the age of	Evaluation of the anthelmintic activity of	Opsonins examination in the mouse after en-
the intermediate host, Tribolium confusum. 4524	thiabendazole in man. (abstract).	dotoxin-induced resistance to infection. 4833
The law of host-parasite balance in the process of	HYMENOPTERA	Immunochemical characterization of sheep
pathogenesis and its implications in ecology. 4714	Burmese Ichneumoninae V. 32. Genus Naenaria Cameron.	plasma glycoprotein.
HOUSING	4392	The role of interferon in the interference
1969-Pest Control's economic forecast.	Adult emergence interval and reproduction in	phenomenon between vaccinia virus and fixed
HUMAN DISEASES	parasitic Hymenoptera influenced by host size and density.	rabies virus.
Pest-management concepts and control of tick	4545	Some biochemical changes taking place in the
paralysis in British Columbia. 4849	Community studies on Hymenoptera found on Brassica napus. Part IV. Aculeata.	course of the transformation of streptomycin resistance in streptococci.
Evaluation of the anthelmintic activity of	4567	4932
thiabendazole in man. (abstract).	Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey.	IMMUNIZATION Protection against Rinderpest conferred to cattle
Pesticides in people. Storage of DDT in the peo-	4597	by an inactivated virus adapted to cattle cells.
ple of Israel.	HYPENINAE Zanclognatha tenuialis Rebel in France (in Al-	4835
HUMAN NUTRITION 4890	sace and L'Isere). (Lep. Noctuidae, Hypeninae).	Experiences about the tolerance and use of Stagloban in the dog.
Experiences with culture media for the selective	HYPERA 4376	4836
microbiological analysis of meatproducts. 4869	New species of Hypera (Coleoptera, Curcu-	IMMUNOCHEMISTRY Effect of pH on the immunogenicity of
HUMANS	lionidae) from the Crimean Mountains.	Mycoplasma pneumoniae. 4834
Search for new insecticides. 4893	HYPERA POSTICA	Isolation of a specific antigen of the large liver
HUMIDITY	The introduction, release, and recovery of parasites of the alfalfa weevil in Eastern United	fluke (Fasciola ĥepatica L.).
Rancho Grande (Venezuela). 2. Microhabitats	States.	4862 IMMUNOFLUORESCENCE
of. 4595	HYPHANTRIA CUNEA	Study of the multiplication, in a unique clone cy-
Unstable multilunar modifying genes in the silk-	Electron microscope study of the virus of the	cle, of classic swine fever virus in an immu- nofluorescent medium.
worm, Bombyx mori. III.	granulosis of the fall webworm (Hyphantria cunea Drury).	4794
How to prevent and remove mildew; home	4613	IMMUNOGENICITY Virulence, adsorbability, and antigenicity of
methods. 4959	HYPODERMA BOVIS	foot-and-mouth disease virus selected by adsorp-
HYDROCARBONS	The warble fly. 4568	tion with homogenized mouse kidney. 4802
Pesticides in soil. Monitoring for chlorinated	HYPODERMA LINEATUM	The physio-pathology of chicken caecal coc-
hydrocarbon pesticides in soil and root crops in the Eastern States in 1965.	The warble fly.	cidiosis: Experimental study of immunogenesis, action of specific antilymphocytic sera.
4886	HYPOMYCES	4809
HYDROCHLORIC ACID Effect of some disinfectants on the flacherie	Annual variation in persistence and transmission of Hypomyces haematococcus (Berk. and Br.)	Association of increased recipient ability for R factors and reduced virulence among variants of
virus of the silkworm, Bombyx mori L.	Wr.	Salmonella choleraesuis var. kunzendorf.

IMMUNOLOGY

I

Effect of pH on the immunogenicity Mycoplasma pneumoniae.	of INS
483	34 i1
MMUNOLOGY Quantitative studies on the neutralization rea- tion between African horse-sickness virus ar	
antiserum.	1 7
Pest-management concepts and control of tic paralysis in British Columbia.	v
VIVO The effects of pantothenic acid, pantoyltaurin	INS
salicylate and related compounds on the in viti and in vivo growth of Trypanosoma lewisi.	ro ti
RCLUSION-BODY RHINITIS VIRUS Respiratory disease in the pig. 11.	1
479 NDEXES Bibliography of biological control. VIII.	78 p
466 NDIA	51 P
Biology of Gynaikothrips karnyi Bagnall, the marginal gall forming thrips of pepper.	INS
NDOLEACETIC ACID Some experiments on polarity of IAA-2-C	S
transport in Helianthus annuus seedlings.	-
The effect of CCC and Amo-1618 on growt catalase, peroxidase and indoleacetic acid o idase activity of young barley seedlings.	h, r x-
490	
Effect of foliar sprays of plant regulators (lA and GA) on the growth and yield of Knol Kh (Brassica oleracea Linn. var. gongylodes).	ol I
Studies on the effect of growth regulators on polen germination and tube growth in shoe flow	ol- d
(Hibiscus Rosasinensis L.).	20 l:
NDUSTRIAL WASTES On the influence of effluent of the starch facto	ry F
upon the Yubetsu River and the Shokotsu rive and of effluent of the best factory upon the benthic animals in the Abashiri River (Ho	er, g
kaido).	
NDUSTRY Some factors affecting the choice of materials for chemical plant equipment.	or (
494	. (
Some problems of method and content in wor ing-up a forecast -demonstrated on the examp of the plant protection- and pesticide manufa	le '
turing industry.	
Our struggle against pests.	50 (
NFECTIOUS CANINE HEPATITIS Experiences about the tolerance and use Stagloban in the dog.	of C
VECTIOUS DISEASES	36 F
Effect of high temperatures on the resistance insects to infectious diseases.	of F
The problem of the potato blackleg disease.	a
Control of bovine tuberculosis and list of of	fi-
cially certified herds.]
NHIBITORS Effect of melatonin on egg production of the bo	ŗ
weevil, Anthonomus grandis.	

Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains

Bacillus thuringiensis serotype U Berliner and

4560

serotype. III. Anduze.

	,
of	INSECT ABNORMALITIES
34	Teratological effects on the nymphs and adults of insects, the larvae of which have ingested
-	sublethal doses of the thermostable toxin of
ic- nd	Bacillus thuringiensis Berliner. 4468
17	Transdetermination in cells.
ck	4637 Unstable multilunar modifying genes in the silk-
49	worm, Bombyx mori. III.
	INSECT ADAPTATION
ie, iro	The first discovery of free-living larvae of the ear tick, Otobius megnini (Duges), in British Colum-
39	bia.
	4424 The adaptability of Blastophagus piniperda L.
98	(Col. Scolytidae) to various Pinus and the
	preferences of this insect in regard to these forest species.
61	4476 Physiological responses of insects to nicotine.
he	4623
	INSECT ANATOMY Studies of black flies of Panama. III. Two new
16	species of Simulium of the subgenus Hemic-
14	netha.
03	Contribution to the systematics and zoogeog-
th, ox-	raphy of Halticinae (Col.) in the Canary Islands. 4410
	Aphids from the subtribe Schizolachnina (A-phidoidea, Lachninae) in Middle Europe.
08 \A	4420
nol	The identity of Sitophilus oryzae. 4462
18	Biology, ecology and distribution of Amara pseu-
ol- ⁄er	docommunis Burak. (Coleoptera, Carabidae).
20	Internal anatomy of the developmental stages of
20	the twospotted spider mite. 4520
er,	Remarks concerning the terminology of the
he k-	genitalia armor in the genus Argynnis (S.L.). (Lepidoptera, Nymphalidae).
	INSECT BEHAVIOR 4573
55	Aphidius smithi Sharma and Subba Rao
for	(Hymenoptera: Aphidiidae) a parasite of the pea aphid new in Southern Ontario.
47	4350 Choice of resting site by Noctuidae (Lepidop-
rk- ole	tera).
ac-	4352 Opsius stactogalus Fieb. (Hem., Cicadellidae) in
57	S. E. London.
60	Coenosia lineatipes Zett. (Dipt., Muscidae)
	preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae).
of	4448
36	Predatory behaviour of a Dolichopodid and an Ephydrid (Dipt.).
of	4449
07	Research on the odoriferous constituents of the terpenic fumes of various substances and their
97	action on Ips sexdentatus Boerner (Coleoptera, Scolytidae).
ffi-	4475
46	The adaptability of Blastophagus piniperda L. (Col. Scolytidae) to various Pinus and the

preferences of this insect in regard to these forest Bionomics of tur plume moth (Marasmarcha liophanes, Meyrick) on pigeon pea (Cajanns Infection structures from rust urediospores: Efcajan, Milisp). fect of RNA and protein synthesis inhibitors.

SUBJECT INDEX	
NSECT ABNORMALITIES Teratological effects on the nymphs and adults of	of
insects, the larvae of which have ingeste sublethal doses of the thermostable toxin of Bacillus thuringiensis Berliner.	d of
Transdetermination in cells.	
Unstable multilunar modifying genes in the silk worm, Bombyx mori. III.	۲-
MSECT ADAPTATION The first discovery of free-living larvae of the ea	ar
tick, Otobius megnini (Duges), in British Columbia.	
The adaptability of Blastophagus piniperda I (Col. Scolytidae) to various Pinus and th preferences of this insect in regard to these forespecies.	ıe
447 Physiological responses of insects to nicotine.	6
462 INSECT ANATOMY	3
Studies of black flies of Panama. III. Two nespecies of Simulium of the subgenus Hemionetha.	2-
Contribution to the systematics and zoogeography of Halticinae (Col.) in the Canary Islands. 441	g-
Aphids from the subtribe Schizolachnina (Aphidoidea, Lachninae) in Middle Europe.	۱-
The identity of Sitophilus oryzae.	2
Biology, ecology and distribution of Amara pseu docommunis Burak. (Coleoptera, Carabidae). 446	
Internal anatomy of the developmental stages of the twospotted spider mite. 452	of
Remarks concerning the terminology of the genitalia armor in the genus Argynnis (S.L., (Lepidoptera, Nymphalidae).	ie).
INSECT BEHAVIOR Aphidius smithi Sharma and Subba Ra	0
(Hymenoptera: Aphidiidae) a parasite of the pe aphid new in Southern Ontario. 435	0
Choice of resting site by Noctuidae (Lepidoptera).	
Opsius stactogalus Fieb. (Hem., Cicadellidae) i S. E. London.	

4637 ae of the ear ritish Colummicidae). piniperda L. us and the these forest 4623 4383 4410 4420 4462 Amara pseuntal stages of 4520 logy of the ynnis (S.L.). 4573 4350 4352 adellidae) in ring on Typhlocyba cruenta H. S. (Hem., adellidae). 4448 datory behaviour of a Dolichopodid and an earch on the odoriferous constituents of the enic fumes of various substances and their on on Ips sexdentatus Boerner (Coleoptera, adaptability of Blastophagus piniperda L.

4476

4477

behavior following the frequency of intermittent

proximatus.

monochromatic illumination. Attack activity of two species of gnats in southern California. The immobilization reflex associated with tactile stimulation of the pronotum of normal larvae of Blaberus craniifer (Burm.) and ones having Blaberus crannfer (Burni.) and control received implantations of the corpora allata.

4495 Food gathering behavior of the ant, Camponotus noveboracensis (Fitch) (Hymenoptera: For-Sound production in the white-pine weevil, Pissodes strobi, and the northern pine weevil, P. ap-Attractant and feeding responses of hickory suckworm larvae to certain extracts of pecan Inhibition of the oviposition behavior of the migrator locust (Locusta migratoria L.) caused by the salinity of the soil. Adult emergence interval and reproduction in parasitic Hymenoptera influenced by host size Contribution to the biological study of the Diptera Sarcophagidae, parasites of acridids. The biological cycle of Blaesoxipha rossica Vill., injection of larvae in the body of the host by the female Sarcophagidae. Observations on Cossus cossus L. (Cossidae) Watch for the cereal leaf beetle. Predatory activity of Luciola cruciata (Olivier, 1886) (Coleoptera: Lampyridae) larvae on newly hatched Biomphalaria glabrata. Mobility in Tribolium confusum. The ecological importance of the predatory behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons (Hom., Aphididae).

The occurrence of Theognis occidentalis in the Midwestern United States (Heteroptera: Biological observations on some sandflies

4547

4549

4557

4558

4565

(Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi Ortiz, 1959 and P. vexillarius Fairchild Heritig,

Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey.

Orientation of carrion beetles to carrion: Random or nonrandom.

Single unit activity in the visual pathway of the butterfly Heliconius erato.

Honey bee recruitment to food sources: Olfaction or language.

Response of some stored-product insects to Trogoderma granarium pheromones. 4625

Barriers to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gunnison River and Arphia conspersa. 4650

The role of nematodes in horticulture. 4767

The influence of the brood comb on food exchange between honeybee workers (Apis mel-

Study of the phototrophism of the Noctuidae

(Lepidoptera). Research on the variation of

INSECT BIOCHEMISTRY Amino acid requirements of the cotton stainer, Dysdercus fasciatus Signoret (Pyrrhocoridae,	Action of natural ionizing radiations on reproduction in the metazoa: Research on Drosophila melanogaster.	Pest-management concepts and control of tic paralysis in British Columbia.
Hemiptera). 4447 Benzaldehyde: Defensive secretion of a harvester	4581 Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prev.	An evaluation of the effects of the Aedes aegyp eradication program on wildlife in South Florida 488
ant. 4460	4597	INSECT CYTOLOGY
Composition of the gut contents of third-instar tsetse larvae (Glossina morsitans Westwood).	Observations on the morpho-biology of Pnigalio mediterraneus Ferr. and Del. (Hym. Eulophidae).	Evidence for important intercellular spaces in the hypodermis and paracrystalline formations in the exuvial liquid of the larvae of Galleria me lonella L. (Lepidoptera Pyralidae) during the
Isolation and a study of the mode of action of a polygalacturonase in insects (Pyrrhocoris apterus).	Biology of Gynaikothrips karnyi Bagnall, the marginal gall forming thrips of pepper. 4616	formation of the cuticle. 445 Mitotic activity of the first embryonic stages i
The accumulation of ferritin in the nuclei and	Spider mites on cotton; how to control them. 4737	the potato beetle Leptinotarsa decemlineata Sa (Coleoptera, Chrysomelidae).
cytoplasm of certain mesenteron cells in old Homoptera Cercopidae. 4500 The presence of volatile fatty acids in the gut of a	The biology and control of Archips occidentalis (Wals.) and Tortrix dinota Meyr. (Lepidoptera: Tortricidae) on coffee in Kenya.	The accumulation of ferritin in the nuclei an cytoplasm of certain mesenteron cells in ol Homoptera Cercopidae.
higher termite (Microcerotermes edentatus Was., Amitermitinae).	The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France.	Ultrastructure of the hemocytes of Locust
Evidence, by cellulose acetate electrophoresis,	4761 INSECT BREEDING	migratoria (Orthoptera). 451
of a vitellogenetic protein in the hemolymph of the female imago of the cabbage pierid (Pieris brassicae L.).	Attack activity of two species of gnats in southern California. 4490	Cytology and cytochemistry of the mycetone of Pseudococcus maritimus (Earhorn) (Homopter Coccidae.
Cytology and cytochemistry of the mycetone of Pseudococcus maritimus (Earhorn) (Homoptera Coccidae.	Response of some stored-product insects to Trogoderma granarium pheromones.	455 New observations on the transport of ir transcelar microorganisms, called Phi particles
4550	Transdetermination in cells.	by the spermatozoids in homopterous insects. 455
Polyacrylamide gel electrophoretic analysis of the proteins of Locusta migratoria (L.) and the corresponding albino mutant. 4561	Cytological studies of Antipodean Teleogryllus species and their hybrids (Orthoptera: Gryllidae).	The progress of mitosis (orthomitosis) in the manner of endomitosis in the malpighian tubule of the locust (Locusta migratoria) (Insecta Orthoptera).
The presence of positive paraldehyde fuchsin granules in the pedicle of the ovary of Pyrilla perpusilla Walker (Insecta Homoptera Fulgoroidea).	Unstable multilunar modifying genes in the silk- worm, Bombyx mori. III.	457 Cellular degeneration in the production of som mutant phenotypes in Drosophila melanogaster.
4588	INSECT CAGES	INSECT DIAPAUSE 463
Changes of DNA replication behavior associated with intragenic changes of the white region in Drosophila melanogaster. 4627	Choice of resting site by Noctuidae (Lepidoptera).	The influence of external factors on the articipated elimination of the diapause of Psyll pyri (Homoptera: Psyllidae).
Search for new insecticides.	Notes on insect and gastropode damage to enclosed cotton plantations.	INSECT DIETS 460
INSECT BIOLOGY	Mosquito pollination of Habenaria obtusata	Amino acid requirements of the cotton stained Dysdercus fasciatus Signoret (Pyrrhocoridae
Aphidius smithi Sharma and Subba Rao (Hymenoptera: Aphidiidae) a parasite of the pea aphid new in Southern Ontario.	(Orchidaceae). 4675 INSECT COLLECTING EQUIPMENT	Hemiptera). 444
Biology and control of native and introduced forest insects in the Nearctic Zone.	Lepidoptera collected in a light trap during the winter 1962/63 in Assiut, Egypt. 4413	Nutrition of the silkworm, Bombyx mori. XV Quantitative requirements for essential amin acids. 445
4375 A study of Neuquenaphis Blanchard, 1939, with descriptions of new species (Aphididae, Homop-	Attack activity of two species of gnats in southern California.	A semi-synthetic diet for Eri-silkworm raising. 449
tera). 4402	Notes on methods for the extraction of small soil arthropods by the high gradient apparatus.	The development of an artificial diet not contain ing leaf powder of any food plants for Eri-silk worm raising.
The egg-laying cycle in the Machiloidea (Insecta Thysanura).	4552 INSECT COLLECTION	449 Dietary choline requirements, phospholipids an
Biology, ecology and distribution of Amara pseudocommunis Burak. (Coleoptera, Carabidae).	The entomological year 1966.	development in Phormia regina. 451
4467	On a collection of termites from Daman. 4369	Nutrition of the silkworm, Bombyx mori. XVI Effect of dietary levels of amino acids on growt
Observations on the second generation of Carpocapsa in the Loire valley. 4496	INSECT CONTROL Biology and control of native and introduced	of fifth-instar larvae and on cocoon quality. 451
Adult emergence interval and reproduction in	forest insects in the Nearctic Zone. 4375	Nutritional requirements and artifical diets for the silkworm, Bombyx mori L.
parasitic Hymenoptera influenced by host size and density.	First occurrence of balsam woolly aphid in the interior of British Columbia.	451 Effect of melatonin on egg production of the bo
Contribution to the biological study of the Dip-	4441	weevil, Anthonomus grandis.
tera Sarcophagidae, parasites of acridids. The biological cycle of Blaesoxipha rossica Vill., in-	Are woodpeckers the answer to pine bark beetle attacks.	INSECT DISEASES
jection of larvae in the body of the host by the female Sarcophagidae.	Specificity in insecticides.	Aspects of virus multiplication and average reduplication time for a granulosis virus of
Watch for the cereal leaf beetle.	4507 Several measures used to combat fruit plant	Zeiraphera diniana (Guenee). 445
4557	viruses.	The use of viruses in biological control.

The biology and control of Archips occidentalis (Wals.) and Tortrix dinota Meyr. (Lepidoptera: Tortricidae) on coffee in Kenya.

Test on the use of Fusarium episphaeria f. coccophila (Desm.) Snyder and Hansen in the control of the California red scale, Aonidiella aurantii.
4483

4458

4568

Biology of the ant Formica sanguinea Latr. (Hymenoptera, Formicidae) in the Tien Shan.
4559

The warble fly.

INSECT DISSEMINATION

The problem of viral latency in insect tissue cultures.	A new Wesmaelius from central Asia (Neuroptera, Hemerobiidae).
4484	4434
Classification of the strains of Bacillus thuringiensis.	Biology, ecology and distribution of Amara pseudocommunis Burak. (Coleoptera, Carabidae).
4485	4467
The influence of the fungus Beauveria bassiana Vuill, on the fertility and the diapause of Lep-	A criterion of transformation for age-weight data on insect larval growth. 4481
tinotarsa decemlineata Say. 4488	The cryptonephridism of the larvae of Planipen-
Two strains of Bacillus thuringiensis Berliner iso- lated from larvae of disparate Bombyx Lyman-	nia and their variations in function with the ecology of the Insecta.
tria dispar.	4494
Experiments on the milky disease of the larva of	Further notes on the reproductive biology of the earwig Forficula auricularia L
Melolontha melolontha L.	4510
4515	Ecological and morphological study of robber
A preliminary study on the polyhedrosis virus of jute semilooper, Anomis sabulifera Guen. 4516	flies of the tribe Asilini (Diptera, Asilidae) with descriptions of new genera and species from Kazakhstan and Soviet Central Asia.
Susceptibility of irradiated insects to Bacillus	4548
thuringiensis infection.	The ecological importance of the predatory
4519	behavior of Aphelinus asychis Walker, Hym., Aphelinidae, an endoparasite of Purcerons
Results of experiments carried out in Hungary with Bacillus thuringiensis. 4525	(Hom., Aphididae).
	Community studies on Hymenoptera found on
Information on a natural bacterial epizootic disease on Ephestia kuhniella Zeller, caused by a bacillus of the type of Bacillus thuringiensis.	Brassica napus. Part IV. Aculeata. 4567
4537	The Plecoptera of a headwater stream (Gaitscale
Crithidia mellificae n. sp. an acidophilic	Gill, English Lake District). 4569
trypanosomatid of the honey bee Apis mellifera.	
4539	Rancho Grande (Venezuela). 2. Microhabitats of.
The nature of pathogenicity of Pseudomonas aeruginosa for Galleria mellonella.	4595
4551	A study of Phanerotoma toreutae, a parasite of
Trans-ovum transmission of insect viruses as a	the pine cone moth Laspeyresia toreuta. 4745
biological control.	INSECT EGGS
	Iconography of the eggs of the Lepidoptera
An epidemic of Entomophthora among syrphid flies of the region of Geneva.	fauna of Belgium.
4610	4429
Practical application of Bacillus thuringiensis.	Circadian clock action spectrum in a photoperiodic moth.
4612	4465
Electron microscope study of the virus of the granulosis of the fall webworm (Hyphantria	Biology, ecology and distribution of Amara pseu-
cunea Drury).	docommunis Burak. (Coleoptera, Carabidae). 4467
4613	
Virus multiplication.	Effect of ionizing radiation on Dacus zonatus fruit fly eggs and larvae in situ.
4614	4505
Effect of some disinfectants on the flacherie virus of the silkworm, Bombyx mori L.	Control of metabolism in the silkworm pupal
4617	ovary by the diapause hormone. 4508
Results of field experiments carried out in 1954	Some problems on developmental physiology in
and 1955 in switzerland concerning the microbi-	the silkworm egg.
al control of the larvae of Melolontha melolontha L.	4570
4622	Effect of melatonin on egg production of the boll
Study of the virus disease of Neodiprion swainei	weevil, Anthonomus grandis. 4571
Midd. and results of its aerial dispersion.	Experiment on the influence of Bacilluscereus
	var. Galleriae and of lindane on Sitotroga
Insect pathogens and microbial control of insects in stored products. I. Test with Bacillus thurin-	cerealella Oliv. and on Trichogramma cacoeciae
giensis Berliner against moths.	March. 4591
4864	Trans-ovum transmission of insect viruses as a
Search for new insecticides.	biological control.
4893	4600
NSECT DISSEMINATION Distribution and distributional centers of North	Experimental induction of androgenesis,
Atlantic insects.	gynogenesis, and polyploidy in Bombyx mori by treatment with CO2 gas.
4407	4647
NSECT ECOLOGY Bees of the Nevada Test Site.	A study of Phanerotoma toreutae, a parasite of
4355	the pine cone moth Laspeyresia toreuta.

op- 134 eu-	Co ter bio jec fer
ata 181 en- the	Int tio Co Ca are
194 the	Pa wi
510 ber	INSE Ul the
om 548 ory	Re fib
m., ons	INSE Ch lin
on	Or tin
567 ale 569 tats	Ev of the bra
595 e of	So the
745 era	Th ter ph
129 a	Ch wi Dr
165 eu-	A : Dr
167 itus	Dr de
pal	Or Bil an
508 / in	Ex co
570 ooll 571	Th Cu ple
eus oga iae	Dî mi
201	ter

intribution to the biological study of the Dipa Sarcophagidae, parasites of acridids. The ological cycle of Blaesoxipha rossica Vill., intion of larvae in the body of the host by the nale Sarcophagidae. raspecific qualitative and quantitative variaons of the hemolymph proteins of ophopodisma pyrenae (Fisch.), (Orthoptera, tantopidae) as a function of biogeographic tterns and pathways of chromosome evolution thin the Orthoptera. CT FLIGHT trastructural peculiarities of the myofibrils in flight muscles of Lepidoptera. marks on the structure of insect flight muscle rils at the striation level. CT GENETICS romosome studies and systematics of Grylae (Insecta Orthoptera). the production of males in the social Halicae (Insecta, Hymenoptera). idence, by cellulose acetate electrophoresis, a vitellogenetic protein in the hemolymph of e female imago of the cabbage pierid (Pieris assicae L.). me problems on developmental physiology in e silkworm egg.

e chromosome formula of the cave Orthop-Troglophilus neglectus (Rhaidophoridae).

anges of DNA replication behavior associated th intragenic changes of the white region in osophila melanogaster. 4627

specific chromosome element, the telomere of osophila polytene chromosomes.

osophila deoxyribonucleases. I Variation of oxyribonucleases in Drosophila melanogaster

the structure of the salivary chromosomes of obella massoudi Cassagnau (Collembola: Ne-

tra replications in the DNA-PUFFS of Sciara prophila.

e salivary gland chromosomes of the mosquito lex pipiens. I. The normal chromosome com-

NA synthesis in the neo-X neo-Y sex deterination system of Dichroplus bergi (Orthop-ra: Acrididae).

Cellular degeneration in the production of some mutant phenotypes in Drosophila melanogaster.

The influence of the genotype on the frequency of radiationinduced aneuploidy in the oogenesis of Drosophila melanogaster. V. A tentative explanation of the differences in the dose-response

Seasonal changes in the direction of mating in Drosophila melanogaster in the experiments with a natural inversion. 4636

Transdetermination in cells.

Parallel polymorphism for supernumerary segments in Chorthippus parallelus (Zetterstedt). I. British populations. 4638

4432

4407

4410

INSECT EMBRYOS

INSECT EVOLUTION

Distribution and distributional centers of North

Contribution to the systematics and zoogeography of Halticinae (Col.) in the Canary Islands.

Abundance and microdistribution of larval Chironomidae in stabilization lagoons.

Atlantic insects.

terai Diaspididae) from South Africa. 4.

Mitotic activity of the first embryonic stages in the potato beetle Leptinotarsa decemlineata Say (Coleoptera, Chrysomelidae).

New and little known armoured scales (Homop-

IN

Patterns and pathways of chromosome evolution within the Orthoptera.
Cytological studies of Antipodean Teleogryllus species and their hybrids (Orthoptera: Gryllidae).
Tritium labelling and cytochemistry of extra DNA in Acheta.
The karyotype of some Australian species of Macropathinae (GryllacridoideaRhaphidophoridae).
Synapsis and crossing over within a paracentric inversion in the grasshopper, Camnula pellucida.
A yellow mutant strain of the large milkweed bug, Oncopeltus fasciatus, that lacks erythropterin.
Unstable multilunar modifying genes in the silk- worm, Bombyx mori. III.
Experimental induction of androgenesis, gynogenesis, and polyploidy in Bombyx mori by treatment with CO2 gas.
Chromosome numbers of some central European Cerambycidae. II.
Sex chromatin in Lepidoptera.
Here to gene flow in natural populations of grasshoppers. I. The Black Canyon of the Gun-
nison River and Arphia conspersa. 4650
NSECT GEOGRAPHY Ectoparasitic mites (Acarina: Parasitiformes) from small mammals from the Tarnasjo and Ammarnas areas in Swedish Lapland.
The northern species of Coleoptera group Bagous (Curculionidae) together with a taxonomic key (principally for the service of young entomologists).
4364 Coleoptera of northeast Africa. Bostrychidae.
The occurrence of the solitary wasp Pterochilus phaleratus Panz. in the Scandinavian countries (Hym. Eumenidae).
Burmese Ichneumoninae V. 32. Genus Naenaria Cameron.
On the genus Dialineura Rondani, 1856 (Diptera, Therevidae).
Stenus and Megalopinus Motschulsky genera and remarks on the subgenus Tesnus Rey, with a table of the Palearctic representatives (Coleoptera, Staphylinidae). (54. Contribution to the knowledge of the Stenus genus).
Alticinae of New Guinea, III. Schenklingia and allies (Coleoptera: Chrysomelidae).
A new Wesmaelius from central Asia (Neuroptera, Hemerobiidae).
Revision of the nominate subgenus Sceliphron Latreille (Hymenoptera, Sphecidae) (Studies on the Sceliphronini, part I).
On Orthotylus Fieb. and Pachylops Fieb. (Heteroptera, Miridae).
The genus Heterotoma Lepeletier and Serville, 1825 (Synonym Acroderrhis Bergroth, 1914) (Heteroptera, Miridae).
Taxonomy of the genus Paluda De Long 1937 (Homoptera Euscelidae).

Further notes on the reproductive biology of the earwig Forficula auricularia L 4510	Apom an asc
SECT HISTOLOGY Remarks on the structure of insect flight muscle	The n
fibrils at the striation level. 4453 Evidence for important intercellular spaces in	Laeliu Bethyl
the hypodermis and paracrystalline formations in the exuvial liquid of the larvae of Galleria mel- lonella L. (Lepidoptera Pyralidae) during the	Insect
formation of the cuticle. 4455	Narcis
Concerning the extraocular light sensitivity of the Dictyoptera: Evidence of photoreceptors associated with the tegumentary nerves.	The ci of grap
Histochemical data on the neurosecretory allata terminations in Antheraea pernyi Guer.	A look
terminations in Antheraea pernyi Guer. (Lepidoptera, Attacidae) and in Rhodnius prolixus Stal. (Hemiptera, Reduviidae).	INSECT Contro ovary
Internal anatomy of the developmental stages of the twospotted spider mite.	Nutriti the sill
4520 Study of the tegumentary glands and their secre-	A
tory cycle in the larva of Tipula flavolineata Meig	An act
Study of the tracheal units and nodular tracheal cells in Tipula flavolineata Meig	Regula develo (Dipte
4580	(Dipte
NSECT IDENTIFICATION Lepidoptera of the Nevada Test Site. 4356	Intesti acids in
A record of Megachile rotundata (F.) from Ashcroft. British Columbia.	Incorp thymic
The occurrence of the solitary wasp Pterochilus	meland
phaleratus Panz. in the Scandinavian countries (Hym. Eumenidae).	INSECT Study
4379 Studies of black flies of Panama. III. Two new	dynam pomon
species of Simulium of the subgenus Hemicnetha.	INSECT Ultrast
Nearctic species of the genus Synaldis Foerster	the flig
(Hymenoptera, Braconidae, Alysiinae).	Biolog docom
Records of Ohio fleas (Siphonaptera). 4397	Histoc
Tabanidae (Diptera) of the Netherlands. 4403	termin (Lepid
Contribution to the systematics and zoogeography of Halticinae (Col.) in the Canary Islands. 4410	profixu The cu
Lepidoptera collected in a light trap during the winter 1962/63 in Assiut, Egypt.	the det
Aphids from the subtribe Schizolachnina (A-	migrate Interna
phidoidea, Lachninae) in Middle Europe. 4420 The first discovery of free-living larvae of the ear	the two
tick, Otobius megnini (Duges), in British Columbia.	Adult parasit and de
Chelacheles michalskii n. sp. (Acari, Cheyletidae).	Ecolog flies of
Iconography of the eggs of the Lepidoptera fauna of Belgium.	descrip Kazakl
Annotated list of forest insects of British Columbia. XIV. Ennominae (Geometridae).	Eviden glands parativ
The identity of Sitophilus oryzae.	Biology (Hyme
Fauna of the predator bugs (Hemiptera-Heteroptera) occurring on apple trees in the district of	The wa

yelois bistriatella: A moth which feeds in omycete fungus (Lepidoptera: Pyralidae). ymphal instars of four lace bugs from oslovakia. (Heteroptera, Tingidae). 4604 Cockerell (Hymenoptera: utilis idae) stinging a child at London, Ontario. 4651 and mite control on nursery stock in Ohio. sus flies. 4748 cadelle Empoasca flavescens and the grill pevines in the South-West of France. at the plant pest control divison. 4887 **METABOLISM** ol of metabolism in the silkworm pupal by the diapause hormone. 4508 onal requirements and artifical diets for worm, Bombyx mori L. tion of insect hormones on carbohydrate olism in insects. ation of growth of nurse nuclei in the pment of egg follicles in Cecidomyiidae ra). nal transport and metabolism of D-amino n the silkworm, Bombyx mori L. oration of tritium-acetamide and tritiumline into the eye disks of Drosophila **MIGRATION** of the dependence of the population ic of the apple moth (Carpocapsa nella L.) on the fruit yield of the hostplant. **MORPHOLOGY** tructural peculiarities of the myofibrils in ght muscles of Lepidoptera. y, ecology and distribution of Amara pseu-imunis Burak. (Coleoptera, Carabidae). 4467 hemical data on the neurosecretory allata ations in Antheraea pernyi Guer. loptera, Attacidae) and in Rhodnius is Stal. (Hemiptera, Reduviidae). 4469 amulative effects of long photoperiods and termination of the phase characteristics of igratory grasshopper, Locusta migratoria orioides (R. and F.), gregarious phase. al anatomy of the developmental stages of ospotted spider mite. emergence interval and reproduction in ic Hymenoptera influenced by host size nsity. ical and morphological study of robber f the tribe Asilini (Diptera, Asilidae) with otions of new genera and species from stan and Soviet Central Asia. nce of a modified ovarian region in the hair of the Coleopteron, Hydrophilidae. Come anatomic data. y of the ant Formica sanguinea Latr. noptera, Formicidae) in the Tien Shan. 4559 rble fly. Some problems on developmental physiology in the silkworm egg. 4570

Watch for the cereal leaf beetle.

4438

4532

INSECT MUTATION	
The particle lining of the plasmic membrane in	Co
The particle lining of the plasmic membrane in connection with excretion in a specialized region of the middle intestine of higher termites.	ger
4574	Th
Prothetely in Carabidae of the genus Pterostichus.	Th
4577	pai
Recent data on the origin of larval polymorphism at hatching in the migratory grasshopper, Schistocerca gregaria Forskal.	Sta
4578	Te: phi
Feeding and nutrition of Lygus hesperus. III. Limited growth and development on a meridic diet.	of
4602	Ob po
Observations on the morpho-biology of Pnigalio mediterraneus Ferr. and Del. (Hym. Eulo-	Eff
phidae). 4615	fru
Drosophila deoxyribonucleases. I Variation of	So
deoxyribonucleases in Drosophila melanogaster. 4629	soc
Transdetermination in cells.	pro
4637	At
Parallel polymorphism for supernumerary segments in Chorthippus parallelus (Zetterstedt). I. British populations.	shu
4638	Th
The myiasis fly of the African aardvark (Orycteropus afer (Pallas)).	bic bec
4852 INSECT MUTATION	res
Polyacrylamide gel electrophoretic analysis of	Bio
the proteins of Locusta migratoria (L.) and the corresponding albino mutant.	of
4561 A yellow mutant strain of the large milkweed	Tr: bio
bug, Oncopeltus fasciatus, that lacks erythrop-	01
terin. 4645	Ob me
INSECT NEMATODES	ph
The infection of immature aquatic insects by larval Paragordius (Nematomorpha).	Bio
4620	ma
INSECT NESTS	I o
Comparison of the structure and architecture of some nests of Evylaeus (Hym., Halictidae) at the cell region.	La Be
4527	Br
INSECT NUTRITION Amino acid requirements of the cotton stainer,	toı
Dysdercus fasciatus Signoret (Pyrrhocoridae, Hemiptera).	Th
Nutrition of the cillusors Dombus most VVI	Cu
Nutrition of the silkworm, Bombyx mori. XVI. Quantitative requirements for essential amino acids.	spe
4451	No clo
Nutrition of the silkworm, Bombyx mori. XVII. Effect of dietary levels of amino acids on growth	E
of fifth-instar larvae and on cocoon quality.	Ex he
Nutritional requirements and artifical diets for	

the silkworm, Bombyx mori L. 4518

Feeding and nutrition of Lygus hesperus. III. Limited growth and development on a meridic diet. 4602

INSECT OUTBREAK FORECASTING

Observations on the second generation of Carpocapsa in the Loire valley. 4496

INSECT OUTBREAKS

Biology and control of native and introduced forest insects in the Nearctic Zone. 4375

Are woodpeckers the answer to pine bark beetle attacks 4450

INSECT PESTS

First records of eye-frequenting moths from Ceylon. 4365

ntribution to the knowledge of the hosts of the nus Opius (Hymenoptera, Braconidae).

e use of viruses in biological control.

e introduction, release, and recovery of rasites of the alfalfa weevil in Eastern United

4458

4483

4597

st on the use of Fusarium episphaeria f. coccoila (Desm.) Snyder and Hansen in the control the California red scale, Aonidiella aurantii

servations on the second generation of Carcapsa in the Loire valley.

fect of ionizing radiation on Dacus zonatus it fly eggs and larvae in situ.

und production in the white-pine weevil, Pisdes strobi, and the northern pine weevil, P. apoximatus.

tractant and feeding responses of hickory ckworm larvae to certain extracts of pecan icks.

e use of a Heteroptera, Pentatomidae perillus oculatus (Fabr.) in the fight against the potato etle Leptinotarsa decemlineata (Say): First sults obtained in France.

ology of wasps of the tribe Cercerini, with a list the Coleoptera used as prey.

ans-ovum transmission of insect viruses as a ological control.

oservations on the morpho-biology of Pnigalio editerraneus Ferr. and Del. (Hym. Euloidae).

ology of Gynaikothrips karnyi Bagnall, the arginal gall forming thrips of pepper.

utilis Cockerell (Hymenoptera: thylidae) stinging a child at London, Ontario. 4651

eeding work for the creation of glandless cotn varieties in chad.

e important forest pests of Spain.

4660 iltivation of the sapogenin-bearing Dioscorea ecies. 4664

otes on insect and gastropode damage to enosed cotton plantations.

perimental husbandry farm experience with rbicides and tillage systems for cereal growing

Some pests of ornamental plants in Madras.

The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L.

Spider mites on cotton; how to control them. 4737

Control of date palm leafhoppers in Iraq by aeri-

Thrips infesting the tips of asparagus spears. 4740

The meaning and definition of biological control. 4742

Insect and mite control on nursery stock in Ohio. 4743

A study of Phanerotoma toreutae, a parasite of the pine cone moth Laspeyresia toreuta. 4745 Hard-to-kill pests of fruit trees--woolly apple-

Influence of infestation by early shoot borer Chilotraea infuscatellus Sn. on shoot production and yield of sugarcane. 4751

Study of the virus disease of Neodiprion swainei Midd. and results of its aerial dispersion. 4758

Resistance of Lycopersicon species to the carmine spider mite.

The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France.

Contributions to the (Diptera, Simuliidae) fauna of Austria. III. The fauna of the valley of the

Bulk wheat pests can be controlled by simple precautions.

4866 Our struggle against pests. II.

4872 Ag firm concentrates on waterless spraying. 4943

Our struggle against pests.

INSECT PHYSIOLOGY

Abundance and microdistribution of larval Chironomidae in stabilization lagoons.

4960

4432

4465

Annotated list of forest insects of British Columbia. XIV. Ennominae (Geometridae).

Nutrition of the silkworm, Bombyx mori. XVI. Quantitative requirements for essential amino

The action of dark phases of varying durations in the circadian, ultra- and infra-circadian rhythms on the production of winged gynophores of Dysaphis plantaginea Pass. (Homoptera, Aphididae).

Concerning the extraocular light sensitivity of the Dictyoptera: Evidence of photoreceptors as-

4464 Circadian clock action spectrum in photoperiodic moth.

sociated with the tegumentary nerves.

Biology, ecology and distribution of Amara pseudocommunis Burak. (Coleoptera, Carabidae).

Teratological effects on the nymphs and adults of insects, the larvae of which have ingested sublethal doses of the thermostable toxin of Bacillus thuringiensis Berliner.

The influence of weight of newly-hatched larvae on the determination of the phase characteristics of the migratory locust, Locusta migratoria migratorioides (R. and F.), gregarious phase.

The cumulative effects of long photoperiods and the determination of the phase characteristics of the migratory grasshopper, Locusta migratoria migratorioides (R. and F.), gregarious phase.

The influence of the corpora cardiaca on the duration of the fourth and fifth instars of Locusta migratoria L..

Cardiac activity of Locusta migratoria in vitro and the influence of the corpora cardiaca. Perfection of an experimental method and preliminary results.

Electrophysiological evidence of the tactile function of the sensillary trichia on the antenna of the Speophyes lucidulus Delarouzee (cave Coleoptera) larva. 4479

						the	
				Cerati	tis	capitata	Wied
(Dipte	era, Tryp	etida	e).				4480

A criterion of transformation for age-weight data on insect larval growth.

Isolation and a study of the mode of action of a polygalacturonase in insects (Pyrrhocoris ap-

The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say.

A semi-synthetic diet for Eri-silkworm raising.
4492

The development of an artificial diet not containing leaf powder of any food plants for Eri-silkworm raising.

The cryptonephridism of the larvae of Planipennia and their variations in function with the ecology of the Insecta.

The immobilization reflex associated with tactile

stimulation of the pronotum of normal larvae of Blaberus craniifer (Burm.) and ones having received implantations of the corpora allata.

The existence of inclusions which have a lamella ultrastructure in the nucleus of certain bacteriocytes in the adipose tissue of Periplaneta americana (Insecta, Blattidae).

Inactivation of juvenile hormone like compounds in insects.

Sound production in the white-pine weevil, Pissodes strobi, and the northern pine weevil, P. approximatus.

Attractant and feeding responses of hickory suckworm larvae to certain extracts of pecan shucks.

Nutrition of the silkworm, Bombyx mori. XVII. Effect of dietary levels of amino acids on growth of fifth-instar larvae and on cocoon quality. 4517

Nutritional requirements and artifical diets for the silkworm, Bombyx mori L.

The results of large dose injections of juvenile hormone in Locusta migratoria, gregarious phase.

Cytoplasmic particles carrying rapidly labeled RNA in developing insect epidermis.

4523

An action of insect hormones on carbohydrate metabolism in insects.

The presence of volatile fatty acids in the gut of a higher termite (Microcerotermes edentatus Was., Amitermitinae).

In vitro culture of the ovaries of Tenebrio moli-

tor (Coleoptera). The importance of the composition of the medium for survival, growth, and yolk formation.

The mode of action of the corpora allata in the course of yolk formation in Tenebrio molitor (Coleoptera).

Adult emergence interval and reproduction in

parasitic Hymenoptera influenced by host size

Evidence of a modified ovarian region in the hair glands of the Coleopteron, Hydrophilidae. Comparative anatomic data. 4554

On the presence of a virus in the testicle of a homopteran insect.

Biology of the ant Formica sanguinea Latr. (Hymenoptera, Formicidae) in the Tien Shan.

Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains Bacillus thuringiensis serotype U Berliner and serotype. III. Anduze. 4560

A new culture method for Rhynchosciara.

4563 Some problems on developmental physiology in

the silkworm egg. 4570

The role of the exuvial fluid swallowed before emergence, in the expansion of the wings of Bombyx mori L.. 4572

Polymorphism in males of the sugarcane leafhopper, Perkinsiella saccharicida.

Study of the tegumentary glands and their secretory cycle in the larva of Tipula flavolineata 4579

Diapause in Apanteles congregatus.

4586

4589

Intranuclear crystals in the midgut epithelium of

Electrical resistance of intact integument

throughout the molt cycle of a cockroach. 4593

The possibilities of regulating the labial imaginal disc in Calliphora erythrocephala Meigen.

Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey. 4597

Intestinal transport and metabolism of D-amino acids in the silkworm, Bombyx mori L.

4599 Feeding and nutrition of Lygus hesperus. III. Limited growth and development on a meridic

diet. 4602 The nymphal instars of four lace bugs from

Czechoslovakia. (Heteroptera, Tingidae). 4604

Single unit activity in the visual pathway of the butterfly Heliconius erato.

Study of the corpus allatum in living larvae of the blow fly Calliphora erythrocephala Mg. (Diptera, Calliphoridae).

Effect of high temperatures on the resistance of insects to infectious diseases.

The action of different temperatures on the duration of postembryonic development and the duration between molts in adults of six species of epigeous and cave Collembola, Hypogastruridae.

A comparative morphological study of the male external genitalia of the type-species of some South African Notodontidae (Lepidoptera).

4611 Honey bee recruitment to food sources: Olfaction or language.

Physiological responses of insects to nicotine. 4623

contact Electrophysiological study chemoreceptors in bloodsucking Diptera. 4624

Response of some stored-product insects to Trogoderma granarium pheromones. 4625

Esterase and phosphatase polymorphism in natural population of wild silkworm, Theophila mandarina L.

Incorporation of tritium-acetamide and tritiumthymidine into the eye disks of Drosophila melanogaster.

4639

A study of Phanerotoma toreutae, a parasite of the pine cone moth Laspeyresia toreuta. 4745

Search for new insecticides.

4893

4567

4460

4517

4563

INSECT POLLINATORS

Mosquito pollination of Habenaria obtusata (Orchidaceae). 4675

INSECT POPULATIONS

Abundance and microdistribution of larval Chironomidae in stabilization lagoons. 4432

Investigations of fauna overwintering in or under the bark of apple trees. Part II. Studies on Arachnida.

Community studies on Hymenoptera found on Brassica napus. Part IV. Aculeata.

Polymorphism in males of the sugarcane leafhopper, Perkinsiella saccharicida. 4576

INSECT PRESERVATION

Observations on the preservation of Lepidoptera 4349

INSECT PROTECTIVE DEVICES

Benzaldehyde: Defensive secretion of a harvester

INSECT REARING

Aphidius smithi Sharma and Subba Rao (Hymenoptera: Aphidiidae) a parasite of the pea aphid new in Southern Ontario. 4350

Wood-and-bark-feeding Coleoptera of felled spruce in interior British Columbia.

4425 A semi-synthetic diet for Eri-silkworm raising.
4492

The development of an artificial diet not containing leaf powder of any food plants for Eri-silkworm raising.

4493 Nutrition of the silkworm, Bombyx mori. XVII. Effect of dietary levels of amino acids on growth

of fifth-instar larvae and on cocoon quality.

A new culture method for Rhynchosciara.

Biological observations on some sandflies (Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi Ortiz, 1959 and P. vexillarius Fairchild Heritig,

Feeding and nutrition of Lygus hesperus. III. Limited growth and development on a meridic diet. 4602

INSECT REPELLENTS

Response of some stored-product insects to Trogoderma granarium pheromones.

4625

INSECT REPRODUCTION

4619

New European Orthoptera.

4390

On parthenogenic reproduction in Arammichnus cribricollis Gyll (Insecta Coleoptera Curculionidae).

4463

Further notes on the reproductive biology of the earwig Forficula auricularia L..

INSECT TAXONOMY

	broods in the Halictinae (Insecta, Hymetera).		genus Opius (Hymenoptera, Braconidae).		winter 1962/63 in Assiut, Egypt. 441.
		4526	A new species of Asterolecanium Targ. (H		
	On the production of males in the social I tinae (Insecta, Hymenoptera).	Halic-	tcra: Coccoidea: Asterolecaniidae) from Africa.	South	New synonymy in the South African genu Synaptothrips Trybom (Thysanoptera) with key to the species.
		4528		4387	441
	Action of natural ionizing radiations reproduction in the metazoa: Research		Chrysomelid beetles from the Papuan sub 5 (Eumolpinac, 3).		New and little known armoured scales (Homop terai Diaspididae) from South Africa. 4.
	Drosophila melanogaster.	4581		4388	441:
T)	NSECT TAXONOMY	4301	Lepidoptera of southern Spain.	4200	New Palearctic species of the genus Cyphol
	Ectoparasitic mites (Acarina: Parasitifor	mes)		4389	Payk. IV. Studies on the Helodidae family. IX.
	from small mammals from the Tarnasjo and		New European Orthoptera.	4300	4410
	marnas areas in Swedish Lapland.			4390	Records and descriptions of Palearctic and south
	·	4353	New genera and species of chalcid flies		Asiatic Laspcyresiini (Lepidoptera: Tortricidac)
	Bees of the Nevada Test Site.		Chalcidoidea) and a new species of Foen		441
		4355	Smith (Hym., Ichneumonidae, Stepha from Hoggar.	inidae)	A revision of the subgenus Hirtodrosophila of the Old World, with descriptions of some new spe
	Study of the genus Rhytidodus Fieb. (Ho		nom noggan.	4391	cies and subspecies (Diptera, Drosophilidae
	tera, auchenorrhyncha) with description o	f two	Burmese Ichneumoninae V. 32. Genus Na	enaria	Drosophila).
	new species from the Soviet Union.	4357	Cameron.		4418
				4392	A new Schistoglossa specie from Sweden (Col
	A new Crompus from New Caledonia. (He teraHeteroptera: Lygaeidae).	emip-	A new Somatina of the Congo. (Lepid	loptera	Staphylinidae, Aleocharinae).
		4359	Geometridae).	•	4419
	Chalicidoidea (Hymenoptera) in the Manch	ester		4393	Aphids from the subtribe Schizolachnina (A
	Museum. Part 5.	icatei	A contribution to the knowledge of the	Ceram-	phidoidea, Lachninae) in Middle Europe.
		4360	bycidae and the Ocdemoridae of Iran.	1201	4420
	Listing of Trifid noctuidae of France and I	Belgi-		4394	Concerning the taxonomic clarification of Nar
	um.	- U	A revision of the Cosmopterigidae of An		raga tessularia ilia Whli and some remarks abou this genus. (Lepidoptera, geometridae).
		4361	north of Mexico, with a definition of the phidae and Walshiidae (Lepide		442
	Valley centipedes (Chilopoda, Symphyla)	from	phidae and Walshiidae (Lepido Gelechioidea).	optera:	A new subgenus and new species of Franciscolog
	northern Kentucky.	1262	o ciocini ciaca).	4395	conci (Mallophaga: Menoponidae).
		4362	Further notes on the genus Pulvinaria	Tare.	4422
	The northern species of Coleoptera g Bagous (Curculionidae) together with a		(Homoptera: Coccoidea) from the Ethiop		Stenus and Megalopinus Motschulsky genera
	onomic key (principally for the service of y	oung	gion.		and remarks on the subgenus Tesnus Rey, with a
	entomologists).	oung		4396	table of the Palearctic representatives (Coleop-
		4364	Records of Ohio fleas (Siphonaptera).		tera, Staphylinidae). (54. Contribution to the
	Six new species of Membracidae (Hemip	otera:		4397	knowledge of the Stenus genus). 4423
	Homoptera) from South Africa.		Aleochara stichai Likovsky (Col., Staphyli	nidae)	
		4366	new to Britain.	4398	Redefined concept of the genus Synaptothrips with redescriptions of two species (Thysanop-
	A new genus and species of Psyllidae (Ho	mop-	Haramatana akida a Balar (Gala Gental)		tera: Thripidae).
	tera) from South Africa.	4367	Hypocyphtus nitidus Palm (Col., Staphyli in Oxforoshire: An addition to the British I		4426
			in Oxforosinic. An addition to the British i	4399	Chelacheles michalskii n. sp. (Acari
	The genus Gargara Anyot Serville (Homor Membracidae) in South Africa.	жега:	New species of Meubelia Willemse, 1932		Cheyletidae).
		4368	the Philippines (Orthoptera: Pyrgomorphic		4427
	On a collection of termites from Daman.		11 (1 1 1 1	4400	Alticinae of New Guinea, III. Schenklingia and
		4369	A new genus and species of Sciomyzidae	e from	allies (Coleoptera: Chrysomelidae).
	The Collembola of South Africa2: The	genus	Tanzania, with a key to the genera of the E		4428
	Scira.		an region and distributional notes (Dipte	ra: Fa-	Iconography of the eggs of the Lepidoptera
		4370	calyptratae).	4401	fauna of Belgium. 4429
	The Collembola of South AfricaI: The g	genus	A study of Noveyanaphic Planchard 102		A new species of Ecnomus McLachlan (Trichop-
	Neanura.	4251	A study of Neuquenaphis Blanchard, 193 descriptions of new species (Aphididae, H		tera: Psychomyidae) from South Africa.
		4371	tera).	omop-	4430
	The discovery in France of the Acarina Ner		,.	4402	On nocturnal darkling beetles of the genus
	lycidae Strenzke while organizing the ma from Languedoc-Rousillon.	terrar	Tabanidae (Diptera) of the Netherlands.		Melanesthes Lac. (Scoleoptera, Tenebrionidae)
		4372		4403	from central Kazakhstan.
	Zanclognatha tenuialis Rebel in France (i	n Al-	Chromosome studies and systematics of	Gryl-	4431
	sace and L'Isere). (Lep. Noctuidae, Hypenin		linae (Insecta Orthoptera).	•	Annotated list of forest insects of British Colum-
		4376		4404	bia. XIV. Ennominae (Geometridae).
	Two Dolichopodidae (Diptera) from St. He	elena	A note on the family Euptychia (s. l.)	(Lep.	4433
	Island South Atlantic.		Satyridae).	4.405	A new Wesmaelius from central Asia (Neurop-
		4378		4405	tera, Hemerobiidae).
	Coleoptera from northeast Africa. Mordell		Four new sawflies from Sweden (Hymeno	optera,	Revision of the nominate subgenus Sceliphron
	Supplement: Paraconalia n. gen. a new g from South America. 64. Contribution to		Symphyta).	4406	Latreille (Hymenoptera, Sphecidae) (Studies on
	knowledge of the Mordellids.	J- tile	Systematics of the Cryptocephalinae (C		the Sceliphronini, part I).
		4380	tera, Chrysomelidae) from Soviet Centra		4435
	New species of Meromyza Mg. (Dip	otera,	and Kazakhstan.		On Orthotylus Fieb. and Pachylops Fieb.
	Chloropidae) from Transbaykalia.			4408	(Heteroptera, Miridae).
		4381	On the genus Dialineura Rondani, 1856	(Dip-	4436
	New Malthodes from western North Am	erica	tera, Therevidae).	4400	The genus Heterotoma Lepeletier and Serville,
	(Coleoptera: Cantharidae).	1202		4409	1825 (Synonym Acroderrhis Bergroth, 1914)
		4382	A review of darkling beetles of the tribe	e Lep-	(Hetcroptera, Miridae).
	Studies of black flies of Panama, III. Two		todini (Coleoptera, Tenebrionidae).	4411	Taxonomy of the genus Paluda De Long 1937
	species of Simulium of the subgenus He netha.	JIIIC-	Johnsumonidae (Humanantara) sallast		(Homoptera Euscelidae).
		4383	Ichneumonidae (Hymenoptera) collect paddy fields of the Orient, with descripti		(Homopiera Euscendae).
	Nearctic species of the genus Synaldis Foe	erster	new species. Part 2. Subfamilies Porizon		Enumeration of the Microlepidoptera encoun-
	(Hymenoptera, Braconidac, Alysiinae).	4204	Metopiinae and Diplazontinae.	,,,,,	tered in the region of Warsage.

Identification of the braconid parasites of rice borers (Hymenoptera: Braconidae).	The determination of the amount of diazinon residues in foodstuff by means of labeled	Pesticides in soil. Monitoring for chlorinated hydrocarbon pesticides in soil and root crops in
4440	diazinon. (Summary).	the Eastern States in 1965.
The identity of the British Mondsynamma Scott 1864 (Hem., Miridae).	Persistence of DDT in crayfish in a natural en-	Search for new insecticides.
4442	vironment.	4893
Studics on the Japanese gall midges II, two new	4878	Some observations concerning the maximum
and a known species of the genus Camptomyia	Tolerances and exemptions from tolerances for	dosage ordinance.
from Kyushu (Diptera: Cecidomyiidae).	pesticide chemicals in or on raw agricultrual commoditics. Dodecachlorooctahydro-1,3,4-	4897
New species of Hypera (Coleoptera, Curcu-	metheno-2th-cyclobuta (cd) pentalene.	Use insecticides safely. 4901
lionidae) from the Crimean Mountains.	4882	
4444	Usc insecticides safely.	The pesticide review. 4952
New species of the genus Trachina Mg. (diptera,	INCECTICIDE DECICEANT INCECTO	Some problems of method and content in work-
Tachnidae), parasites of injurious Lepidoptera in the Ussr.	INSECTICIDE RESISTANT INSECTS Hard-to-kill pests of fruit treeswoolly apple-	ing-up a forecast -demonstrated on the example
4445	aphid.	of the plant protection- and pesticide manufac-
New records of South African Thysanoptera with	4747	turing industry.
description of a new Phlaeothripid genus.	Results of a study on controlling Tipula olercea	INSECTS
4446	L. showing a marked resistance to some chlororganic insecticides.	Distribution and distributional centers of North
Lopidea Uhler: New species and records from Mexico and southwestern United States with	4750	Atlantic insects.
Mayamiris, related new genus from Mexico	Search for new insecticides.	4407
(Hemiptera, Miridae).	4893	Germination of Russian thistle seeds.
4530	INSECTICIDE SYNERGISTS	INTEGRATED CONTROL (INSECTS)
Aradidae in the Bishop Museum, Honolulu	Specificity in insecticides.	INTEGRATED CONTROL (INSECTS) The influence of the fungus Beauveria bassiana
(HemipteraHetcroptera). 4533	4507	Vuill. on the fertility and the diapause of Lep-
Ecological and morphological study of robber	INSECTICIDES A comparative study on the effects of aerial ver-	tinotarsa decemlineata Say.
flies of the tribe Asilini (Diptera, Asilidae) with	sus ground spraying of poisoned baits against the	4488
descriptions of new genera and species from	Mediterranean fruit fly on the natural enemies of	Integrated control of the fruit-tree leaf roller,
Kazakhstan and Soviet Central Asia.	scale insects in citrus groves.	Archips argyrospilus (Walker), and the eye- spotted bud moth, Spilonota ocellana (Denis and
4548	S-colficity in incontinides	Schiffermuller).
Remarks concerning the terminology of the genitalia armor in the genus Argynnis (S.L.).	Specificity in insecticides. 4507	4553
(Lepidoptera, Nymphalidae).	Termite control in rubber plantations.	Experiment on the influence of Bacilluscereus
4573	4521	var. Galleriae and of lindane on Sitotroga
The chromosome formula of the cave Orthop-	Watch for the cereal leaf beetle.	cerealella Oliv. and on Trichogramma cacoeciae March.
tera Troglophilus neglectus (Rha- phidophoridae).	4557	4591
4590	The warble fly.	Study of the dependence of the population
The nymphal instars of four lace bugs from	4568	dynamic of the apple moth (Carpocapsa
Czcchoslovakia. (Heteroptera, Tingidae).	Experiment on the influence of Bacilluscereus var. Galleriae and of lindane on Sitotroga	pomonella L.) on the fruit yield of the hostplant.
4604	cerealella Oliv. and on Trichogramma cacoeciae	Imported and indigenous natural enemies of
INSECT VECTORS	March.	citrus coccids and aphids in Cyprus, and an as-
Effect of high temperatures on the resistance of insects to infectious diseases.	4591	sessment of their potential value in integrated
4607	Diazinon against plant pests. 4655	control programmes.
The viruses of the black and rcd currant.	Some pests of ornamental plants in Madras.	INTEGRATED CONTROL (PESTS)
4705	4735	Bulk wheat pests can be controlled by simple
Form and mechanism of transmission of plant	Insect and mite control on nursery stock in Ohio.	precautions.
viruses. I ransmission of viruses by arthropods. 4728	4743	4866
Several measures used to combat fruit plant	Hard-to-kill pests of fruit treeswoolly apple-	Our struggle against pests. II.
viruses.	թphid.	INTERESPENCE DIENOMENON
4731	Results of a study on controlling Tipula olercea	INTERFERENCE PHENOMENON The role of interferon in the interference
Studies on the population of the aphid Pen-	L. showing a marked resistance to some chloror-	phenomenon between vaccinia virus and fixed
talonia nigronervosa Coq. on banana plants in Kerala.	ganic insecticides.	rabies virus.
4752	4750	INTEREDON 4847
Experimental transmission of plague by	Don't take lightly these brinjal borers. 4759	INTERFERON The role of interferon in the interference
Synopsyllus fonquerniei of Madagascar.	The cicadelle Empoasca flavescens and the grill	phenomenon between vaccinia virus and fixed
INSECTICIDAL DI ANTS	of grapevines in the South-West of France.	rabies virus.
INSECTICIDAL PLANTS Scarch for new insecticides.	4761	4847
4893	Imported and indigenous natural enemies of	INTERNATIONAL COOPERATION How Ian Hendrif is steering Shell International
INSECTICIDE APPLICATION	citrus coccids and aphids in Cyprus, and an as-	into expanding pesticide markets.
The boll weevil; How to control it. Part II.	sessment of their potential value in integrated control programmes.	4948
4348	4763	We can solve international residue problem if
Termite control in rubber plantations.	Pest-management concepts and control of tick	4956
4521 Effects of low volume agricle proving of Durchen	paralysis in British Columbia. 4849	INTERSTATE COMMERCE
Effects of low volume aerial spraying of Dursban and fenthion on fish.	Residues in fish, wildlife, and estuaries. Insecti-	Domestic quarantine notices. Soybean cyst nematode. Quarantine and regulations.
4885	cide concentrations in wildlife at Presidio, Texas.	4764 -
Aircraft operations in the Colusa project.	4876	INTESTINES
4944	Tolcrances and exemptions from tolerances for	The presence of volatile fatty acids in the gut of a
INSECTICIDE RESIDUES	pesticide chemicals in or on raw agricultural commodities. Parathion or its methyl homolog.	higher termite (Microcerotermes edentatus Was., Amitermitinae).
Toxicity of organophosphorous insecticides applied as foliar spray, soil drench and seed treat-	4881	4535 Was., Amiterintinae).
ment to Aphis gossypii Glover (Aphididae:	An evaluation of the effects of the Aedes aegypti	Intestinal transport and metabolism of D-amino
Homoptera).	cradication program on wildlife in South Florida.	acids in the silkworm, Bombyx mori L.
4757	4884	4599

INVERTEBRATES

Sensitiveness of E. coli isolated from the intestines of broilers in the terrain to chlortetracyclin, streptomycin and furazolidon in 1966.

Preliminary study of an intestinal virus isolated from a lesion in baland-posthite cattle.

INVERTEBRATES

An autoradiographic study of invertebrate uptake of DDT-CL36.

4618

IONIZATION

Effect of ionizing radiation on Dacus zonatus fruit fly eggs and larvae in situ.

4505

Structure of Klein's metabolites of aldrin and of 4926

IONIZING RADIATION

Action of natural ionizing radiations on reproduction in the metazoa: Research on Drosophila melanogaster.

IPS SEXDENTATUS

Research on the odoriferous constituents of the terpenic fumes of various substances and their action on lps sexdentatus Boerner (Coleoptera, Scolytidae).

IRON

Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control.

Sideroleucocytes as a diagnostic aid in equine infectious anaemia.

IRRADIATION

The influence of the genotype on the frequency of radiationinduced aneuploidy in the oogenesis of Drosophila melanogaster. V. A tentative explanation of the differences in the dose-response curves.

4635

Effect of ultraviolet radiation on the oxidation of certain Krebs cycle substrates in Vibrio cholerae.

IRRIGATION

Irrigation by spraying.

Annual report of the Department of Agriculture for the year 1962/63. (II). 4665

IRRIGATION DITCHES

Persistence and movement of parathion in irrigation waters.

4871

ISOMERS

Intestinal transport and metabolism of D-amino acids in the silkworm, Bombyx mori L. 4599

ISOPRENOIDS

Inactivation of juvenile hormone like compounds in insects. 4501

ISOPROPYL-4-DIMETHYLAMINO-5-

METHYLPHENYL 1-PIPERIDINECARBOXY
The effect of CCC and Amo-1618 on growth,

catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings.

The infrastructural morphology of Pillotina calotermitidis nov. gen., nov. sp., a Spirochaetales of the intestine of Calotermes praecox.

The presence of volatile fatty acids in the gut of a higher termite (Microcerotermes edentatus Was., Amitermitinae).

JUVENILE HORMONE

Inactivation of juvenile hormone like compounds

4501

4535

The results of large dose injections of juvenile hormone in Locusta migratoria, gregarious phase.

Studies on chemical weed control with fodder

A preliminary study of the extraction of parathion and Diazinon by the Mills, Onley, Gaither Acetonitrile Procedure.

The cryptonephridism of the larvae of Planipennia and their variations in function with the ecology of the Insecta.

KLEBSIELLA PNEUMONIAE

Opsonins examination in the mouse after endotoxin-induced resistance to infection.

KOHLRABI

Effect of foliar sprays of plant regulators (IAA and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes).

LABELING

Red rot in residual ponderosa pine stands on the Navajo Indian Reservation. 4663

Use insecticides safely.

LABOR PRODUCTIVITY

Weeds and their control.

LABORATORY ANIMALS

Toxoplasma gondii: Fecal forms separated from eggs of the nematode Toxocara cati.

Toxoplasma gondii: Transmission through feces in absence of Toxocara cati eggs.

Therapeutic effect of SDDS (2-sulfamoyl-4,4'diaminodiphenyl sulfone) on experimental tox-

oplasmosis. 4843 A tidal rhythm in the susceptibility of Fundulus

similis to sodium chloride and endrin. 4896

LABORATORY EQUIPMENT

On the investigative methods of the sound characteristics of small cicadas (Homoptera-Cicadina).

LACTATE DEHYDROGENASE

Studies of serum enzymes in swine infected by two strains of hog cholera virus. 4804

LACTATES

Intracellular localization and characteristics of lactate dehydrogenase activity of Salmonella typhosa (NCTC 8385).

LAELIUS UTILIS

Laelius utilis Cockerell (Hymenoptera: Bethylidae) stinging a child at London, Ontario.

LAMPYRIDAE

Predatory activity of Luciola cruciata (Olivier, 1886) (Coleoptera: Lampyridae) larvae on newly hatched Biomphalaria glabrata.

On the antioxidative mechanism of alpha-, beta-, gamma- and delta tocopherols in lard.

LARGUS CINCTUS

The relationship of some insects (Aphididae, Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L.

LARIX OCCIDENTALIS

Protecting larch logs from Tetropium velutinum Leconte with lindane emulsion. 4754

4494

4901

4782

LARVAE

Taxonomic notes on the larva of British Diptera. no. 25, The larva and pupa of Dioctria rufipes (Degeer) (Asilidae).

The first discovery of free-living larvae of the ear tick, Otobius megnini (Duges), in British Colum-

4424

4432

Abundance and microdistribution of larval Chironomidae in stabilization lagoons.

Annotated list of forest insects of British Columbia. XIV. Ennominae (Geometridae).

4433

Nutrition of the silkworm, Bombyx mori. XVI. Quantitative requirements for essential amino

Evidence for important intercellular spaces in the hypodermis and paracrystalline formations in the exuvial liquid of the larvae of Galleria mellonella L. (Lepidoptera Pyralidae) during the formation of the cuticle.

Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera diniana (Guenee).

Biology, ecology and distribution of Amara pseu-

docommunis Burak. (Coleoptera, Carabidae) 4467

The influence of weight of newly-hatched larvae on the determination of the phase characteristics of the migratory locust, Locusta migratoria migratorioides (R. and F.), gregarious phase.

The influence of the corpora cardiaca on the duration of the fourth and fifth instars of Locusta migratoria L..

Composition of the gut contents of third-instar tsetse larvae (Glossina morsitans Westwood).

Electrophysiological evidence of the tactile function of the sensillary trichia on the antenna of the Speophyes lucidulus Delarouzee (cave Coleoptera) larva.

A criterion of transformation for age-weight data on insect larval growth.

The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Leptinotarsa decemlineata Say.

Action of ecdysone on the larvae of Drosophila melanogaster subjected to starvation. The existence of two pre-requisites for the formation of the puparium.

A semi-synthetic diet for Eri-silkworm raising.
4492

The immobilization reflex associated with tactile stimulation of the pronotum of normal larvae of Blaberus craniifer (Burm.) and ones having received implantations of the corpora allata. 4495

Two strains of Bacillus thuringiensis Berliner isolated from larvae of disparate Bombyx Lymantria dispar.

Effect of ionizing radiation on Dacus zonatus fruit fly eggs and larvae in situ.

4505

4503

Experiments on the milky disease of the larva of Melolontha melolontha L.

Nutrition of the silkworm, Bombyx mori. XVII. Effect of dietary levels of amino acids on growth of fifth-instar larvae and on cocoon quality.

4517

Contribution to the biological study of the Diptera Sarcophagidae, parasites of acridids. The biological cycle of Blaesoxipha rossica Vill., in-

jection of larvae in the body of the host by the female Sarcophagidae.	LASIODERMA SERRICORNE Response of some stored-product insects to	Lepidoptera of southern Spain. 4389
4547 Predatory activity of Luciola cruciata (Olivier,	Trogoderma granarium pheromones. 4625	Lepidoptera collected in a light trap during the winter 1962/63 in Assiut, Egypt.
1886) (Coleoptera: Lampyridae) larvae on newly hatched Biomphalaria glabrata.	LASPEYRESIA CARYANA Attractant and feeding responses of hickory	4413
4558	suckworm larvae to certain extracts of pecan shucks.	Iconography of the eggs of the Lepidoptera fauna of Belgium. 4429
A new culture method for Rhynchosciara. 4563	4514	Enumeration of the Microlepidoptera encoun-
Prothetely in Carabidae of the genus Pterostichus.	A study of Phanet Jone to reutae, a parasite of	tered in the region of Warsage. 4439
4577 Recent data on the origin of larval polymorphism	the pine cone moth Laspeyresia toreuta. 4745	Ultrastructural peculiarities of the myofibrils in the flight muscles of Lepidoptera.
at hatching in the migratory grasshopper, Schistocerca gregaria Forskal.	LEAF BLIGHT Fairway disease control.	4452 Bionomics of tur plume moth (Marasmarcha
4578	LEAF CURL 4674	liophanes, Meyrick) on pigeon pea (Cajanns
Study of the tegumentary glands and their secretory cycle in the larva of Tipula flavolineata	Disease control in nonbearing orchards. 4699	cajan, Milisp).
Meig 4579	LEAF RUST	Remarks concerning the terminology of the genitalia armor in the genus Argynnis (S.L.).
Study of the tracheal units and nodular tracheal	1967 field trials on control of coffee berry disease in Kenya. IV.	(Lepidoptera, Nymphalidae).
cells in Tipula flavolineata Meig 4580	LEAF SPOT	Practical application of Bacillus thuringiensis.
Diapause in Apanteles congregatus.	Fairway disease control.	Sex chromatin in Lepidoptera.
4586	4674 Disease control in nonbearing orchards.	4649
Experiment on the influence of Bacilluscereus var. Galleriae and of lindane on Sitotroga	4699	LEPIDOSAPHES BECKII Imported and indigenous natural enemies of
cerealella Oliv. and on Trichogramma cacoeciae March.	Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens.	citrus coccids and aphids in Cyprus, and an as-
4591	4730	sessment of their potential value in integrated control programmes.
Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey.	The resistance of Fx and IAN rubber clones to	4763 LEPTINOTARSA DECEMLINEATA
4597	leaf diseases in Brazil.	Mitotic activity of the first embryonic stages in
Study of the corpus allatum in living larvae of the blow fly Calliphora erythrocephala Mg. (Dip-	Studies on the application of electrophoresis to	the potato beetle Leptinotarsa decemlineata Say (Coleoptera, Chrysomelidae).
tera, Calliphoridae).	the isolation of RNA infective fractions from tobacco plants infected with the potato virus X.	The influence of the funcus Recursion begins
The influence of external factors on the an-	I. Characterisation of RNA preparations from tobacco leaves, analysed by means of elec-	The influence of the fungus Beauveria bassiana Vuill. on the fertility and the diapause of Lep-
ticipated elimination of the diapause of Psylla pyri (Homoptera: Psyllidae).	trophoresis in coloured agar gels.	tinotarsa decemlineata Say. 4488
4608	The effect of rootstocks on the transformation of	The use of a Heteroptera, Pentatomidae perillus
The infection of immature aquatic insects by larval Paragordius (Nematomorpha). 4620	some factors of the physiological immunity in leaves of mildew-susceptible grape varieties. 4717	bioculatus (Fabr.) in the fight against the potato beetle Leptinotarsa decemlineata (Say): First results obtained in France.
Results of field experiments carried out in 1954	LEGISLATION Bootimism over eron diseases	4544 LEPTOCONOPS KERTESZI
and 1955 in switzerland concerning the microbial control of the larvae of Melolontha	Pessimism over crop diseases. 4679	Attack activity of two species of gnats in southern California.
melolontha L. 4622	Domestic quarantine notices. Soybean cyst nematode. Quarantine and regulations.	4490
Extra replications in the DNA-PUFFS of Sciara	4764	LEPTOGLOSSUS OCCIDENTALIS The occurrence of Theognis occidentalis in the
coprophila.	Our struggle against pests. II. 4872	Midwestern United States (Heteroptera: Coreidae).
Transdetermination in cells.	A look at the plant pest control divison. 4887	4592
4637 Incorporation of tritium-acetamide and tritium-	Some observations concerning the maximum	LEPTOSPIRA Intermediate energy metabolism of Leptospira.
thymidine into the eye disks of Drosophila	dosage ordinance. 4897	4796
melanogaster. 4639	Our struggle against pests.	Terminal electron transport in Leptospira. 4797
A study of Phanerotoma toreutae, a parasite of the pine cone moth Laspeyresia toreuta.	Part II proposed for paraquat.	LEPTOSPIROSIS Experiences about the tolerance and use of
4745	4962	Stagloban in the dog.
Results of a study on controlling Tipula olercea L. showing a marked resistance to some chloror-	The law and the use of pesticides. 4964	LESIONS 4836
ganic insecticides.	LEMONS Effects of chemical preservatives and storage on	Effect of mixed spore inocula of Botrytis ssp. on lesion development in the leaves of bean (Vicia
Larval development of a nematode parasite of	constituents used to characterize lemon juice.	faba L.).
the dog circulatory system in dulcaquicoles mol- lusks.	LENACIL	LETTUCE
4857 Nymphal stage of Linguatula serrata found in	Study of the selectivity of herbicides for sugar- beets, using laboratory, greenhouse and	Sex lure hoax may prove male beet wireworm's undoing.
mesenteric lymph node of a bovine.	physiological methods. In: Collection of reports given at the International Herbicide Conference,	4765 LEUCINE
4861 Insect pathogens and microbial control of insects	Prague, June 21-24, 1966.	Regulation of branched-chain amino acid
in stored products. I. Test with Bacillus thurin-	LEPIDOPTERA	biosynthesis in Salmonella typhimurium: Isolation of regulatory mutants.
giensis Berliner against moths. 4864	Observations on the preservation of Lepidoptera specimens.	4801 LEUCINODES ORBONALIS
Susceptibility of different stored-products moth larvae to Bacillus thuringiensis.	4349 Lepidoptera of the Nevada Test Site.	Don't take lightly these brinjal borers. 4759
4867	4356	LEUKOCYTES
LARVICIDES Aircraft operations in the Colusa project.	Panthea coenobita Esp. in the French Jura. (Lepidoptera Noctuidae Pantheinae).	Sideroleucocytes as a diagnostic aid in equine infectious anaemia.

LIFE CYCLE	LIVESTOCK DISEASES	LOLIUM
The egg-laying cycle in the Machiloidea (Insecta Thysanura).	Respiratory disease in the pig. II. 4798	Axis cylinder degeneration associated wire ryegrass staggers in sheep and cattle.
4459	The focal distribution of lesions of porcine	482
The biology and control of Archips occidentalis (Wals.) and Tortrix dinota Meyr. (Lepidoptera:	hypernatremic eosinophilic meningo-en- cephalitis for diagnostic purposes.	LONGIDORUS ELONGATUS Form and mechanism of transmission of plan
Tortricidae) on coffee in Kenya.	4803	viruses. Transmission of viruses by seeds, polle
Obligators and additional basts of balminths	Observations on the practical use of the rapid	and contact of roots.
Obligatory and additional hosts of helminths. 4859	mastitis test.	LOPIDEA
LIGHT	Axis cylinder degeneration associated with	Lopidea Uhler: New species and records from
The cumulative effects of long photoperiods and the determination of the phase characteristics of	ryegrass staggers in sheep and cattle. 4825	Mexico and southwestern United States wit Mayamiris, related new genus from Mexic
the migratory grasshopper, Locusta migratoria	Costing acute Mareks disease.	(Hemiptera, Miridae).
migratorioides (R. and F.), gregarious phase.	4828	453
Study of the phototrophism of the Noctuidae	Pathological studies on pseudotuberculosis	LUMBER PRESERVATIVES Preservative treatments and service life of fence
(Lcpidoptera). Research on the variation of	rodentium. III. Spontaneous swine cases. 4829	posts in Puerto Rico.
behavior following the frequency of intermittent monochromatic illumination.	Choleresis in sheep.	LYCAENIDAE 465
4487	4830	Lepidoptera collected in a light trap during th
Unstable multilunar modifying genes in the silk- worm, Bombyx mori. III.	Incidence of hydatosis in livestock in Lahore. 4842	winter 1962/63 in Assiut, Egypt.
4646	The pale muscle problem in pigs.	LYGAEIDAE
The effect of 3-amino-1,2,4-triazole on the ul-	4845	A new Crompus from New Caledonia. (Hemi
trastructure of plastids of Triticum vulgare seedlings.	Control of bovine tuberculosis and list of offi-	teraHeteroptera: Lygaeidae).
4685	cially certified herds. 4846	A yellow mutant strain of the large milkwee
The influence of illumination on the develop- ment of tumors caused by Agrobacterium tu-	Pest-management concepts and control of tick	bug, Oncopeltus fasciatus, that lacks erythrop
mefaciens (Smith and Town) Conn. on pea	paralysis in British Columbia. 4849	terin. 464
scedlings, Pisum sativum L 4707	LOCOMOTION	LYGUS HESPERUS
Trials with carbon dioxide, light and growth sub-	Mobility in Tribolium confusum.	Feeding and nutrition of Lygus hesperus. Il
stances on forest tree plants.	4565 LOCUSTA MIGRATORIA	Limited growth and development on a meridi diet.
LIGHT TRAPS	Comparative effects of allatectomy on the activi-	460
Lepidoptera collected in a light trap during the	ty of the male accessory glands and on the sexual behavior of two acridids: Schistocerca gregaria	LYMPH Nymphal stage of Linguatula serrata found i
winter 1962/63 in Assiut, Egypt.	and Locusta migratoria (sub-species migra-	mesenteric lymph node of a bovine.
LIMING	torioides and Razalinsk).	486
Comparison of sulphur dioxide and formal-	The cumulative effects of long photoperiods and	MACERATION Use of cherry-laurel foliage for preparation of a
dehyde as bacteriostats in diffusion. Part II. 4913	the determination of the phase characteristics of	effective insect-killing jar.
LIMONIIDAE	the migratory grasshopper, Locusta migratoria migratorioides (R. and F.), gregarious phase.	MACHILIDAE 450
Several discoveries of Tipulidae and Limoniidae	4472	The egg-laying cycle in the Machiloidea (Insect
(Dipt.) from Corsica.	The influence of the corpora cardiaca on the du-	Thysanura). 445
LIMONIUS CALIFORNICUS	ration of the fourth and fifth instars of Locusta migratoria L	MACROPHOMINA PHASEOLI
Sex lure hoax may prove male beet wireworm's undoing.	4473	Physiological studies on incitants of guava wi
4765	Cardiac activity of Locusta migratoria in vitro and the influence of the corpora cardiaca. Per-	Fusarium solani (Mart.) App. and Wr. emen Snyder and Hansen and Macrophomina phaseo
LINDANE Experiment on the influence of Bacilluscereus	fection of an experimental method and prelimi-	(Maubl.) Ashby.
var. Galleriae and of lindane on Sitotroga	nary results.	468
cerealella Oliv. and on Trichogramma cacoeciae	Ultrastructure of the hemocytes of Locusta	Contribution to the study of a parasitic comple which attaches itself to the exposed parts of contributions.
4591	migratoria (Orthoptera).	ton plants and causes their withering. 47I
Protecting larch logs from Tetropium velutinum	The results of large dose injections of juvenile	MACROPOPILLIA ARROWI
Leconte with lindane emulsion. 4754	hormone in Locusta migratoria, gregarious	Some pests of ornamental plants in Madras.
Don't take lightly these brinjal borers.	phase. 4522	473
4759	Inhibition of the oviposition behavior of the	MAGGOTS The warble fly.
Problems in monitoring DDT and its metabolites in the environment.	migrator locust (Locusta migratoria L.) caused by the salinity of the soil.	456
4889	4543	Narcissus flies.
Pesticide residues in cultivated mushrooms. 4891	Polyacrylamide gel electrophoretic analysis of	MALATHION
LINGUATULA SERRATA	the proteins of Locusta migratoria (L.) and the corresponding albino mutant.	A comparative study on the effects of aerial ver
Nymphal stage of Linguatula serrata found in	4561	sus ground spraying of poisoned baits against th Mediterranean fruit fly on the natural enemies o
mesenteric lymph node of a bovine. 4861	The progress of mitosis (orthomitosis) in the manner of endomitosis in the malpighian tubules	scale insects in citrus groves.
LIPIDS	of the locust (Locusta migratoria) (Insecta,	Specificity in insecticides
Composition of the gut contents of third-instar tsetse larvae (Glossina morsitans Westwood).	Orthoptera).	Specificity in insecticides. 450
4478	LOCUSTA MIGRATORIA MIGRATORIOIDES	Watch for the cereal leaf beetle.
Control of metabolism in the silkworm pupal ovary by the diapause hormone.	The influence of weight of newly-hatched larvae	455
4508	on the determination of the phase characteristics of the migratory locust, Locusta migratoria	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas
Nutritional requirements and artifical diets for	migratorioides (R. and F.), gregarious phase.	487
the silkworm, Bombyx mori L.	4471	MALPIGHIAN TUBES

Protecting larch logs from Tetropium velutinum Leconte with lindane emulsion.

4754

4518

4830

LIVER Choleresis in sheep.

LOGS

MALPIGHIAN TUBES

The particle lining of the plasmic membrane in connection with excretion in a specialized region of the middle intestine of higher termites.

MAMMALS					
Residues in	fish,	wildlife,	and	estuaries.	Insecti-

Residues in fish, wildlife, and estation, Texas. cide concentrations in wildlife at Presidio, Texas. 4876

Imidazole: Fungitoxic derivatives. 4902

MAMMARY GLANDS

Hormonal effect on certain glycolytic enzymes of rat mammary gland. 4831

MAMMILLARIA

Diurnal variation in some Krebs cycle enzymes in cactus (Nopalea dejecta) phylloclades.

4952

4941

MANAGEMENT

NPCA conference speakers hit PCO pricing methods.

MANDUCA SEXTA

Diapause in Apanteles congregatus. 4586

Physiological responses of insects to nicotine. 4623

Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control. 4722

MANUFACTURING COSTS

The pesticide review.

Pesticides in water, Pesticides in selected

western streams--A contribution to the national program.

MARKET DEVELOPMENT

How lan Hendrif is steering Shell International into expanding pesticide markets.

MARKETING COSTS

An inventory of market news reports for poultry.

4954

Observations on the practical use of the rapid mastitis test. 4821

MATHEMATICAL ANALYSIS

Theory of disinfectant testing.

MATING

Comparative effects of allatectomy on the activity of the male accessory glands and on the sexual behavior of two acridids: Schistocerca gregaria and Locusta migratoria (sub-species migratorioides and Razalinsk).

MATRICARIA CHAMOMILLA

Comparison of various methods for the determination of the herbicidal action of herbicide preparations against annual weeds in sugarbeets and potatoes. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

Lopidea Uhler: New species and records from Mexico and southwestern United States with Mayamiris, related new genus from Mexico (Hemiptera, Miridae).

MAZZARD CHERRIES

Form and mechanism of transmission of plant viruses. Transmission of viruses by seeds, pollen and contact of roots.

MEASUREMENT

Pesticides in people. Storage of DDT in the people of Israel. 4890

MEAT

The pale muscle problem in pigs.

4845

Experiences with culture media for the selective microbiological analysis of meatproducts. 4869

MECHANORECEPTORS

Electrophysiological evidence of the tactile func-tion of the sensillary trichia on the antenna of the Speophyes lucidulus Delarouzee (cave Coleoptera) larva.

The immobilization reflex associated with tactile stimulation of the pronotum of normal larvae of Blaberus craniifer (Burm.) and ones having Blaberus cranifier (Bullin,) and concrete received implantations of the corpora allata.

4495

MECOPROP

Finesse in weed control.

4778

MEDICAL ENTOMOLOGY Outline of Syrian parasitology.

4790

MEGACHILE ROTUNDATA
A record of Megachile rotundata (F.) from Ashcroft. British Columbia.

4358

4648

Chromosome numbers of some central European Cerambycidae. II.

MELANOSIS

A yellow mutant strain of the large milkweed bug, Oncopeltus fasciatus, that lacks erythrop-

MELATONIN

Effect of melatonin on egg production of the boll weevil, Anthonomus grandis.

Tests of nematocidal fumigants in the control of the nematodes of beets (Heterodera schachtii Schm. and Meloidogyne spp.).

MELOIDOGYNE JAVANICA Nematodes attack bananas.

4768

4766

MELOLONTHA MELOLONTHA

Experiments on the milky disease of the larva of Melolontha melolontha L.

4674

Results of field experiments carried out in 1954 and 1955 in switzerland concerning the microbial control of the larvae of Melolontha melolontha L. 4622

MELTING OUT

Fairway disease control.

MEMBRACIDAE

Six new species of Membracidae (Hemiptera: Homoptera) from South Africa.

The genus Gargara Anyot Serville (Homoptera: Membracidae) in South Africa. 4368

MENINGO-ENCEPHALITIS

The focal distribution of lesions of porcine hypernatremic eosinophilic meningo-encephalitis for diagnostic purposes.

4803

MENOPONIDAE

A new subgenus and new species of Franciscoloa conci (Mallophaga: Menoponidae).

MERCAPTO COMPOUNDS

Chemical weed control and defoliation in potato fields. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

MERODON EQUESTRIS

Narcissus flies.

4748

METABOLISM

Intermediate energy metabolism of Leptospira. 4796

Regulation of branched-chain amino acid biosynthesis in Salmonella typhimurium: Isolation of regulatory mutants.

4801

METABOLITES

Rhizosphere root exudates and their effect on microbial activity.

4662

Plant growth promoting metabolites of Sclerotinia sclerotiorum (II) The synthesis of sclerotinin B.

Pesticide residues in a marine population of double-crested cormorants. 4883

Problems in monitoring DDT and its metabolites in the environment.

4889

Structure of Klein's metabolites of aldrin and of dieldrin.

4926

METAMORPHOSIS

Teratological effects on the nymphs and adults of insects, the larvae of which have ingested sublethal doses of the thermostable toxin of Bacillus thuringiensis Berliner.

4468

The influence of weight of newly-hatched larvae on the determination of the phase characteristics of the migratory locust, Locusta migratoria migratorioides (R. and F.), gregarious phase.

4471

The influence of the corpora cardiaca on the duration of the fourth and fifth instars of Locusta migratoria L..

Action of ecdysone on the larvae of Drosophila melanogaster subjected to starvation. The existence of two pre-requisites for the formation of the puparium

4491

Inactivation of juvenile hormone like compounds in insects. 4501

Internal anatomy of the developmental stages of the twospotted spider mite.

The origin and growth of the genital disc in Drosophila melanogaster Meig. 4540

The importance of heterogeneity in the sexual attraction exercised by female Acrolepia assectella Zeller.

4587

The possibilities of regulating the labial imaginal disc in Calliphora erythrocephala Meigen. 4594

The action of different temperatures on the duration of postembryonic development and the duration between molts in adults of six species of epigeous and cave Collembola, Hypogastruridae. 4609

Transdetermination in cells.

4637

METHODOLOGY

Notes on methods for the extraction of small soil arthropods by the high gradient apparatus.

Rancho Grande (Venezuela). 2. Microhabitats

Biological observations on some sandflies (Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi Ortiz, 1959 and P. vexillarius Fairchild Heritig,

On the investigative methods of the sound characteristics of small cicadas (Homoptera-

Form and mechanism of transmission of plant viruses. Transmission of viruses by arthropods.

Comparison of various methods for the determination of the herbicidal action of herbicide preparations against annual weeds in sugarbeets and potatoes. In: Collection of reports given at

METHOXYNAPHTHALENE-(1))-4-OXOBUTYRIC ACID, 4-(4-

the International Herbicide Conference, Prague,	Toxoplasma gondii: Transmission through feces	MILK ANALYSIS
June 21-24, 1966.	in absence of Toxocara cati eggs. 4841	Bacteriostatic properties of milk from tropical countries.
Results of tests with a new corn cultivation	Therapeutic effect of SDDS (2-sulfamoyl-4,4'-	4868
technology, using a minimum of work effort and	diaminodiphenyl sulfone) on experimental tox-	MILKY DISEASE
the effectiveness of new herbicides under the conditions prevailing in the Socialist Rumanian	oplasmosis.	Experiments on the milky disease of the larva of Melolontha melolontha L.
Republic. In: Collection of reports given at the	MICRALYMMA MARINUM	Weloloithia meloloithia L.
International Herbicide Conference, Prague,	Distribution and distributional centers of North	MINERALS
June 21-24, 1966.	Atlantic insects.	Nutritional requirements and artifical diets for
Study of the selectivity of herbicides for sugar-	MICROPIOLOGY 4407	the silkworm, Bombyx mori L. 4518
beets, using laboratory, greenhouse and	MICROBIOLOGY The effects of soil sterilization procedures on the	The nourishment of milk calves is essential for
physiological methods. In: Collection of reports	microbiological equilibrium of the soil.	the future of the product.
given at the International Herbicide Conference, Prague, June 21-24, 1966.	4672	4787
4785	Experiences with culture media for the selective microbiological analysis of meatproducts.	The pesticide review.
Fluorescent antibody techniques for vesicular	4869	MIREX 4952
stomatitis virus.	MICROCLIMATE	Tolerances and exemptions from tolerances for
Pest-management concepts and control of tick	Rancho Grande (Venezuela). 2. Microhabitats	pesticide chemicals in or on raw agricultrual
paralysis in British Columbia.	of. 4595	commodities. Dodecachlorooctahydro-1,3,4-metheno-2th-cyclobuta (cd) pentalene.
4849	MICROCOCCACEAE	4882
Serum antibody to Salmonella flagellar antigens.	Experiences with culture media for the selective	MIRIDAE
I. Methods of antibody assay. 4850	microbiological analysis of meatproducts.	On Orthotylus Fieb. and Pachylops Fieb.
General method for the culture of helminths in	MICRONUTRIENTS	(Heteroptera, Miridae).
anaerobic conditions.	Feeding and nutrition of Lygus hesperus. III.	The genus Heterotoma Lepeletier and Serville,
4854	Limited growth and development on a meridic	1825 (Synonym Acroderrhis Bergroth, 1914)
An analytical method for determining arsenic in	diet. 4602	(Heteroptera, Miridae).
biological material. 4900	Effect of Spartin under dryland farming on	The identity of the British Mondsynamma Scott
METHOXYNAPHTHALENE-(1))-4-OXOBU-	Setaria italica (Beauv.).	1864 (Hem., Miridae).
TYRIC ACID, 4-(4-	MICROOP CANADA	4442
Choleresis in sheep. 4830	MICROORGANISMS New observations on the transport of in-	Lopidea Uhler: New species and records from
METHYL BROMIDE	tranuclear microorganisms, called Phi particles,	Mexico and southwestern United States with Mayamiris, related new genus from Mexico
Methyl bromide, Trizone and Telone PBC com-	by the spermatozoids in homopterous insects. 4556	(Hemiptera, Miridae).
pared in the control of fusarium wilt of the green-	Rhizosphere root exudates and their effect on	4530
house tomato.	microbial activity.	Feeding and nutrition of Lygus hesperus. III.
METHYL DEMETON	4662	Limited growth and development on a meridic diet.
Toxicity of organophosphorous insecticides ap-	Cryptogama diseases of the root system. Preven-	4602
plied as foliar spray, soil drench and seed treat- ment to Aphis gossypii Glover (Aphididae:	tion and control.	MITES
Homoptera).	The meaning and definition of biological control.	Insect and mite control on nursery stock in Ohio. 4743
4757	4742	MITOCHONDRIA
METHYL PARATHION	Problems in monitoring DDT and its metabolites	The presence of particles with the appearance of
Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas.	in the environment.	nucleocapsids associated with mitochrondrites in the cells of a hamster infected with Rous virus.
4876	MICROSCOPY	4812
Tolerances and exemptions from tolerances for	Pathological studies on pseudotuberculosis	MITOSIS
pesticide chemicals in or on raw agricultural	rodentium. III. Spontaneous swine cases.	Mitotic activity of the first embryonic stages in
commodities. Parathion or its methyl homolog. 4881	MIKIOLA FAGI	the potato beetle Leptinotarsa decemlineata Say (Coleoptera, Chrysomelidae).
METHYL-4-CHLOROPHENOXY)BUTYRIC	Regulation of growth of nurse nuclei in the	(Coleoptera, Chrysolliendae).
ACID, 4-(2-	development of egg follicles in Cecidomyiidae	Regulation of growth of nurse nuclei in the
Response of mixed crop of wheat and rape to three chlorophenoxy herbicides.	(Diptera). 4564	development of egg follicles in Cecidomyiidae
4777	MILDEW	(Diptera). 4564
METHYL-4-CHLOROPHENOXYACETIC ACID,	Wheat.	The progress of mitosis (orthomitosis) in the
Woods and their control	4691	manner of endomitosis in the malpighian tubules
Weeds and their control.	The effect of rootstocks on the transformation of some factors of the physiological immunity in	of the locust (Locusta migratoria) (Insecta, Orthoptera).
MICE	leaves of mildew-susceptible grape varieties.	4575
Virulence, adsorbability, and antigenicity of	4717	MOLDS
foot-and-mouth disease virus selected by adsorp- tion with homogenized mouse kidney.	How to prevent and remove mildew; home methods.	Bulk wheat pests can be controlled by simple
4802	4959	precautions. 4866
Toxoplasma gondii: Fecal forms separated from	MILK	Screening method for zearalenone, aflatoxin,
eggs of the nematode Toxocara cati.	The nourishment of milk calves is essential for the future of the product.	and ochratoxin.
Inhibition of the multiplication of foot-and-	the future of the product.	MOLECULAR WEIGHT
mouth virus in an adult mouse which had first	Release of sialic acid from caseins of cow and	MOLECULAR WEIGHT Structure of Klein's metabolites of aldrin and of
been treated with the adjuvant of Freude.	buffalo milk by cow and buffalo rennets.	dieldrin.
Quantitative studies on the neutralization read	Observations on the practical use of the rapid	4926
Quantitative studies on the neutralization reac- tion between African horse-sickness virus and	Observations on the practical use of the rapid mastitis test.	MOLTING (INSECTS) Electrical resistance of intact integument
antiserum.	4821	throughout the molt cycle of a cockroach.
4817	Staphylococcal intoxication of young suckling	4593
Salmonella abony-Salmonella typhimurium recombinant nonvirulent for the mouse.	whelps.	MOMPHIDAE
4822	Residues in food and feed. Chlorinated pesticide	A revision of the Cosmopterigidae of American north of Mexico, with a definition of the Mom-
Opsonins examination in the mouse after en-	residues in fluid milk and other dairy products in	phidae and Walshiidae (Lepidoptera:
dotoxin-induced resistance to infection.	the United States.	Gelechioidea).

4880

4395

4833

		NERVOUS SYSTEM
MONILIALES	мотнѕ	NARCISSUS
The reciprocal relationships in mixed cultures of entomophagous fungi and the effect of some	First records of eye-frequenting moths from Ceylon.	Narcissus flies. 4748
Hyphomycetes on their growth. 4690	MOUTH PARTS	NATURAL CONTROL (INSECTS) The biology and control of Archips occidentalis
MONOCHAMUS OREGONENSIS Wood-and-bark-feeding Coleoptera of felled	The possibilities of regulating the labial imaginal disc in Calliphora erythrocephala Meigen.	(Wals.) and Tortrix dinota Meyr. (Lepidoptera: Tortricidae) on coffee in Kenya.
spruce in interior British Columbia.	MUSCA DOMESTICA 4594	NECROSIS
MONOLINURON Chemical weed control and defoliation in potato fields. In: Collection of reports given at the Inter-	Adult emergence interval and reproduction in parasitic Hymenoptera influenced by host size and density.	Boron in plants: A biochemical role. 4912 NEMATOCIDES
national Herbicide Conference, Prague, June 21-24, 1966.	MUSCIDAE 4545	Disinfection and disinfestation of the soil. Proceedings of the international Congress on
MORDELLIDAE 4775	Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem.,	Plant Disease. Sanremo, 1-4 December 1966. 4725
Coleoptera from northeast Africa. Mordellidae. Supplement: Paraconalia n. gen. a new genus	Cicadellidae).	Tests of nematocidal fumigants in the control of the nematodes of beets (Heterodera schachtii
from South America. 64. Contribution to the knowledge of the Mordellids.	MUSCLES Remarks on the structure of insect flight muscle	Schm. and Meloidogyne spp.). 4766
MORPHOLOGY 4380	fibrils at the striation level. 4453	The role of nematodes in horticulture. 4767
Predatory behaviour of a Dolichopodid and an Ephydrid (Dipt.).	The pale muscle problem in pigs.	Fumigants and specific nematocides in the control of phytophagous nematodes.
The infrastructural marphology of Pillotina	MUSHROOMS	4769
The infrastructural morphology of Pillotina calotermitidis nov. gen., nov. sp., a Spirochaetales of the intestine of Calotermes	Pesticide residues in cultivated mushrooms. 4891 MUTATION	NEMATODE INFESTATION Experimental infection of laboratory animals with Ascaris suum.
praecox. 4513	Incorporation of tritium-acetamide and tritium-	NEMATORE VECTORS
Cytological studies of Antipodean Teleogryllus species and their hybrids (Orthoptera: Gryl-	thymidine into the eye disks of Drosophila melanogaster. 4639	NEMATODE VECTORS Form and mechanism of transmission of plant viruses. Transmission of viruses by nematodes.
lidae). 4641	Unstable multilunar modifying genes in the silk- worm, Bombyx mori. III.	NEMATODES 4729
Theory of classification of the densonucleose viruses, based on the study of molecular struc-	4646	Diazinon against plant pests.
tures and physiochemical properties.	The inheritance of a new source of resistance to the potato virus Y in pepper (Capsicum annuum L.).	4655 The viruses of the black and red currant. 4705
MORTALITY Aspects of virus multiplication and average	4713	Disinfection and disinfestation of the soil.
reduplication time for a granulosis virus of Zeiraphera diniana (Guenee).	MUTATIONS Cellular degeneration in the production of some mutant phenotypes in Drosophila melanogaster.	Proceedings of the international Congress on Plant Disease. Sanremo, 1-4 December 1966. 4725
Susceptibility of irradiated insects to Bacillus	4634	The role of nematodes in horticulture. 4767
thuringiensis infection. 4519	Regulation of branched-chain amino acid biosynthesis in Salmonella typhimurium: Isolation of regulatory mutants.	Toxoplasma gondii: Transmission through feces in absence of Toxocara cati eggs.
Information on a natural bacterial epizootic disease on Ephestia kuhniella Zeller, caused by a	4801 Isolation of conjugation-constitutive mutants of	4841
bacillus of the type of Bacillus thuringiensis. 4537	Colicin factor lb.	Thiabendazole as a broad-spectrum anthelmintic. (abstract). 4853
Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains Bacillus thuringiensis serotype U Berliner and	Cold-sensitive mutations in Salmonella typhimurium which affect ribosome synthesis.	Prevent worms to increase sheep profits. 4856
serotype. III. Anduze.	MYCETOMES 4844	For a better and more profitable technique in the application of soil fumigants.
Costing acute Mareks disease. 4828	Cytology and cytochemistry of the mycetone of Pseudococcus maritimus (Earhorn) (Homoptera	NEMATOMORPHA 4946
Insect pathogens and microbial control of insects in stored products. I. Test with Bacillus thurin-	Coccidae. 4550	The infection of immature aquatic insects by larval Paragordius (Nematomorpha).
giensis Berliner against moths. 4864	MYCOBACTERIUM TUBERCULOSIS Fatty acid composition of phosphatidyl ethanolamine of Mycobacterium tuberculosis.	NEODIPRION SERTIFER
Susceptibility of different stored-products moth larvae to Bacillus thuringiensis.	MYCOPLASMA PNEUMONIAE 4939	The use of viruses in biological control. 4458 NEODIPRION SWAINEI
Pesticide residues in a marine population of dou- ble-crested cormorants.	Effect of pH on the immunogenicity of Mycoplasma pneumoniae.	Trans-ovum transmission of insect viruses as a biological control.
4883	MYCOSPHAERELLA MUSICOLA	4600 Study of the virus disease of Neodiprion swainei
Some pathological effects of sub-acute and acute poisoning of rainbow trout by phenol in hard water.	Co-operative spraying against banana pests.	Midd. and results of its aerial dispersion. 4758
4898 MODUS	MYCOTOXINS Screening method for zearalenone, aflatoxin,	NEOPLASMS The mode of formation of intracytoplasmic
MORUS Sudden death in feeder pigs. 4816	and ochratoxin. 4928	structures in tumors induced by viruses of the avian sarcoma leucosis group.
MOSAIC	MYIASIS The myiasis fly of the African aardvark (Oryc-	NERVES 4824
The action of formamide on turnip yellow mosaic virus: Obtaining artificial capsids. 4686	teropus afer (Pallas)). 4852	Concerning the extraocular light sensitivity of the Dictyoptera: Evidence of photoreceptors as-
The action of urea on turnip yellow mosaic virus. The properties of RNA obtained at the time of	MYOFIBRILS Ultrastructural peculiarities of the myofibrils in the flight muscles of Lepidoptera.	sociated with the tegumentary nerves. 4464 Axis cylinder degeneration associated with
artificial capsid formation.	4452	ryegrass staggers in sheep and cattle.

NERVOUS SYSTEM
Observations on the ultrastructure of the parasympathetic organs of the phasmids. 4585

Axis cylinder degeneration associated with ryegrass staggers in sheep and cattle.

4825

MYRIOPHYLLUM SPICATUM
Investigation of effects of large-scale applications of 2,4-D on aquatic fauna and water quali-

4701

4704

4705

ty.

First evidences of viral infections in plants.

The viruses of the black and red currant.

NESTING HABITS

Some effects of castration on the protocerebral	NUCLEOTIDES	The presence of positive paraldehyde fuchsin
neurosecretion of the females of Polistes (Hymenoptera, Vespidae).	The biochemistry of Vibrio cholerae: Part IV. Acid soluble nucleotide constituents.	granules in the pedicle of the ovary of Pyrilla per- pusilla Walker (Insecta Homoptera Fulgo-
4601	4927	roidea).
Single unit activity in the visual pathway of the butterfly Heliconius erato. 4605	NURSERIES Insect and mitc control on nursery stock in Ohio. 4743	The influence of the genotype on the frequency of radiationinduced aneuploidy in the oogenesis
Physiological responses of insects to nicotine.	NYMPHALIDAE	of Drosophila melanogaster. V. A tentative ex-
4623	Remarks concerning the terminology of the	planation of the differences in the dose-response curves.
DDT: Sublethal effects on brook trout nervous system.	genitalia armor in the genus Argynnis (S.L.). (Lepidoptera, Nymphalidae).	4635
4892	4573	Tritium labelling and cytochemistry of extra DNA in Acheta.
NESTING HABITS	Single unit activity in the visual pathway of the butterfly Heliconius crato.	4642
Comparison of the structure and architecture of some nests of Evylaeus (Hym., Halictidae) at the	4605	OOTHECAE
cell region.	NYMPHS	Recent data on the origin of larval polymorphism at hatching in the migratory grasshopper,
MEUROENDO CRIMES	New data on accumulation of \$35 and Ru106 by	Schistocerca gregaria Forskal.
NEUROENDOCRINES The influence of the corpora cardiaca on the du-	dragonfly nymphs (Odonata). 4497	4578
ration of the fourth and fifth instars of Locusta	The nymphal instars of four lace bugs from	OPIUS Contribution to the knowledge of the hosts of the
migratoria L 4473	Czcchoslovakia. (Heteroptera, Tingidae).	genus Opius (Hymenoptera, Braconidae).
NEZARA VIRIDULA	OATS	A385
The relationship of some insects (Aphididae,	Studies on Phyllosticta blight of rice.	OPSIUS STACTOGALUS Opsius stactogalus Fieb. (Hem., Cicadellidae) in
Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform	4703	S. E. London.
emergences of Carica papaya L.	OCHRATOXIN Screening method for zcaralenone, aflatoxin,	OPSONINS 4354
4736	and ochratoxin.	Opsonins examination in the mouse after en-
NICOTINE Physiological responses of insects to nicotinc.	4928	dotoxin-induced resistance to infection.
4623	ODONATA New data on accumulation of \$35 and Ru106 by	ORCHARDS 4833
NITRATED PHENOLS	dragonfly nymphs (Odonata).	Disease control in nonbearing orchards.
Studies of phytotoxicity in the use of herbicides for controlling annual weeds in almond orchards.	4497	4699
4780	ODONTOTERMES OBESUS	Blackberry control near orchards and vegetable
NITROGEN	Termite control in rubber plantations. 4521	gardens. 4770
Fertilization of semi-mature stands in Newfoundland.	OEDEMERIDAE	ORCHIDACEAE
4652	A contribution to the knowledge of the Ceram-	Mosquito pollination of Habenaria obtusata (Orchidaceae).
Bronzing disease of rice in Orissa as influenced	bycidae and the Oedemeridae of Iran. 4394	(Oferindaceae). 4675
by soil types and manuring and its control.	OILS	ORGANIC COMPOUNDS
Imidazole: Fungitoxic derivatives.	Integrated control of the fruit-tree leaf roller,	Diazinon against plant pests. 4655
4902	Archips argyrospilus (Walker), and the eye- spotted bud moth, Spilonota ocellana (Denis and	Black stem- the second stem disease of grains.
NOCTUIDAE	Schiffermuller).	4734
Choice of resting sitc by Noctuidae (Lepidoptera).	A553	ORGANOPHOSPHATES Specificity in inserticides
4352	Problems with scald inhibitors. 4863	Specificity in insecticides. 4507
Listing of Trifid noctuidae of France and Belgi-	OLETHREUTIDAE	ORGANOPHOSPHORUS COMPOUNDS
um. 4361	A study of Phanerotoma toreutae, a parasite of	Specificity in insecticides. 4507
Zanclognatha tenuialis Rebel in France (in Al-	the pine cone moth Laspeyresia toreuta.	Watch for the cereal leaf beetle.
sace and L'Isere). (Lep. Noctuidae, Hypeninae). 4376	OLFACTORY RESPONSES	4557
Panthea coenobita Esp. in the French Jura.	Honey bee recruitment to food sources: Olfac-	Results of a study on controlling Tipula olercea
(Lepidoptera Noctuidac Pantheinae).	tion or language.	L. showing a marked resistance to some chloror- ganic insecticides.
4377	ONCOGENIC VIRUSES	4750
Lepidoptera collected in a light trap during the winter 1962/63 in Assiut, Egypt.	Research on the oncogenic constituents of three zones of hemagglutinating activity, obtained by	Persistence and movement of parathion in irrigation waters.
4413	centrifugation of polyoma virus purified in densi-	4871
Study of the phototrophism of the Noctuidae (Lepidoptera). Research on the variation of	ty gradients with cesium chloride.	Residues in fish, wildlife, and estuaries. Insecti-
behavior following the frequency of intermittent	ONCOPELTUS FASCIATUS	cide concentrations in wildlife at Presidio, Texas. 4876
monochromatic illumination.	A yellow mutant strain of the large milkweed	The determination of the amount of diazinon
NOMENCLATURE 4487	bug, Oncopeltus fasciatus, that lacks erythropterin.	residues in foodstuff by means of labeled diazinon. (Summary).
Remarks concerning the terminology of the	4645	4877
genitalia armor in the genus Argynnis (S.L.).	OODERA HOGGARENSIS	Tolerances and exemptions from tolerances for
(Lepidoptera, Nymphalidae).	New genera and species of chalcid flies (Hym., Chalcidoidea) and a new species of Foenatopus	pesticide chemicals in or on raw agricultural commodities. Parathion or its methyl homolog.
Studies on Phyllosticta blight of rice.	Smith (Hym., Ichneumonidae, Stephanidae)	4881
NOTODONTIDAE	from Hoggar.	Pesticide residues in cultivated mushrooms.
NOTODONTIDAE A comparative morphological study of the male	OOGENESIS	Some observations concerning the maximum
external genitalia of the type-species of some	The mode of action of the corpora allata in the	dosage ordinance.
South African Notodontidae (Lepidoptera). 4611	course of yolk formation in Tenebrio molitor (Coleoptera).	4897
NUCLEAR MAGNETIC RESONANCE	(Coleoptera). 4542	Proton magnetic resonance spectra of some phenyl-phosphorus compounds.
Proton magnetic resonance spectra of some	In vitro culture of the ovaries of Tencbrio moli-	4931
phenyl-phosphorus compounds. 4931	tor (Coleoptera). Growth and yolk formation. 4546	ORGANOPHOSPHORUS INSECTICIDES
NUCLEOPROTEINS	Regulation of growth of nurse nuclei in the	Toxicity of organophosphorous insecticides applied as foliar spray, soil drench and seed treat-
Polysome formation with tobacco mosaic virus RNA.	development of egg follicles in Cecidomyiidae (Diptera).	ment to Aphis gossypii Glover (Aphididae:
A709	(Diptera).	Homoptera).

4564

4757

ORNAMENTAL PLANTS Some pests of ornamental plants in Madras. 4735	PANTOTHENATE The effects of pantothenic acid, pantoyltaurine, salicylate and related compounds on the in vitro	Adult emergence interval and reproduction in parasitic Hymenoptera influenced by host size and density.
ORTHOPTERA	and in vivo growth of Trypanosoma lewisi. 4839	4545
New European Orthoptera. 4390	PAPAYAS	Contribution to the biological study of the Diptera Sarcophagidae, parasites of acridids. The
Concerning the extraocular light sensitivity of the Dictyoptera: Evidence of photoreceptors as-	The status of papaya breeding in La Molina, Peru. 4653	biological cycle of Blaesoxipha rossica Vill., in- jection of larvae in the body of the host by the female Sarcophagidae.
sociated with the tegumentary nerves.	Papaya breeding in Hawaii.	4547
Patterns and pathways of chromosome evolution within the Orthoptera.	4668 Basis for a program of papaya, Carica papaya L.,	Observations on the morpho-biology of Pnigalio mediterraneus Ferr. and Del. (Hym. Eulophidae).
4640	improvment in Colombia.	4615
ORYZAEPHILUS SURINAMENSIS Response of some stored-product insects to	4676	A study of Phanerotoma toreutae, a parasite of
Trogoderma granarium pheromones.	Inter-species and inter-genera crosses in Car- icaceas and their phytotechnical implications.	the pine cone moth Laspeyresia toreuta.
4625	4696	PARASITIC MITES 4745
OTOBIUS MEGNINI The first discovery of free-living larvae of the ear	Inoculation of Carica papaya L. with the ringspot	Ectoparasitic mites (Acarina: Parasitiformes)
tick, Otobius megnini (Duges), in British Columbia.	distortion virus under various conditions. 4733	from small mammals from the Tarnasjo and Ammarnas areas in Swedish Lapland.
4424	The relationship of some insects (Aphididae,	PARACITIC NEMATORES
OULEMA MELANOPUS Watch for the cereal leaf beetle.	Largidae, Pentatomidae, Coccinellidae and Malachiidae) to the pearlhairs or glanduliform	PARASITIC NEMATODES Larval development of a nematode parasite of
4557	emergences of Carica papaya L.	the dog circulatory system in dulcaquicoles mol- lusks.
OVARIES Control of metabolism in the silkworm pupal	PAPOVAVIRUSES	4857
ovary by the diapause hormone.	Theory of classification of the densonucleose	PARASITISM
4508	viruses, based on the study of molecular struc-	Information on a natural bacterial epizootic disease on Ephestia kuhniella Zeller, caused by a
In vitro culture of the ovaries of Tenebrio molitor (Coleoptera). The importance of the com-	tures and physiochemical properties. 4823	bacillus of the type of Bacillus thuringiensis.
position of the medium for survival, growth, and	PARACONALIA	4537
yolk formation.	Coleoptera from northeast Africa. Mordellidae.	Diapause in Apanteles congregatus. 4586
4541 In vitro culture of the ovaries of Tenebrio moli-	Supplement: Paraconalia n. gen. a new genus from South America. 64. Contribution to the	Diazinon against plant pests.
tor (Coleoptera). Growth and yolk formation.	knowledge of the Mordellids.	4655
4546	4380	The problem of the potato blackleg disease.
The importance of heterogeneity in the sexual attraction exercised by female Acrolepia assectella	PARAINFLUENZA-1 VIRUS Persistance of the genome of the Rous virus in	4697
Zeller.	hamster cells changed in vitro, and the action of	Contribution to the study of a parasitic complex which attaches itself to the exposed parts of cot-
The presence of positive paraldehyde fuchsin	inactivated Sendai virus on its transmission to chick cells.	ton plants and causes their withering.
granules in the pedicle of the ovary of Pyrilla per-	4848	The role of nematodes in horticulture.
pusilla Walker (Insecta Homoptera Fulgo- roidea).	PARAMETERS	4767
4588	A criterion of transformation for age-weight data on insect larval growth.	Axis cylinder degeneration associated with
Some effects of castration on the protocerebral	4481	ryegrass staggers in sheep and cattle. 4825
neurosecretion of the females of Polistes (Hymenoptera, Vespidae).	PARAQUAT	Pathological studies on pseudotuberculosis
4601	The dipyridillics in tomato cultures. 4914	rodentium. III. Spontaneous swine cases.
OVIPOSITION The and leving evels in the Machileides (Insects)	Part II proposed for paraquat.	Thiabendazole as a broad-spectrum anthelmin-
The egg-laying cycle in the Machiloidea (Insecta Thysanura).	4962	tic. (abstract).
4459	PARASITES Desillars	4853
Inhibition of the oviposition behavior of the migrator locust (Locusta migratoria L.) caused	Experiment on the influence of Bacilluscereus var. Galleriae and of lindane on Sitotroga	Prevent worms to increase sheep profits. 4856
by the salinity of the soil.	cerealella Oliv. and on Trichogramma cacoeciae	Host-parasite relationship. 1. Studies on the
4543	March. 4591	productivity of sheep as affected by Haemonchosis.
The effect of CCC and Amo-1618 on growth,	Outline of Syrian parasitology.	4858
catalase, peroxidase and indoleacetic acid ox-	4790	Obligatory and additional hosts of helminths.
idase activity of young barley seedlings. 4908	PARASITIC INSECTS	4859
OXIDATION	Aphidius smithi Sharma and Subba Rao (Hymenoptera: Aphidiidae) a parasite of the pea	Evaluation of the anthelmintic activity of thiabendazole in man. (abstract).
Effect of ultraviolet radiation on the oxidation of	aphid new in Southern Ontario.	4860
certain Krebs cycle substrates in Vibrio cholerae. 4930	4350	Nymphal stage of Linguatula serrata found in
OXIDES	Contribution to the knowledge of the hosts of the genus Opius (Hymenoptera, Braconidae).	mesenteric lymph node of a bovine. 4861
Proton magnetic resonance spectra of some	4385	PARASITOLOGY
phenyl-phosphorus compounds. 4931	The first discovery of free-living larvae of the ear	Outline of Syrian parasitology.
OYSTERS	tick, Otobius megnini (Duges), in British Columbia.	DADATHION
Residues in fish, wildlife, and estuaries.	4424	PARATHION Persistence and movement of parathion in irriga-
Chlorinated pesticide levels in the Eastern oyster (Crassostrea virginica) from selected areas of the	Identification of the braconid parasites of rice	tion waters.
South Atlantic and Gulf of Mexico.	borers (Hymenoptera: Braconidae).	4871 Pasidues in fish wildlife and estuaries Insecti
PAECILOMYCES 4875	New species of the genus Trachina Mg. (diptera,	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas.
The reciprocal relationships in mixed cultures of	Tachnidae), parasites of injurious Lepidoptera in	4876
entomophagous fungi and the effect of some	the Ussr.	Tolerances and exemptions from tolerances for

The introduction, release, and recovery of parasites of the alfalfa weevil in Eastern United States.

4445

4466

Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. Parathion or its methyl homolog.

4881

4891

Pesticide residues in cultivated mushrooms.

The reciprocal relationships in mixed cultures of entomophagous fungi and the effect of some Hyphomycetes on their growth.

PANICUM MAXIMUM
Studies on Phyllosticta blight of rice.

4690

PARTHENOGENESIS

A preliminary study of the extraction of parathion and Diazinon by the Mills, Onley, Gaither Acetonitrile Procedure.	PERKINSIELLA SACCHARICIDA Polymorphism in males of the sugarcane leaf- hopper, Perkinsiella saccharicida.	Pesticides in hatchery troutdifferences between species and residues levels occuring in commercial fish food.
4937	4576	4874
PARTHENOGENESIS On parthenogenic reproduction in Arammichnus	PERMEABILITY Physiological responses of insects to nicotine.	Residues in fish, wildlife, and estuaries. Chlorinated pesticide levels in the Eastern oyster
cribricollis Gyll (Insecta Coleoptera Curculionidae).	4623 PEROXIDASES	(Crassostrea virginica) from selected areas of the South Atlantic and Gulf of Mexico.
4463	Study of the selectivity of herbicides for sugar-	4875
Experimental induction of androgenesis, gynogenesis, and polyploidy in Bombyx mori by	beets, using laboratory, greenhouse and physiological methods. In: Collection of reports	Notice of filing of petition regarding pesticide chemical. 4879
treatment with CO2 gas.	given at the International Herbicide Conference, Prague, June 21-24, 1966.	Residues in food and feed. Chlorinated pesticide
PASTEURELLA PSEUDOTUBERCULOSIS	4785	residues in fluid milk and other dairy products in the United States.
Pathological studies on pseudotuberculosis rodentium. III. Spontaneous swine cases.	The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid oxidase and indoleacetic acid oxidase and indoleacetic acid oxidase and indoleacetic acid oxidase activity of toward hardeness and indoleacetic acid oxidase activity of the control of the con	4880
PATHOLOGY 4829	idase activity of young barley seedlings.	Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural
The physio-pathology of chicken caecal coc-	PEST CONTROL	commodities. Parathion or its methyl homolog.
cidiosis: Experimental study of immunogenesis,	Termite control in rubber plantations.	4881
action of specific antilymphocytic sera.	4521	Pesticide residues in a marine population of dou- ble-crested cormorants.
PEACHES	Preservative treatments and service life of fence posts in Puerto Rico.	4883
Disease control in nonbearing orchards.	4658	An evaluation of the effects of the Aedes aegypti
Pruning produces perfect, pest free peaches	Annual report of the Department of Agriculture	eradication program on wildlife in South Florida. 4884
Pruning produces perfect, pest-free peaches. 4762	for the year 1962/63. (II).	Pesticides in soil. Monitoring for chlorinated
PEARS	Disinfection and disinfestation of the soil.	hydrocarbon pesticides in soil and root crops in the Eastern States in 1965.
Diagnoses of pear decline and rootstock identifi-	Proceedings of the international Congress on	4886
cation in young pear orchards. 4687	Plant Disease. Sanremo, 1-4 December 1966.	A look at the plant pest control divison.
Disease control in nonbearing orchards.	Pest-management concepts and control of tick	4887
4699	paralysis in British Columbia.	Investigation of effects of large-scale applica- tions of 2,4-D on aquatic fauna and water quali-
PEAT	A849	ty.
A new culture method for Rhynchosciara. 4563	Bulk wheat pests can be controlled by simple precautions.	4888
PECTINASE	4866	Problems in monitoring DDT and its metabolites in the environment.
Isolation and a study of the mode of action of a	A synopsis of the pesticide problem. 4899	4889
polygalacturonase in insects (Pyrrhocoris ap-		Pesticide residues in cultivated mushrooms.
terus). 4482	Some problems of method and content in work- ing-up a forecast -demonstrated on the example	4891
PECTINOPHORA GOSSYPIELLA	of the plant protection- and pesticide manufac-	Efficiency parameters of gas chromatography columns used in pesticide residue analysis.
Circadian clock action spectrum in a	turing industry. 4957	4923
photoperiodic moth. 4465	PEST CONTROL OPERATORS	Variation of Florisil activity: Simple method for
Attack on moco cotton by pink bollworm in	NPCA conference speakers hit PCO pricing	measuring adsorbent capacity and its use in stan- dardizing Florisil columns.
Ceara. 4756	methods.	4934
PENTACHLOROPHENOL 4756	1969-Pest Control's economic forecast.	A preliminary study of the extraction of parathion and Diazinon by the Mills, Onley,
Preservative treatments and service life of fence	4951	Gaither Acetonitrile Procedure.
posts in Puerto Rico.	Our struggle against pests.	4937
Studies of phytotoxicity in the use of herbicides	PESTICIDE APPLICATION	Extraction and cleanup procedure for the gas chromatographic determination of four
for controlling annual weeds in almond orchards.	DPA for scald control.	dinitrophenolic pecticides.
4780	4715	We are solve international residue making if
PENTALONIA NIGRONERVOSA Studies on the population of the aphid Pen-	Spider mites on cotton; how to control them. 4737	We can solve international residue problem if 4956
talonia nigronervosa Coq. on banana plants in	Drench your trees against San Jose scale.	PESTICIDES
Kerala. 4752	4738	Needed: A miracle method for soil borne disease
PENTATOMIDAE	Investigation of effects of large-scale applica-	control. 4695
The use of a Heteroptera, Pentatomidae perillus	tions of 2,4-D on aquatic fauna and water quality.	Insect and mite control on nursery stock in Ohio.
bioculatus (Fabr.) in the fight against the potato	4888	4743
beetle Leptinotarsa decemlineata (Say): First results obtained in France.	A synopsis of the pesticide problem. 4899	Pesticides in water, Pesticides in selected western streamsA contribution to the national
4544 PENTOSES	For a better and more profitable technique in the	program.
PENTOSES Boron in plants: A biochemical role.	application of soil fumigants.	4870
Boron in plants: A diochemical role.	4946	Persistence and movement of parathion in irrigation waters.
PERILLUS BIOCULATUS	The practical use of aerial application. 4958	4871
The use of a Heteroptera, Pentatomidae perillus	PESTICIDE RESIDUES	Our struggle against pests. II. 4872
bioculatus (Fabr.) in the fight against the potato beetle Leptinotarsa decemlineata (Say): First	Pesticides in water, Pesticides in selected	Here we go again Pesticides under fire from
results obtained in France.	western streamsA contribution to the national	new consumer group.
PERIPLANETA AMERICANA	program. 4870	4873
The existence of inclusions which have a lamella	Persistence and movement of parathion in irriga-	Pesticides in hatchery troutdifferences between species and residues levels occuring in
ultrastructure in the nucleus of certain bacterio-	tion waters. 4871	commercial fish food.
cytes in the adipose tissue of Periplaneta americana (Insecta, Blattidae).	Our struggle against pests. II.	4874
4498	4872	Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultrual
Electrical resistance of intact integument	Here we go again Pesticides under fire from	commodities. Dodecachlorooctahydro-1,3,4-
throughout the molt cycle of a cockroach.	new consumer group.	metheno-2th-cyclobuta (cd) pentalene.

Problems in monitoring DDT and its metabolites in the environment.	PHLAEOTHRIPIDAE New records of South African Thysanoptera with	Control of metabolism in the silkworm pupal ovary by the diapause hormone. 4508
Pesticides in people. Storage of DDT in the peo-	description of a new Phlaeothripid genus. 4446	Diapause in Apanteles congregatus.
ple of Israel.	PHLEBOTOMUS Rancho Grande (Venezuela). 2. Microhabitats	4586
DDT: Sublethal effects on brook trout nervous system.	of. 4595	The influence of external factors on the anticipated elimination of the diapause of Psylla pyri (Homoptera: Psyllidae).
4892	Biological observations on some sandflies	4608
A synopsis of the pesticide problem. 4899	(Phlebotomus) of Rancho Grande (Venezuela). 3. Bionomical notes on Phlebotomus townsendi	PHOTOSYNTHESIS Boron in plants: A biochemical role.
Structure of Klein's metabolites of aldrin and of dieldrin.	Ortiz, 1959 and P. vexillarius Fairchild Heritig, 1952.	PHOTOTROPISM 4912
4926 Pesticide handbook - entoma - 1968.	PHLOEM 4396	Concerning the extraocular light sensitivity of the Dictyoptera: Evidence of photoreceptors as-
4929	Diagnoses of pear decline and rootstock identifi-	sociated with the tegumentary nerves.
How lan Hendrif is steering Shell International into expanding pesticide markets.	cation in young pear orchards. 4687	4464 Study of the phototrophism of the Noctuidae
4948	PHLYCTAENA GOSSYPII	(Lepidoptera). Research on the variation of
The pesticide review. 4952	Contribution to the study of a parasitic complex which attaches itself to the exposed parts of cot-	behavior following the frequency of intermittent monochromatic illumination.
Our struggle against pests.	ton plants and causes their withering. 4712	4487
4960	PHOMA	PHYLLOSTICTA Studies on Phyllosticta blight of rice.
Part II proposed for paraquat. 4962	Contribution to the study of a parasitic complex	4703
The law and the use of pesticides.	which attaches itself to the exposed parts of cotton plants and causes their withering.	PHYSIOLOGY Association of increased recipient ability for R
4964	4712	factors and reduced virulence among variants of
PHALARIS Zanclognatha tenuialis Rebel in France (in Al-	PHORMIA REGINA Dietary choline requirements, phospholipids and	Salmonella choleraesuis var. kunzendorf. 4819
sace and L'Isere). (Lep. Noctuidae, Hypeninae).	development in Phormia regina.	Competitive development of enzymatic activity
PHANEROTOMA TOREUTAE	PHOSPHATASES 4511	of transcriptase and replicase in the course of a viral disease in cattle.
A study of Phanerotoma toreutae, a parasite of	Esterase and phosphatase polymorphism in natu-	4837
the pine cone moth Laspeyresia toreuta.	ral population of wild silkworm, Theophila man- darina L.	PHYTOMETRA Some posts of ornamental plants in Madres
PHASMATODEA	4626	Some pests of ornamental plants in Madras. 4735
Observations on the ultrastructure of the parasympathetic organs of the phasmids.	PHOSPHATES	PHYTOPATHOLOGY The law of host agree it a belong in the agree of
4585	Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control.	The law of host-parasite balance in the process of pathogenesis and its implications in ecology.
PHENOLASES The effect of rootstocks on the transformation of	4722	4714
some factors of the physiological immunity in	PHOSPHATIDYLETHANOLAMINE Fatty acid composition of phosphatidyl	PHYTOPHTHORA Fusarium foot rot of kenaf (Hibiscus lannabinus
leaves of mildew-susceptible grape varieties. 4717	ethanolamine of Mycobacterium tuberculosis.	L.) in Iran.
PHENOLS	PHOSPHINE 4939	PHYTOPHTHORA PALMIVORA
On the role of the phenol constituents in the course of infection of the cacaopods of	Proton magnetic resonance spectra of some	The resistance of Fx and IAN rubber clones to
Theobroma cacao L. by Phytophthora palmivora Butl	phenyl-phosphorus compounds. 4931	leaf diseases in Brazil. 4693
4709	PHOSPHOADENOSINE-5'-	On the role of the phenol constituents in the
Some pathological effects of sub-acute and acute	PHOSPHOSULPHATE, 3' Studies on enzyme synthesis of cerebroside	course of infection of the cacaopods of Theobroma cacao L. by Phytophthora palmivora
poisoning of rainbow trout by phenol in hard water.	sulphate from 3'-phosphoadenosine-5'-	Butl
4898	phosphosulphate.	PHYTOPHTHORA PARASITICA 4709
Boron in plants: A biochemical role. 4912	PHOSPHOLIPIDS	Zoospore in Phytophthora parasitica var. sub-
Effects of chemical preservatives and storage on	Composition of the gut contents of third-instar tsetse larvae (Glossina morsitans Westwood).	dariffae.
constituents used to characterize lemon juice. 4940	4478	PHYTOTOXICITY
PHENOXY ACID COMPOUNDS	Dietary choline requirements, phospholipids and development in Phormia regina.	Studies of phytotoxicity in the use of herbicides for controlling annual weeds in almond orchards.
Response of mixed crop of wheat and rape to three chlorophenoxy herbicides.	4511	4780
4777	PHOSPHORUS The determination of the amount of diazinon	Study of the selectivity of herbicides for sugar- beets, using laboratory, greenhouse and
Finesse in weed control. 4778	residues in foodstuff by means of labeled	physiological methods. In: Collection of reports given at the International Herbicide Conference,
Studies of phytotoxicity in the use of herbicides	diazinon. (Summary).	Prague, June 21-24, 1966.
for controlling annual weeds in almond orchards. 4780	Imidazole: Fungitoxic derivatives.	DICEA ENCELMANNI
Weeds and their control.	NUCCENIA DIS ISOTORES	PICEA ENGELMANNI Wood-and-bark-feeding Coleoptera of felled
4782 Investigation of effects of large-scale applica-	PHOSPHORUS ISOTOPES Proton magnetic resonance spectra of some	spruce in interior British Columbia.
tions of 2,4-D on aquatic fauna and water quali-	phenyl-phosphorus compounds. 4931	PICEA GLAUCA
ty. 4888	PHOTOGRAPHY	Wood-and-bark-feeding Coleoptera of felled spruce in interior British Columbia.
PHEROMONES	The identity of Sitophilus oryzae.	4425
Specificity in insecticides. 4507	PHOTOPERIODISM 4462	PIERIDAE Some biometrics in Pieris and Colias (Lepidop-
Response of some stored-product insects to	Circadian clock action spectrum in a	tera: Pieridae) in Quebec and Nova Scotia.
Trogoderma granarium pheromones. 4625	photoperiodic moth. 4465	PIERIS BRASSICAE 4502
PHILAENUS SPUMARIUS	The cumulative effects of long photoperiods and	Teratological effects on the nymphs and adults of
The accumulation of ferritin in the nuclei and cytoplasm of certain mesenteron cells in old	the determination of the phase characteristics of the migratory grasshopper, Locusta migratoria	insects, the larvae of which have ingested sublethal doses of the thermostable toxin of
Homoptera Cercopidae.	migratorioides (R. and F.), gregarious phase.	Bacillus thuringiensis Berliner.

The cumulative effects of long photoperiods and the determination of the phase characteristics of the migratory grasshopper, Locusta migratoria migratorioides (R. and F.), gregarious phase.

4472

4730

E 11 bu sallulana mantata alantambannia	DI ANT ANATOMY	Francis d'access of house de constant de c
Evidence, by cellulose acetate electrophoresis, of a vitellogenetic protein in the hemolymph of the caphage pionid (Pieris	PLANT ANATOMY The effect of 3-amino-1,2,4-triazole on the ultractive of placetide of Tritiann valence	Fungus diseases of bermudagrass and overseeded coolseason grasses on golf greens.
the female imago of the cabbage pierid (Pieris brassicae L.).	trastructure of plastids of Triticum vulgare seedlings.	PLANT DISEASE RESISTANCE 4730
4538 Poisoning of Digris brossigns I by an enzyme	PLANT BIOCHEMISTRY 4685	Breeding work for the creation of glandless cot-
Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains	The action of formamide on turnip yellow mosa-	ton varieties in chad. 4654
Bacillus thuringiensis serotype U Berliner and serotype. III. Anduze.	ic virus: Obtaining artificial capsids. 4686	Wheat.
4560	The action of urea on turnip yellow mosaic virus.	4691 The resistance of Fx and IAN rubber clones to
Practical application of Bacillus thuringiensis. 4612	The properties of RNA obtained at the time of artificial capsid formation.	leaf diseases in Brazil.
PIERIS RAPAE	4701	4693 Inter-species and inter-genera crosses in Car-
Some biometrics in Pieris and Colias (Lepidoptera: Pieridae) in Quebec and Nova Scotia.	Studies on the application of electrophoresis to	icaceas and their phytotechnical implications.
4502	the isolation of RNA infective fractions from tobacco plants infected with the potato virus X.	Discoss control in nonhauring archards
PIGEONPEAS Pionomics of tur plume moth (Moresmarche	1. Characterisation of RNA preparations from tobacco leaves, analysed by means of elec-	Disease control in nonbearing orchards. 4699
Bionomics of tur plume moth (Marasmarcha liophanes, Meyrick) on pigeon pea (Cajanns	trophoresis in coloured agar gels.	Studies on Phyllosticta blight of rice.
cajan, Milisp).	Some observations on ecological, physiological	4703 First evidences of viral infections in plants.
PINUS	and biochemical aspects of weed control.	4704
The adaptability of Blastophagus piniperda L. (Col. Scolytidae) to various Pinus and the	4776	On the role of the phenol constituents in the course of infection of the cacaopods of
preferences of this insect in regard to these forest	Growth retardant tests on potted poinsettias. 4905	Theobroma cacao L. by Phytophthora palmivora
species.	Infection structures from rust urediospores: Ef-	Butl 4709
The important forest pests of Spain.	fect of RNA and protein synthesis inhibitors. 4907	The inheritance of a new source of resistance to
Comandra blister rust of hard pines.	Diurnal variation in some Krebs cycle enzymes in	the potato virus Y in pepper (Capsicum annuum L.).
4711	cactus (Nopalea dejecta) phylloclades. 4910	4713
PINUS BANKSIANA	Boron in plants: A biochemical role.	Inoculation of Carica papaya L. with the ringspot distortion virus under various conditions.
A study of Phancrotoma toreutae, a parasite of the pine cone moth Laspeyresia toreuta.	The determination of the embrue visibility of	4733
4745	The determination of the embryo viability of weed seeds by the TTC method.	A new gene from Rubus occidentalis L. for resistance to strains 1, 2 and 3 of the rubus aphid,
Study of the virus disease of Neodiprion swainei Midd. and results of its aerial dispersion.	A917	Amphorophora rubi Kalt.
PINIUS CONTORTA	PLANT BREEDING The status of papaya breeding in La Molina,	PLANT DISEASE TRANSMISSION 4746
PINUS CONTORTA A study of Phanerotoma toreutae, a parasite of	Peru. 4653	Form and mechanism of transmission of plant
the pine cone moth Laspeyresia toreuta.	Breeding work for the creation of glandless cot-	viruses. Transmission of viruses by seeds, pollen and contact of roots.
PINUS ECHINATA	ton varieties in chad.	4702
A study of Phanerotoma toreutae, a parasite of the pine cone moth Laspcyresia toreuta.	Research possibilities and the improvement of	The viruses of the black and red currant. 4705
4745	the carnation cultivated as a cut flower.	Annual variation in persistence and transmission
PINUS PONDEROSA Red rot in residual ponderosa pine stands on the	Papaya breeding in Hawaii.	of Hypomyces haematococcus (Berk. and Br.) Wr.
Navajo Indian Reservation.	4668	4706
PINUS RESINOSA 4663	Basis for a program of papaya, Carica papaya L., improvment in Colombia.	Form and mechanism of transmission of plant viruses. Transmission of viruses by arthropods.
A study of Phanerotoma toreutae, a parasite of	4676	4728
the pine cone moth Laspeyresia toreuta. 4745	Inter-species and inter-genera crosses in Caricaceas and their phytotechnical implications.	Form and mechanism of transmission of plant viruses. Transmission of viruses by nematodes.
PINUS TAEDA	4696	4729
A study of Phanerotoma toreutae, a parasite of the pine cone moth Laspeyresia toreuta.	Inoculation of Carica papaya L. with the ringspot distortion virus under various conditions.	Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in
4745	4733	Kerala. 4752
PINUS VIRGINIANA A study of Phanerotoma toreutae, a parasite of	Resistance of Lycopersicon species to the carmine spider mite.	PLANT DISEASES
the pine cone moth Laspeyresia toreuta.	4760	Cultivation of the sapogenin-bearing Dioscorea species.
PIPER NIGRUM	PLANT CONTAMINATION Bacterial blight elmiminated from California	4664
Biology of Gynaikothrips karnyi Bagnall, the marginal gall forming thrips of pepper.	gins.	Papaya breeding in Hawaii. 4668
4616	PLANT CUTTINGS 4724	Fairway disease control.
PISSODES APPROXIMATUS Sound production in the white-pine weevil, Pis-	Efficiency of some fungicides in the disinfection of the carnation roots.	4674
sodes strobi, and the northern pine weevil, P. ap-	4692	Experimental husbandry farm experience with herbicides and tillage systems for cereal growing.
proximatus. 4506	The dipyridillics in tomato cultures. 4914	A678
PISSODES STROBI	PLANT CYTOLOGY	Pessimism over crop diseases. 4679
Sound production in the white-pine weevil, Pissodes strobi, and the northern pine weevil, P. ap-	Respective roles of the pathogen and gall mites in the morphogenesis and histo-cytological	The effect of 3-amino-1,2,4-triazole on the ul-
proximatus. 4506	development of two Chermesidae galls. Placed in	trastructure of plastids of Triticum vulgare seedlings.
PISUM SATIVUM	evidence by the achievement of two similarly mixed galls.	4685
The influence of illumination on the develop- ment of tumors caused by Agrobacterium tu-	4753	Needed: A miracle method for soil bornc disease control.
mefaciens (Smith and Town) Conn. on pea	PLANT DISEASE CONTROL Research possibilities and the improvement of	4695 Propring disease of rice in Oriese as influenced
seedlings, Pisum sativum L 4707	the carnation cultivated as a cut flower.	Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control.
PLANIPENNIA The crystopenhyddism of the lervine of Planipen	4656 Fairway disease control.	4722
The cryptonephridism of the larvae of Planipen- nia and their variations in function with the	4674	Disinfection and disinfestation of the soil. Proceedings of the international Congress on
ecology of the Insecta.	Wheat. 4691	Plant Disease. Sanremo, 1-4 December 1966.
	.072	20

Chemical control of some important cereal plant diseases in India.	PLANT INJURIES Plant protection in agriculture.	The meaning and definition of biological contro
The role of nematodes in horticulture.	The problem of the potato blackleg disease.	A look at the plant pest control divison. 488
Our struggle against pests. II.	4697 Rust infection protects beans against heat injury.	PLANT PEST RESISTANCE The boll weevil; How to control it. Part II.
PLANT ECOLOGY	Spider mites on cotton; how to control them.	Breeding work for the creation of glandless con
The law of host-parasite balance in the process of pathogenesis and its implications in ecology.	Resistance of Lycopersicon species to the car-	ton varieties in chad. 465 The effect of rootsteeks on the transformation of
PLANT EXTRACTS A semi-synthetic diet for Eri-silkworm raising.	mine spider mite. 4760 Sex lure hoax may prove male beet wireworm's	The effect of rootstocks on the transformation of some factors of the physiological immunity is leaves of mildew-susceptible grape varieties. 471
Inoculation of Carica papaya L. with the ringspot distortion virus under various conditions.	undoing. 4765 Blackberry control near orchards and vegetable	Several measures used to combat fruit plan viruses.
4733	gardens. 4770	473 Hard-to-kill pests of fruit treeswoolly apple
PLANT GALLS Respective roles of the pathogen and gall mites in the morphogenesis and histo-cytological development of two Chermesidae galls. Placed in	PLANT METABOLISM The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid ox-	aphid. 474 Resistance of Lycopersicon species to the car mine spider mite.
evidence by the achievement of two similarly mixed galls. 4753	idase activity of young barley seedlings. 4908	476 Pruning produces perfect, pest-free peaches.
PLANT GENETICS	Boron in plants: A biochemical role. 4912	476
Breeding work for the creation of glandless cotton varieties in chad. 4654	PLANT MORPHOLOGY Morphology and mode of germination of conidia of Helminthosporium oryzae in relation to its	PLANT PESTS Plant protection in agriculture. 467
The inheritance of a new source of resistance to the potato virus Y in pepper (Capsicum annuum	taxonomy. 4657	Attack on moco cotton by pink bollworm i Ceara.
L.). 4713	Mosquito pollination of Habenaria obtusata (Orchidaceae).	PLANT PHYSIOLOGICAL DISEASES 475
PLANT GEOGRAPHY Preliminary observations on the choice of host	4675 Studies on Phyllosticta blight of rice.	DPA for scald control. 471
plants by adults of the citrus psylla, Trioza erypreae (Del Guercio) (Homoptera: Psyllidae).	4703 Respective roles of the pathogen and gall mites	PLANT PHYSIOLOGY Research possibilities and the improvement of
DI ANT CROWTH INHIBITORS	in the morphogenesis and histo-cytological	the carnation cultivated as a cut flower. 465
PLANT GROWTH INHIBITORS Gibberellin delays ripening of tomatoes. 4906	development of two Chermesidae galls. Placed in evidence by the achievement of two similarly mixed galls.	Rhizosphere root exudates and their effect of microbial activity.
Studies on the effect of growth regulators on pol- len germination and tube growth in shoe flower	4753 Diurnal variation in some Krebs cycle enzymes in	466. Cultivation of the sapogenin-bearing Dioscore
(Hibiscus Rosasinensis L.).	cactus (Nopalea dejecta) phylloclades. 4910	species.
PLANT GROWTH REGULATOR	PLANT NEMATODE RESISTANCE	Zoospore in Phytophthora parasitica var. sub dariffae.
Plant growth promoting metabolites of Sclerotinia sclerotiorum (II) The synthesis of sclerotinin B.	The role of nematodes in horticulture. 4767 PLANT NEMATODES	4660 Plant growth promoting metabolites o
4673	The status of papaya breeding in La Molina,	Sclerotinia sclerotiorum (II) The synthesis o sclerotinin B.
PLANT HARDINESS Red rot in residual ponderosa pine stands on the	Peru. 4653	467.
Navajo Indian Reservation. 4663	Plant protection in agriculture. 4670	The use of growth promoters to increase potate yields.
Cultivation of the sapogenin-bearing Dioscorea species.	Narcissus flies. 4748	Physiological studies on incitants of guava wil
4664 Rust infection protects beans against heat injury.	Domestic quarantine notices. Soybean cyst nematode. Quarantine and regulations.	Fusarium solani (Mart.) App. and Wr. emend Snyder and Hansen and Macrophomina phaseol (Maubl.) Ashby.
PLANT HISTOLOGY	4764 Tests of nematocidal fumigants in the control of	4688
Respective roles of the pathogen and gall mites in the morphogenesis and histo-cytological	the nematodes of beets (Heterodera schachtii Schm. and Meloidogyne spp.).	The reciprocal relationships in mixed cultures of entomorphagous fungi and the effect of some Hyphomycetes on their growth.
development of two Chermesidae galls. Placed in evidence by the achievement of two similarly	4766 Nematodes attack bananas.	Black spot of apple.
mixed galls. 4753	4768	4700
PLANT HORMONES	Fumigants and specific nematocides in the control of phytophagous nematodes.	Studies on Phyllosticta blight of rice. 470.
Some experiments on polarity of IAA-2-C14 transport in Helianthus annuus seedlings.	PLANT NUTRITION	The effect of rootstocks on the transformation o some factors of the physiological immunity in
Gibberellins as plant hormones.	Rhizosphere root exudates and their effect on microbial activity.	leaves of mildew-susceptible grape varieties. 4717
PLANT HOSTS	Possibilities of limiting tillage measures in potato	Some observations on ecological, physiologica and biochemical aspects of weed control.
Zanclognatha tenuialis Rebel in France (in Alsace and L'Isere). (Lep. Noctuidae, Hypeninae). 4376	cultures when using herbicides. In: Collection of reports given at the International Herbicide Con-	4776 Response of mixed crop of wheat and rape to
Host range of Xanthomonas oryzae in the Philippines.	ference, Prague, June 21-24, 1966. 4773 Trials with carbon dioxide, light and growth sub-	three chlorophenoxy herbicides. 4777 Notice of filing of petition regarding pesticide
4689	stances on forest tree plants.	chemical.
Black stem- the second stem disease of grains. 4734	Boron in plants: A biochemical role.	Some experiments on polarity of IAA-2-C14
Study of the dependence of the population dynamic of the apple moth (Carpocapsa pomonella L.) on the fruit yield of the hostplant.	PLANT PEST CONTROL Spider mites on cotton; how to control them.	transport in Helianthus annuus seedlings. 4903 Growth retardant tests on potted poinsettias.
4755	4737	4905

PLODIA INTERPUNCTELLA

PLANT REGULATORS

PLANT PROTECTION

Gibberellin delays ripening of tomatoes.

4906	The use of growth promoters to increase potato vields.	Insect pathogens and microbial control of insects in stored products. I. Test with Bacillus thurin-
The effect of CCC and Amo-1618 on growth, catalase, peroxidase and indoleacetic acid ox-	4677	giensis Berliner against moths.
idase activity of young barley seedlings.	Growth retardant tests on potted poinsettias. 4905	4864 Susceptibility of different stored-products moth
Trials with carbon dioxide, light and growth sub-	Gibberellin delays ripening of tomatoes.	larvae to Bacillus thuringiensis. 4867
stances on forest tree plants.	4906 The effect of CCC and Amo-1618 on growth,	PLUMS
Ribonucleic acids in crown-gall bacteria,	catalase, peroxidase and indoleacetic acid oxidase activity of young barley seedlings.	Disease control in nonbearing orchards.
Agrobacterium tumefaciens (Smith and Town), treated with sodium borate.	4908	PLUSIA PARILIS
4911	Effect of foliar sprays of plant regulators (IAA	Distribution and distributional centers of North Atlantic insects.
The dipyridillics in tomato cultures. 4914	and GA) on the growth and yield of Knol Khol (Brassica oleracea Linn. var. gongylodes).	4407
Germination of Russian thistle seeds.	4918 Effect of gibberellic acid on the fruit-set, and	PNEUMONIA Respiratory disease in the pig. II.
4916 Effect of foliar sprays of plant regulators (IAA	partheno-carpic development of fruit in Bhokri	4798
and GA) on the growth and yield of Knol Khol	grapes. (Vitis vinifera L). 4919	Staphylococcal intoxication of young suckling whelps.
(Brassica oleracea Linn. var. gongylodes).	Studies on the effect of growth regulators on pol-	DNICALIO MEDITERRANEUS
Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri	len germination and tube growth in shoe flower (Hibiscus Rosasinensis L.). 4920	PNIGALIO MEDITERRANEUS Observations on the morpho-biology of Pnigalio mediterraneus Ferr. and Del. (Hym. Eulo-
grapes. (Vitis vinifera L).	PLANT RESPIRATION	phidae).
Studies on the effect of growth regulators on pol-	Study of the selectivity of herbicides for sugar- beets, using laboratory, greenhouse and	POA ANNUA
len germination and tube growth in shoe flower (Hibiscus Rosasinensis L.).	physiological methods. In: Collection of reports	Finesse in weed control.
4920	given at the International Herbicide Conference, Prague, June 21-24, 1966.	PODAGRICA
PLANT PROTECTION	4785	Breeding work for the creation of glandless cotton varieties in chad.
Plant protection in agriculture. 4670	PLANT TAXONOMY Morphology and mode of germination of conidia	4654
Co-operative spraying against banana pests.	of Helminthosporium oryzae in relation to its	POISONING
4683	taxonomy. 4657	A comparative study on the effects of aerial versus ground spraying of poisoned baits against the
The problem of the potato blackleg disease. 4697	Studies on Phyllosticta blight of rice. 4703	Mediterranean fruit fly on the natural enemies of scale insects in citrus groves.
1967 field trials on control of coffee berry dis-	PLANT TRANSLOCATION	4454
ease in Kenya. IV. 4698	Some experiments on polarity of IAA-2-C14	Poisoning of Pieris brassicae L. by an enzyme fraction of the toxin of the crystals of the strains
Sugar beet crop protected through aerial application.	transport in Helianthus annuus seedlings.	Bacillus thuringiensis serotype U Berliner and serotype. III. Anduze.
4721	PLANT WATER RELATIONS Irrigation by spraying.	4560
Chemical control of some important cereal plant diseases in India.	4659	Search for new insecticides. 4893
diseases in India.	PLANTATIONS Termite control in rubber plantations.	Some pathological effects of sub-acute and acute
Rust infection protects beans against heat injury. 4732	4521	poisoning of rainbow trout by phenol in hard water.
Control of date palm leafhoppers in Iraq by aeri-	Notes on insect and gastropode damage to en- closed cotton plantations.	4898
al spraying.	4671	POISONS Part II proposed for paraquat.
Narcissus flies.	PLANTING Cultivation of the sapogenin-bearing Dioscorea	4962
4748	species.	POLARIZATION Some experiments on polarity of IAA-2-C14
Sex lure hoax may prove male beet wireworm's	4664 Plant and profit in '68.	transport in Helianthus annuus seedlings.
undoing.	4963	POLISTES 4903
Nematodes attack bananas.	PLANTS	Some effects of castration on the protocerebral
4768	Contribution to the knowledge of the hosts of the genus Opius (Hymenoptera, Braconidae).	neurosecretion of the females of Polistes (Hymenoptera, Vespidae).
Problems with scald inhibitors. 4863	4385	4601
Our struggle against pests. II.	The machinery generally used for efficient sterilization and disinfestation of the soil.	Form and mechanism of transmission of plant
4872	DI ASMA MEMBRANE	viruses. Transmission of viruses by seeds, pollen and contact of roots.
Trials with carbon dioxide, light and growth substances on forest tree plants.	PLASMA MEMBRANE The particle lining of the plasmic membrane in	4702
Some problems of method and content in work-	connection with excretion in a specialized region of the middle intestine of higher termites.	POLLEN TUBE Studies on the effect of growth regulators on pol-
ing-up a forecast -demonstrated on the example	4574	len germination and tube growth in shoe flower (Hibiscus Rosasinensis L.).
of the plant protection- and pesticide manufac- turing industry.	Oxidative enzymes in Escherichia coli plasma membrane.	(Hibiscus Rosasiliensis L.).
4957	4792	POLLINATION A record of Magachile retundate (F.) from Ash
The law and the use of pesticides. 4964	PLASTICS Trials with carbon dioxide, light and growth sub-	A record of Megachile rotundata (F.) from Ashcroft. British Columbia.
PLANT PROTECTIVE DEVICES	stances on forest tree plants.	4358
Spider mites on cotton; how to control them.	PLASTIDS 4909	Mosquito pollination of Habenaria obtusata (Orchidaceae).
PLANT PROTEINS	The effect of 3-amino-1,2,4-triazole on the ul-	4675
Wheat.	trastructure of plastids of Triticum vulgare seedlings.	POLYGUANYLIC ACID Polyguanylic acid and its effect on amino acid in-
DI ANTE OLIA DANIZINE	4685	corporation.
PLANT QUARANTINE Domestic quarantine notices. Soybean cyst ne-	PLECOPTERA The Plecoptera of a headwater stream (Gaitscale	POLYHEDROSES 4925
matode. Quarantine and regulations.	Gill, English Lake District).	The use of viruses in biological control.

4569

4458

The problem of viral latency in insect tissue cultures.	POPULATION STATISTICS Biology and control of native and introduced	Studies on the treatment and prophylaxis of Sal- monella pullorum infection in chicks with chloromycetin.
	forest insects in the Nearctic Zone.	4820
A preliminary study on the polyhedrosis virus of jute semilooper, Anomis sabulifera Guen.	POPULUS	POWDERY MILDEW
4516	The important forest pests of Spain.	Disease control in nonbearing orchards.
Electron microscope study of the virus of the	4660	4699
granulosis of the fall webworm (Hyphantria	PORPHYRINS	PRECIPITIN TEST
cunea Drury).	Problems in monitoring DDT and its metabolites	Serum antibody to Salmonella flagellar antigens.
4613	in the environment.	I. Methods of antibody assay.
Study of the virus disease of Neodiprion swainei	4889	4850
Midd. and results of its aerial dispersion.	POTASH	PREDACEOUS INSECTS
4758	Role of potash application in reducing black rust	Coenosia lineatipes Zett. (Dipt., Muscidae)
POLYMORPHISM	of wheat.	preying on Typhlocyba cruenta H. S. (Hem.,
Polymorphism in males of the sugarcane leaf-	4680	Cicadellidae).
hopper, Perkinsiella saccharicida.	Bronzing disease of rice in Orissa as influenced	4448
	by soil types and manuring and its control.	Predatory behaviour of a Dolichopodid and an
Recent data on the origin of larval polymorphism at hatching in the migratory grasshopper,	4722	Ephydrid (Dipt.).
Schistocerca gregaria Forskal.	POTASSIUM	4449
4578	Role of potash application in reducing black rust	Fauna of the predator bugs (Hemiptera-Heterop-
Esterase and phosphatase polymorphism in natu-	of wheat. 4680	tera) occurring on apple trees in the district of
ral population of wild silkworm, Theophila man-		Poznan. 4532
darina L.	POTASSIUM SORBATE Effects of chemical preservatives and storage on	
4626	constituents used to characterize lemon juice.	Investigations of fauna overwintering in or under
Parallel polymorphism for supernumerary seg-	4940	the bark of apple trees. Part II. Studies on Arachnida.
ments in Chorthippus parallelus (Zetterstedt). I.	POTATOES	4534
British populations. 4638	The use of a Heteroptera, Pentatomidae perillus	The use of a Heteroptera, Pentatomidae perillus
	bioculatus (Fabr.) in the fight against the potato	bioculatus (Fabr.) in the fight against the potato
Cytological studies of Antipodean Teleogryllus	beetle Leptinotarsa decemlineata (Say): First	beetle Leptinotarsa decemlineata (Say): First
species and their hybrids (Orthoptera: Gryllidae).	results obtained in France.	results obtained in France.
4641	4544	4544
Barriers to gene flow in natural populations of	The use of growth promoters to increase potato	Predatory activity of Luciola cruciata (Olivier,
grasshoppers. I. The Black Canyon of the Gun-	yields.	1886) (Coleoptera: Lampyridae) larvae on
nison River and Arphia conspersa.	4677	newly hatched Biomphalaria glabrata.
4650	New fungicide for potato blight.	4558
POLYOMA VIRUS	4684	Biology of wasps of the tribe Cercerini, with a list
Research on the oncogenic constituents of three	The problem of the potato blackleg disease.	of the Coleoptera used as prey.
zones of hemagglutinating activity, obtained by	4697	4597
centrifugation of polyoma virus purified in densi- ty gradients with cesium chloride.	Studies on the application of electrophoresis to	Biology of Gynaikothrips karnyi Bagnall, the
ty gradients with cesium emoride.	the isolation of RNA infective fractions from	marginal gall forming thrips of pepper. 4616
POLYPLOIDY	tobacco plants infected with the potato virus X. I. Characterisation of RNA preparations from	
The influence of the genotype on the frequency	tobacco leaves, analysed by means of elec-	PREDACEOUS NEMATODES
of radiationinduced aneuploidy in the oogenesis	trophoresis in coloured agar gels.	The role of nematodes in horticulture.
of Drosophila melanogaster. V. A tentative ex-	4710	
planation of the differences in the dose-response	Sex lure hoax may prove male beet wireworm's	PREDATORY BIRDS Are woodpeckers the answer to pine bark beetle
curves. 4635	undoing.	attacks.
Experimental induction of androgenesis,	4765	4450
gynogenesis, and polyploidy in Bombyx mori by	Test results with patoran.	PRICE CONTROL
treatment with CO2 gas.	4772	NPCA conference speakers hit PCO pricing
4647	Possibilities of limiting tillage measures in potato	methods.
POPULATION	cultures when using herbicides. In: Collection of	4949
Are woodpeckers the answer to pine bark beetle	reports given at the International Herbicide Conference, Prague, June 21-24, 1966.	PRODENIA LITURA
attacks.	4773	Notes on insect and gastropode damage to en-
4450	Comparison of various methods for the deter-	closed cotton plantations.
A criterion of transformation for age-weight data	mination of the herbicidal action of herbicide	4671
on insect larval growth.	preparations against annual weeds in sugarbeets	PRODUCTIVITY
	and potatoes. In: Collection of reports given at	Host-parasite relationship. 1. Studies on the
Esterase and phosphatase polymorphism in natural population of wild silkworm, Theophila man-	the International Herbicide Conference, Prague,	productivity of sheep as affected by Haemoncho-
darina L.	June 21-24, 1966.	sis. 4858
4626	4774	
Parallel polymorphism for supernumerary seg-	Chemical weed control and defoliation in potato	PROFITS Prevent worms to increase sheep profits.
ments in Chorthippus parallelus (Zetterstedt). I.	fields. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-	4856
British populations.	24, 1966.	
4638	4775	PROLINE Nutrition of the silkworm, Bombyx mori. XVI.
Barriers to gene flow in natural populations of	Weed control in potato cultures without adverse	Quantitative requirements for essential amino
grasshoppers. I. The Black Canyon of the Gun-	effects on the potato quality.	acids.
nison River and Arphia conspersa.	4781	4451
The effects of soil sterilization procedures on the	POULTRY	PROMETRYNE
microbiological equilibrium of the soil.	Thermoresistant Clostridium perfringens of the	Studies on chemical weed control with fodder
4672	A type in poultry.	kale.
Cryptogama diseases of the root system. Preven-	4807	4771
tion and control.	An inventory of market news reports for poultry.	PROPARGYL BROMIDE
4681	A954	Methyl bromide, Trizone and Telone PBC com-
Studies on the population of the aphid Pen-	POULTRY DISEASES The American Ethopshate combination A	pared in the control of fusarium wilt of the green- house tomato.
talonia nigronervosa Coq. on banana plants in	The Amprolium-Ethopabate combination. A new stage in the prevention of avian coccidiosis.	nouse tomato.
Kerala. 4752	4720	PROPAZINE
Biological control of snails exerted by Euglan-	Thermoresistant Clostridium perfringens of the	Studies on chemical weed control with fodder
dina rosea (Ferussac) in Bermuda.	A type in poultry.	kale.

Thermoresistant Clostridium perfringens of the A type in poultry.

4807

Biological control of snails exerted by Euglandina rosea (Ferussac) in Bermuda.

PROSIMULIUM HIRTIPES

PROSIMULIUM HIRTIPES Contributions to the (Diptera, Simuliidae) fauna	PSEUDOMONAS AERUGINOSA The nature of pathogenicity of Pseudomonas	given at the International Herbicide Conference, Prague, June 21-24, 1966.
of Austria. III. The fauna of the valley of the	aeruginosa for Galleria mellonella.	4785
YBBS. 4851	455I	PYRETHRUM
PROTECTIVE CLOTHING	PSEUDOMONAS PHASEOLICOLA Seed contamination in transmission of halo	Specificity in insecticides. 4507
Spider mites on cotton; how to control them.	blight in beans.	PYRILLA PERPUSILLA
4737	4694	The presence of positive paraldehyde fuchsin
PROTEIN HYDROLYSATES	PSEUDORABIES Respiratory disease in the pig. II.	granules in the pedicle of the ovary of Pyrilla per-
A comparative study on the effects of aerial versus ground spraying of poisoned baits against the	Kespiratory disease in the pig. ii.	pusilla Walker (Insecta Homoptera Fulgo- roidea).
Mediterranean fruit fly on the natural enemies of	PSEUDOTUBERCULOSIS	4588
scale insects in citrus groves.	Pathological studies on pseudotuberculosis	PYRRHOCORIS APTERUS
PROTEIN SYNTHESIS	rodentium. III. Spontaneous swine cases.	lsolation and a study of the mode of action of a polygalacturonase in insects (Pyrrhocoris ap-
Cold-sensitive mutations in Salmonella typhimu-	PSYLLA PYRICOLA	terus).
rium which affect ribosome synthesis.	The influence of external factors on the an-	4482
PROTEINS 4844	ticipated elimination of the diapause of Psylla pyri (Homoptera: Psyllidae).	QUANTITATIVE ANALYSIS
Evidence, by cellulose acetate electrophoresis,	4608	Nutritional requirements and artifical diets for the silkworm, Bombyx mori L.
of a vitellogenetic protein in the hemolymph of	PSYLLIDAE	4518
the female imago of the cabbage pierid (Pieris brassicac L.).	A new genus and species of Psyllidae (Homoptera) from South Africa.	Residues in fish, wildlife, and estuaries.
4538	4367	Chlorinated pesticide levels in the Eastern oyster
Polyacrylamide gel electrophoretic analysis of	Preliminary observations on the choice of host	(Crassostrea virginica) from selected areas of the South Atlantic and Gulf of Mexico.
the proteins of Locusta migratoria (L.) and the	plants by adults of the citrus psylla, Trioza	4875
corresponding albino mutant. 4561	erypreae (Del Guercio) (Homoptera: Psyllidae). 4749	Residues in food and feed. Chlorinated pesticide
Intraspecific qualitative and quantitative varia-	PTERIDINE	residues in fluid milk and other dairy products in the United States.
tions of the hemolymph proteins of	A yellow mutant strain of the large milkweed	4880
Cophopodisma pyrenae (Fisch.), (Orthoptera, Catantopidae) as a function of biogeographic	bug, Oncopeltus fasciatus, that lacks erythropterin.	QUERCUS
arca.	4645	The important forest pests of Spain. 4660
4562	PTEROSTICHUS	RABBITS
Protective action of the encephalitogen and other basic proteins in experimental allergic en-	Prothetely in Carabidae of the genus Pterostichus.	Ultrastructure of homogeneous bodies and cellu-
cephalomyelitis.	4577	lar bodies during the course of rickettsial infec-
4808	PUBLIC HEALTH	tions
The pale muscle problem in pigs. 4845	Our struggle against pests. 4960	Experimental infection of laboratory animals
Infection structures from rust urediospores: Ef-	PUBLIC RELATIONS	with Ascaris suum.
fect of RNA and protein synthesis inhibitors.	1969-Pest Control's economic forecast.	4855
4907	4951	RABIES The reappearance of rabies in France. First case
PROTOZOA	Our struggle against pests.	in a fox in Moselle.
Information on a natural bacterial epizootic discase on Ephestia kuhniella Zeller, caused by a	4960 PUCCINIA GRAMINIS TRITICI	4793
bacillus of the type of Bacillus thuringiensis.	Role of potash application in reducing black rust	RABIES VIRUS The role of interferon in the interference
4537	of wheat.	phenomenon between vaccinia virus and fixed
Crithidia mellificae n. sp. an acidophilic trypanosomatid of the honey bee Apis mellifera.	4680	rabies virus.
4539	Infection structures from rust urediospores: Effect of RNA and protein synthesis inhibitors.	4847
Toxoplasma gondii: Fecal forms separated from	4907	RADIATION Effect of ionizing radiation on Dacus zonatus
eggs of the nematode Toxocara cati. 4811	PUPAE	fruit fly eggs and larvae in situ.
Toxoplasma gondii: Transmission through feces	Taxonomic notes on the larva of British Diptera. no. 25, The larva and pupa of Dioctria rufipes	4505
in absence of Toxocara cati eggs.	(Degeer) (Asilidae).	Data in evidence of a retardation of development of Drosophila melanogaster by a reduction in the
4841	4363	natural environmental radiation.
PROTOZOAL VACCINES The Amprolium-Ethopabate combination. A	Control of metabolism in the silkworm pupal ovary by the diapause hormone.	4582
new stage in the prevention of avian coccidiosis.	4508	RADIOACTIVE TRACERS
4720	An action of insect hormones on carbohydrate	The influence of the brood comb on food exchange between honeybee workers (Apis mel-
PRUNING Pruning produces perfect, pest-free peaches.	metabolism in insects.	lifera).
4762	PUPAL CASES	4486
PRUNUS CAROLINIANA	Nutrition of the silkworm, Bombyx mori. XVII.	Cytoplasmic particles carrying rapidly labeled RNA in developing insect epidermis.
Use of cherry-laurel foliage for preparation of an	Effect of dietary levels of amino acids on growth of fifth-instar larvae and on cocoon quality.	4523
effective insect-killing jar. 4504	4517	Tritium labelling and cytochemistry of extra
PSEUDOCOCCUS	PYRALIDAE	DNA in Acheta.
Notes on insect and gastropode damage to en-	First records of eye-frequenting moths from Ceylon.	Chromosome replication in Salmonella typhimu-
closed cotton plantations. 4671	4365	rium.
PSEUDOCOCCUS MARITIMUS	Lepidoptera collected in a light trap during the	4805
Cytology and cytochemistry of the mycetone of	winter 1962/63 in Assiut, Egypt. 4413	RADIOACTIVITY An action of insect hormones on carbohydrate
Pseudococcus maritimus (Earhorn) (Homoptera Coccidae.	Apomyelois bistriatella: A moth which feeds in	metabolism in insects.
4550	an ascomycete fungus (Lepidoptera: Pyralidae).	4531
PSEUDOMONADACEAE	4583 Don't take lightly these brinish borns	Intestinal transport and metabolism of D-amino acids in the silkworm, Bombyx mori L.
Experiences with culture media for the selective microbiological analysis of meatproducts.	Don't take lightly these brinjal borers. 4759	4599

Study of the selectivity of herbicides for sugar-beets, using laboratory, greenhouse and physiological methods. In: Collection of reports

4869

4922

Tricarboxylic acid cycle activity in a pscu-

domonad.

A preliminary study of the extraction of parathion and Diazinon by the Mills, Onley, Gaither Acetonitrile Procedure.

RADIOBIOLOGY

Action of natural ionizing radiations on reproduction in the metazoa: Research on Drosophila melanogaster.

RADIOISOTOPES

Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay.

Community studies on Hymcnoptera found on Brassica napus. Part IV. Aculeata.

4567

Response of mixed crop of wheat and rape to three chlorophenoxy herbicides. 4777

RASPBERRIES

A new gene from Rubus occidentalis L. for rcsistance to strains 1, 2 and 3 of the rubus aphid, Amphorophora rubi Kalt.

4746

Experimental transmission of plague by Synopsyllus fonquerniei of Madagascar.

4800

Hormonal effect on certain glycolytic enzymes of rat mammary gland.

The effects of pantothenic acid, pantoyltaurine, salicylate and related compounds on the in vitro and in vivo growth of Trypanosoma lewisi.

Structure of Klein's metabolites of aldrin and of

dieldrin. 4926

RED ROT

Red rot in residual ponderosa pine stands on the Navajo Indian Reservation.

4663

REDPEPPERS (VEGETABLE)

The inheritance of a new source of resistance to the potato virus Y in pepper (Capsicum annuum

Screening method for zearalenone, aflatoxin, and ochratoxin.

4928

REGIONS

EGIONS
An inventory of market news reports for poultry.
4954

REGRESSION ANALYSIS

Caterpillar size and the dosage of Bacillus thuringiensis preparations.

REGULATION (PESTICIDES)

Tolerances and exemptions from tolerances for posticide chemicals in or on 14w agreed commodities. Parathion or its methyl homolog.

4881 pesticide chemicals in or on raw agricultural

REGULATIONS

Part II proposed for paraquat. 4962

REPORTS

Collection of reports given at the International Herbicide Conference. Prague, Czechoslovakia, 21-24 June 1966.

REPRODUCTION

Study of the multiplication of Sindbis arbovirus in Drosophila.

Adult emergence interval and reproduction in parasitic Hymenoptera influenced by host size and density.

Effect of melatonin on egg production of the boll weevil, Anthonomus grandis. 4571

Virus multiplication. 4614

Seasonal changes in the direction of mating in Drosophila melanogaster in the experiments with a natural inversion. 4636 Study of the multiplication, in a unique clone cyclc, of classic swine fever virus in an immunofluorescent medium.

Inhibition of the multiplication of foot-andmouth virus in an adult mouse which had first been treated with the adjuvant of Freude.

4814

Pesticide residues in a marine population of double-crested cormorants.

On the influence of cffluent of the starch factory upon the Yubetsu River and the Shokotsu river, and of effluent of the best factory upon the benthic animals in the Abashiri River (Hokkaido). 4955

REPRODUCTIVE ORGANS

Contribution to the systematics and zoogeography of Halticinae (Col.) in the Canary Islands.

Comparative effects of allatectomy on the activity of the male accessory glands and on the sexual behavior of two acridids: Schistocerca gregaria and Locusta migratoria (sub-species migratorioides and Razalinsk).

4470

The origin and growth of the genital disc in Drosophila melanogaster Meig.

Evidence of a modified ovarian region in the hair glands of the Coleopteron, Hydrophilidae. Comparative anatomic data.

Remarks concerning the terminology of the genitalia armor in the genus Argynnis (S.L.). (Lepidoptera, Nymphalidae).

A comparative morphological study of the male external genitalia of the type-species of some South African Notodontidae (Lepidoptera).

4611

An autoradiographic study of invertebrate uptake of DDT-CL36.

4618

Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas.

RESEARCH

Choice of resting site by Noctuidae (Lepidop-

Opsius stactogalus Fieb. (Hem., Cicadellidae) in

S. E. London.

Predatory behaviour of a Dolichopodid and an

Ephydrid (Dipt.). 4449

The occurrence of Theognis occidentalis in the Midwestern United States (Heteroptera: Coreidae).

On the investigative methods of the sound characteristics of small cicadas (Homoptera-Cicadina).

4603

Preservative treatments and service life of fence posts in Puerto Rico.

4658

Red rot in residual ponderosa pine stands on the Navajo Indian Reservation.

4663

Needed: A miracle method for soil borne disease control. 4695

ease in Kenya. I.-V.

1967 field trials on control of coffee berry dis-

Studies on the application of electrophoresis to the isolation of RNA infective fractions from tobacco plants infected with the potato virus X. I. Characterisation of RNA preparations from tobacco leaves, analysed by means of electrophoresis in coloured agar gels.

Weed control studies in strawberries.

Studies on enzyme synthesis of cerebroside sulphate from 3'-phosphoadenosine-5'phosphosulphate.

Studies of serum enzymes in swine infected by two strains of hog cholera virus.

Our struggle against pests. II.

4804 4872

Pesticides in hatchery trout---differences between species and residues levels occuring in commercial fish food. 4874

Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876

An evaluation of the effects of the Aedes aegypti eradication program on wildlife in South Florida. 4884

Search for new insecticides.

4893

A synopsis of the pesticide problem.

4899 4941

Theory of disinfectant testing.

How Ian Hendrif is steering Shell International into expanding pesticide markets.

On the influence of effluent of the starch factory

upon the Yubetsu River and the Shokotsu river, and of effluent of the best factory upon the benthic animals in the Abashiri River (Hokkaido). 4955

Our struggle against pests.

4960

RESERVOIRS

Investigation of effects of large-scale applications of 2,4-D on aquatic fauna and water quality.

4888

RESIDUES

Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876

Some observations concerning the maximum dosage ordinance.

An analytical method for determining arsenic in biological material. 4900

The dipyridillics in tomato cultures.

4914

4897

RESISTANCE

Electrical resistance of intact integument throughout the molt cycle of a cockroach. 4593

Effect of high temperatures on the resistance of insects to infectious diseases.

The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France.

Thermoresistant Clostridium perfringens of the

A type in poultry. A tidal rhythm in the susceptibility of Fundulus

similis to sodium chloride and endrin.

4896

Some biochemical changes taking place in the course of the transformation of streptomycin resistance in streptococci.

RESPIRATORY DISEASES

Respiratory disease in the pig. II.

4798

Plant growth promoting metabolites of Sclerotinia sclerotiorum (II) The synthesis of sclerotinin B.

Host range of Xanthomonas oryzae in the Philip-

RUST

RUTACEAE

4689

US I
Rust infection protects beans against heat injury.
4732

Infection structures from rust urediospores: Effect of RNA and protein synthesis inhibitors.

4907

RESPIRATORY SYSTEM

REVIEWS

RESPIRATORY SYSTEM

The entomological year 1966.

Changes in fungi with age. iv. Role of coenzymes in the respiratory decreases in Rhizoctonia solani and Sclerotium bataticola.

4440

4669

4351	Studies on Phyllosticta blight of rice.	Preliminary observations on the choice of host
Form and mechanism of transmission of plant	4703	plants by adults of the citrus psylla, Trioza
viruses. Transmission of viruses by arthropods.	Bronzing disease of rice in Orissa as influenced	erypreae (Del Guercio) (Homoptera: Psyllidae). 4749
4728	by soil types and manuring and its control. 4722	RUTHENIUM
Form and mechanism of transmission of plant	Effect of gibberellic acid on the fruit-set, and	New data on accumulation of \$35 and Ru106 by
viruses. Transmission of viruses by nematodes. 4729	partheno-carpic development of fruit in Bhokri	dragonfly nymphs (Odonata).
	grapes. (Vitis vinifera L).	4497
Outline of Syrian parasitology. 4790	4919	SAFETY DEVICES A look at the plant pest control divison.
RHIZOCTONIA SOLANI	Ag firm concentrates on waterless spraying.	4887
Changes in fungi with age. iv. Role of coenzymes	PICKETTSIA PROWAZEKI	SAFETY EDUCATION
in the respiratory decreases in Rhizoctonia solani	RICKETTSIA PROWAZEKI Ultrastructure of homogeneous bodies and cellu-	Use insecticides safely.
and Sclerotium bataticola.	lar bodies during the course of rickettsial infec-	4901
4669	tions.	SALES
New fungicide promises effective and economi-	4813	1969-Pest Control's economic forecast. 4951
cal plant disease control.	RICKETTSIAL DISEASES	The pesticide review.
RHIZOSPHERE	Ultrastructure of homogeneous bodies and cellu- lar bodies during the course of rickettsial infec-	4952
Rhizosphere root exudates and their effect on	tions.	SALINE SOILS
microbial activity.	4813	Inhibition of the oviposition behavior of the
4662	RINDERPEST VIRUS	migrator locust (Locusta migratoria L.) caused
RHODNIUS PROLIXUS	Protection against Rinderpest conferred to cattle	by the salinity of the soil. 4543
Histochemical data on the neurosecretory allata	by an inactivated virus adapted to cattle cells. 4835	SALIVARY GLANDS
terminations in Antheraea pernyi Guer.	RING SPOT	A specific chromosome element, the telomere of
(Lepidoptera, Attacidae) and in Rhodnius prolixus Stal. (Hemiptera, Reduviidae).	Inter-species and inter-genera crosses in Car-	Drosophila polytene chromosomes.
4469	icaceas and their phytotechnical implications.	4628
RHYNCHOSCIARA	4696	On the structure of the salivary chromosomes of Bilobella massoudi Cassagnau (Collembola: Ne-
A new culture method for Rhynchosciara.	Inoculation of Carica papaya L. with the ringspot distortion virus under various conditions.	anuridae).
4563	4733	4630
RIBONUCLEIC ACID	ROOT HAIRS	The salivary gland chromosomes of the mosquito
Control of metabolism in the silkworm pupal	Rhizosphere root exudates and their effect on	Culex pipiens. I. The normal chromosome com-
ovary by the diapause hormone. 4508	microbial activity.	plement. 4632
Cytoplasmic particles carrying rapidly labeled	4662	SALMONELLA
RNA in developing insect epidermis.	ROOTS Cryptogama diseases of the root system. Preven-	Salmonella abony-Salmonella typhimurium
4523	tion and control.	recombinant nonvirulent for the mouse.
The action of formamide on turnip yellow mosa-	4681	4822
ic virus: Obtaining artificial capsids.	Diagnoses of pear decline and rootstock identifi-	Isolation of conjugation-constitutive mutants of Colicin factor Ib.
4686	cation in young pear orchards.	4832
The action of urea on turnip yellow mosaic virus.	4687	Serum antibody to Salmonella flagellar antigens.
The properties of RNA obtained at the time of artificial capsid formation.	Efficiency of some fungicides in the disinfection of the carnation roots.	I. Methods of antibody assay.
4701	4692	4850
Studies on the application of electrophoresis to	Form and mechanism of transmission of plant	SALMONELLA CHOLERAESUIS Association of increased recipient ability for R
the isolation of RNA infective fractions from	viruses. Transmission of viruses by seeds, pollen	factors and reduced virulence among variants of
tobacco plants infected with the potato virus X.	and contact of roots.	Salmonella choleraesuis var. kunzendorf.
1. Characterisation of RNA preparations from	Pesticides in soil. Monitoring for chlorinated	4819
tobacco leaves, analysed by means of elec- trophoresis in coloured agar gels.	hydrocarbon pesticides in soil and root crops in	SALMONELLA PULLORUM Studies on the treatment and prophylaxis of Sal-
4710	the Eastern States in 1965.	monella pullorum infection in chicks with
Infection structures from rust urediospores: Ef-	4886	chloromycetin.
fect of RNA and protein synthesis inhibitors.	ROOTSTOCKS The effect of rootstocks on the transformation of	4820
4907	some factors of the physiological immunity in	SALMONELLA TYPHIMURIUM Pegulation of branched-chain amino acid
Ribonucleic acids in crown-gall bacteria,	leaves of mildew-susceptible grape varieties.	Regulation of branched-chain amino acid biosynthesis in Salmonella typhimurium: Isola-
Agrobacterium tumefaciens (Smith and Town), treated with sodium borate.	4717	tion of regulatory mutants.
4911	ROTENONE	4801
Some biochemical changes taking place in the	The warble fly.	Chromosome replication in Salmonella typhimu-
course of the transformation of streptomycin re-	ROUS SARCOMA VIRUS	rium. 4805
sistance in streptococci.	The presence of particles with the appearance of	2-deoxyribose gene-enzyme complex in Sal-
RIBOSOMES	nucleocapsids associated with mitochrondrites in	monella typhimurium: Regulation of
Cold-sensitive mutations in Salmonella typhimu-	the cells of a hamster infected with Rous virus. 4812	phosphodeoxyribomutase.
rium which affect ribosome synthesis.	Persistance of the genome of the Rous virus in	4818 Salmonella shony Salmonella typhimurium
4844	hamster cells changed in vitro, and the action of	Salmonella abony-Salmonella typhimurium recombinant nonvirulent for the mouse.
RICE	inactivated Sendai virus on its transmission to	4822
Ichneumonidae (Hymenoptera) collected in	chick cells.	Cold-sensitive mutations in Salmonella typhimu-
paddy fields of the Orient, with descriptions of	4848	rium which affect ribosome synthesis.
new species. Part 2. Subfamilies Porizontinae, Metopiinae and Diplazontinae.	RUBBER Termite control in rubber plantations.	CALMONELLA TYPHOCA
4412	4521	SALMONELLA TYPHOSA Intracellular localization and characteristics of
Identification of the braconid parasites of rice	The resistance of Fx and IAN rubber clones to	lactate dehydrogenase activity of Salmonella
borers (Hymenoptera: Braconidae).	leaf diseases in Brazil.	typhosa (NČTC 8385).

4693

SALSOLA KALI Germination of Russian thistle seeds. 4916	SECRETION Study of the tegumentary glands and their secretory cycle in the larva of Tipula flavolineata	Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L).
SAMIA CYNTHIA PRYERI	Meig	4919
An action of insect hormones on carbohydrate	4579	SEPTORIA
metabolism in insects.	The importance of heterogeneity in the sexual at-	Pessimism over crop diseases.
4531	traction exercised by female Acrolepia assectella Zeller.	SEROLOGICAL TESTS
SAMIA CYNTHIA RICINI A semi-synthetic diet for Eri-silkworm raising.	4587	SEROLOGICAL TESTS Two strains of Bacillus thuringiensis Berliner iso-
4492	Single unit activity in the visual pathway of the	lated from larvae of disparate Bombyx Lyman-
The development of an artificial diet not contain-	butterfly Heliconius erato.	tria dispar.
ing leaf powder of any food plants for Eri-silk-	Honov has respuitment to find assure Office	4503
worm raising.	Honey bee recruitment to food sources: Olfaction or language.	The nature of pathogenicity of Pseudomonas aeruginosa for Galleria mellonella.
SANITATION	4619	4551
The reappearance of rabies in France. First case	The relationship of some insects (Aphididae,	Virulence, adsorbability, and antigenicity of
in a fox in Moselle.	Largidae, Pentatomidae, Coccinellidae and	foot-and-mouth disease virus selected by adsorp- tion with homogenized mouse kidney.
SAPROPHYTES	Malachiidae) to the pearlhairs or glanduliform emergences of Carica papaya L.	4802
Rhizosphere root exudates and their effect on	4736	SERROPALPUS SUBSTRIATUS
microbial activity.	Choleresis in sheep.	Wood-and-bark-feeding Coleoptera of felled
4662	4830	spruce in interior British Columbia. 4425
The role of nematodes in horticulture.	SECRETIONS Some effects of castration on the protocerebral	SERUM 4425
SARCOPHAGIDAE 4767	neurosecretion of the females of Polistes	Studies of serum enzymes in swine infected by
Contribution to the biological study of the Dip-	(Hymenoptera, Vespidae).	two strains of hog cholera virus.
tera Sarcophagidae, parasites of acridids. The	4601	4804 SECONE
biological cycle of Blaesoxipha rossica Vill., injection of larvae in the body of the host by the	SEED GERMINATION The effect of 3-amino-1,2,4-triazole on the ul-	SESONE Response of mixed crop of wheat and rape to
female Sarcophagidae.	trastructure of plastids of Triticum vulgare	three chlorophenoxy herbicides.
4547	seedlings.	4777
SATYRIDAE	4685	SETARIA ITALICA
A note on the family Euptychia (s. l.) (Lep. Satyridae).	Germination of Russian thistle seeds. 4916	Effect of Spartin under dryland farming on Setaria italica (Beauv.).
4405	SEED INSECTS	4915
SCAB	Attack on moco cotton by pink bollworm in	SEWAGE TREATMENT
Disease control in nonbearing orchards. 4699	Ceara. 4756	Abundance and microdistribution of larval Chironomidae in stabilization lagoons.
SCALD	SEED PRODUCTION (HORTICULTURE)	4432
DPA for scald control.	Attack on moco cotton by pink bollworm in	SEX
4715	Ceara. 4756	Sex lure hoax may prove male beet wireworm's undoing.
Problems with scald inhibitors. 4863	SEED TREATMENT	4765
SCHISTOCERCA GREGARIA	Fusarium foot rot of kenaf (Hibiscus lannabinus	Isolation of conjugation-constitutive mutants of
Comparative effects of allatectomy on the activi-	L.) in Iran. 4723	Colicin factor Ib. 4832
ty of the male accessory glands and on the sexual	Toxicity of organophosphorous insecticides ap-	SEX ATTRACTANTS
behavior of two acridids: Schistocerca gregaria and Locusta migratoria (sub-species migra-	plied as foliar spray, soil drench and seed treat-	Specificity in insecticides.
torioides and Razalinsk).	ment to Aphis gossypii Glover (Aphididae:	4507
4470	Homoptera).	Response of some stored-product insects to Trogoderma granarium pheromones.
Recent data on the origin of larval polymorphism at hatching in the migratory grasshopper,	SEED VIABILITY	4625
Schistocerca gregaria Forskal.	The determination of the embryo viability of	SEX BEHAVIOR
4578	weed seeds by the TTC method.	The importance of heterogeneity in the sexual attraction exercised by female Acrolepia assectella
SCHISTOSOMA General method for the culture of helminths in	SEED-BORNE PLANT DISEASES	Zeller.
anaerobic conditions.	Seed contamination in transmission of halo	4587
4854	blight in beans.	SEX DETERMINATION
SCIARA COPROPHILA	Form and mechanism of transmission of plant	DNA synthesis in the neo-X neo-Y sex determination system of Dichroplus bergi (Orthop-
Extra replications in the DNA-PUFFS of Sciara coprophila.	viruses. Transmission of viruses by seeds, pollen	tera: Acrididae).
4631	and contact of roots.	The kompature of some Australian in 6
SCIOMYZIDAE	SEEDLINGS	The karyotype of some Australian species of Macropathinae (GryllacridoideaRha-
A new genus and species of Sciomyzidae from Tanzania, with a key to the genera of the Ethiopi-	Cultivation of the sapogenin-bearing Dioscorea	phidophoridae).
an region and distributional notes (Diptera: Fa-	species.	Say abnomatin in Lanidantan
calyptratae).	The influence of illumination on the develop-	Sex chromatin in Lepidoptera. 4649
SCLEROTINIA	ment of tumors caused by Agrobacterium tu-	SEX RATIOS
Fairway disease control.	mefaciens (Smith and Town) Conn. on pea	Effect of melatonin on egg production of the boll
SCI EDOTINIA SCI EDOTIODUM	seedlings, Pisum sativum L 4707	weevil, Anthonomus grandis.
SCLEROTINIA SCLEROTIORUM Plant growth promoting metabolites of	Some experiments on polarity of IAA-2-C14	SHEEP
Sclerotinia sclerotiorum (II) The synthesis of	transport in Helianthus annuus seedlings.	Studies on enzyme synthesis of cerebroside
sclerotinin B.	The effect of CCC and Amo-1618 on growth,	sulphate from 3'-phosphoadenosine-5'-phosphosulphate.
SCLEROTIUM BATATICOLA	catalase, peroxidase and indoleacetic acid ox-	4788
Changes in fungi with age. iv. Role of coenzymes	idase activity of young barley seedlings.	Axis cylinder degeneration associated with
in the respiratory decreases in Rhizoctonia solani and Sclerotium bataticola.	SEEDS 4908	ryegrass staggers in sheep and cattle.
4669	Seed contamination in transmission of halo	Choleresis in sheep.
SCOLYTIDAE	blight in beans.	4830
Are woodpeckers the answer to pine bark beetle attacks.	Germination of Russian thistle seeds.	Immunochemical characterization of sheep plasma glycoprotein.
4440	definition of Russian thistic seeds.	L. monine Prinarketation.

4916

The machinery generally used for efficient

4764

4926

SPECTROMETRY
Structure of Klein's metabolites of aldrin and of dieldrin.

SODIUM

SIALIC ACIDS

Prevent worms to increase sheep profits.

4856	The focal distribution of lesions of porcine hypernatremic eosinophilic meningo-en-	sterilization and disinfestation of the soil.
Host-parasite relationship. 1. Studies on the productivity of sheep as affected by Haemoncho-	ccphalitis for diagnostic purposes.	SOIL MOISTURE
sis.	4803	Abundance and microdistribution of larva
4858	SODIUM BORATE	Chironomidae in stabilization lagoons.
SIALIC ACIDS	Ribonucleic acids in crown-gall bacteria, Agrobacterium tumefaciens (Smith and Town),	Indication by approxing
Release of sialic acid from caseins of cow and buffalo milk by cow and buffalo rennets.	treated with sodium borate.	Irrigation by spraying. 465
4791	4911	Black stem- the second stem disease of grains.
SILICA GELS	SODIUM CHLORIDE	4734
Screening method for zearalenone, aflatoxin,	A tidal rhythm in the susceptibility of Fundulus similis to sodium chloride and endrin.	SOIL PROPERTIES
and ochratoxin.	4896	Rhizosphere root exudates and their effect or
4928	SODIUM SULFATES	microbial activity. 4662
TLC spotting solvent for aflatoxins. 4938	Variation of Florisil activity: Simple method for	
How to prevent and remove mildew; home	measuring adsorbent capacity and its use in stan-	Experimental husbandry farm experience with herbicides and tillage systems for cereal growing
methods.	dardizing Florisil columns.	4678
4959	SODIUM TRIPOLYPHOSPHATE	SOIL SERIES
SILICATES	Sodium tri-polyphosphate carried by tanker.	Bronzing disease of rice in Orissa as influenced
The posticide review.	4950	by soil types and manuring and its control.
4952	SOIL ANALYSIS	SOIL STERILIZATION
SIMAZINE Studies on chemical weed control with fodder	Fertilization of semi-mature stands in Newfoun- dland.	The effects of soil sterilization procedures on the
kale.	4652	microbiological equilibrium of the soil.
4771	Needed: A miracle method for soil borne disease	4672
Weed control in potato cultures without adverse	control.	Disinfection and disinfestation of the soil
effects on the potato quality.	4695	Proceedings of the international Congress or Plant Disease. Sanremo, 1-4 December 1966.
4781	A look at the plant pest control divison.	4725
SIMULIIDAE Studies of black flies of Panama. III. Two new	4887	Weeds and their control.
species of Simulium of the subgenus Hemic-	SOIL CHEMISTRY Inhibition of the oviposition behavior of the	4782
netha.	migrator locust (Locusta migratoria L.) caused	The machinery generally used for efficient
4383	by the salinity of the soil.	sterilization and disinfestation of the soil. 4945
Contributions to the (Diptera, Simuliidae) fauna	4543	SOIL STRUCTURE
of Austria. Ill. The fauna of the valley of the YBBS.	SOIL EROSION	Annual report of the Department of Agriculture
4851	Rhizosphere root exudates and their effect on microbial activity.	for the year 1962/63. (11).
SINDBIS VIRUS	4662	4665
Study of the multiplication of Sindbis arbovirus	SOIL FUMIGATION	SOIL TREATMENT
in Drosophila.	Disinfection and disinfestation of the soil.	Toxicity of organophosphorous insecticides applied as foliar spray, soil drench and seed treat-
	Proceedings of the international Congress on Plant Disease. Sanremo, 1-4 December 1966.	ment to Aphis gossypii Glover (Aphididae
SIPHONAPTERA Records of Ohio fleas (Siphonaptera).	4725	Homoptera).
4397	Fumigants and specific nematocides in the con-	4757
SITOPHILUS ORYZAE	trol of phytophagous nematodes.	SOIL-BORNE PLANT DISEASES Pessimism over crop diseases.
The identity of Sitophilus oryzae.	4769	4679
4462	The machinery generally used for efficient sterilization and disinfestation of the soil.	Needed: A miracle method for soil borne disease
Response of some stored-product insects to	4945	control.
Trogoderma granarium pheromones. 4625	For a better and more profitable technique in the	4695
SITOPHILUS ZEAMAIS	application of soil fumigants.	SOILS .
The identity of Sitophilus oryzae.	4946	Some observations on ecological, physiological and biochemical aspects of weed control.
4462	SOIL FUNGI	4776
SITOTROGA CEREALELLA	Cryptogama discases of the root system. Prevention and control.	Pesticides in soil. Monitoring for chlorinated
Experiment on the influence of Bacilluscereus var. Galleriae and of lindane on Sitotroga	4681	hydrocarbon pesticides in soil and root crops in
cerealella Oliv. and on Trichogramma cacoeciae	The reciprocal relationships in mixed cultures of	the Eastern States in 1965. 4886
March.	entomophagous fungi and the effect of some	SOLENOPSIS SAEVISSIMA RICHTERI
4591	Hyphomycetes on their growth. 4690	Tolerances and exemptions from tolerances for
SKIM MILK	Problems in monitoring DDT and its metabolites	pesticide chemicals in or on raw agricultrua
The nourishment of milk calves is essential for the future of the product.	in the environment.	commodities. Dodecachlorooctahydro-1,3,4-metheno-2th-cyclobuta (cd) pentalene.
4787	4889	4882
SMELL	SOIL INSECTS	SOLUBILITY
Honey bee recruitment to food sources: Olfac-	Notes on methods for the extraction of small soil arthropods by the high gradient apparatus.	The biochemistry of Vibrio cholerae: Part IV.
tion or language.	4552	A cid soluble nucleotide constituents. 4927
SNAILS	Diazinon against plant pests.	SOMATINA HOMBERGI
Predatory activity of Luciola cruciata (Olivier,	4655	A new Somatina of the Congo. (Lepidoptera
1886) (Coleoptera: Lampyridae) larvae on	SOIL MICROORGANISMS	Geometridae).
newly hatched Biomphalaria glabrata. 4558	Rhizosphere root exudates and their effect on	4393
	microbial activity.	SORGHUM Studies on Phyllosticta blight of rice
Biological control of snails exerted by Euglan- dina rosea (Ferussac) in Bermuda.	Occurrence of antibacterial and antifungal ac-	Studies on Phyllosticta blight of rice. 4703
4786	tinomycetes in cultivated soils of West Bengal.	SOYBEANS
Larval development of a nematode parasite of	4667	Domestic quarantine notices. Soybean cyst ne-
the dog circulatory system in dulcaquicoles mol-	The effects of soil sterilization procedures on the	matode. Quarantine and regulations. 4764
lusks.	microbiological equilibrium of the soil.	4704

Needed: A miracle method for soil borne disease control.

4672

4695

4857

4529

SOCIAL INSECTS
Brood care in halictine bees.

STORED PRODUCT INSECTS

SPECTROPHOTOMETRY	Disease control in nonbearing orchards. 4699	benthic animals in the Abashiri River (Hok-kaido).
An analytical method for determining arsenic in biological material.	Black spot of apple.	4955
4900	4700	STARVATION
SPECTROSCOPY Plant growth promoting metabolites of	DPA for scald control.	Action of ecdysone on the larvae of Drosophila melanogaster subjected to starvation. The ex-
Sclerotinia sclerotiorum (II) The synthesis of	Bronzing disease of rice in Orissa as influenced	istence of two pre-requisites for the formation of
sclerotinin B.	Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control.	the puparium.
SPERMATOCYTES	4722	STATISTICAL ANALYSIS
Chromosome numbers of some central European	Fusarium foot rot of kenaf (Hibiscus lannabinus L.) in Iran.	Abundance and microdistribution of larval
Cerambycidae. II.	4723	Chironomidae in stabilization lagoons. 4432
SPERMATOGENESIS	Thiram thins Granny Smith apples.	Response of some stored-product insects to
Spermiogenesis in Aedes aegypti (L.).	4726	Trogoderma granarium pheromones.
4536	Several measures used to combat fruit plant	4625
SPERMATOZOA	viruses.	Study of the dependence of the population dynamic of the apple moth (Carpocapsa
New observations on the transport of in- tranuclear microorganisms, called Phi particles,	Drench your trees against San Jose scale.	pomonella L.) on the fruit yield of the hostplant.
by the spermatozoids in homopterous insects.	4738	4755
4556	Insect and mite control on nursery stock in Ohio. 4743	A tidal rhythm in the susceptibility of Fundulus similis to sodium chloride and endrin.
Revision of the nominate subgenus Sceliphron	Toxicity of organophosphorous insecticides ap-	4896
Latreille (Hymenoptera, Sphecidae) (Studies on	plied as foliar spray, soil drench and seed treat-	STEPHANIDAE
the Sceliphronini, part 1).	ment to Aphis gossypii Glover (Aphididae:	New genera and species of chalcid flies (Hym.,
4435	Homoptera).	Chalcidoidea) and a new species of Foenatopus Smith (Hym., Ichneumonidae, Stephanidae)
Biology of wasps of the tribe Cercerini, with a list of the Coleoptera used as prey.	Don't take lightly these brinjal borers.	from Hoggar.
4597	4759	4391
SPHINGIDAE	Residues in fish, wildlife, and estuaries.	STEROIDS Cultivation of the sapogenin-bearing Dioscorea
Lepidoptera collected in a light trap during the winter 1962/63 in Assiut, Egypt.	Chlorinated pesticide levels in the Eastern oyster (Crassostrea virginica) from selected areas of the	species.
4413	South Atlantic and Gulf of Mexico.	4664
SPILONOTA OCELLANA	4875	STEROLS
Integrated control of the fruit-tree leaf roller,	Persistence of DDT in crayfish in a natural en-	Nutritional requirements and artifical diets for the silkworm, Bombyx mori L.
Archips argyrospilus (Walker), and the eye- spotted bud moth, Spilonota ocellana (Denis and	vironment. 4878	4518
Schiffermuller).	An evaluation of the effects of the Aedes aegypti	Feeding and nutrition of Lygus hesperus. Ill.
4553	eradication program on wildlife in South Florida.	Limited growth and development on a meridic diet.
SPIROCHAETA The infrastructural morphology of Pillotina	4884	4602
calotermitidis nov. gen., nov. sp., a	Growth retardant tests on potted poinsettias.	STILPNOTIA SALICIS
Spirochaetales of the intestine of Calotermes	A preliminary study of the extraction of	Two strains of Bacillus thuringiensis Berliner iso- lated from larvae of disparate Bombyx Lyman-
praecox. 4513	parathion and Diazinon by the Mills, Onley,	tria dispar.
SPORE GERMINATION	Gaither Acetonitrile Procedure. 4937	4503
Morphology and mode of germination of conidia	How to prevent and remove mildew; home	STIMULANTS Gibberellin delays ripening of tomatoes.
of Helminthosporium oryzae in relation to its taxonomy.	methods.	4906
4657	4959	STINGING
Zoospore in Phytophthora parasitica var. sub-	STAND DENSITY Red rot in residual ponderosa pine stands on the	Laelius utilis Cockerell (Hymenoptera:
dariffae. 4666	Navajo Indian Reservation.	Bethylidae) stinging a child at London, Ontario. 4651
SPORES	4663	STOMOXYS CALCITRANS
Effect of mixed spore inocula of Botrytis ssp. on	STAND INCREMENT ESTIMATES Fertilization of semi-mature stands in Newfoun-	Electrophysiological study of contact
lesion development in the leaves of bean (Vicia faba L.).	dland.	chemoreceptors in bloodsucking Diptera. 4624
4718	4652	STORAGE
Insect pathogens and microbial control of insects	STAPHYLINIDAE Aleochara stichai Likovsky (Col., Staphylinidae)	The problem of the potato blackleg disease.
in stored products. I. Test with Bacillus thurin-	new to Britain.	4697
giensis Berliner against moths. 4864	4398	Problems with scald inhibitors. 4863
SPRAYING	Hypocyphtus nitidus Palm (Col., Staphylinidae) in Oxforoshire: An addition to the British list.	Bacteriostatic properties of milk from tropical
The boll weevil; How to control it. Part II.	4399	countries.
4348 Biology and control of native and introduced	A new Schistoglossa specie from Sweden (Col.	4868 Problems in monitoring DDT and its metabolites
forest insects in the Nearctic Zone.	Staphylinidae, Aleocharinae).	Problems in monitoring DDT and its metabolites in the environment.
4375	Stenus and Megalopinus Motschulsky genera	4889
First occurrence of balsam woolly aphid in the	and remarks on the subgenus Tesnus Rey, with a	Pesticides in people. Storage of DDT in the peo-
interior of British Columbia.	table of the Palearctic representatives (Coleop-	ple of Israel.
A comparative study on the effects of aerial ver-	tera, Staphylinidae). (54. Contribution to the knowledge of the Stenus genus).	Effects of chemical preservatives and storage on
sus ground spraying of poisoned baits against the	4423	constituents used to characterize lemon juice.
Mediterranean fruit fly on the natural enemies of scale insects in citrus groves.	STAPHYLOCOCCUS Experiences with culture media for the selective	STORAGE DISEASES
4454	Experiences with culture media for the selective microbiological analysis of meatproducts.	DPA for scald control.
Integrated control of the fruit-tree leaf roller,	4869	4715
Archips argyrospilus (Walker), and the eye- spotted bud moth, Spilonota ocellana (Denis and	STAPHYLOCOCCUS AUREUS	STORAGE INJURIES
Schiffermuller).	Staphylococcal intoxication of young suckling whelps.	Bulk wheat pests can be controlled by simple precautions.
4553	4840	4866
Irrigation by spraying. 4659	STARCHES On the influence of effluent of the starch factory	STORED PRODUCT INSECTS Page page of some stored product invects to
Co-operative spraying against banana pests.	On the influence of effluent of the starch factory upon the Yubetsu River and the Shokotsu river,	Response of some stored-product insects to Trogoderma granarium pheromones.
4683	and of effluent of the best factory upon the	4625

STORED PRODUCTS

STORED PRODUCTS Insect pathogens and microbial control of insects	SULFAMOYL-4,4'-DIAMINODIPHENYL FONE, 2-	SUL-	Sudden death in feeder pigs.	816
in stored products. I. Test with Bacillus thuringiensis Berliner against moths.	Therapeutic effect of SDDS (2-sulfamoyl diaminodiphenyl sulfone) on experimenta		Characterization of a small porcine DNA virus	
4864	oplasmosis.	4843	Pathological studies on pseudotubercule	osis
Susceptibility of different stored-products moth larvae to Bacillus thuringiensis.	SULFATES		rodentium. III. Spontaneous swine cases.	829
4867	Studies on enzyme synthesis of cerebr		Therapeutic effect of SDDS (2-sulfamoyl-4	
STRAWBERRIES Weed control studies in strawberries.	sulphate from 3'-phosphoadenosii phosphosulphate.		diaminodiphenyl sulfone) on experimental toplasmosis.	
4779		4788	opiasmosis.	843
STREAMS Persistence of DDT in crayfish in a natural en-	SULFONIC ACIDS Effects of chronic exposure to zinc on toxic	city of	The pale muscle problem in pigs.	845
vironment. 4878	a mixture of detergent and zinc.	4894	SWINE INFLUENZA	943
STREPTOCOCCUS	SULFOTEPP		Respiratory disease in the pig. II.	
Some biochemical changes taking place in the	Pesticide residues in cultivated mushrooms.			798
course of the transformation of streptomycin re-		4891	SYMBIOSIS	
sistance in streptococci.	SULFUR New data on accumulation of S35 and Ru1	06 by	Cytology and cytochemistry of the mycetone Pseudococcus maritimus (Earhorn) (Homopt	OI
	dragonfly nymphs (Odonata).	OG Dy	Coccidae.	Cia
STREPTOMYCIN Disease control in nonbearing orchards.	aragomiy nympus (odonata).	4497		550
4699	Disease control in nonbearing orchards.		SYMPHYLA	
Sensitiveness of E. coli isolated from the in-		4699	Valley centipedes (Chilopoda, Symphyla) fr	om
testines of broilers in the terrain to chlortetra-	SULFUR DIOXIDE		northern Kentucky.	
cyclin, streptomycin and furazolidon in 1966.	Comparison of sulphur dioxide and fo			362
4795	,	4913	SYMPHYTA Single Sandar (Harrison Land	
Some biochemical changes taking place in the			Four new sawflies from Sweden (Hymenopte Symphyta).	ra,
course of the transformation of streptomycin re sistance in streptococci.	Effects of chemical preservatives and stora constituents used to characterize lemon juic			106
4932		4940	SYMPTOMATOLOGY	
STRIDULATION	SUNFLOWERS		A preliminary study on the polyhedrosis virus	s of
Sound production in the white-pine weevil, Pis		2-C14	jute semilooper, Anomis sabulifera Guen.	
sodes strobi, and the northern pine weevil, P. ap	transport in Helianthus annuus seedlings.		4:	516
proximatus.		4903	Poisoning of Pieris brassicae L. by an enzy	
4500	SCITET AND DEMAND		fraction of the toxin of the crystals of the stra	
On the investigative methods of the sound		4952	Bacillus thuringiensis serotype U Berliner	ınd
characteristics of small cicadas (Homoptera Cicadina).		4932	serotype. III. Anduze.	560
4603	SURVEYS Bees of the Nevada Test Site.		The problem of the potato blackleg disease.	-
STRIPE RUST	bees of the Nevada Test ofte.	4355		597
Pessimism over crop diseases.	Lepidoptera of the Nevada Test Site.		The viruses of the black and red currant.	
4679		4356		705
Wheat.	Valley centipedes (Chilopoda, Symphyla)	from	The role of nematodes in horticulture.	
469)	northern Kentucky.	4373	47	767
SUBSTRATES Effect of observiolet and intime on the avidation of		4362	Sudden death in feeder pigs.	
Effect of ultraviolet radiation on the oxidation o certain Krebs cycle substrates in Vibrio cholerae		ed in	48	316
4930		tinae.	Effects of chronic exposure to zinc on toxicity	/ of
SUCROSE	Metopiinae and Diplazontinae.		a mixture of detergent and zinc.	394
Feeding and nutrition of Lygus hesperus. III		4412		
Limited growth and development on a meridic			Some pathological effects of sub-acute and ac poisoning of rainbow trout by phenol in h	
diet. 4602	Old World, with descriptions of some new		water.	
SUGAR BEETS	cies and subspecies (Diptera, Drosophi Drosophila).	muae,	48	398
Sugar beet crop protected through aerial appli		4418	SYNERGISTS	
cation.	First occurrence of balsam woolly aphid i	in the	Specificity in insecticides.	
472	interior of British Columbia.			507
Sex lure hoax may prove male beet wireworm'		4441	SYNTHESIS	
undoing.	The Plecoptera of a headwater stream (Gai	itscale	Control of metabolism in the silkworm pu ovary by the diapause hormone.	pai
Tests of nematocidal fumigants in the control o	C,	4569		508
the nematodes of beets (Heterodera schachti			An action of insect hormones on carbohydr	ate
Schm. and Meloidogyne spp.).	val Paragordius (Nematomorpha).		metabolism in insects.	
4760		4620		531
Comparison of various methods for the deter		opean	DNA synthesis in the neo-X neo-Y sex det	
mination of the herbicidal action of herbicide preparations against annual weeds in sugarbeet		46.40	mination system of Dichroplus bergi (Ortho	op-
and potatoes. In: Collection of reports given a		4648	tera: Acrididae).	533
the International Herbicide Conference, Prague		4887	Tritium labelling and cytochemistry of ex	
June 21-24, 1966.	1969-Pest Control's economic forecast.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DNA in Acheta.	
4774		4951		642
Study of the selectivity of herbicides for sugar beets, using laboratory, greenhouse and			Plant growth promoting metabolites	of
physiological methods. In: Collection of report	A tidal rhythm in the susceptibility of Fun	ndulus	Sclerotinia sclerotiorum (II) The synthesis	of
given at the International Herbicide Conference		1004	sclerotinin B.	573
Prague, June 21-24, 1966.		4896	Regulation of branched-chain amino a	
SUCARCANE 478:	SWINE Respiratory disease in the pig. II.		biosynthesis in Salmonella typhimurium: Isc	ola-
SUGARCANE Influence of infestation by early shoot bore		4798	tion of regulatory mutants.	
Chilotraea infuscatellus Sn. on shoot production			48	301
and yield of sugarcane.	hypernatremic eosinophilic mening		Isolation of conjugation-constitutive mutants	of
475	cephalitis for diagnostic purposes.	1902	Colicin factor Ib.	332
SUGARS Comparison of sulphus diquids and formal	Studies of same annum as in suring infant	4803	Infection structures from rust urediospores:	
Comparison of sulphur dioxide and formal dehyde as bacteriostats in diffusion. Part II.	 Studies of serum enzymes in swine infect two strains of hog cholera virus. 	ed by	fect of RNA and protein synthesis inhibitors.	-ان
491.		4804		07

4868

Bacteriostatic properties of milk from tropical countries.

		TEMPERATURE
Synthesis of substances related to gibberellins. Part XVIII. Total synthesis of (plus or minus)	Resistance of Lycopersicon species to the carmine spider mite.	Spirochaetales of the intestine of Calotermes praecox.
gibberellins A A subscript 4, A subscript 9, and A subscript 10.	Possibilities of limiting tillage measures in potato	Theory of classification of the densonucleose viruses, based on the study of molecular struc-
SYNTHETIC DIETS Nutrition of the silkworm, Bombyx mori. XVI.	cultures when using herbicides. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.	tures and physiochemical properties. 4823
Quantitative requirements for essential amino acids. 4451	Results of tests with a new corn cultivation technology, using a minimum of work effort and	TDE Pesticides in hatchery troutdifferences between species and residues levels occuring in
A semi-synthetic diet for Eri-silkworm raising.	the effectiveness of new herbicides under the conditions prevailing in the Socialist Rumanian	commercial fish food. 4874
The development of an artificial diet not containing leaf powder of any food plants for Eri-silkworm raising.	Republic. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.	Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876
Nutrition of the silkworm, Bombyx mori. XVII. Effect of dietary levels of amino acids on growth	4783 Bacteriostatic properties of milk from tropical countries.	An evaluation of the effects of the Aedes aegypti eradication program on wildlife in South Florida. 4884
of fifth-instar larvae and on cocoon quality. 4517	4868 Pesticides in water, Pesticides in selected	Problems in monitoring DDT and its metabolites in the environment.
SYNTHETIC FIBERS Notes on insect and gastropode damage to enclosed cotton plantations.	western streamsA contribution to the national program. 4870	4889 Pesticides in people. Storage of DDT in the people of Israel.
4671 SYRPHIDAE An epidemic of Entomophthora among syrphid	Pesticides in hatchery troutdifferences between species and residues levels occuring in commercial fish food.	TELEOGRYLLUS COMMODUS
flies of the region of Geneva. 4610	4874 Residues in fish, wildlife, and estuaries.	Cytological studies of Antipodean Teleogryllus species and their hybrids (Orthoptera: Gryllidae).
T, 2,4,5- Blackberry control near orchards and vegetable gardens.	Chlorinated pesticide levels in the Eastern oyster (Crassostrea virginica) from selected areas of the South Atlantic and Gulf of Mexico.	TEMPERATURE Control of metabolism in the silkworm pupal
TABANIDAE Tabanidae (Diptera) of the Netherlands.	Residues in fish, wildlife, and estuaries. Insecti-	ovary by the diapause hormone. 4508
TABANUS 4403	cide concentrations in wildlife at Presidio, Texas. 4876 Residues in food and feed. Chlorinated pesticide	Further notes on the reproductive biology of the earwig Forficula auricularia L 4510
Electrophysiological study of contact chemoreceptors in bloodsucking Diptera.	residues in fluid milk and other dairy products in the United States.	Experiments on the milky disease of the larva of Melolontha melolontha L. 4515
TABLES (DATA) The boll weevil; How to control it. Part II. 4348	An evaluation of the effects of the Aedes aegypti eradication program on wildlife in South Florida. 4884	An action of insect hormones on carbohydrate metabolism in insects. 4531
Choice of resting site by Noctuidae (Lepidoptera).	Pesticides in people. Storage of DDT in the people of Israel. 4890	The Plecoptera of a headwater stream (Gaitscale Gill, English Lake District).
Industrial tests of the biological preparation Entobacterin-3 in the USSR.	Some experiments on polarity of IAA-2-C14 transport in Helianthus annuus seedlings.	4569 Effect of high temperatures on the resistance of insects to infectious diseases. 4607
Termite control in rubber plantations. 4521	Trials with carbon dioxide, light and growth substances on forest tree plants.	The influence of external factors on the anticipated elimination of the diapause of Psylla
Practical application of Bacillus thuringiensis. 4612 Caterpillar size and the dosage of Bacillus thurin-	Ribonucleic acids in crown-gall bacteria, Agrobacterium tumefaciens (Smith and Town),	pyri (Homoptera: Psyllidae). 4608 The action of different temperatures on the dura-
giensis preparations. 4621	treated with sodium borate. 4911 Effect of gibberellic acid on the fruit-set, and	tion of postembryonic development and the du- ration between molts in adults of six species of
Preservative treatments and service life of fence posts in Puerto Rico. 4658	partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L).	epigeous and cave Collembola, Hypogastruridae. 4609 Unstable multilunar modifying genes in the silk-
Rhizosphere root exudates and their effect on microbial activity. 4662	Structure of Klein's metabolites of aldrin and of dieldrin.	worm, Bombyx mori. III. 4646 Zoospore in Phytophthora parasitica var. sub-
Red rot in residual ponderosa pine stands on the Navajo Indian Reservation.	TACHINIDAE New species of the genus Trachina Mg. (diptera,	dariffae. 4666
Changes in fungi with age. iv. Role of coenzymes in the respiratory decreases in Rhizoctonia solani	Tachnidae), parasites of injurious Lepidoptera in the Ussr.	DPA for scald control. 4715 Sudden death in feeder pigs.
and Sclerotium bataticola. 4669	TAENIA PISIFORMIS	4816
The use of growth promoters to increase potato yields.	General method for the culture of helminths in anaerobic conditions.	Toxoplasma gondii: Transmission through feces in absence of Toxocara cati eggs. 4841
Studies on Phyllosticta blight of rice. 4703	TANK TRUCKS Sodium tri-polyphosphate carried by tanker.	Cold-sensitive mutations in Salmonella typhimurium which affect ribosome synthesis. 4844
The inheritance of a new source of resistance to the potato virus Y in pepper (Capsicum annuum L.).	TAXONOMY Taxonomic notes on the larva of British Diptera.	The pale muscle problem in pigs. 4845
4713 Fusarium foot rot of kenaf (Hibiscus lannabinus L.) in Iran.	no. 25, The larva and pupa of Dioctria rufipes (Degeer) (Asilidae). 4363	Problems with scald inhibitors. 4863 On the antioxidative mechanism of alpha-, beta-,
L.) in Iran.	Classification of the strains of Bacillus thurin-	gamma- and delta tocopherols in lard.

The infrastructural morphology of Pillotina calotermitidis nov. gen., nov. sp., a

Study of the dependence of the population dynamic of the apple moth (Carpocapsa pomonella L.) on the fruit yield of the hostplant.

4755

CHIR IECT INDEV

TENEBRIO MOLITOR

in the environment.

-,	4892
Effects of chemical preservatives and storage constituents used to characterize lemon juic	
	4940
Some factors affecting the choice of materia chemical plant equipment.	ls for
	4947
TENEBRIO MOLITOR	
Inactivation of juvenile hormone like compo	unds
	4501
In vitro culture of the ovaries of Tenebrio	moli-
In vitro culture of the ovaries of Tenebrio tor (Coleoptera). The importance of the position of the medium for survival, growth	com- , and
yolk formation.	4541
The mode of action of the corpora allata i course of yolk formation in Tenebrio me (Coleoptera).	n the olitor
	4542
In vitro culture of the ovaries of Tenebrio	moli-
tor (Coleoptera). Growth and yolk formatio	
	4546
Response of some stored-product insec	ts to
Trogoderma granarium pheromones.	
	4625
TENEBRIONIDAE	
A review of darkling beetles of the tribe	Lep-
todini (Coleoptera, Tenebrionidae).	
	4411
On nocturnal darkling beetles of the	genus
Melanesthes Lac. (Scoleoptera, Tenebrion	idae)
from central Kazakhstan.	4431
Dieles of office of the Control of	
Biology of wasps of the tribe Ccrcerini, with of the Coleoptera used as prey.	alist
of the Coleoptera used as prey.	4597
TERMITES	40),
On a collection of termites from Daman.	
on a concetion of termites from Daman.	4369
Termite control in rubber plantations.	1007
Termite control in rabber plantations.	4521
Preservative treatments and service life of	
posts in Puerto Rico.	ichee
posts in ruento rico.	4658
TERMITIDAE	
The particle lining of the plasmic membra	ne in
The particle lining of the plasmic membra connection with excretion in a specialized r	egion
of the middle intestine of higher termites.	
	4574
TERPENES	
Research on the odoriferous constituents of	of the
terpenic fumes of various substances and	their
action on Ips sexdentatus Boerner (Coleon	piera,
Scolytidac).	4475

Problems in monitoring DDT and its metabolites

DDT: Sublethal effects on brook trout nervous

4889

TESTES

On the presence of a virus in the testicle of a

Tests of nematocidal fumigants in the control of

the nematodes of beets (Heterodera schachtii Schm. and Meloidogyne spp.).

First occurrence of balsam woolly aphid in the

Resistance of Lycopersicon species to the car-

Spider mites on cotton; how to control them.

Imidazole: Fungitoxic derivatives.

interior of British Columbia.

TETRANYCHUS CINNABARINUS

4555

4902

4441

4737

4760

homopteran insect.

TESTING

TETRADIFON

TETRANYCHIDAE

mine spider mite.

JOBJECI INDEX
TETRANYCHUS URTICAE
Internal anatomy of the developmental stages of
the twospotted spider mite.
TETRAZOLIUM 2,3,5-TRIPHENYL-2H
CHLORIDE
The determination of the embryo viability of weed seeds by the TTC method.
4917
TETROPIUM VELUTINUM
Protecting larch logs from Tetropium velutinum Leconte with lindane emulsion.
4754
TETTIGONIIDAE
The chromosome formula of the cave Orthop-
tera Troglophilus neglectus (Rha- phidophoridae).
4590
T1 1

(Rha-4590 he karyotype of some Australian species of Macropathinae (Gryllacridoidea--Rha-

phidophoridae). 4643 THEOPHILA MANDARINA

Esterase and phosphatase polymorphism in natural population of wild silkworm, Theophila man-4626

THEREVIDAE On the genus Dialineura Rondani, 1856 (Diptera, Therevidae). 4409

THERMOTHERAPY Thermoresistant Clostridium perfringens of the A type in poultry. 4807

THIAZOLYL)-BENZIMIDIZOLE, 2-(4-Thiabendazole as a broad-spectrum anthelmintic. (abstract). 4853

Evaluation of the anthelmintic activity of thiabendazole in man. (abstract). 4860

THINNING (FRUIT) Thiram thins Granny Smith apples. 4726

Effect of gibberellic acid on the fruit-set, and partheno-carpic development of fruit in Bhokri grapes. (Vitis vinifera L).

THIRAM Efficiency of some fungicides in the disinfection of the carnation roots. 4692

Thiram thins Granny Smith apples. 4726

New synonymy in the South African genus Synaptothrips Trybom (Thysanoptera) with a key to the species.

Redefined concept of the genus Synaptothrips with redescriptions of two species (Thysanoptera: Thripidae). 4426

New records of South African Thysanoptera with description of a new Phlaeothripid genus.

Thrips infesting the tips of asparagus spears.

THRIPS TABACI

DNA synthesis in the neo-X neo-Y sex determination system of Dichroplus bergi (Orthoptera: Acrididae):

Incorporation of tritium-acetamide and tritiumthymidine into the eye disks of Drosophila melanogaster. 4639

THYSANOPTERA New records of South African Thysanoptera with description of a new Phlaeothripid genus. 4446

TICK PARALYSIS

Pest-management concepts and control of tick paralysis in British Columbia.

TILLAGE

Cultivation of the sapogenin-bearing Dioscorea species.

Experimental husbandry farm experience with herbicides and tillage systems for cereal growing.

4678

Possibilities of limiting tillage measures in potato cultures when using herbicides. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

Results of tests with a new corn cultivation technology, using a minimum of work effort and the effectiveness of new herbicides under the conditions prevailing in the Socialist Rumanian Republic. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

The nymphal instars of four lace bugs from Czechoslovakia. (Heteroptera, Tingidae). 4604

TIPULA FLAVOLINEATA Study of the tegumentary glands and their secretory cycle in the larva of Tipula flavolineata

Study of the tracheal units and nodular tracheal

cells in Tipula flavolineata Meig..

TIPULA OLERACEA Results of a study on controlling Tipula olercea L. showing a marked resistance to some chloror-

ganic insecticides. 4750

TIPULIDAE Several discoveries of Tipulidae and Limoniidae (Dipt.) from Corsica.

4386 TISSUE CULTURE In vitro culture of the ovaries of Tenebrio moli-

tor (Coleoptera). The importance of the composition of the medium for survival, growth, and volk formation.

In vitro culture of the ovaries of Tenebrio molitor (Coleoptera). Growth and yolk formation.

Study of the multiplication, in a unique clone cycle, of classic swine fever virus in an immu-nofluorescent medium.

The effects of pantothenic acid, pantoyltaurine,

and in vivo growth of Trypanosoma lewisi. Persistance of the genome of the Rous virus in

salicylate and related compounds on the in vitro

hamster cells changed in vitro, and the action of inactivated Sendai virus on its transmission to chick cells.

TISSUE TRANSPLANTS The immobilization reflex associated with tactile stimulation of the pronotum of normal larvae of Blaberus craniifer (Burm.) and ones having

received implantations of the corpora allata. TISSUES

An autoradiographic study of invertebrate uptake of DDT-CL36. Incorporation of tritium-acetamide and tritiumthymidine into the eye disks of Drosophila melanogaster.

The effect of 3-amino-1,2,4-triazole on the ultrastructure of plastids of Triticum vulgare seedlings. 4685

TRICHIOCAMPUS VIMINALIS

biological control.

TRICHLORFON

Trans-ovum transmission of insect viruses as a

The biology and control of Archips occidentalis (Wals.) and Tortrix dinota Meyr. (Lepidoptera: Tortricidae) on coffee in Kenya.

4744

4946

4481

4950

Residues in fish, wildlife, and estuaries. Insecticide concentrations in wildlife at Presidio, Texas. 4876	TOXINS Teratological effects on the nymphs and adults of insects, the larvae of which have ingested	TRAPS Choice of resting site by Noctuidae (Lepidoptera).
TOBACCO First evidences of viral infections in plants.	sublethal doses of the thermostable toxin of Bacillus thuringiensis Berliner.	TREE DISEASES 4352
4704	4468	The important forest pests of Spain.
Studies on the application of electrophoresis to	Two strains of Bacillus thuringiensis Berliner iso- lated from larvae of disparate Bombyx Lyman-	4660
the isolation of RNA infective fractions from tobacco plants infected with the potato virus X.	tria dispar.	Red rot in residual ponderosa pine stands on the Navajo Indian Reservation. 4663
I. Characterisation of RNA preparations from tobacco leaves, analysed by means of elec-	Use of cherry-laurel foliage for preparation of an	
trophoresis in coloured agar gels.	effective insect-killing jar. 4504	Diagnoses of pear decline and rootstock identifi- cation in young pear orchards. 4687
Results of a study on controlling Tipula olercea	The nature of pathogenicity of Pseudomonas	TREE INCREMENT MEASUREMENT
L. showing a marked resistance to some chloror- ganic insecticides.	aeruginosa for Galleria mellonella. 4551	Fertilization of semi-mature stands in Newfoundland.
4750	Poisoning of Pieris brassicae L. by an enzyme	4652
TOBACCO MOSAIC VIRUS Polysome formation with tobacco mosaic virus	fraction of the toxin of the crystals of the strains Bacillus thuringiensis serotype U Berliner and serotype. III. Anduze.	TREES Drench your trees against San Jose scale.
RNA. 4708	4560	4738
TOCOPHEROLS	New fungicide for potato blight.	Trials with carbon dioxide, light and growth sub-
On the antioxidative mechanism of alpha-, beta-,	4684	stances on forest tree plants.
gamma- and delta tocopherols in lard. 4865	Staphylococcal intoxication of young suckling whelps.	TREHALOSE
TOLERANCES	Wherps. 4840	An action of insect hormones on carbohydrate
Physiological responses of insects to nicotine.	Persistence and movement of parathion in irriga-	metabolism in insects.
4623	tion waters. 4871	TRIAZINE
Residues in food and feed. Chlorinated pesticide residues in fluid milk and other dairy products in the United States.	Effects of low volume aerial spraying of Dursban and fenthion on fish.	Chemical weed control and defoliation in potato fields. In: Collection of reports given at the Inter-
4880	4885	national Herbicide Conference, Prague, June 21-24, 1966.
Tolerances and exemptions from tolerances for	Some observations concerning the maximum	24, 1900.
pesticide chemicals in or on raw agricultural commodities. Parathion or its methyl homolog.	dosage ordinance.	TRIBOLIUM CASTANEUM
4881	Heat-stable elements in commercial preparations	Susceptibility of irradiated insects to Bacillus thuringiensis infection.
Pesticides in soil. Monitoring for chlorinated	based on Bacillus thuringiensis Berliner.	4519
hydrocarbon pesticides in soil and root crops in	4924	Response of some stored-product insects to
the Eastern States in 1965.	Screening method for zearalenone, aflatoxin, and ochratoxin.	Trogoderma granarium pheromones.
TOMATOES	4928	4625
Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the green-	The comparative actions of urea and thioglycolate on the representative toxin of Bacillus	TRIBOLIUM CONFUSUM Susceptibility of irradiated insects to Bacillus
house tomato.	thuringiensis. 4933	thuringiensis infection. 4519
Resistance of Lycopersicon species to the car-	TOXOCARA CATI	The incidence and burden of Hymenolepis
mine spider mite.	Toxoplasma gondii: Fecal forms separated from eggs of the nematode Toxocara cati.	diminuta cysticerloids as a function of the age of the intermediate host, Tribolium confusum.
Gibberellin delays ripening of tomatoes.	4811	4524
4906	Toxoplasma gondii: Transmission through feces in absence of Toxocara cati eggs.	Mobility in Tribolium confusum. 4565
The dipyridillics in tomato cultures. 4914	4841	TRICALCIUM ARSENATE
TORDON	TOXOPLASMA GONDII	Finesse in weed control.
Blackberry control near orchards and vegetable	Toxoplasma gondii: Fecal forms separated from	TRICARROVVIIC ACID CVCI E
gardens. 4770	eggs of the nematode Toxocara cati. 4811	TRICARBOXYLIC ACID CYCLE Diurnal variation in some Krebs cycle enzymes in
TORTRICIDAE	Toxoplasma gondii: Transmission through feces	cactus (Nopalea dejecta) phylloclades.
Records and descriptions of Palearctic and south	in absence of Toxocara cati eggs.	4910 Tricarboxylic acid cycle activity in a pseu-
Asiatic Laspeyresiini (Lepidoptera: Tortricidae). 4417	TOXOPLASMOSIS	domonad.
The biology and control of Archips occidentalis	Toxoplasma gondii: Fecal forms separated from	4922
(Wals.) and Tortrix dinota Meyr. (Lepidoptera: Tortricidae) on coffee in Kenya.	eggs of the nematode Toxocara cati. 4811	Effect of ultraviolet radiation on the oxidation of certain Krebs cycle substrates in Vibrio cholerae.
4744	Toxoplasma gondii: Transmission through feces	4930
TOXICITY	in absence of Toxocara cati eggs. 4841	TRICHINELLA SPIRALIS General method for the culture of helminths in
Specificity in insecticides.	Therapeutic effect of SDDS (2-sulfamoyl-4,4'-	anaerobic conditions.
8 Atomzing disease of rice in Oriesa as influenced	diaminodiphenyl sulfone) on experimental tox-	4854
Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control.	oplasmosis.	TRICHINOSIS Thirlhendazala as a broad spectrum antholmin
4722	TRACHEA	Thiabendazole as a broad-spectrum anthelmintic. (abstract).
TOXICOLOGY DDT: Sublethal effects on brook trout nervous	Study of the tracheal units and nodular tracheal	4853
system.	cells in Tipula flavolineata Meig 4580	TRICHIOCAMPUS IRREGULARIS Trans-ovum transmission of insect viruses as a
4892	TRACTORS	biological control.
Effects of chronic exposure to zinc on toxicity of a mixture of detergent and zinc.	For a better and more profitable technique in the application of soil fumigants.	4600 TRICHIOCAMPUS VIMINALIS

Sodium tri-polyphosphate carried by tanker.

TRANSFORMATIONS (MATHEMATICAL)

on insect larval growth.

TRANSPORTATION

A criterion of transformation for age-weight data

4894

4899

4900

4901

A synopsis of the pesticide problem.

Use insecticides safely.

An analytical method for determining arsenic in biological material.

TRICHLOROACETIC ACID

TRICHLOROACETIC ACID	
Weeds and their control.	

4782

TRICHOGRAMMA CACOECIAE

Experiment on the influence of Bacilluscereus var. Galleriae and of lindane on Sitotroga cerealella Oliv. and on Trichogramma cacoeciae March.

TRICHOPTERA

A new species of Ecnomus McLachlan (Trichoptera: Psychomyidae) from South Africa.

Evaluation of the anthelmintic activity of thiabendazole in man. (abstract).

TRIPHENYLTIN HYDROXIDE

New fungicide for potato blight.

4684

TRITIUM

Incorporation of tritium-acetamide and tritiumthymidine into the eye disks of Drosophila melanogaster.

TRIZONE

Methyl bromide, Trizone and Telone PBC compared in the control of fusarium wilt of the greenhouse tomato.

4716

TROGODERMA GRANARIUM

Response of some stored-product insects to Trogoderma granarium pheromones.

4625

Bacteriostatic properties of milk from tropical countries.

4868

TROUT

Pesticides in hatchery trout---differences between species and residues levels occuring in commercial fish food

DDT: Sublethal effects on brook trout nervous system.

Effects of chronic exposure to zinc on toxicity of

a mixture of detergent and zinc.

Some pathological effects of sub-acute and acute poisoning of rainbow trout by phenol in hard water.

TRYPANOSOMA LEWISI

The effects of pantothenic acid, pantoyltaurine, salicylate and related compounds on the in vitro and in vivo growth of Trypanosoma lewisi.

TRYPANOSOMATIDAE

Crithidia mellificae n. sp. an acidophilic trypanosomatid of the honey bee Apis mellifera

TUBERCULOSIS

Control of bovine tuberculosis and list of officially certified herds. 4846

TURF

Fairway disease control.

4674

TURKEYS

The Amprolium-Ethopabate combination. A new stage in the prevention of avian coccidiosis 4720

TURNIPS

The action of formamide on turnip yellow mosaic virus: Obtaining artificial capsids.

The action of urea on turnip yellow mosaic virus. The properties of RNA obtained at the time of artificial capsid formation.

First evidences of viral infections in plants.

4704

TYPHLOCYBA CRUENTA

Coenosia lineatipes Zett. (Dipt., Muscidae) preying on Typhlocyba cruenta H. S. (Hem., Cicadellidae).

TYROSINE

Composition of the gut contents of third-instar tsetse larvae (Glossina morsitans Westwood).

Ultrastructural peculiarities of the myofibrils in the flight muscles of Lepidoptera.

4452

The existence of inclusions which have a lamella ultrastructure in the nucleus of certain bacteriocytes in the adipose tissue of Periplaneta americana (Insecta, Blattidae).

Ultrastructure of the hemocytes of Locusta migratoria (Orthoptera).

Observations on the ultrastructure of the parasympathetic organs of the phasmids.

Ultrastructure of homogeneous bodies and cellular bodies during the course of rickettsial infections.

ULTRAVIOLET RAYS

Effect of ultraviolet radiation on the oxidation of certain Krebs cycle substrates in Vibrio cholerae

UPLAND COTTON

Bacterial blight elmiminated from California

4724

Attack on moco cotton by pink bollworm in Ceara.

The action of urea on turnip yellow mosaic virus. The properties of RNA obtained at the time of artificial capsid formation.

Bronzing disease of rice in Orissa as influenced by soil types and manuring and its control.

4926

4847

The comparative actions of urea and thioglycolate on the representative toxin of Bacillus thuringiensis.

UREDIOSPORES

Infection structures from rust urediospores: Effect of RNA and protein synthesis inhibitors.

4907

Structure of Klein's metabolites of aldrin and of dieldrin.

UROMYCES PHASEOLI

Rust infection protects beans against heat injury

The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease following vaccination with an oil adjuvant inactivated virus vaccine.

Protection against Rinderpest conferred to cattle by an inactivated virus adapted to cattle cells.

The role of interferon in the interference phenomenon between vaccinia virus and fixed rabies virus.

VALINE

Intestinal transport and metabolism of D-amino acids in the silkworm, Bombyx mori L.

VARIANCE ANALYSIS

Investigation of effects of large-scale applica-tions of 2,4-D on aquatic fauna and water quality.

VEGETABLES

Industrial tests of the biological preparation Entobacterin-3 in the USSR.

4612

Practical application of Bacillus thuringiensis.

Blackberry control near orchards and vegetable gardens.

Biological control of snails exerted by Euglandina rosea (Ferussac) in Bermuda. 4786

VEIN BANDING

The viruses of the black and red current.

4705

VENTURIA CANESCENS

Information on a natural bacterial epizootic disease on Ephestia kuhniella Zeller, caused by a bacillus of the type of Bacillus thuringiensis.

4537

VENTURIA INAEOUALIS

Black spot of apple.

4700

VEROMESSOR

Benzaldehyde: Defensive secretion of a harvester

VERTICILLIUM ALBO-ATRUM

New fungicide promises effective and economical plant disease control.

4682

VESICULAR STOMATITIS VIRUS

Evidence of a variant of the vesicular stomatitis virus (Indiana strain) which confers a retarded sensitivity to carbonic gas in Drosophila melanogaster.

4584

Fluorescent antibody techniques for vesicular stomatitis virus.

4799

VESPIDAE

Some effects of castration on the protocerebral neurosecretion of the females of Polistes (Hymenoptera, Vespidae). 460I

VETERINARY MEDICINE

Care and use of veterinary biologics.

492 I

VIBRIO COMMA

The biochemistry of Vibrio cholerae: Part IV. Acid soluble nucleotide constituents.

Effect of ultraviolet radiation on the oxidation of certain Krebs cycle substrates in Vibrio cholerae.

VIROLOGY

Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera diniana (Guenee).

Virus multiplication.

4456 4614

Fluorescent antibody techniques for vesicular stomatitis virus

Studies of serum enzymes in swine infected by two strains of hog cholera virus. 4804

VIRULENCE

Salmonella abony-Salmonella typhimurium recombinant nonvirulent for the mouse. 4822

VIRUS DISEASES (ANIMALS)

The reappearance of rabies in France. First case in a fox in Moselle.

4793

Study of the multiplication, in a unique clone cycle, of classic swine fever virus in an immunofluorescent medium.

4794

Respiratory disease in the pig. II.

4798

Fluorescent antibody techniques for vesicular stomatitis virus.

Studies of serum enzymes in swine infected by two strains of hog eholera virus. 4804	Form and mechanism of transmission of plant viruses. Transmission of viruses by arthropods. 4728	Feeding and nutrition of Lygus hesperus. II Limited growth and development on a meridi diet.
Research on the oncogenic constituents of three zones of hemagglutinating activity, obtained by	Form and mechanism of transmission of plant viruses. Transmission of viruses by nematodes.	The nourishment of milk calves is essential for
centrifugation of polyoma virus purified in densi- ty gradients with eesium chloride.	Several measures used to combat fruit plant	the future of the product.
Quantitative studies on the neutralization reac-	viruses. 4731	WALSHIIDAE A revision of the Cosmopterigidae of America
tion between African horse-sickness virus and antiserum.	Inoculation of Carica papaya L. with the ringspot distortion virus under various conditions.	north of Mexico, with a definition of the Mon phidae and Walshiidae (Lepidoptera
4817	4733	Gelechioidea).
Theory of classification of the densonucleose viruses, based on the study of molecular structures and physioehemical properties.	Studies on the population of the aphid Pentalonia nigronervosa Coq. on banana plants in Kerala.	WATER ANALYSIS Pesticides in water, Pesticides in selecte
4823	4752	western streamsA contribution to the nationa
Characterization of a small porcine DNA virus. 4826	Germination of Russian thistle seeds.	program. 487
The epizootiological importance of foot-and-	VIRUS NEUTRALIZATION 4916	Persistence and movement of parathion in irriga
mouth disease carriers. II. The carrier status of	Quantitative studies on the neutralization reac-	tion waters. 487
cattle exposed to foot-and-mouth disease follow- ing vaccination with an oil adjuvant inactivated virus vaccine.	tion between African horse-sickness virus and antiserum.	Investigation of effects of large-scale applications of 2,4-D on aquatic fauna and water quality
4827	Protection against Rinderpest conferred to cattle	ty. 488
Competitive development of enzymatic activity of transcriptase and replicase in the course of a viral disease in cattle.	by an inactivated virus adapted to cattle cells. 4835	Screening method for zearalenone, aflatoxir and ochratoxin.
4837	VIRUS SEROLOGY Quantitative studies on the neutralization reae-	492
VIRUS DISEASES (INSECTS) Study of the multiplication of Sindbis arbovirus	tion between African horse-sickness virus and antiserum.	Water pollution laws called ambiguous weak . 496
in Drosophila.	4817	WATER CONSUMPTIVE USE Irrigation by spraying.
On the presence of a virus in the testicle of a	VIRUS X Studies on the application of electrophoresis to	465
homopteran inseet. 4555	the isolation of RNA infective fractions from tobacco plants infected with the potato virus X.	WATER POLLUTION The warble fly. 456
Evidence of a variant of the vesicular stomatitis virus (Indiana strain) which confers a retarded sensitivity to carbonic gas in Drosophila	I. Characterisation of RNA preparations from tobacco leaves, analysed by means of electrophoresis in coloured agar gels.	Pesticides in water, Pesticides in selecter western streamsA contribution to the national
melanogåster.	4710	program. 487
VIRUS DISEASES (PLANTS)	VIRUS Y The inheritance of a new source of resistance to	Persistence and movement of parathion in irriga
Effect of high temperatures on the resistance of insects to infectious diseases.	the potato virus Y in pepper (Capsicum annuum L.).	tion waters. 487
4607 Plant protection in agriculture.	VIRUSES 4713	Effects of chronic exposure to zinc on toxieity of a mixture of detergent and zinc.
4670	Study of the multiplication of Sindbis arbovirus	Same nathalagical effects of sub-souts and sout
Basis for a program of papaya, Carica papaya L., improvment in Colombia.	in Drosophila. 4509	Some pathological effects of sub-acute and acute poisoning of rainbow trout by phenol in hardwater.
The action of formamide on turnip yellow mosaic virus: Obtaining artificial capsids.	A preliminary study on the polyhedrosis virus of jute semilooper, Anomis sabulifera Guen. 4516	4896 Water pollution laws called ambiguous weak.
4686	Virus multiplication.	496
Inter-species and inter-genera crosses in Caricaceas and their phytotechnical implications.	Effect of some disinfectants on the flacherie	WATER TREATMENT Investigation of effects of large-scale applications of 2,4-D on aquatic fauna and water quali
4696 The action of urea on turnip yellow mosaic virus.	virus of the silkworm, Bombyx mori L. 4617	ty. 488
The properties of RNA obtained at the time of artificial capsid formation.	Study of the multiplication, in a unique clone cy- cle, of classie swine fever virus in an immu-	WEATHER
4701	nofluorescent medium.	The entomological year 1966.
Form and mechanism of transmission of plant viruses. Transmission of viruses by seeds, pollen and contact of roots.	4794 Preliminary study of an intestinal virus isolated from a lesion in baland-posthite cattle.	Seasonal changes in the direction of mating in Drosophila melanogaster in the experiments with
4702 First evidences of viral infections in plants.	4810 Inhibition of the multiplication of foot-and-	a natural inversion. 4630
The viruses of the black and red currant.	mouth virus in an adult mouse which had first been treated with the adjuvant of Freude.	WEED CONTROL Fairway disease control. 467
4705 Polysome formation with tobacco mosaic virus	VISCERA 4814	Thrips infesting the tips of asparagus spears.
RNA. 4708	Incorporation of tritium-acetamide and tritium- thymidine into the eye disks of Drosophila	Some observations on ecological, physiological and bioehemical aspects of weed control.
Studies on the application of electrophoresis to the isolation of RNA infective fractions from	melanogaster. 4639	477
tobacco plants infected with the potato virus X. I. Characterisation of RNA preparations from	VISION Single unit activity in the visual pathway of the	Response of mixed crop of wheat and rape to three chlorophenoxy herbicides.
tobaceo leaves, analysed by means of electrophoresis in coloured agar gels.	butterfly Heliconius erato. 4605	Finesse in weed control.
4710	VITAMIN E	Wastern standing to be
The inheritance of a new source of resistance to the potato virus Y in pepper (Capsicum annuum	On the antioxidative mechanism of alpha-, beta-, gamma- and delta tocopherols in lard.	Weed control studies in strawberries. 4779
L.). 4713	VITAMINS 4865	Weed control in potato cultures without adverse effects on the potato quality.
Chemical control of some important cereal plant diseases in India.	Nutritional requirements and artifical diets for the silkworm, Bombyx mori L.	Weeds and their control.

4782

(Maubl.) Ashby.

house tomato.

L.) in Iran.

WINGS (INSECTS)

Methyl bromide, Trizone and Telone PBC com-

pared in the control of fusarium wilt of the green-

Fusarium foot rot of kenaf (Hibiscus lannabinus

Some biometrics in Pieris and Colias (Lepidop-

tera: Pieridae) in Quebec and Nova Scotia.

EEDS Bibliography of biological control. VIII.	The role of the exuvial fluid swallowed before cmergence, in the expansion of the wings of	A record of Megachile rotundata (F.) from Ashcroft. British Columbia.
4661	Bombyx mori L	4358
Experimental husbandry farm experience with herbicides and tillage systems for cereal growing. 4678	Prothctely in Carabidae of the genus Pterostichus.	Listing of Trifid noctuidae of France and Belgium. 4361
	4577	
Comparison of various methods for the determination of the herbicidal action of herbicide preparations against annual weeds in sugarbeets	Barriers to genc flow in natural populations of grasshoppers. I. The Black Canyon of the Gun-	Valley centipedes (Chilopoda, Symphyla) from northern Kentucky. 4362
and potatoes. In: Collection of reports given at	nison River and Arphia conspersa.	Taxonomic notes on the Iarva of British Diptera.
the International Herbicide Conference, Prague, June 21-24, 1966.	WOOD BORERS 4650	no. 25, The larva and pupa of Dioctria rufipes (Degeer) (Asilidae).
4774	Protecting larch logs from Tetropium velutinum	4363
Studies of phytotoxicity in the use of herbicides	Leconte with lindane emulsion.	First records of eye-frequenting moths from
for controlling annual weeds in almond orchards.	WOOD DECAY	Ceylon. 4365
Our struggle against pests. ll.	Prescrvative treatments and service life of fence	
4872	posts in Puerto Rico.	On a collection of termites from Daman. 4369
Germination of Russian thistle seeds.	WOOD PROPERTIES	The discovery in France of the Acarina Nemata-
The determination of the embryo viability of	Preservative treatments and service life of fence	lycidae Strenzke while organizing the material from Languedoc-Rousillon.
weed seeds by the TTC method.	posts in Puerto Rico. 4658	4372
4917		Coleoptera of northeast Africa. Brentidae.
EIGHTS	WOOD-DESTROYING INSECTS Wood and bark feeding Coleopters of felled	4373
A criterion of transformation for age-weight data	Wood-and-bark-feeding Coleoptera of felled spruce in interior British Columbia.	Zanclognatha tenuialis Rebel in France (in Al-
on insect larval growth.	4425	sace and L'Isere). (Lep. Noctuidae, Hypeninae).
	Protecting larch logs from Tetropium velutinum	
VESMAELIUS	Leconte with lindane emulsion.	Panthea coenobita Esp. in the French Jura.
A new Wesmaelius from central Asía (Neuroptera, Hemerobiidae).	4754	(Lepidoptera Noctuidae Pantheinae).
4434	WOODPECKERS	4377
	Are woodpeckers the answer to pine bark beetle	Coleoptera from northeast Africa. Mordellidae.
HEAT	attacks . 4450	Supplement: Paraconalia n. gen. a new genus
Role of potash application in reducing black rust of wheat.		from South America. 64. Contribution to the
4680	X-RAYS	knowledge of the Mordellids. 4380
The effect of 3-amino-1,2,4-triazole on the ul-	Susceptibility of irradiated insects to Bacillus thuringiensis infection.	
trastructure of plastids of Triticum vulgare	4519	New Malthodes from western North America (Coleoptera: Cantharidae).
seedlings.	XANTHOMONAS	(Colcoptera: Cantharidae).
4685	Host range of Xanthomonas oryzae in the Philip-	Contribution to the knowledge of the hosts of the
Wheat.	pines.	genus Opius (Hymenoptera, Braconidae).
4691	4689	4385
Polysome formation with tobacco mosaic virus	XANTHOMONAS MALVACEARUM	Lepidoptera of southern Spain.
RNA. 4708	Bacterial blight elmiminated from California gins.	4389
	4724	New genera and species of chalcid flies (Hym.,
Black stem- the second stem disease of grains. 4734	XANTHOMONAS VESICATORIA Bacterial leaf spot of chillies in Kerala State.	Chalcidoidea) and a new species of Foenatopus Smith (Hym., Ichneumonidae, Stephanidae)
Response of mixed crop of wheat and rape to	4719	from Hoggar.
three chlorophenoxy herbicides.	XENOPSYLLA CHEOPSIS	4391
4777	Experimental transmission of plague by	A revision of the Cosmopterigidae of American
Bulk wheat pests can be controlled by simple	Synopsyllus fonquerniei of Madagascar.	north of Mexico, with a definition of the Mom- phidae and Walshiidae (Lepidoptera:
precautions.	4800	Gelechioidea).
4866	YAMS	4395
VILDLIFE	Cultivation of the sapogenin-bearing Dioscorea	Records of Ohio fleas (Siphonaptera).
Residues in fish, wildlife, and estuaries. Chlorinated pesticide levels in the Eastern oyster	species.	4397
(Crassostrea virginica) from selected areas of the	4664	New species of Meubelia Willemse, 1932, from
South Atlantic and Gulf of Mexico.	YELLOW DWARF	the Philippines (Orthoptera: Pyrgomorphidae).
4875	Pessimism over crop diseases.	4400
Residues in fish, wildlife, and cstuaries. Insccti-	4679	A new genus and species of Sciomyzidae from
cide concentrations in wildlife at Presidio, Texas.	YELLOWS	Tanzania, with a key to the genera of the Ethiopi-
4876	The viruses of the black and red currant.	an region and distributional notes (Diptera: Fa-
An evaluation of the effects of the Aedes aegypti	4705	calyptratae).
eradication program on wildlife in South Florida.	ZANCLOGNATHA TENUIALIS	4401
4884	Zanclognatha tenuialis Rebel in France (in Alsace and Usere) (Len Noctuidae Hyperinae)	Tabanidae (Diptera) of the Netherlands.
Use insecticides safely.	sace and L'Isere). (Lep. Noctuidae, Hypeninae).	4403
4901		Systematics of the Cryptocephalinae (Coleop-
VILT	ZEARALENONE Screening method for zearalenone aflatovin	tera, Chrysomelidae) from Soviet Central Asia
Physiological studies on incitants of guava wilt	Screening method for zearalenone, aflatoxin, and ochratoxin.	and Kazakhstan.
Fusarium solani (Mart.) App. and Wr. emend	4928	4408
Snyder and Hansen and Macrophomina phaseoli	7EID ADHED A DINIANA	Contribution to the systematics and zoogeog-

ZEIRAPHERA DINIANA Aspects of virus multiplication and average reduplication time for a granulosis virus of Zeiraphera diniana (Guenee). Effects of chronic exposure to zinc on toxicity of a mixture of detergent and zinc.

Study of the genus Rhytidodus Fieb. (Homop-

tera, auchenorrhyncha) with description of two

88

4357

new species from the Soviet Union.

4389 nera and species of chalcid flies (Hym., oidea) and a new species of Foenatopus (Hym., Ichneumonidae, Stephanidae) ggar. on of the Cosmopterigidae of American Mexico, with a definition of the Mom-Walshiidae and (Lepidoptera: oidea). 4395 of Ohio fleas (Siphonaptera). 4397 ecies of Meubelia Willemse, 1932, from ppines (Orthoptera: Pyrgomorphidae). genus and species of Sciomyzidae from a, with a key to the genera of the Ethiopin and distributional notes (Diptera: Fatae). 4401 ae (Diptera) of the Netherlands. 4403 tics of the Cryptocephalinae (Coleoprysomelidae) from Soviet Central Asia ak hstan. Contribution to the systematics and zoogeography of Halticinae (Col.) in the Canary Islands 4410 A review of darkling beetles of the tribe Leptodini (Coleoptera, Tenebrionidae). Ichneumonidae (Hymenoptera) collected in paddy fields of the Orient, with descriptions of new species. Part 2. Subfamilies Porizontinae, Metopiinae and Diplazontinae. New Palearctic species of the genus Cyphon Payk. IV. Studies on the Helodidae family. IX 4416

ZOOGEOGRAPHY

A revision of the subge	enus Hirtod	rosophila of the
Old World, with desc	riptions of	some new spe-
cies and subspecies	(Diptera,	Drosophilidae,
Drosophila).	-	

Aphids from the subtribe Schizolachnina (A-

phidoidea, Lachninae) in Middle Europe.

Concerning the taxonomic clarification of Narraga tessularia ilia Whli and some remarks about this genus. (Lepidoptera, geometridae).

The first discovery of free-living larvae of the car tick, Otobius megnini (Duges), in British Colum-

4424

On nocturnal darkling beetles of the genus Mclanesthes Lac. (Scoleoptera, Tenebrionidae) from central Kazakhstan.

Abundance and microdistribution of larval Chironomidae in stabilization lagoons.

4432

Identification of the braconid parasites of rice borers (Hymenoptera: Braconidae). 4440

First occurrence of balsam woolly aphid in the interior of British Columbia.

4441

Studies on the Japanese gall midges II, two new and a known species of the genus Camptomyia from Kyushu (Diptera: Cecidomyiidae).

New species of Hypera (Coleoptera, Curculionidae) from the Crimean Mountains.

New species of the genus Trachina Mg. (diptera, Tachnidae), parasites of injurious Lepidoptera in

The introduction, release, and recovery of parasites of the alfalfa weevil in Eastern United States.

4466

Biology, ccology and distribution of Amara pseudocommunis Burak. (Coleoptera, Carabidae).

Aradidae in the Bishop Museum, Honolulu (HemipteraHeteroptera).

Ecological and morphological study of robber flies of the tribe Asilini (Diptera, Asilidae) with descriptions of new genera and species from Kazakhstan and Soviet Central Asia.

Biology of the ant Formica sanguinea Latr.

(Hymenoptera, Formicidae) in the Tien Shan.

Intraspecific qualitative and quantitative variations of the hemolymph proteins of Cophopodisma pyrenae (Fisch.), (Orthoptera, Catantopidae) as a function of biogeographic

The Plecoptera of a headwater stream (Gaitscale Gill, English Lake District).

Observations on the morpho-biology of Pnigalio mediterraneus Ferr. and Del. (Hym. Eulophidae).

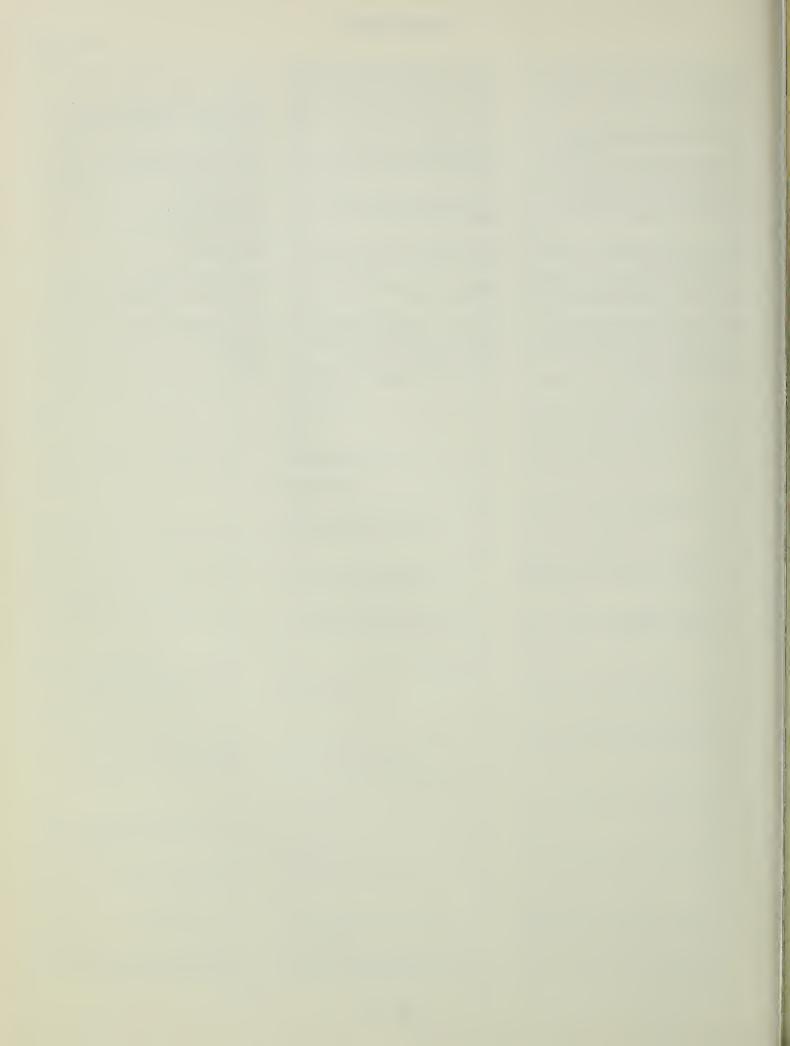
Parallel polymorphism for supernumerary segments in Chorthippus parallelus (Zetterstedt). I. British populations.

Preliminary observations on the choice of host plants by adults of the citrus psylla, Trioza erypreae (Del Guercio) (Homoptera: Psyllidae).

The cicadelle Empoasca flavescens and the grill of grapevines in the South-West of France.

ZOOSPORES

Zoospore in Phytophthora parasitica var. sub-



BIOGRAPHICAL INDEX

Nourchemistry Lab. 4788 Acrista, J. C.M. Cotton Farming and Supplemental Crops, 3637 Agrowal, S. C. Wheat Research Station, Powarkheda, India Agriculture, Summerland, British Columbia, Research Station, Powarkheda, India Alkiban, M. A. Laurentan Univ., Sudbury, Ontario; Dept. of Biology and Agriculture, Summerland, British Columbia, Research Station, Powarkheda, India Alkiban, M. A. Laurentan Univ., Sudbury, Ontario; Dept. of Biology and Agriculture, Summerland, British Columbia, Research Station, Powarkheda, India Alkiban, M. A. Laurentan Univ., Sudbury, Ontario; Dept. of Biology and Agriculture, Summerland, British Columbia, Research Station, Powarkheda, India Alkiban, M. A. Laurentan Univ., Sudbury, Ontario; Dept. of Biology and Agriculture, Poona-5, India Bartels, P. C. Arizona Univ., Netherlands Barrand, C. O. Western Agricultural Chemicals Association, Sarmento, Calif. Allen, A. A. 4354 Allen, A. M. A. 4355 Allen, A. M. A. 4355 Allend, D. M. Bartels, P. C. Arizona Univ., Tucson; Dept. of Biological Sciences, Inst. of Veterinary Medicine, Brno. Crechoslovakia 4795 Allend, D. M. Brigham Young Univ., Provo, Utah Allend, D. M. Brigham Young Univ., Provo, Utah Allend, D. M. Brigham Young Univ., Provo, Utah Allenderson, J. M. Canada Biological Station, St. Andrews, New Brunsein, Frances and Frances, Lab. Anderson, J. M. Canada Biological Station, St. Andrews, New Brunsein, Frances and Frances, Lab. Anderson, J. M. Canada Biological Station, St. Andrews, New Brunsein, Frances and Frances, Lab. Anderson, J. M. Canada Biological Station, St. Andrews, New Brunsein, Frances and Frances, Lab. Anderson, J. M. Canada Biological Station, St. Andrews, New Brunsein, Frances and Frances, Lab. Anderson, J. M. Canada Biological Station, St. Andrews, New Brunsein, Frances and Frances, Lab. Anderson, J. M. Canada Biological Station, St. Andrews, New Brunsein, Frances and Frances, Lab. Arasia, France, La	4464 489., D. C. 492. of En. 446. ab. de. 4686 4629. sticide. 4874
Acesta, J. C. M. Contral Univ. of Venezuela, Maracay; Faculty of Agronomy Agrawal, S. C. Wheat Research Station, Powarkheda, India 4680 Alghisi, P. Apdova Univ., Italy; Istituto di Patologia Vegetule 4681 Alikhan, M. A. Lurentian Univ., Sudbury, Ontario; Dept. of Biology 4447 Allen, A. A. G. S. Barkham, F. L. Barrendse, G. W. M. Nijmegen Univ. Netherlands Allen, A. A. G. Blackheath Park, S. E. 4449 Allen, A. A. G. Blackheath Park, S. E. 4449 Allen, A. A. G. Blackheath Park, S. E. 4449 Allen, A. A. G. Blackheath Park, S. E. 4449 Allen, A. M. Brigham Young Univ., Provo, Utah 4355 Alfred, D. M. Brigham Young Univ., Provo, Utah 4355 Alfred, D. M. Brigham Young Univ., Provo, Utah 4355 Amor, R. Keith Turnbull Research Station, Krankston, Australia; Vermin and Noxious Weeds Destruction Board. 4870 Anderson, J. M. Cananda Biological Station, St. Andrews, New Brunswick; Fisheries Research Board 4882 Arai, N. Sericultural Experiment Station, Suginamik-ku, Tokyo, Japan 4451 Aros-Feran, L. Mas-Planck-last. fur Biologic, Tubingen. West Germany 4627 Ashock, P. D. B. P. Bishop Museum, Honolulu, Hawaiii 4687 Ashew, R. R. Manchester Univ., England; Dept. of Zoology 4883 Ashawar, E. Bernhard-Noch inst. fur Schiffs und Tropen-krankh, Hamburg, West Germany 4853 Bornean, J. B. Control Farming and Supplemental Crops, 3637 Park Avenue, Memphis, Tenn. 3811 4965 Banham, F. L. Control Farming and Supplemental Crops, 3637 Park Avenue, Memphis, Tenn. 3811 4965 Banham, F. L. Control Farming and Supplemental Crops, 3637 Park Avenue, Memphis, Tenn. 3811 4965 Banham, F. L. Column, Supplemental Crops, 3637 Park Avenue, Memphis, Tenn. 3811 4965 Banham, F. L. Column, Supplemental Crops, 3637 Park Avenue, Memphis, Tenn. 3811 4965 Banham, F. L. Column, Supplemental Crops, 3637 Park Avenue, Memphis, Tenn. 3811 4965 Banham, F. L. Column, Supplemental Crops, 3637 B	446 489. 489. 489. 492. of En 446. ab. de 468. ab. de 462. sticide 487. pt. o
Agrawal, S. C. Wheat Research Station, Powarkheda, India Algbisi, P. Algbisi,	489. D. C. 492. of En 446. ab. de 4680 ab. de 446. 4629 t. o 4362
Padovar Univ., Italy; Istituto di Patologia Vegetale Alikhan, M A Laurentian Univ., Sudbury, Ontario; Dept. of Biology 4447 Allen, A A 63 Blackheath Park, S. E. Allen, A A 63 Blackheath Park, S. E. Allen, A A 63 Blackheath Park, London 4448 Allen, A A 63 Blackheath Park, London 4448 Allen, A A 64 Blackheath Park, S. E. Allen, A A 65 Blackheath Park, S. E. Allen, A A 66 Blackheath Park, London 4448 Allen, A A 67 Blackheath Park, London 4449 Allen, A A 68 Blackheath Park, S. E. Allen, A A 69 Blackheath Park, S. E. Allen, A A 69 Blackheath Park, London 4449 Allen, A A 69 Blackheath Park, London 4440 Allen, A A 69 Brigham Young Univ., Provo, Utah Allen, A A 69 Brigham Young Univ., Provo, Utah Amor, R Keith Turnbull Research Station, Krankston, Australia; Vermin and Noxious Weeds Destruction Board. Anderson, J M Canada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board 4892 Anufriev, G A Gorky State Univ., USSR Arai, N Sericultural Experiment Station, Suginami-ku, Tokyo, Japan 4451 Aros-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, West Germany 455 Ashaver, R Manchester Univ., England; Dept. of Zoology Asshaver, E Bernhard-Nocht inst. fur schiffs und Tropenkrankh, Hamburg, West Germany 4850 Asshaver, E Barbier, R Barcher, C Barcen, C W Barrard, C O W Barr	492. 492. 492. 462. 468. 468. 462. 462. 462. 474. 474. 474. 474. 474. 474.
Alkina, M. A. Blookeath Park, S. E. Allen, A. A. 63 Blackheath Park, London Allen, A. A. 63 Blackheath Park, London Allen, A. A. 63 Blackheath Park, S. E. Allen, A. A. 64 Blackheath Park, S. E. Allen, A. A. 65 Blackheath Park, S. E. Allen, A. A. 66 Blackheath Park, S. E. Allen, A. A. 67 Blackheath Park, S. E. Allen, A. A. A. A. Allen, A. A. A. A. A. A. A. Bartels, P. C. Alizona Univ., Trucson; Dept. of Biologica in State Univ., Badon Rouge; Dept. of Lomology Allenders and Booley and Planting and Sciences Allenders and Booley and Planting and Sciences Allenders and Booley and Planting and Planting and Planting and Booley and Planting	492. of En 446. de 4686 ab. de 446. 4629 esticide 4874 pt. o 4362
Allen, A A 63 Blackheath Park, S. E. Allen, A A 63 Blackheath Park, London 4448 Allen, A A 63 Blackheath Park, London 4449 Allen, A A 63 Blackheath Park, London 4449 Allen, A A 63 Blackheath Park, London 4449 Allen, A A 63 Blackheath Park, S. E. 4449 Allen, A A 63 Blackheath Park, S. E. 4449 Allen, A A 63 Blackheath Park, S. E. 4449 Allend, D M Brigham Young Univ., Provo, Utah 4355 Allred, D M Brigham Young Univ., Provo, Utah 4355 Amor, R Keith Turnbull Research Station, Krankston, Australia; Vermin and Noxious Weeds Destruction Board. 4470 Anderson, J M	4462 4680 4680 4680 4629 4629 4874 4874 4874 4874 4874
Allen, A A 63 Blackhcath Park, London 4448 Allen, A A 63 Blackhcath Park, S. E. 4449 Allred, D M Brigham Young Univ., Provo, Utah Amor, R Keith Turnbull Research Station, Krankston, Australia; Vermin and Noxious Weeds Destruction Board. 4356 Amor, R Anderson, J M Canada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board Anufriev, G A Gorky State Univ., USSR Arai, N Carada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board Anufriev, G A Gorky State Univ., USSR Arai, N Carada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board Anufriev, G A Gorky State Univ., USSR Arai, N Carada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board Anylanasin, P 4451 Arcos-Teran, L Ashlock, P D B.P. Bishop Museum, Honolulu, Hawaii Asshauer, E Bernahard-Nocht inst. fur schiffs und Tropen-krankh, Hamburg, West Germany 4853 Bartes, S Research Inst. Carizona Univ., Tucson; Dept. of Biological Ades 4685 Bartes, P C Arizona Alerson, J M Assachusetts Univ., Amherst; Dept. of Massachusetts Univ., Jana, East Germany; Inst. Friederich Schiller Univ., Jena, East Germany; Inst. Friederich Schiller	4629 4629 4629 4629 4629 4629 4874 pt. o
Allen, A A 63 Blackheath Park, S. E. 4449 Allred, D M Brigham Young Univ., Provo, Utah Areon, R Keith Turnbull Research Station, Krankston, Australia; Vermin and Noxious Weeds Destruction Board. Anderson, J M Canada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board Anufriev, G A Gorky State Univ., USSR Arai, N Sericultural Experiment Station, Suginami-ku, Tokyo, Japan 4451 Arcos-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, Germany Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropen- Kenthal Advance of the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst. under the Manada Department of Agriculture, Box 367, Belleville, Ont.; Research Inst.	4463 4629 sticide 4874 pt. o
Allred, D M Brigham Young Univ., Provo, Utah Allred, D M Brigham Young Univ., Provo, Utah Amor, R Keith Turnbull Research Station, Krankston, Australia; Vermin and Noxious Weeds Destruction Board. Anderson, J M Canada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board Anufriev, G A Gorky State Univ., USSR Arai, N Sericultural Experiment Station, Suginami-ku, Tokyo, Japan Aros-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, Germany Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropen- Kanansin, P Allred, D M Bartos, S Research Inst. of Veterinary Medicine, Brno, Czechoslovakia of Veterinary Medicine, Brnoson, B A Basilova (Providence Pernsylvania State Univ., Univ. Park, Pa.; Pest Research Labs. Bradford, A Branson, B A Eastern Kentucky Univ., Richmond; Dept. of Science and Technology, Calcultary, Inst. plancial State Univ., Univ. Park, Pa.; Pest Research Parcor of Parasitology Calcultary, Inst. plancial State Univ., Univ. Park, Pa.; Pest Research Parc	4463 4629 sticide 4874 pt. o
Allred, D M Brigham Young Univ., Provo, Utah Amor, R 4356 Amor, R 4357 Anderson, J M 4358 Anderson, J M 4358 Area, N 4357 Area, N 4357 Area, N 4357 Area, N 4357 Area, L 4351 Area, L 4451 Area, L 4451 Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R 4359 Askew, R R 4369 Askew, R R 4360 Askew, R R 4360 Askew, R R 4360 Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropen- 4360 Ashlouer, E Bernhard-Nocht inst. fur schiffs und Tropen- 4361 Atanasiu, P 4851 Atanasiu, P 4852 Atanasiu, P 4856 Baseman, J B Asseman, J B Massachusetts Univ., Amherst; Dept. of Opent. Amherst; Dept. of Dept. of Dept. of Dept. of Dept. of Microbiology 4796 Aislocy Area (Area (Parasitologie) Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R Amchester Univ., England; Dept. of Zoology Ashlouer, E Bernhard-Nocht inst. fur schiffs und Tropen- Kreiterichase. 4350 Amor, R 4370 Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Ashauer, E Bernhard-Nocht inst. fur schiffs und Tropen- Kreiterichase. 4350 Amore search Labs. 8aseman, J B Massachusetts Univ., Amherst; Dept. of Microbiology Ashlock Univ., Amherst; Dept. of Microbiology Ashlock Univ., Amherst; Dept. of Microbiology Ashlock Pob. 8aseman, J B Baseman, J B Massachusetts Univ., Amherst; Dept. of Microbiology Ashlock Pob. 8asser, R Friederich Schiller Univ., Jena, East Germany: Inst. fur Acker-und Planzenbau Arianasiu State Univ., Univ. Park, Pa.; Pest Research Labs. 8aseman, J B Massachusetts Univ., Amherst; Dept. of Microbiology Ashlock Pob. 8asseman, J B Baseman, J B Basem	4874 pt. o
Amor, R Keith Turnbull Research Station, Krankston, Australia; Vermin and Noxious Weeds Destruction Baseman, J B Massachusetts Microbiology Anderson, J M Canada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board Anufriev, G A Gorky State Univ., USSR Arai, N Sericultural Experiment Station, Suginami-ku, Tokyo, Japan Arcos-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, Germany Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R Manchester Univ., England; Dept. of Zoology Ashauer, E Bernhard-Nocht inst. fur schiffs und Krankst, Hamburg, West Germany Atanasin P Massachusetts Microbiology 4770 Amherst; Dept. of Massachusetts Microbiology 4790 Baseman, J B Massachusetts Microbiology 4790 Anherst; Dept. of Massachusetts Microbiology 4790 Branson, B A Eastern Kentucky Univ., Richmond; Dept. of tomology 4791 Brouse-Gaury, P Laboratoire de Parasitologie, Paris, France 4854 Agricultural Research Service, Ames, I Andwirtschaftliche Versuchsstation, Limburger-hof, West; Germany 4850 Ashauer, E Bernhard-Nocht inst. fur schiffs und Krankst, Hamburg, West Germany 4853 Atanasin P 4854 Baseman, J B Massachusetts Univ., Amherst; Dept. of Univ., Amherst; Dept. of Horizonical State Univ., Univ. Park, Pa.; Pest Research Labs. Braanon, B A Eastern Kentucky Univ., Richmond; Dept. Broand, P Manchester Muscum, Great Britain; Dept. of tomology 4771 Brouse-Gaury, P Laboratoire d'Evolution des Etrcs Organ Paris,; France Bedford, E C Care Tobacco Research Inst., Rustenburg, South Africa 4771 Ashlock, P D Basuer, E Bedford, E C G Care Tobacco Research Inst., Rustenburg, South Africa 4771 Ashlock, P D Brouse-Gaury, P Laboratoire d'Evolution des Etrcs Organ Paris,; France Brown, C L Agricultural Research Service, Ames, I Agricultural Research Service, Entomore, West; Germany 4772 Ashlock, P D Brouse-Gaury, P Laboratoric d'Evolution, V. J., Dept. of Biology Brown, C L Agricultural Research Service, Entomore, West, Germany 4771 Brown, C L Agricultural Research Service,	4874 pt. o 4362
Baseman, J B Massachusetts Microbiology Anderson, J M Canada Biological Station, St. Andrews, New Brunswick; Fisheries Research Board Anufriev, G A Gorky State Univ., USSR Arai, N Sericultural Experiment Station, Suginami-ku, Tokyo, Japan Arcos-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, Germany Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Ashauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh; Hamburg, West Germany 4853 Atanasin, P Ashauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh; Hamburg, West Germany 4853 Atanasin, P Baseman, J B Massachusetts Univ., Amherst; Dept. of Microbiology 4777 Basu, S K University Coll. of Science and Technology, Calculta 9,; India; Dept. of Biochemistry 4922 Bazin, J C Laboratoire de Parasitologie, Paris, France 4854 Bedford, E C G Care Tobacco Research Inst., Rustenburg, South Africa 4359 Ashuer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh; Hamburg, West Germany 4853 Ashauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh; Hamburg, West Germany 4853 Benz, G Branson, B A Eastern Kentucky Univ., Richmond; Dept. of Dept. of Dept. of Manchester Univ., Richmond; Dept. of Dept. of Dept. of Science and Technology, Calculta 9,; India; Dept. of Biochemistry 4922 Bazin, J C Laboratoire de Parasitologie, Paris, France 4854 Bedford, E C G Care Tobacco Research Inst., Rustenburg, South Africa 4771 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4772 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4782 Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, M H Agricultural Research Service; En	pt. o
Anderson, J M Anderson, St. Andrews, New Brunswick; Fisheries Research Board Anufriev, G A Gorky State Univ., USSR Arai, N Sericultural Experiment Station, Suginami-ku, Tokyo, Japan Arcos-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, West Germany Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R Manchester Univ., England; Dept. of Zoology Ashuer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh, Hamburg, West Germany Atanasiu, P Astanasiu, P Bassler, R Friederich Schiller Univ., Jena, East Germany; Inst. fur Gerich Schiller Univ., Jena, East Germany; Inst. fur Acker-und Pflanzenbau 4771 Bassler, R Friederich Schiller Univ., Jena, East Germany; Inst. fur Acker-und Pflanzenbau 4771 Bassler, R Friederich Schiller Univ., Jena, East Germany; Inst. fur Acker-und Pflanzenbau 4771 Basu, S K University Coll. of Science and Technology, Calcutta 9,: India; Dept. of Biochemistry 4922 Bazin, J C Laboratoire de Parasitologie, Paris, France Bedford, E C G Care Tobacco Research Inst., Rustenburg, South Africa 4741 Behrendt, S Landwirtschaftliche Versuchsstation, Limburger-hof, West; Germany 4772 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4772 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4772 Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, M H Agricultural Research Service; Entomore, Research Div. Brunson, E Bassler, R Friederich Schiller Univ., Jena, East Germany, Inst. Manchester Muscum, Great Britain; Dept. of tomology Brounce-Gury, P Laboratoire d'Evolution des Etres Organ Paris.; France Brown, C L Agricultural Research Service, Ames, I Animal Health Div. Brunson, M H Agricultural Research Div. Brunson, M H Agricultural Research Div. Brunson, E Bassler, R Friederich Schiller Univ., Jena, East Germany, Inst. Manche	
Anufriev, G A Gorky State Univ., USSR Arai, N Sericultural Experiment Station, Suginami-ku, Tokyo, Japan 4451 Arcos-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, Germany Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R Manchester Univ., England; Dept. of Zoology Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropenkrankh,; Hamburg, West Germany 4853 Atanasiu, P Arai, N Suginami-ku, Tokyo, Japan 4451 Basu, S K University Coll. of Science and Technology, Calcutta 9,; India; Dept. of Biochemistry 4922 4854 Brown, C L Agricultural Research Service, Ames, Indianial Health Div. Brown, V M Belgrade Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, Indianial Health Div. Brown, V M Belgrade Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, Indianial Health Div. Brown, V M Belgrade Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service; Entomore, South Africa Aricas Brows, C L Agricultural Research Service, Ames, Indianial Health Div. Brown, V M Belgrade Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service; Entomore, South Africa 4772 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4772 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4774 Bernhard-Nocht inst. fur schiffs und Tropen-krankh,; Hamburg, West Germany 4853 Berno, G	
Arai, N Sericultural Experiment Station, Suginami-ku, Tokyo, Japan Arcos-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, Germany Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R Manchester Univ., England; Dept. of Zoology Ashauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh.; Hamburg, West Germany Atanasin, P University Coll. of Science and Technology, Calcutta 9.; India; Dept. of Biochemistry 4922 Bazin, J C Laboratoire de Parasitologie, Paris, France Bedford, E C G Care Tobacco Research Inst., Rustenburg, South Africa 4854 Bedford, E C G Care Tobacco Research Inst., Rustenburg, South Africa 4741 Behrendt, S Landwirtschaftliche Versuchsstation, Limburger-hof, West; Germany 4360 Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh.; Hamburg, West Germany 4853 Beirne, B P Canada Department of Agriculture, Box 367, Beleville, Ont.; Research Institute 4742 Benz, G Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service; Entonome Research Div. Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Biology Arange Princeton Univ., N. J.; Dept. of Biology Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricultural Research Service, Ames, I Adrigate Univ., Yugoslavia; Dept. of Zoology Brunson, M H Agricult	of En- 4363
Arcos-Teran, L Max-Planck-Inst. fur Biologie, Tubingen, West Germany Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R Manchester Univ., England; Dept. of Zoology Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh.; Hamburg, West Germany Astanasin, P Bazin, J C Laboratoire de Parasitologie, Paris, France 4854 Bedford, E C G Care Tobacco Research Inst., Rustenburg, South Africa 4741 Behrendt, S Landwirtschaftliche Versuchsstation, Limburger-hof, West; Germany 4360 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute Atanasin, P Brown, V M Belgrade Univ., Yugoslavia; Dept. of Zoology Bruce, V G Princeton Univ., N. J.; Dept. of Biology Brunson, M H Agricultural Research Service, Ames, I Agricultural Research Servi	
Ashlock, P D B. P. Bishop Museum, Honolulu, Hawaii Askew, R R Manchester Univ., England; Dept. of Zoology Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh.; Hamburg, West Germany Ashauer, P Bernhard-Nocht inst. fur schiffs und Tropen-krankh.; Hamburg, West Germany Ashauer, P Bedford, E C G Care Tobacco Research Inst., Rustenburg, South Africa 4359 Behrendt, S Landwirtschaftliche Versuchsstation, Limburger-hof, West, Germany 4360 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4853 Benz, G Animal Health Div. Brown, V M Belgrade Univ., Yugoslavia; Dept. of Zoology Princeton Univ., N. J.; Dept. of Biology Brunson, M H Agricultural Research Service; Entomore Research Div. Brygoo, E R	4464 Iowa
Askew, R R Manchester Univ., England; Dept. of Zoology Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh.; Hamburg, West Germany 4853 Behrendt, S Landwirtschaftliche Versuchsstation, Limburger-hof, West; Germany 4360 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4853 Beigrade Univ., Yugosiavia; Dept. of Zoology Bruce, V G Princeton Univ., N. J.; Dept. of Biology Brunson, M H Agricultural Research Service; Entomore Research Div. Beigrade Univ., Yugosiavia; Dept. of Zoology Bruce, V G Princeton Univ., N. J.; Dept. of Biology Brunson, M H Agricultural Research Div. Beigrade Univ., Yugosiavia; Dept. of Zoology Bruce, V G Princeton Univ., N. J.; Dept. of Biology Brunson, M H Agricultural Research Div. Brygoo, E R	4799
Asshauer, E Bernhard-Nocht inst. fur schiffs und Tropen-krankh.; Hamburg, West Germany 4853 Atanasin, P Hof, West; Germany 4772 Beirne, B P Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4853 Atanasin, P	4894
Bernhard-Nocht inst. fur schiffs und Tropen-krankh.; Hamburg, West Germany 4853 Canada Department of Agriculture, Box 367, Belleville, Ont.; Research Institute 4742 Benz, G Agricultural Research Service; Entomogenerate description of Agricultural Research Div. Agricultural Research Service; Entomogenerate description of Agricultural Research Div.	4465
Atanasiu, P Benz, G Brygoo, E R	ology 446 <i>6</i>
Institut Pasteur, Paris, France; Service de la Rage Eligienossische Technische Hochschole, Zurich,	4800
Auber, J Centre National de la Recherche Scientifique, Paris,; France; Lab. de Microscopie electronique Benza, J C Agrarian Univ., La Molina, Peru 4456 Buchwalder, R Humboldt-Univ., Berlin, West Germany; Inst Parasitologie und Veterinarmedizinische Zoologie 4653	
Auber, J Centre National de la Recherche Scientifique 4452 Berendes, H D Max-Planck-Inst. fur Biologie, Tubingen, West Germany Buffet, M Institut de Recherches du Coton et des Textiles oti; Ques, Bebedjia, Chad	es Ex-
appliquee a la; Biologie Bergerard, J Faculte des Sciences, Orsay, France; Lab. de Bugg Jr., J C Public Health Service, Dauphin Island, Ala.; Courte Health Service, Dauphin Island, Ala.;	4654 Gult;
Jouy-en-Josas, France Bird, F T Bugiani, A Color: S. A. Bosel, Suitementard, Services	4875
Avidov, Z Ontario,; Canada; Dept. of Forestry The Hebrew University, Rehovot, Israel; Faculty of Avidov, Z Ontario,; Canada; Dept. of Forestry 4458	4655
Agriculture 4454 Aynaud, J M Institut National de la Recherche Agronomique, Arrivational de la Recherche Agronomique, Institut National de la Recherche Agronomique, Aynaud, J M Institut National de la Recherche Agronomique, Aynaud, J M Institut National de la Recherche Agronomique, 4459 Institut National de la Recherche Agronomique, biologique et de; Biocenotique	
	4468
Bagda, H Ankara Univ., Turkey; Botany Dept. Blum, M S Georgia Univ., Athens; Dept. of Entomology Biologique Laboratoire dc Biocoenotique et de l Biologique	

BIOGRAPHICAL INDEX

Burges, H D

Burges, H D Agricultural Research Council, Slough, England; Pest Infestation Lab.	Chan, H Kansas State Univ., Manhattan; Div. of Biology 4805	Damico, J N Food and Drug Administration, Washington, D. C. 20204; Div. of Food Chemistry
4864 Burgoyne, W E California Univ., Davis; Dept. of Agricultural En-	Chararas, C Institut National Agronomique, Paris, France; Lab. de Zoologie	Damoiseau, R Institut royal des Sciences naturelles de Belgique,;
gincering	4475	Brussels
Busselet, M Centre de Biologie cellulaire, Clermont-Ferrand,	Chararas, C Institut National Agronomique, Paris, France; Lab.	Damoiseau, R Institut royal des Sciences naturelles de Belgique;
France; Lab. de Zoologie	de Zoologie 4476	Brussels
4469	Chari, M S	4374
Buttiker, W CIBA Ltd., Switzerland	Institute of Agriculture, Anand, India 4477	Davis, E.J. Kansas State Board Of Agriculture Lab.,; Topeka
4365	Chatterjee, P N	4895
Buys, C Etablissements Barbaret, La Londe, France; Lab.	Forest Research Institute, Dehra Dun, Uttar Pradesh, India; Branch of Forest Entomology	North Carolina Univ., Chapel Hill; Dept. of En-
de Physiologie Vegetale 4656	4369	vironmental Sciences and Engineering 4896
Calvo, J M	Chattopadhyay, S B	Day, M F
Cornell Univ., Ithaca, N. Y.; Dept. of Biochemistry	Kalyani Univ., West Bengal, India; Dept. of Plant	Commonwealth Scientific and Industrial Research
and Molecular Biology	Pathology 4657	Organiza; Tion, Canberra, Australia; Div. of En-
4801	Chattopadhyay, S B	tomology
Campbell, C H	Central Potato Research Inst., Patna, India	1484
Agricultural Research Service, Greenport, N. Y.;	4688	De Barjac, H
Plum Island Animal Disease Lab.	Chudnoff, M	Institut Pasteur, Paris, France; Service des Vaccins
4802	Institute of Tropical Forestry, Rio Piedras, P. R.	4485
Campbell, R L	4658	de Proce, J M
Ohio Agricultural Research and Development	Cmelik, S H W	I. N. A., France
Center, Wooster; Dept. of Zoology and Entomolo-	University Coll., Salisbury, Rhodesia; Dept. of	4787
gy 4743	Biochemistry	Dennhofer, L
Cantacuzene, A M	4478	Johannes Gutenberg-Univ., Mainz, West Germany;
Faculte des Sciences, Paris, France; Lab. de	Coates, T J	Inst. fur Genetik 4632
Biologie animale, C	Plant Protection Research Inst., Pretoria, South	Deshmukh, K
4470	Africa	Haffkine Inst., Parel, Bombay 12, India
Capener, A L	4370	4927
Plant Protection Research Inst., Pretoria, South	Coates, T J	Di Mattei, P
Africa	Plant Protection Research Inst., Pretoria, South	Rome Univ., Italy; Istituto di Farmacologia Medica
4366	Africa 1371	4877
Capener, A L.	Coineau, Y	Diaz, M O
Plant Protection Research Inst., Pretoria, South Africa	Laboratoire Arago, Banuyls-sur-Mer, France	Instituto de Investigación de Ciencias Biologicas,:
4367	4372	Montevideo, Urugway; Dept. Of Cytogenetics
Capener, A L	Corbiere, G	4633
Plant Protection Research Inst., Pretoria, South	Institut de Neurophysiologie et	Dimond, J B
Africa	Phychophysiologie.; Marseille, France; Dept. du	Maine Univ., Orono; Dept. of Entomology 4878
4368	Comportement animal	Domanska, H
Carlson, W	4479	Agricultural Academy, Warsaw, Poland; Faculty of
Illinois Univ., Urbana 61801; Agricultural Experi-	Costa, M V da	Plant Cultivation
ment Station	Centre National de la Recherche Scientifique, Bel-	4773
4964	levue,; France; Centre de Recherches sur la Nutri-	Dostal, H C
Cassagnau, P Faculte des Sciences, Toulouse, France; Lab. de	tion	Purdue Univ., Lafayette, Ind.; Dept. of Horticul-
Zoologie	Continue D.F.	ture
4630	Costantino, R F	4906
Cassidy, D R	Pennsylvania State Univ., University Park; Dept. of Biology	Douault, P
Agricultural Research Service, Ames, Iowa;	4481	Station de Recherches sur l'Abeille et les Insectes;
Animal Health Div.	Courtois, J E	Sociaux, Bures-sur-Yvette, France 4486
4803	Faculte de Pharmacie, Paris, France; Lab. de	Drebble, M L
Cassidy, D R	Chimie Biologique	Department of Forestry and Rural Development,
Agricultural Research Service, Ames, Iowa;	4482	Ottawa
Animal Health Div. 4804	Cramer, R	4375
Cassier, P	Faculte des Sciences, Orsay, Erance; Inst. du Radi-	Drees, H
Laboratoire d'Evolution des Etres organises, Paris,;	um, Biologie	Bad Godesberg, West Germany
France	Crouse H V	4897
4471	Crouse, H V Florida State Univ., Tallahassee; Inst. of Molecular	Duben, Z
Cassier, P	Biophysics	Central State Vcterinary Inst., Prague,
Laboratoire d'Evolution des Etres organises, Paris,;	4631	Czechoslovakia 4807
France	Crouzel, I S	Dufay, C
Cottin n P	Instituto Nalional de Tecnologia Agropecuaria	Faculte des Sciences, Lyon, France; Lab. de
Catlin,p B California Univ., Davis; Dept. of Pomology	(INTA),; Villa Udaondo-Castelar, Prov. Buenos	Zoologic generale
4687	Aires, Argentina; Instituto de Patologia Vegetal	4487
Cazal, M	4483	Dufay, Cl
Faculte des Sciences, Montpellier, France; Lab. de	Culley, D D	Faculte des Sciences, Lyon, France; Laboratoire de
Zoologie	Mississippi State Univ., State Coll., Miss.	Zoologie
4473	D'A marc. I	Parfert CI 4376
Cazal, M	D'Arces, J	Dufay, Cl.
Faculte des Sciences, Montpellier, France; Lab. de	Ecole Nationale Superieure Agronomique 4789	Faculte des Sciences, Lyon, France; Laboratoire de Zoologie Generale
Zoologie 4474	D'At de Saint-Foulic, J	Zoologie Generale
Censi, G	Compagnie d'Amenagement des Landes et de	Duggan, R E
Societa Americana Prodotti Antiparassitari, Rome,	Gascogne.; France; Service des Etudes d'hydrau-	Department of Health, Education, and Welfare,
Italy	lique	Washington,; D. C.; Food and Drug Administration
4945	4659	4880
Chakravorty, A K	Dalmacio, S C	Dunkle, L D
Bose Inst., Calcutta 9, India; Radiochemical Lab.	Philippines Univ., Manila; Dept. of Plant Pathology	Michigan Univ., Ann Arbor; Dept. of Botany 4907
4925	4689	4907

Dyte, C E Agricultural Research Council, Slough, England; Pest Infestation Lab.	French, R A D. S. I. R., Christehurch, New Zealand 4866	Grassman, A Freie Univ., Berlin, West Germany; Physiologiseh- Chemisches Inst.
Eichhorn, O Commonwealth Inst. of Biological Control,	Frenkel, J K Kansas Univ. School of Medicine, Kansas City; Dept. of Pathology and Oncology	Gray, P H H Digby, R. R. 2, Nova Scotia
Delemont, Switz; Erland; European Station 4660	Fristrom, D	Gressitt, J L
Eichler, W Kleinmaehnow, Klausenerstrasse 11, East Germany	California Univ., Berkeley; Dept. of Genetics 4634 Fukuda, T	Bishop Museum, Honolulu, Hawaii 4388 Grigorova, R
Einstein, E R California Univ. School of Medicine, San Fran-	Serieultural Experiment Station, Suginami-ku, Tokyo, Japan 4492	Forestry Institute, Sofia, Bularia 4503 Grogan, R G
eisco; Dept. of Neurology 4808	Fukuda, T Serieultural Experiment Station, Suginami-ku,	California Univ.,davis; Dept. of Plant Pathology 4694
El-Tahtaoui, M M Institute for Scientific Research in Plant Protection of; the Ukraine, USSR.	Tokyo, Japan 4493 Garibaldi, A	Grossman, A I United Soviet Socialist Republic Academy of Sciences,; Moscow; Inst. of General Genetics
Eppley, R M Food and Drug Administration, Washington, D. C.	Padova Univ., Italy; Istituto di Patologia Vegetale 4692 Gaspar, T	Guilhon, J Ecole nationale veterinaire, Alfort, France; Lab. de
20204; Div. of Food Chemistry 4928 Ermisch, K	Liege Univ., Belgium; Lab. de Biologie generale 4908 Gaumont, J	Parasitologie 4857 Gupta, O P
Leipzig, Marchenwiese 47, West Germany 4380 Euzeby, J	Faculte des Sciences, Reims, France; Lab. de Zoologie	Indian Agricultural Research Inst., New Delhi, India; Div. of Agronomy
Ecole Veterinaire, Lyon, France; Lab. de Parasitologie 4809	Gautier, J Y Faculte des Sciences, Rennes, France; Lab. d'Ethologie	Gupta, S K National Dairy Research Inst., Karnal (Punjab), India
Evans, D E Coffee Research Station, Ruiru, Kenya 4744	Gazzolo, L Unite de Virology, Lyon, France	4791 Hackman, W Zoological Museum, Helsinki, Finland
Faber, F L Economic Research Service, Washington D. C.; Marketing Economics Div.	Getsova, A B USSR Academy of Sciences, Leningrad; Zoological Inst.	Hall, T F Tennessee Valley Authority, Muscle Shoals, Ala.;
Fassatiova, O Charles Univ., Prague, Czechoflavakia; Dept. of Botany	Gharagozlou, I D Laboratoire d'Evolution des Etres organises, Paris,;	Reservoir Eeology Branch 4504 Haque, H
Faye, P Institut National de la Recherche Agronomíque,	France 4498 Giliomee, J H	Department of Loeust Warning and Plant Quarantine,; Karachi, Pakistan; Radio Isotope and Radiation Lab.
Paris.; France; Lab. de Recherches 4810	Stellenboseh Univ., South Africa; Dept. of Entomology 4387	4505 Harbo, J R Cornell Univ., Ithaca, N. Y.; Dept. of Entomology
Federintchik, N S Institut for Plant Protection, Leningrad, SUUR 4489	Gimesi, A Research Inst. for Plant Protection, budapest, Hungary	Harden, F. J. Ontario Dept. of Agriculture and Food, Ridgetown,
Fedoseyeva, L I Moseow Univ., USSR; Dept. of Entomology 4381	Giroud, P Institut Pasteur, Paris, France; Service des Rickett-	Canada 4816 Harman, D M
Fender, K M Linfield Research Inst., McMinnville, Oreg. 4382	sioses 4813 Glotoff, N V	Maryland Univ., LaVale; Natural Resources Inst. 4506 Harz, K
Ferguson, D L Nebraska Univ., Lineoln; Coll. of Agriculture and Home Economics	United Soviet Socialist Republic Academy of Medical; Sciences, Obninsk; Inst. of Medical Radiology	Munich, Hermann-Lons-Str. 15, West Germany 4390 Hasegawa, K
Feyerabend, G Deutsche Akademie der Landwirtschaftswis-	Goncalves, J R Incituto de Pesquisas e Experimentaeao	Nagoya Univ., Japan; Sericultural Lab. 4508 Hazrati, A
senschaften.; Berlin, East Germany; Biologische Zentralstelle 4774	Agropeeuarias do; Norte, Belem, Para, Brazil 4693 Gopal, R	Near East Animal Health Inst., Teheran, Iran; Razi Serum and Vaccine Inst.
Field, G Rhode Island Univ., Kingston; Dept. of Plant Pathology-Entomology	Indian Agricultural Research Inst., New Delhi-12, India; Div. of Agronomy 4776	Hedqvist, K J Royal College of Forestry, Stockholm 4817
Fischer, M Naturhistorisches Museum, Vienna, Austria	Gorhe, D Institut National de la Recherche Agronomique,; Yyelines, France; Station de Recherches de	Heinrich, G H Dryden, Maine
Fischer, M Naturhistorisches Museum, Wien, Austria; Zoologische Abteilung	Virologie et d'Immunologie 4814 Gose, K Gojo Senior High School	Herbulot, C Paris, France
4385 Foulk, J D California Univ., Riverside; Dept. of Entomology	Gotwald, W H Utiea Coll. of Syracuse Univ., N. Y.; Dept. of	Herreng, F Faculte des Sciences, Orsay, France; Lab. de Biologie cellulaire III
Fourche, J Centre National de la Recherche Scientifique,; Vil-	Biology 4499	4509 Herter, K Berlin, Wrangelstrasse 5, West Germany
leurbanne, France; Section de Biologie generale et appliquee	Gouranton, J Faculte des Sciences, Rennes, France; Lab. de Biologie cellulaire	Hewitt, G M
Franz, J M Institut fuer biologische Schaedlingsbekaempfung;	Grandison, G S Department of Scientific and Industrial Research,	East Anglia Univ., Norwich, England; School of Biological Sciences 4638
Kraniehsteiner Strasse 62, Darmstadt, West Germany 4661	Nelson,; New Zealand; Entomology Div. 4767 Granzien, C K	Heyrovsky, L Prague, Czeehoslovakia 4394
Frear, D E H Pennsylvania State University, State College	Queensland Dept. Primary Industries, Yeerong-	Hirose, Y Vonen Univ. Koho Japan: Dont of Riology

BIOGRAPHICAL INDEX

Hodges, R W

Hodges, R W Agricultural Research Service, Washington 25, D. C.; Entomology Research Div.	John, B Birmingham Univ., England; Dcpt. genetics 4640	Kobayashi, M Sericultural Experiment Station, Suginami-ku, Tokyo, Japan
Hodgson, C J Wye Coll., Kent, England	Johnson, C Manchester Muscum, England; Dept. of Entomology	Korcz, A Katedra Entomologii WSR, Poznan, Poland
Hodgson, E North Carolina State Univ., Raleigh; Dept. of En-	Johnson, C Manchester Museum, England; Dept. of Entomolo-	Kormileu, N A Brooklyn, New York
tomology Hoffee, P A	Joly, P	Koslinska, M Instytut Sadownictwa, Dsierniewice, Poland
Pittsburgh Univ., Pa.; Dcpt. of Microbiology 4818 Hoffmann, J A	Faculte des Sciences, Strasbourg, France; Lab. de Biologie Generale	Kovats, I T Technical Sciences Univ., Budapest, Hungary; Inst.
Faculte des Sciences, Strasbourg, France; Lab. de Biologie Generale 4512	Jonard, G Laboratoire des Virus de Plantcs, Strasbourg, France	for Food Chemistry 4865 Kovoor, J
Hollande, A Centre National de la Recherche Scientifique, Paris,; France; Lab. de Microscopie electronique	Judd, W W Western Ontario University, London, Ontario;	Laboratoire d'Evolution des Etres organises, Paris,; France 4535
Horne, W Texas A and M Univ., College Station	Dcpt. of Zoology Kafatos, F C	Krishnapillai, V Monash Univ., Clayton, Australia; Faculty of
Horovitz, S Central Univ. of Venezuela, Maracay; Faculty of	Harvard Univ., Cambridge, Mass.; Biological Labs. 4523 Kalich, J	Science 4822 Kunze, L
Agronomy 4696 Howell, G S	Institute of Animal Hygiene, Munich, West Germany 4820	Biologische Bundesanstalt fur Land- und Forst- wirtschaft,; Heidelberg, West Germany; Inst. fur Obstkrankheiten
Minnesota Univ., St. Paul; Dept. of Horticultural Science 4514	Kapoor, N K Central Drug Research Inst., Lucknow, India 4930	Kurian, N J College of Agriculture, Poona, India; Plant
Humphreys, J G Virginia Polytechnic Institute, Blackburg; Dept. of Entomology	Keat, R Glasgow Univ., England; Chemistry Dept. 4931	Pathological Lab. 4703 Kurstak, E
Hunnius, W Bayerische Landessaatzuchtanstalt, Weihen-	Keep, E East Malling Research Station, Maidstone, Kent, England	Montreal Univ.,; Dept. de Microbiologie et Immunologie 4823
stephan, West; Germany 4697 Hurpin, B	4746 Kelly, R J The Swiubb Inst. for Medical Research, New Brun-	Kurstak, E S I. N. R. A., La Miniere par Versailles, France; Laboratoire de Biococnotique et de Lutte
Laboratoire de Lutte Biologique et de Biocoenotique,; La Miniere, par Versailles, France 4515	swick, N. J. 4524 Kernohan, E A	Biologique 4537 Kurtz-Fritsch, C
Hurtig, H Canada Dcpt. of Agriculture 4956	Sydney Univ., Australia; Dairy Research Foundation 4821	Laboratoire des Virus des Plantes, Strasbourg, France
Hussain, M Z West Pakistan Veterinary Research Inst., Lahore 4858	Kerr, C F Chipman Chemical Co., Inc., Kalamazoo, Mich.	Kury, C R Cornell Univ., Ithaca, N. Y.; Dept. of Conservation 4883
Huxley, P A Coffee Research Foundation, Nairobi, Kenya 4698 Ishaque, M	Kevan, D K McE McGill Univ., Canada; Dept. of Entomology And Lyman Entomol. Museum 4400	Laan, P A van der Amsterdam Univ., Netherlands; Lab. voor toegepaste Entomologie
Central Jute Research Inst., Tejgaon, Dacca, Pakistan 4516	Khan, A A Lucknow Univ., India; Dept. of Biochemistry 4910	Lambers, D H R Bladluisonderzoek Nederlandse Centrale Organisatie voor; Toegepastnatuurwetenschappelijk
Iswaran, V Indian Agricultural Research Institute, New Delhi, India; Division of Microbiology	Kidwai, A M Central Drug Research Inst., Lucknow, India 4792	Onderzoek, Bennekom 4402 Lamy, M
Ito, T Sericultural Experiment Station, Suginami-ku,	Klement, Z Research Inst. for Plant Protection, Budapest, Hungary	Faculte des Sciences, Bordeaux, France; Lab. de Biologie animale 4538
Tokyo, Japan 4517 Ito, T	Klimov, A N Research Inst. of Antibiotics, Leningrad, USSR	Landschutz, Chr Max-Planck-Inst. fur Immunbiology, Freiburg, West Germany; Forschergruppe Praventivmedizin
Sericultural Experiment Station, Suginami-ku, Tokyo, Japan 4518	Knerer, G Toronto Univ.; Lab. d'Evolution des Etres or-	Lange, A H California Univ., Riverside
Jafri, R H Czechoslavak Academy of Sciences, Prague; Insect Pathology Lab.	ganises 4526 Knerer, G	Lange,a H California Univ., Riverside
Jalil, M Kentucky Univ., Lexington; Dept. of Entomology	Laboratoire d'Evolution des Etres Organises, Mar- seille,; France; Station Biologique des Eyzies 4527	Langridge, D F
Janson, B F Ohio State Univ., Columbus	Knerer, G Laboratoire d'Evolution des Etres organises, Paris,; France	Department of Agriculture, Ferntree Gully, Victoria,; Australia; Apicultural Research Unit 4539
Jarolmen, H American Cyanimid Co., Princeton, N. J.; Agricul-	Knerer, G Toronto Univ., Ontario; Dept. of Zoology	Lantin, B Station de Recherches d'Arborculture Fruitiere, Angers,; France
Jayarathnam, K	Knight, H H Iowa State Univ. of Science and Technology,	Lauge, G Faculte des Sciences, Orsay, France; Labs. de
India Rubber Research Inst., Kottayam-9, Kerala State; Pathology Div. 4521	Ames; Dept. of Zoology and Entomology 4530 Knutson, L V	Zoologie et d'Entomologie 4540 Laverdure, A M Faculto des Sciences Orany France, Lub de
Jenkins, P T Victorian Plant Research Inst., Australia	Cornell Univ., Ithaca, N. Y.; Dept. of Entomology and Limnology	Faculte des Sciences, Orsay, France; Lab. de Biologie animale S. P. C. N.

Laverdure, A M Faculte des Sciences, Orsay, France; Lab. de Biologie animale S. P. C. N. 4542	Lysenko, O Institute of Entomology, CSAV, Prague, Czechoslovakia; Dept9 of Insect Pathology	Meiffren, M Office de la Recherche scientifique et technique outre-mere, Bondy, France 470
Laville, E Faculte des Sciences d'Orsay, Essonne, France; Lab. de Biologie experimentale 4706	Macfadyen, A The New Univ. of Ulster, Coleraine, Northern Ireland; School of Biological and Environmental Sciences	Mesa, A Melbourne Univ., Parkville, Australia; Dept. o Genetics 464
Le Berre, J R Faculte des Sciences, Orsay, France; Lab. d'Entomologie 4543	Mackauer, M J P Canada Dept. of Agriculture, Belleville, Ontario; Research Branch; Research Institute	Michel, M F Institut Pasteur, Paris, France; Service de Parasitologie vegetale 456
Le Berre, J R Centre National de la Recherche Agranomique, Orsay, France; Laboratoire d entomologie	4350 Madar, J Czechoslovak Entomological Society, Prague	Miczulski, B Katedra Ochrony Roslin WSR, Lublin, Poland 456
4544 Le Goff, L Institute Pasteur, Paris, France; Service de Photomicrographie et Oncologie Vegetale	Madsen, H F Canada Agriculture, Summerland, British Columbia; Research Station	Miczynski, K A College of Agriculture, Cracow, Poland; Chair Ol Botany 4710
Lecadet, M-M Institut Pasteur, Paris, France; Service des	Maillard, Y P Faculte des Sciences, Nantes, France; Lab. de	Mielke, J L Forest Service, Logan, Utah; Intermountain Fores and Range Experiment Station 471
Polyosides 4933 Leclercq, M Faculte des Sciences agronomiques de l'Etat, Gem-	Zoologie 4554 Maillet, P L Faculte des Sciences, Rennes, France; Labs. de	Miller, C W Department of the Interior, Sabine Island, Gul Breeze,; Florida; Biological Lab.
bloux,; Belgium; Lab. de Zoologie 4403 Lee, S	Biologie cellulaire et generale 4555 Maillet, P L	Mills, P A Food and Drug Administration, Washington, D. C
lowa State Univ., Ames; Dept. of Biochemistry and Biophysics 4912	Faculte des Sciences, Rennes-Beaulieu, France; Lab. de Biologie cellulaire	20204; Div. of Food Chemistry 493 Milne, D L Citrus and Subtropical Fruit Research Inst., Nel
Legner, E F California Univ., Riverside; Dept. of Biological Control	Manigault, P Institut Pasteur, Paris, France; Service de Photomicrographie et Oncologie vegetale	spruit.; South Africa 4768 Minshall, G W
Lehner, P N Utah State Univ., Logan; Utah Cooperative Wildlife Research Unit	Manson, G F Department of Agriculture, Chatham, Ontario, Canada; Entomology Lab.	Idaho State Univ., Pocatello; Dept. of Biology Mitrovic, V V
4884 Lender, T Faculte de Sciences, Orsay, France; Lab. de Biologie animale S. P. C. N.	Marcus, A Institute for Cancer Research, Philadelphia, Pa. 4557	Belgrade Univ., Yugoslavia; Dept. of Zoology 4898 Miya, K Iwate Univ., Morioka, Japan; Faculty of Agriculture
Leonide, J Faculte des Sciences, Marseille-Saint-Charles,	Maria, M de Minas Gerais Federal Univ., Brazil; Inst. de Biologia	Momoi, S Kobe Univ., Japan; Entomological Lab.
France; Lab. de Zoologie 4547 Ler, P A Alma-Ata Univ., USSR	Marikovskiy, P I Alma-Ata, Kazakh SSR	Montegut, J E. N. S. H., Versailles, France
Leroy, Y Laboratoire de Biologie Animale A. Paris, France	Martin, F W Agricultural Research Services; Crops Research Div.	Moore, N W Monks Wood Experimental Station, Abbots Ripton, Huntingdon.; England
Lesse, H de Paris, France	Marty, R Faculte des Sciences, Toulouse, France; Lab. de Zoologie	Moore, R F Agricultural Research Service, Florence, S. C.; Entomology Research Div.
Lightle, P C New Mexico Univ., Albuquerque 4663	4561 Marty, R Station biologique du lac d'Oredon, Toulouse,	Moran, V C Rhodes Univ., Grahamstown, South Africa; Dept
Lim, H McGill Univ., Ste Anne-de-Bellevue, Quebec, Canada; Dept. of Entomology 4641	France; Lab. de Zoologie 4562 Mason, R W	of Zoology and Entomology 4749 Moreau, R Faculte des Sciences, Bordeaux, France; Lab. de
Lima-de-Faria, A Lund Univ., Sweden; Molecular Cytogenetics Lab.	Department of Agriculture, Launceston South, Tasmania; Mount Pleasant Lab. 4825 Mattingly, E	Biologie animale Mori, K 4572
Lindqvist, E Helsinki, Bredviksvagen 10, Finland 4406	Oak Ridge National Lab., Tenn; Biology Div. 4563 Matuszewski, B	Tokyo Univ., Bunkyo-ku, Japan,; Dept. of Agricultural Chemistry 4935
Lindroth, C H Lund University, Lund, Sweden; Zoological In- stitute	Warsaw Univ., Poland; Dept. of Cytology 4564 Mayr, A	Morita, M Tottori Univ., Japan; Dept. of Veterinary Pathology 4829
Linn, J D Wildlife Investigations Lab., Sacramento, Calif.; Dept. of Fish and Game	Ludwig-Maximilian-Univ., Munich, West Germany; Inst. fur Mikrobiologie und Infertionskrankheiten der; Tiere 4826	Mortimer, P H Ruakura Animal Research Station, Hamilton, New Zealand
4885 Lopatin, I K Tadzhik State Univ., Dushange, USSR	McDonald, D J Dickinson College, Carlisle, Pa.; Dept. of Biology 4565	Moucha, J National Museum, Praha, Czechoslovakia; Dept. of Entomology
Louis, C Institut National Agronomique, Paris, France; Lab. de Zoologie	McVicar, J W Agricultural Research Service, Greenport, N. Y.; Plum Island Animal Disease Lab. 4827	Mound, L A British Museum (Natural History), England 4414
Lyneborg, L Zoological Museum, Copenhagen, Denmark	Medvedev, G S USSR Academy of Sciences, Leningrad; Inst. of Zoology	Mukherjee, N Jute Agricultural Research Inst., Barrackpore, West Bengal,; India

BIOGRAPHICAL INDEX

Mukhopadhyay, S

Mukhopadhyay, S Kalyani Univ., West Bengal, India; Dept. of Plant Pathology 4667	Pintera, A Czechoslovak Academy of Sciences, Prague; Dept. of Plant Pathology 4420	Rich, G B Canada Dept. of Agriculture, Kamloops, British Columbia; Research Station 4424
Munting, J Plant Protection Research Inst., Pretoria, South Africa	Planel, H Faculte dc Medecine, Toulouse, France; Lab. d'Histologie	Richards, P A Minnesota Univ., St. Paul; Dept. of Entomology 4589
Nakasone, H Y Hawaii Univ.; Dept. of Horticulture 4668	Planel, H Faculte de Medecine, Toulouse, France; Lab	Rieder, G Landwirtschaftlichen Hochschule, Stuttgart, West Germany; Inst. fur Pflanzenschutz
Narayanan, R National Dairy Research Inst., Karnal (Punjab), India	d'Histologie 4582 Pollack, J D Ohio State Univ., Columbus; Depts. of Medical	Ringham, C K Agricultural Rescarch Service, Ames, Iowa; Animal Health Div.
Nasir, M M R Central Drug Rescarch Inst., Lucknow, India 4936	Microbiology and Pediatrics 4834 Ponchet, J I. N. R. A., Antibes, France; Station de Botanique	Rohfritsch, O Faculte des Sciences, Strasbourg, France; Inst. de
Nicolas, G C. S. I. C., Salamanca, Spain; Inst. de Orientacion y Asistenca Technica del Oeste	ct de Pathologie Vegetale 4672 Porter, M L	Botanique 4753 Roselle, R E Nebraska Univ., Lincoln; Coll. of Agriculture and
Niculescu, E V Bucharest, Rumania	Food and Drug Administration, Washington, D. C. 20204; Div. of Food Chemistry Povolny, D 4937	Home Economics 4901 Ross, D A
Noirot, C Faculte des Sciences, Dijon, France; Lab. de Zoologie	Czechoslovak Academy of Sciences, Prague; Biological Inst.	Department of Forestry and Rural Development of Canada; Vernon, British Columbia; Forest Entomology Lab.
Nordau, C G Institut Pasteur, Paris, France; Societe de	Powell, J A California Univ., Berkeley 4583	Ross, D A Department of Forestry and Rural Development, Vernon,; British Columbia; Forest Entomology
Pathologie exotique 4575	Price, R D Minnesota Univ., St. Paul; Dept. of Entomology,	Lab. 4754
Nur, U Rochester Univ., N. Y.; Dept. of Biology	Fisheries, and Wildlife Printz, P 4422	Russ, K Bundesanstalt fur Pflanzenschutz, Vienna, Austria 4755
Odenine, K Deutschen Akademic der Wissenschaften, Berlin, West Germany; Zoologischen Forschungsstelle	Centre National de la Recherche Scientifique,; Gif- sur-Yvette, France; Lab. de Genetique des Virus 4584	Russell, F Buckeye Sugar, Inc., Ottawa, Ohio
Ohki, M Oshka Univ., Japan; Dept. of Biology	Provost, A Laboratoire de Recherches veterinaires de Farcha,; Fort-Lamy, Chad 4835	Sahu, B N Orissa Univ. of Agriculture and Tech., Bhu- baneswar, India
Okada, T Tokyo Metropolitan Univ., Japan; Dept. of Biology 4418	Purkayastha, R P Calcutta Univ., India; Dept. of Botany 4718	Sakimura, K Pineapple Research Inst., Honolulu, Hawaii 4426
Oldfield, J F T British Sugar Corp. Ltd., Colney, Norwich, England; Research Labs. 4913	Puthz, V Limnologische Flussstation, Schlitz Hessen, West Germany	Sakouhi-Cousin, M Service Veterinaire du Ministere de l'Agriculture,; Maisons-Alfort, France; Lar. de Controle et de
Osborn, A W Colonial Sugar Refining Rescarch Lab., Roseville, New South; Wales, Australia	Raabe, M Faculte des Sciences, Paris, France; Lab. de Zoologie	Recherches Veterinaires 4837 Salem, H H
Paarmann, W Koln Univ., West Germany; Zoologisches Inst.	Rabb, R L North Carolina State Univ., Raleigh	Mosul Univ., Iraq; Faculty of Medicine 4860 Saltet, P Faculte des Sciences, Toulouse, France; Lab. de
Pahle, A Instituto de Fitotecnia, Castelar, Argentina	Rad, C S Andhra Pradesh Agricultural Univ., Bapatla, India	Zoologie 4590 Samsinak, K
Papillon, M Laboratoire d'Evolution des Etres organiscs, Paris,; France	Rahn, R Ecole Nationale Agronomique, Rennes, France; Lab. de Zoologie	Czechoslovak Academy of Sciences, Prague; Dept. of Entomopathology 4427
4578 Parant, M Institut Pasteur, Paris, France; Servie de	4587 Ramamurty, P S Banaras Hindu Univ., Benares, India; Dept. of	Samuelson, G A Purdue Univ., Lafayette, Ind.; Dept. of Entomology 4428
Chimiotherapie experimentale 4833 Patino C, H	Zoology 4588 Ramanathamenon, M	Samy, T S A Indian Inst. of Science, Bangalore 12, India; Dept. of Biochemistry 4838
Inrwenational Confederation of Agriculture 4714 Patzold, C Patzold, C	Agricultural Coll. and Research Inst., Vellayani, India; Div. of Plant Pathology 4752	Sanchez, G New Mexico Tech., Socorro; Dept. of Biology 4839
Braunschweig, West Germany 4781 Perrotta, G Catania Univ., Italy; Istituto di Patologia Vegetale	Rangaswamy, S V S. V. Rangaswamy and Co. Pvt. Ltd., Bangalore-2. India	Sandner, H Eological Inst., Warsaw, Poland; Lab. for Biologi- cal Control
Picco, D Osservatorio Malattie delle Piante, Pavia, Italy	Reinhard, F Justus Liebig Univ., Giessen, West Germany; Chirurgische Veterinarklinik	Santos, J H R dos Federal Univ. do Ceara, Fortaleza, Brazil; Escola
Pierrard, G Institut de Recherches du Coton et des Textiles Ex- oti; Ques, Bambari, Central African Republic; Sta-	Remadevi, L Agricultural Coll. and Research Inst., Vellayani, India; Div. of Plant Pathology	de Agronomia 4756 Sarlet, L G Ensival, France
tion Centrale 4671	Reuter, G	Sassa, T
Pihan, J C Institut de Zoologie, Nancy, France 4579	Frcie Univ., Berlin, West Germany; Inst. fur Lebensmittelhygiene 4869	Nagoya Univ., Japan; Faculty of Agriculture 4673 Satpathy, J M
Pihan, J C Laboratoire de Zoologie, Nancy, France 4580	Rhoads, W A California Univ., Los Angeles 4916	Orissa Univ. of Agriculture and Technology, Bhubaneswar,; India 4757

Schaffner, J C Texas A and M University, College Station; Texas	Skopin, N G Kazakh Research Inst. of Plant Protection, Alma-	Tazima, Y National Inst. of Genetics, Misima, Japan 4647
Agricultural Experiment Station; Dept. of Entomology 4592	&ata, USSR 4431 Smirnoff, W A	Teppner, H Graz, Leechgasse 30, Austria
Schapitz, F	Forest Research Lab., Sillery, Quebec, Canada	4648
Wissenschaftlich-Technisches Zentrum Pflan- zenschutz- und; Schadlingsbekampfungsmittel, Magdeburg, East Germany	Smirnoff, W A Forest Research Lab., Sillery, Quebec, Canada	Thanh-Xuan, N Faculte des Sciences, Toulouse, France; Lab. d'Entomologie
4957	4758	4608
Scheie, P O Pennsylvania State Univ., University Park; Dept. of	Smissman, E E Kansas Univ., Lawrence; Dcpt. of Medicinal	Thibaud, J M Laboratoire d'Ecologie Generale du Museum, Bru-
Biophysics 4593	Chemistry 4645	noy, France 4609
Schnathorst, W C	Smith, G E	Thien, L B
California Univ., Davis; Experiment Station 4724	Tennessee Valley Authority, Muscle Shoals, Ala. 35660; Div. of Health and Safety	Wisconsin Univ., Madison; Dept. of Botany 4675
Schoeller-Raccaud, J	4888	Tolkmith, M
Faculte des Sciences, Paris, France; Lab. dc Physiologie des Insectes	Sood, S K 20613 RT Vijay Nagar, Hyderabad, India	Dow Chemical Co., Midland, Mich.; Edgar C. Britton Research Lab.
4594	4919	4902
Scobee, R E	Spencer, D A	Torres, R
Upjohn Co., Kalamazoo, Mich.	National Agricultural Chemicals Association,	Centro National de Investigaciones Agropecuarias,
Scoguamiglio, A	Wash., D. C.	Palmira,; Columbia 4676
Osservatorio per le Malattie delle Piante, Pescara,	Srivastava, V K	Touzeau, J
Italy	College of Agriculture, Johner (Rajasthan), India	Protection des Vegetaux, Bordeaux, France
Scorza, J V	4759	4761
Universidad Central de Venezuela, Caracas; Dept.	Stoloff, L	Traut, W Saarlandes Univ., Saarbrucken, West Germany;
de Microbiologia y Parasitologia	Food and Drug Administration, Washington, D. C. 20204; Div. of Food Chemistry	Zoologisches Inst.
4595	4938	4649
Scorza, J V Universidad Central de Venezuela, Caracas; Dept.	Stoner, A K	Turian, G Geneve Univ., Switzerland; Institute de Botanique
de Microbiologia y Parasitologia	Agricultural Research Service, Washington, D. C.;	generale
4596	Entomology Research Div. 4760	4610
Scott, K M F	Strambi, A	Van Den Berg, E
National Inst. for Water Research, Grahamstown, South; Africa	Centre National de la Recherche Scientifique,	Department of Agricultural Technical Services, Pretoria,; South Africa
4430	Marseille,; France; Comportement animal 4601	4611
Scullen, H A	Strong, F E	Van Heerden, A
Oregon State Univ., Corvallis; Entomology Dept. 4597	California Univ., Davis; Dept. of Entomology	Division of Veterinary Services, Pretoria, South Africa; Tuberculosis Control Section
Seal, W L	4602	4846
Agricultural Research Service, Hyattsville, Md.;	Strubing, H Berlin, Konigin Luise-Str. 1-3, West Germany	Vandercook, C E
Plant Pest Control Div. 4886	4603	Fruit and Vegetable Chemistry Lab., 263 South Chester; Ave., Pasadena, Calif. 91106
Seffner, W	Sturgess, B T	4940
Karl Marx Univ., Leipzig, East Germany;	Oregon State Univ., Corvallis; Dept. of Entomolo-	Vankova, J
Veterinarpathologisches Inst. 4840	gy 4432	Czechoslovak Academy of Sciences, Na cvicisti 2,
Sharpe, D N	Stusak, J M	Prague 6; Entomological Institute 4612
Institut Po Zernovum i Tekhicheskim Kul'turam,	Agricultural Univ., Prague, Czechoslovakia; Chair	Vasiljevic, L
Fundulya,; Rumania	of Forest Protection and Zoology 4604	Institut for Plant Protection, Belgrade (zcmun),
Sharplin, J 4783	Subrahmanyam, D	Yugo; Slavia; Lab. for Biological Control 4613
Alberta Univ., Canada; Dept. of Entomology	National Inst. of Communicable Diseases, Delhi G,	Vasiljevic, L
4352	India; Div. of Biochemistry 4939	Plant Protection Inst., Zemun, Yugoslavia; Biologi-
Sheffield, H G National Inst. of Allergy and Infectious Diseases,;	Sugden, B A	cal Control Lab.,
Bethesda, Md.	Department of Forestry and Rural Development,	Vecht, J van der
4841	Vernon.; British Columbia; Forest Entomology	Leiden Univ., Netherlands; Dept. of Systematic
Sheikh, S A West Poliston Veterinery Research Inst. Labora	Lab. 4433	Zoology 4435
West Pakistan Veterinary Research Inst., Lahore 4842	Supperer, R	Vieuchange, J
Shepherd, D R	Institut fur Parasitologie und Allgemeine Zoologie	Institut Pasteur, Paris, France; Lab. de Physiologie
Agricultural Research Service, Hyattsville, Md;	der; Tierarztlichen Hochschule, Wien 4851	des Virus 4847
Plant Pest Control Div. 4887	Swihart, S L	Viggiani, G
Sherman, K C	State University College, Fredonia, N. Y.; Dept of	Istituto e Laboratorio di Entomologia agraria, Por-
Agricultural Research Service, Ames Iowa; Animal	Biology 4605	tici,; Italia
Health Div. 4861	Tai, P C	Vigier, P
Shimizu, K	California Univ., Davis; Dept. of Bacteriology	Faculte des Sciences, Orsay, France; Inst. du Radi-
Obihiro Zootechnical Univ., Hokkaido, Japan;	Tailliez, R	um, Biologie
Lab. of Veterinary Microbiology 4843	Faculte de Medecine et de Pharmacie, Lille,	Vilasini, G
Shubeck, P P	France; Lab. de Parasitologie	Agricultural Coll. and Research Inst., Vellayani, In-
Montclair State Coll., N. J.; Dept. of Biology 4598	Tamarina, N A	dia; Div. of Botany
Shyamala, M B	Lomonosov Univ., Moscow, USSR; Dept. of Soil	Vir, D
Indian Inst. of Science, Bangalore; Fermentation	Biology	Indian Agricultural Research Inst., New Delhi, In-
Technology Lab.	Tonodo V	dia; Div. of Mycology and Plant Pathology
Simmonds, F J	Tanada, Y California Univ., Berkeley; Dept. of Entomology	Visalakshi, A
Commonwealth Institute of Biological Control,	and Parasitology	Agricultural Coll. and Research Inst., Vellayani, In-
Bermuda	4607	dia; Div. of Entomology
Singh, A P	Tanaka, Y National Inst. of Genetics, Misima, Shizuoka-ken,	Voss, C M 4616
Government Agricultural Coll., Kanpura, India	Japan	AgRotors, Inc., Gttysburg, Pa.
4918	4646	4958

BIOGRAPHICAL INDEX

Wagner, E

Wagner, E	4731 tomology	
Hamburg, Moorreye 103, West Germany Wenner, A M	· ·	4623
Wagner, E 4436 California Univ., Santa Barl	rbara; Dept. of Biologi- Yarwood, C E California Univ., Berkeley; Dept. of	Plant Patholo-
Hamburg, Moorreye 103, West Germany	4619 gy	
Wagner, W Hite, D A Brigham Young Univ., Pr	rovo. Utah: Dept. of Yelizarov, Yu A	4732
Hamburg, Farnstrasse 36, West Berlin Zoology and Entomology	Lomonosov State Univ., Moseow,	, USSR; Soil
Walters, A H Whybrew, J E	4620 Biology Faculty	4624
9, Sunning House, Sunningdale, Berks, England Drayton Experimental Husb	bandry Farm, Stratford- Yinon, U	
Warlet, J M	Jerusalem Hebrew Univ., Israel; 1	Dept. of En-
Warsage, Liege, Belgium Wiegand, H		4625
4439 Biologische Zentralanstalt	t Berlin in Klein- Yip, G	himatan D. C.
Wassermann, M Hebrew Univ., Jerusalem, Israel; Dept. of Occupa-	Food and Drug Administration, Was 20204; Div. of Food Chemistry	nington, D. C.
tional Health Wilkinson, P R		4942
Watanabe, C 4890 Canada Dept. of Agricultu Columbia; Research Station	ure, Kamloops, British Yukawa, J Kagoshima Univ., Japan; Entomologi	ieal Lab.
Hokkaido Univ., Sapporo, Japan; Entomological	4849	4443
Inst. Wille, H 4440 Eidgenoessische Milehwirts	Zaslavskiy, V A sehaftliehe Beruehsan- USSR Aeademy of Sciences, Lenin	norad: Inst. of
Watanabe, M stalt, Liebe; Feld-Bern, S		
Katakura Serieultural Experiment Station, Matsu-	4622 Zemanek, J	4444
moto, Nagano; Ken, Japan 4617 Willey, R B	Central Research Inst. for Plant	Production,;
Webster, E J Illinois University, Chicago	Circle; Dept of Biologi- Prague-Ruzyne, Czechoslovakia	4785
Ohio State University, Columbus; Dept. of Zoology eal Seience and Entomology	4650 Zerpa, D M	4/03
4618 William, A	Central Univ. of Venezuela, Maraca	ay; Faculty of
Weidemann, H L Biologische Bundesanstalt fur Land- und Forst- Vegetale Gembloux Univ., Belgiun Vegetale	m; Lab. de Biologie Agronomy	4733
wirtsehaft,; Braunsehweig, West Germany; Inst. fur	4891 Zimin, L S	
Landwirtsehaftliche Virusforsehung Wistar, R Walter and Eliza Hall Inst.	All-Union Inst. of Plant Protection Of Medical Research.: USSR	n, Leningrad,
Weischer, B Melbourne, Australia		4445
Biologische Bundesanstalt fur Land- und Forst- wirtschaft,; Munster, West Germany; Inst. fur Wood, R O	4850 Zumpt, F Sudafrikanisches Inst. fur medizinisch	ha Forschung :
Hackfruehtkrankheiten Und Nematodenforschung Department of Forestry an		•
4729 Vernon,; British Columbia		4852
Wells, H D Georgia Coastal Plain Experiment Station, Tifton, Lab.	Zur Strassen, R 4441 Natur-Museum und Forschungs-Inst.	Senekenberg.
Ga. Wright,	Frankfurt; am Main, West Germany	J.
Welsh, M F 4730 West Gippsland, Australia	4863 Zwatz, B	4446
Canada Agriculture Research Station, British Yang, R S H	Bundesanstalt fur Pflanzenschutz, Vic	
Columbia North Carolina State Univ	, Raleign; Dept. of En-	4734

AUTHOR INDEX

Abraham, E V	4735	Bitsch, J	4459	Cmelik, S H W	4478	Ferguson, D L	4856
Acosta, J C M	4736	Blandford, T B	4798	Coates, T J	4370	Ferreira, A	4643
Agamalian, H	4779	Blease, J A	4878	437 Í		Feyerabend, G	4774
Agarwala, S C	4930	Blum, M S	4460	Coineau, Y	4372	Fiddian, W E H	4691
Agrawal, S C	4680	Bonath, K	4836	Cole, H	4874	Field, G	4383
Ahmad, C R Aizawa, K	4505 4617	Bongiovanni, G C Bonnefoi, A	4766 4485	Coles, L W Collins, J A	4466 4698	Fischer, B Fischer, M	4780 4384
Akesson, N B	4944	Bonnemaison, L	4461	Copeland, F	4884	4385	7307
Akhavizadegan, J	4723	Boone, R S	4658	Corbiere, G	4479	Fize, A	4372
Akram, M	4858	Borle, M N	4893	Corner, J	4358	Foglietti, M J	4482
Al-Allaf, G	4860	Borredon, C	4835	Costa, M V da	4480	Folliot, R	4555
Alghisi, P	4681	Bostwick, D C	4923	Costantino, R F	4481	4556	
Alikhan, M A	4447	Boswell, T O	4884	Costello, C E	4926	Fordyce, D M	4698
Allen, A A	4354	Boudreaux, H B	4462	Cote, J R Courtois, J E	4823 4482	Fourth I	4490 4491
4448, 4449 Allen, P J	4907	Boudsin, Ch Bouley, J P	4361 4686	Cox, C D	4796	Fourche, J Franz, J M	4661
Allred, D M	4355	Bounhiol, J J	4572	4797	4770	Frear, D E H	4874
4356		Bourgogne, J	4349	Cramer, R	4806	4929	
Amor, R	4770	Bournier, A	4463	Creemers, J	4813	Freeman, G H	4698
Anderson, J M	4892	Bovey, P	4622	Crouse, H V	4631	French, R A	4866
Anderson, P K	4504	Boyce, A R	4557	Crouzel, I S	4483	Frenkel, J K	4811
Anderson, R J Andrade, O	4764 4744	Boyd, J B Bradford, A	4629 4874	Csejtey, J Culley, D D	4808 4876	Fresa, R Freundlich, M	4483 4801
Andrews, S R	4663	Brandazza, R	4655	Curley, A	4460	Fristrom, D	4634
Angle, C R	4901	Branson, B A	4362	Cushmac, M E	4938	Frolich, E F	4916
Anonymous,	4348	Breeland, S G	4504	D'Arces, J	4789	Fukuda, T	4492
4450, 4682, 4683, 468		Breugel, F M A van	4435	D'At de Saint-Foulic	4659	4493	
4739, 4765, 4872, 494		Brindle, A	4363	Dalmacio, S C	4689	Funada, T	4617
4950, 4951, 4960, 496		Brousse-Gaury, P	4464	Damico, J N	4926	Gamet, A	4793
Anonymus, Anufriev, G A	4952 4357	Brown, C L Brown, E	4 7 99 4870	Damoiseau, R 4374	4373	Ganapathi, K Ganguli, N C	4927 4791
Aoki, H	4673	Brown, V M	4894	Dasgupta, M K	4657	4831	4//1
Appert, A	4720	4898		Dauterman, W C	4511	Garcin, C	4809
Applegate, H G	4876	Bruce, N	4364	Davis, E J	4895	Garibaldi, A	4692
Arai, N	4451	Bruce, V G	4465	Davis, W J	4808	Gaskins, M H	4664
4517	4627	Brunson, M H	4466	Dawsey, L H	4886	Gaspar, T	4908
Arcos-Teran, L Aronoff, S	4627 4912	Brygoo, E R Buchelos, C	4800 4463	Day, J W Day, M F	4896 4484	Gaumont, J Gaunitz, S	4494 4386
Arrand, J C	4358	Buchwalder, R	4855	De Barjac, H	4485	Gautier, J Y	4495
Ashlock, P D	4359	Budde, P B	4902	De Gaalon, A	4857	Gazzolo, L	4812
Askew, R R	4360	Buffet, M	4654	de Proce, J M	4787	Geistlinger, N J	4754
Asshauer, E	4853	Bugg Jr., J C	4875	De-The, G	4812	Geoffrion, R	4496
Atanasiu, P	4793	Bugiani, A	4655	Delamare-Debouttevil	4372	George, M K	4920
4806	1152	Burakowski, B	4467 4468	Della Pieta, S	4655 4806	Gerson, U	4454 4878
Auber, J 4453	4452	Burgerjon, A 4924	4408	Demerseman, P Dennhofer, L	4632	Getchell, A S Getsova, A B	4497
Auclair, J E	4868	Burges, H D	4864	Deshmukh, K	4927	Geyer, A	4501
Avidov, Z	4454	Burgoyne, W E	4944	Dhennin, L	4837	Gharagozlou, I	4513
Awaness, A M	4860	Burke, J A	4937	4837		Gharagozlou, I D	4498
Aynaud, J M	4794	Bursell, E	4478	Di Mattei, P	4877	Giandomenico, N	4769
4814	1700	Buschmann, L	4780	Diaz, M O	4633	Giess, M C	4581
Bachhawat, B K Bachmann, P A	4788 4826	Busselet, M Buttiker, W	4469 4365	Dimond, J B Dodin, A	4878 4800	4582 Giliomee, J H	4387
Bagda, H	4903	Buys, C	4656	Domanska, H	4773	Gimesi, A	4775
Balasubramanian, A S	4788	Calvo, J M	4801	Dostal, H C	4906	Giroud, P	4813
Ballinger, A	4963	Cama, H R	4838	Douault, P	4486	Giuffrida, L	4923
Banham, F L	4740	Campbell, C H	4802	Downing, R S	4553	Glotoff, N V	4635
Barbier, R Barendse, G W M	4455 4904	Campbell, R L Cantacuzene, A M	4743 4470	Drebble, M L Drees, H	43 7 5 4897	Gomez, I 4596	4595
Barnard, C O	4873	Capener, A L	4366	Duben, Z	4807	Gon, M	4890
Barry, D	4874	4367, 4368	+300	Dubey, J P	4811	Goncalves, J R	4693
Bartels, P C	4685	Carlson, W	4964	Dufay, C	4487	Gopal, R	4776
Bartos, S	4795	Carrasco, V_B	4653	Dufay, Cl	4376	Gorhe, D	4814
Baseman, J B	4796	Cassagnau, P	4630	Dufay, Cl.	4377 4879	Gose, K	4955
4797 Bassler, R	4771	Cassidy, D R 4804	4803	Duggan, R E 4880	40/9	Goto, M Gottlieb, D	4829 4669
Basu, S K	4922	Cassier, P	4471	Dunkle, L D	4907	Gotwald, W H	4499
Batch, D L	4362	4472		Dusanic, D G	4839	Goulding, R L	4432
Baumgarner, P	4874	Catlin,p B	4687	Dutt, D N	4757	Gouranton, J	4500
Bayer, D Bazin, J C	4780 4854	Cave, D	4642 4886	Dutton, J V Dyte, C E	4913 4378	Gouthiere, J	4654
Beckwith, A C	4938	Cavin, G E Cazal, M	4473	Eckes, P	4820	Goytia, E Grace, T D C	4658 4484
Bedford, E C G	4741	4474	11,5	Eichhorn, O	4660	Grandison, G S	4767
Beermann, W	4627	Censi, G	4945	Eichler, W	4790	Granzien, C K	4815
Behrendt, S	4772	Centile, A C	4760	Einstein, E R	4808	Grassman, A	4501
Beirne, B P	4742	Chakrabarty, A M	4922	El-Bahay, G M	4820	Graviere, P	4793
Benz, G Benza, J C	4456 4653	Chakraborty, T K Chakravorty, A K	4776 4925	El-Tahtaoui, M M Elmore, C	4488 4780	Gray, P H H Gregson, J D	4502 4424
Berendes, H D	4628	Chan, H	4805	Eppley, R M	4928	Gressitt, J L	4388
Bergerard, J	4457	Chandhokar, P A	4776	Erlandsson, S	4379	Grierson, D	4913
Berkaloff, A	4810	Chararas, C	4475	Ermisch, K	4380	Griffiths, E	4698
Bernard, C	4810	4476	4,77	Euzeby, J	4809	Grigorova, R	4503
Berndorfer-Kraszner,	4865	Chari, M S	4477 4810	Evans, D E	4744 4636	Grogan, R G	4694
Berryman, M H Berton, A	4898 4475	Charton, A Chatterjee, P N	4810	Evgenev, M B Exconde, O R	4636 4689	Grosjean, N Grossman, A I	4809 4636
Besemer, S T	4905	Chattopadhyay, S	4915	Faber, F L	4954	Guerrero, H C	4940
Bhat, J V	4599	Chattopadhyay, S B	4657	Fassatiova, O	4690	Gug, M	4720
Bhattacharyya, S K	4688	4688		Faye, P	4810	Guilhon, J	4857
Biache, G Bird, F T	4468	Chen, J T	4926	Federander I	4489	Guillon, J C	4793
Bisdee, H E	4458 4350	Choay, J Christudas, S P	4837 4752	Fedoseyeva, L 1 Feeley, J	4381 4708	Gupta, K P Gupta, O P	4680 4777
Biswas, B B	4925	Chudnoff, M	4658	Fender, K M	4382	Gupta, S K	4791
		, , , ,		,			

Guthrie, F E	4623	Karthigasu, K	4822	Lim, H	4641	Munting, J	4387
Hackman, W Hadorn, E	4389 4637	Katz, F F Kawakami, T	4524 4617	Lima-de-Faria, A Lindgvist, E	4642 4406	4415 Muro, A	4750
Haenni, E O	4926	Keat, R	4931	Lindroth, C H	4407	Murti, C R K	4792
Hall, T F	4504	Keep, E	4746	Linn, J D	4885	4936	
Hamann, W	47.74 4505	Kelly, R J	4524	Lopatin, I K	4408	Mussell, D R	4902
Haque, H Harbo, J R	4745	Kemp, G Kernohan, E A	4819 4821	Louis, C Lower, H F	4550 4747	Nakamatsu, M Nakanishi, A	4829 4412
Harden, F J	4816	Kerr, C F	4778	Luginbill, B	4708	Nakasone, H Y	4668
Hardh, J E	4909	Kessler, D P	4844	Lyneborg, L	4409	Narayanan, R	4831
Harman, D M Harris, C C	4506 4507	Kevan, D K M Kevan, D K McE	4641 4400	Lysenko, O	4551 4552	Nasir, M M R	4936 4803
Harz, K	4390	Keyl, H G	4631	Macfadyen, A Mackauer, M J P	4350	Nelson, H A Newton, L G	4815
Hasegawa, K	4508	Khan, A A	4910	Madar, J	4410	Nicolas, G	4669
Hawk, R E	4460	Khan, M A Q	4511	4410 Madage H.E.	1552	Niculescu, E V	4573
Hayatee, Z G Hazrati, A	4860 4817	Khare, B P Kidwai, A M	4759 4792	Madsen, H F Maheshwari, R	4553 4907	Nilsson, B Nishioka, Y A	4642 4870
Heaney, R K	4913	Kimble, K A	4694	Mahnel, H	4826	Noirot-Timothee, C	4574
Hedqvist, K J	4391	Kirk, J K	4881	Maillard, Y P	4554	Noirot, C	4574
Heinrich, G H Herbulot, C	4392 4393	4882 Kita, S	4617	Maillet, P L 4556	4555	Nolte, H-W Nordau, C G	4670 4575
Herda, G	4501	Klement, Z	4525	Maisonhaute, C	4457	Norgren, R L	4871
Herreng, F	4509	Klimov, A N	4932	Mangalo, R	4862	Nur, U	4644
Herter, K	4510	Knerer, G	4526	Mani, V S	4776	Nyholm, T	4416
Hewitt, G M 4640	4638	4527, 4528, 4529 Knight, H H	4530	4777 Manigault, P	4707	O'Brian, D M Obraztsov, N S	4524 4417
Heyrovsky, L	4394	Knight, R L	4746	Manson, G F	4557	Odenine, K	4859
Higgins, J E	4875	Knutson, L V	4401	Marcus, A	4708	Ogawa, T	4935
Higuchi, Y Hirose, Y	4492 4639	Kobayashi, M	4531	Maria, M de	4558	Ogle, S	4563
Hirth, L	4686	Koch, W Korach, S	4917 4862	Marikovskiy, P I Martens, P	4559 4891	Ohki, M Okabe, K	4832 4558
4701, 4704	,,,,,	Korcz, A	4532	Martin, F W	4664	Okada, T	4418
Hodges, R W	4395	Kormileu, N A	4533	Martouret, D	4560	Oldfield, J F T	4913
Hodgson, C J Hodgson, E	4396 4511	Koslinska, M Kot, J	4534 4591	Marty, R 4562	4561	Onuma, A Orme, J P R	4647 4645
Hoffee, P A	4818	Kot, J Kovats, I T	4865	Masny, M N	4677	Osborn, A W	4576
Hoffmann, J A	4512	Kovoor, J	4535	Mason, R W	4825	Ozawa, Y	4817
Hollande, A	4513	4574	4526	Mathenge, W M	4744	Ozeki, H	4832
Horakova, V Horne, W	4795 4695	Krafsur, E S Kraft, K J	4536 4745	Matsui, M Matsuo, T	4935 4617	Paarmann, W Padhi, G K	4577 4757
Horovitz, S	4696	Kranzler, G A	4506	Mattingly, E	4563	Padmanabhan, M D	4735
Hosmani, M M	4776	Krasilnikova, M M	4932	Matuszewski, B	4564	Padovani, F	4460
Howard, S F Howe, E C	4942 4856	Krebill, R C Krishnanandam, Y	4711 4588	Maurice, Y Maxwell, F G	4835 4514	Pahle, A Palm, T	4713 4419
Howell, G S	4514	Krishnapillai, V	4822	Mayr, A	4826	Papillon, M	4578
Hughes, I W	4786	Kruitwagen, E	4602	McDaniel, H A	4861	Paraf, A	4814
Humphrey, W A	4779	Kubota, A	4617	McDonald, D J	4565	Parant, M	4833
Humphreys, J G Hunnius, W	4397 4697	Kuhne, F A Kunze, L	4768 4702	McGhee, R B McLure, M T De	4539 4595	Patel, H K Patino C, H	4477 4714
Hurpin, B	4515	Kurian, N J	4703	McVicar, J W	4827	Patzold, C	4781
Hurtig, H	4956	Kurkdjian, A	4707	Medvedev, G S	4411	Peggie, I D	4715
Hussain, M Z 4858	4842	Kurstak, E Kurstak, E S	4823 4537	Mehendale, H M Meiffren, M	4511 4709	Pellegrino, J Percheron, F	4558 4482
Huxley, P A	4698	Kurtz-Fritsch, C	4704	Meldrum, K C	4828	Perrotta, G	4716
Inami, Y	4843	Kury, C R	4883	Melton, M L	4841	Peterson, M R	4892
Ingraham, J	4844	Kusigemati, K	4412	Mesa, A	4643	Picco, D	4914
Inokuchi, T Ishaque, M	4517 4516	Laan, P A van der Labeyrie, V	4867 4587	Mesa, R S de Mever, G F	4643 4628	Pierrard, G Pihan, J C	4671 4579
Isom, B C	4888	Lacoppe, J	4908	Michel, M F	4566	4580	
Iswaran, V	4662	Lambers, D H R	4402	Miczulski, B	4567	Pillai, P K	4920
Itaya, N Ito, T	4935 4451	Lamy, M Lancastre, F	4538 4854	Miczynski, K A Mielke, J L	4710 4711	Pintera, A Planel, H	4420 4581
4517, 4518	4431	Landschutz, Chr	4824	Millecan, A A	4687	4582	4361
Jadin, J	4813	Lange, A H	4779	Miller, C W	4871	Plateaux-Quenu, C	4526
Jadin, J M Jafri, R H	4813 4519	Lange,a H Langridge, D F	4780 4539	Miller, N L Miller, R L	4811 4743	4527, 4528 Pollack, J D	4834
Jaillet, I	4543	Langinge, D F	4705	Mills, P A	4934	Ponchet, J	4672
Jalil, M	4520	Lark, K G	4805	Milne, D L	4768	Poortmans, P	4656
Janson, B F	4699	Lauge, G	4540 4661	Minis, D H	4465	Popov, A D Porte, A	4717 4512
Jarolmen, H Jaworska, H	4819 4642	Laux, W Laverdure, A M	4541	Minshall, G W Mishra, A	4569 4776	Porter, M L	4937
Jayarathnam, K	4521	4542, 4546		Mitrovic, V V	4894	Portier, G	4544
Jenkins, P T	4700	Laville, E	4706	4898	4570	Povolny, D	4421
Jenney, E W Jimenez, H	4799 4696	Le Berre, J R 4544	4543	Miya, K Momoi, S	4570 4412	Powell, J A Powers, H R	4583 4711
John, B	4638	Le Goff, L	4911	Moniz, L	4703	Price, R D	4422
4640	4000	Le Guilloux, M	4793	Montegut, J	4712	Printz, P	4584
Johnson, C 4399	4398	Le Layec, Cl Lebduska, J	4810 4795	Moore, N W Moore, R F	4899 4571	Provost, A Puga, A	4835 4642
Johnson, D L	4619	Lecadet, M-M	4933	Moran, V C	4749	Purkayastha, R P	4718
Joly, P	4512	Leclercq, M	4403	Moreau, R	4572	Puthz, V	4423
4522	4701	Lee, S	4912	Mori, K	4935	Raabe, M	4585
Jonard, G Jones, J C	4701 4536	Legner, E F Lehner, P N	4545 4884	Morita, M Mortimer, P H	4829 4830	Rabb, R L Rad, C S	4586 4751
Joseph, K V	4616	Lender, T	4546	Mosbacher, G C	4649	Rahn, R	4587
Judd, W W	4651	Leonide, J	4547	Moucha, J	4413	Raj, Ĥ G M	4838
Kabir, A K M F Kadunce, R E	4516 4878	Leopold, A C Ler, P A	4906 4548	4421 Moudgal, N R	4838	Ralijaona, D Ramade, F	4701 4585
Kafatos, F C	4523	Ler, F A Leroy, Y	4404	Mound, L A	4414	Ramamurty, P S	4588
Kaji, S	4639	Lesse, H de	4405	Mukherjee, N	4666	Ramanathamenon, M	4752
Kalich, J Kapoor, N K	4820 4930	Lightle, P C Ligondes, J de	4663 4549	Mukhopadhyay, S Munakata, K	4667 4673	Ramirez, M Ramnath, B	4596 4915
rapoor, iv is	4930	Ligoliues, J de	4349	Mullakata, K	4073	Namiliatii, D	4913

AUTHOR INDEX

Zwatz, B

Rangaswamy, S V	4782	Schnathorst, W C	4724	Strubing, H	4603	Voss, C M	4958
Rao, D S	4782	Schoeller-Raccaud, J	4594	Sturgess, B T	4432	Voth, V	4779
Rao, S B P	4915	Scobee, R E	4674	Stusak, J M	4604	Wagner, E	4436
Rauch, H C	4808	Scoguamiglio, A	4769	Subrahmanyam, D	4939	4437	
Reinhard, F	4836	Scorza, J V	4595	Sugden, B A	4433	Wagner, W	4438
Remadevi, L	4719	4596	1373	Sumiki, Y	4935	Wallace, A	4916
	4595	Scott, K M F	4430			Walters, A H	4941
Remirez, M				Supperer, R	4851		
Renou, Y	4720	Scullen, H A	4597	Sutmoller, P	4827	Warlet, J M	4439
Reshetnikov, V N	4677	Seal, W L	4886	Swihart, S L	4605	Wassermann, D	4890
Reuter, G	4869	Seberg, S A	4804	Taft, H M	4571	Wassermann, M	4890
Rhoads, W A	4916	Seffner, W	4840	Tai, P C	4844	Wassink, H J M	4867
Rich, G B	4424	Seiber, J N	4902	Tailliez, R	4862	Watanabe, C	4440
Richards, A G	4589	Senterfit, L B	4834	Tamarina, N A	4606	Watanabe, M	4617
Richards, P A	4589	Sharpe, D N	4783	Tanada, Y	4607	Webster, E J	4618
Rieder, G	4917	Sharplin, J	4352	Tanaka, Y	4646	Weidemann, H L	4728
	4900	Shaw, M N	4698		4709	Weier, T E	4685
Ringham, C K		Sheffield, H G	4841	Tanguy, J		Weischer, B	4729
Rios Castano, D	4676	Sheffy, B E	4826	Tazima, Y	4647	Wells, H D	4730
Robertson Jr., E A	4875		4842	Teague, H J	4913	Wells, P H	4619
Robertson, B C	4818	Sheikh, S A	4042	Teppner, H	4648		
Rodriguez, J B	4653	Shepherd, D R	4887	Terioshin, I M	4932	Welsh, M F	4731
Rohfritsch, O	4753	Sherman, K C	4861	Thakur, M L	4369	Wenner, A M	4619
Roselle, R E	4901	Shimizu, K	4843	Thanh-Xuan, N	4608	White, D A	4620
Rosen, D	4454	Shiozaki, M	4935	Thely, M	4837	Whybrew, J E	4678
Ross, D A	4425	Shirahata, T	4843	Thibaud, J M	4609	Wiegand, H	4621
4754	7723	Shubeck, P P	4598	Thien, L B	4675	Wiken, T	4622
	4700	Shulov, A	4625			Wilbur, M	4762
Ross, N	4780	Shurben, D G	4898	Thurley, D C	4845	Wilkinson, P R	4849
Rougeot, P	4351	Shyamala, M B	4599	Thurston, R	4586	Wille, H	4622
Roux, J B	4654	Siegl, G	4826	Tixador, R	4581	Willey, R B	4650
Rudelle, M	4656	Simmonds, F J	4786	4582		Willey, R L	4650
Russ, K	4755		4918	Tieder, B	4434		4891
Russell, F	4721	Singh, A P	4910	Tolkmith, M	4902	William, A	
Rutzer, E	4851	Singh, S N	4918	Tomlinson, W E	4871	Wilson, K I	4719
Saez, F A	4633	Singh, S P	4680	Torres, R	4676	Wistar, R	4850
Sagar, P	4930	Sinitsyna, Ye Ye	4624	Touzeau, J	4761	Wold, J L	4597
Sahu, B N	4722	Skopin, N G	4431		4649	Wood, B J	4763
		Slack, E	4478	Traut, W		Wood, R O	4441
Sakimura, K	4426	Smirnoff, W A	4600	Tucker, A J P	4947	Woodroffe, G E	4442
Sakouhi-Cousin, M	4837	4758		Turian, G	4610	Wright,	4863
Salem, H H	4860	Smissman, E E	4645	Umbarger, H E	4801	Yamashita, O	4508
Salerno, M	4716	Smith, E	4511	Vallee, A	4793	Yang, R S H	4623
Saltet, P	4590	Smith, G E	4888	Van Den Berg, E	4611	Yarwood, C E	4732
Sam, M J	4915	Snyatkov, A S	4677	Van Heerden, A	4846	Yelizarov, Yu A	4624
Samsinak, K	4427	Soleilhavoup, J P	4581	Vandercook, C E	4940	Yinon, U	4625
Samuelson, G A	4428	4582	7301	Vankova, J	4612	Yip, G	4942
Samy, T S A	4838		4834	Vasiljevic, L	4613		
Sanchez, G	4839	Somerson, N L	4834 4919	4614	1015	Yoshitake, N	4626
Sandner, H	4591	Sood, S K		Vecher, A S	4677	Yukawa, J	4443
		Sopranzi, N	4877			Zahradnik, J	4413
Santos, J H R dos	4756	Spencer, D A	4889	Vecht, J van der	4435	Zakopal, J	4784
Sanwal, G G	4910	Sprea, A	4946	Veinbrants, N	4726	Zalta, J P	4561
Sarlet, L G	4429	Srivastava, V K	4759	Vickery, V R	4641	4562	
Sarma, P S	4812	Stanbridge, T A	4830	Vieuchange, J	4847	Zaslavskiy, V A	4444
Sassa, T	4673	Stark, G T C	4894	Viggiani, G	4615	Zellermayer, L	4890
Satpathy, J M	4757	Stilwell, E	4780	Vigier, P	4812	Zemanek, J	4785
Schaffner, J C	4530	Stoekel, M E	4512	4848		Zerpa, D M	4733
4592		Stoloff, L	4938	Vilasini, G	4920	Zimin, L S	4445
Schapitz, F	4957	Stoner, A K	4760	Vine, B H	4698	Zolotarev, Ye Kh	4624
Scharief, G	4723	Strambi, A	4601	Vir, D	4727	Zumpt, F	4852
Scheie, P O	4593	Stringer, D E	4954	Visalakshi, A	4616	Zur Strassen, R	4146
Schmialek, P	4593	Stringer, D E Strong, F E	4602	Volkova, G A	4497	Zwatz, B	4734
Ochmidick, I	4501	Strong, r E	4002	voinuva, G A	447/	Lwatz, D	4/34



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