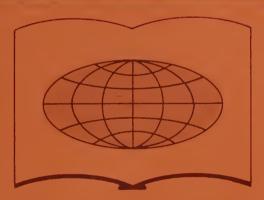


Pesticides DOCUMENTATION BULLETIN

U.S. DEPT. OF REALIZABLE LIES.
HATTOWN ACRICULTURAL LIES.



Volume 4 December 6, 1968 Number 25



U.S. DEPARTMENT OF AGRICULTURE

PESTICIDES DOCUMENTATION BULLETIN

Volume 4
December 6, 1968
Number 25

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

OBJECTIVES AND SCOPE

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

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

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

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

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

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

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

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

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

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

Compound Tested

Company furnishing the compound

Author or Investigator

Test Sponsor

Date

Location

Mode of Application

Rates of Application

Soil Types

Carriers

Crops or Weeds tested with phytotoxicity ratings

Associated documentation

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ACKNOWLEDGMENT

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

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

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

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

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ENTOMOLOGY

22243-68

INSECTS AND MITES ON TEA IN AFRICA AND ADJACENT ISLANDS.

D M Benjamin

East Afr Agr Forest J 33(4):345-351 REF

Apr 1968 24 EA74

Geography, Insects, Mites, Research, Tea.

A DRY ICE-BAITED TRAP FOR THE COLLEC-TION AND FIFED STORAGE TION AND FIELD STORAGE OF HE-MATOPHAGOUS DIPTERA.

G R DeFoliart C D Morris

J Med Entornol 4(3):360-362

10 Aug 1967 421 J828

Diptera, Insect collecting equipment, Insect protective devices, Research, Storage, Traps.

SEASONAL SUCCESSION OF BLOODSUCKING DIPTERA IN WISCONSIN DURING 1965.

G R DeFoliart M R Rao C D Morris

J Med Entornol 4(3):363-373 10 Aug 1967 421 J828

Blood meal, Blood parasites, Diptera, Insect names, Research, Tables (data), Traps.

TICKS (IXODIDAE) COLLECTED DEUTSCHE INDIEN-EXPEDITION 1955-1958.

H Hoogstraal G Rack

J Med Entornol 4(3):284-288

10 Aug 1967 421 J828

Insect vectors, Ixodides, Kyasanur forest disease, Research, Virus diseases (insects).

SIGNIFICANCE OF FLUCTUATING HUMIDITIES AND FREQUENCY OF BLOOD MEALS ON THE SURVIVAL OF THE SPINY RAT MITE, ECHINOLAELAPS ECHIDNINUS (BER-LESE).

W Knulle

J Med Entomol 4(3):322-325

10 Aug 1967 421 J828

Blood meal, Echinolaelaps echidninus, Environment, Feeding, Humidity, Research, Water.

ST. LOUIS ENCEPHALITIS IN MCLEAN-SBORO, ILLINOIS, 1964.

R H Kokernot J Hayes N J Rose T H Work

J Med Entomol 4(3):255-260

10 Aug 1967 421 J828

Antibodies, Culex pipiens pipiens, Laboratories, Research, Saint louis encephalitis, Serological

22249-68

A STANDARD YELLOW JACKET TRAP FOR POPULATION SAMPLING AND CONTROL EVALUATION.

C J Rogers T H Lauret

J Econ Entomol 61(6):1739-1740

16 Dec 1968 421 J822

Insect control, Insect traps, Population, Sampling (statistics), Vespidae.

HOST-FEEDING PATTERNS OF ANOPHELES FREEBORNI IN THE SACRAMENTO VALLEY, CALIFORNIA.

R K Washino C H Tempelis

J Med Entomol 4(3):311-314 REF 10 Aug 1967 421 J828

Anopheles freeborni, Feeding, Insect behavior,

SYSTEMATICS

DIPTERA FROM NEPAL. ANTHOMYIIDAE. D M Ackland

Brit Mus (natur Hist) Entomol Bull Suppl 20(4):107-139 REF 1967 420 B773

Anthomyiidae, Catalogs, Insect taxonomy, Zoogeography.

ANGIONEURA ACERBA (MEIGEN, 1838) (DIP-TERA, CALLIPHORIDAE) NEW TO BRITAIN.

D M Ackland

Entomologist (london) 100(1248):122-123

May 1967 421 EN8

Calliphoridae, Insect taxonomy,

A NEW SPECIES OF CRANE FLY FROM GHANA (DIPTERA, TIPULIDAE).

C P Alexander

Entomologist (london) 100(1248):124-127

May 1967 421 EN8

Insect taxonomy, Surveys, Tipulidae.

ELENCHUS TENUICORNIS (KIRBY) (COLEOP-TERA, STYLOPOIDEA, STYLOPIDAE) IN CHESHIRE.

R R Askew

Entomologist (london) 100(1255):303

Dec 1967 421 EN8

Insect taxonomy, Stylopidae.

22255-68

RATZEBURGIOLA ERDOS (HYMENOPTERA, EULOPHIIDAE), A GENUS NEW TO THE BRITISH ISLES.

R R Askew

Entomologist (london) 100(1254):287

Nov 1967 421 EN8

Eulophidae, Insect taxonomy.

THREE NEW SPECIES OF PHYTOSEIID MITES PREYING ON THE COTTON WHITE FLY, BEMISIA TABACI IN THE SUDAN (ACARINA: PHYTOSEIIDAE).

Entomologist (london) 100(1247):106-111

Apr 1967 421 EN8

Acarina, Bemisia tabaci, Insect taxonomy, Parasitic mites.

ABNORMAL INDIVIDUALS AND TAXONOMIC ERRORS (HYMENOPT.). (FR)

I D Beaumont

Deut Entomol Ges Mitt 18(6):90-92

15 Dec 1959 420 D482

Abnormalities, Hymenoptera, Insect identification, Taxonomy.

22258-68

THE NATURAL GROUPS OF CAMP-SOMERIELLA BETR., 1941 (HYMENOPTERA SCOLIIDAE).

J G Betrem

Entomol Ber 27(2):25-29

01 Feb 1967 420 N38B

Insect taxonomy, Scoliidae, Zoogeography.

REVISION OF PALAEARCTIC SPECIES OF EUSANDALUM RATZ. HYM., EUPELMIDAE).

Z Boucek

Acta Ent Bohemoslov 64(4):261-293 REF 20 Jul 1967 420 C33

Catalogs, Hymenoptera, Insect taxonomy.

22260-68

THE DERMAPTERA OF THE NATURHIS-TORISKA RIKSMUSEUM, STOCKHOLM. PART III.

A Brindle

Arkiv Zool 20(6):533-552

15 Nov 1968 410.9 SV22

Catalogs, Dermaptera, Insect taxonomy, Zoogeography.

22261-68

TWO NEW SPECIES OF ARGASID TICKS (IX-ODOIDEA, ARGASIDAE) FROM CUBA.

V Cerny

Folia Parasitol 14(2):141-160

May 1967 436.8 C33

Argasidae, Bats, Insect taxonomy.

CHELIFERA APERTICAUDA COLLIN (DIPT., EMPIDIDAE IN KENT WITH NOTES ON OTHER EMPIDS.

Entornologist (london) 100(1245):25-26

Fcb 1967 421 EN8

Empididae, Insect taxonomy, Surveys, Zoogcography.

22263-68

LECTOTYPE DESIGNATIONS OF CERAM-BYCIDAE IN THE BRITISH MUSEUM (NATU-RAL HISTORY) (COLEOPTERA).

J A Chemsak

Kans Entomol Soc J 40(1):73-81

Jan 1967 420 K13

Cerambycidae, Insect identification, Insect names, Research.

22264-68

LECTOTYPE DESIGNATIONS OF CERAM-BYCIDAE IN THE MUSEUM D'HISTOIRE NATURELLE, PARIS (COLEOPTERA).

J A Chemsak

Kans Entomol Soc J 40(1):81-83

Jan 1967 420 K13

Cerambycidae, Insect identification, Insect names, Research, Taxonomy.

SEASONAL ABUNDANCE OF TABANIDAE AT MAZABUKA, ZAMBIA.

J E Clarke

Roy Entornol Soc London Proc Ser A Gen Entomol 43(7/9):108-121 MAP

31 Oct 1968 420 L84PA

Climate, Insect taxonomy, Insect traps, Research, Tabanidae, Temperature.

22266-68

CONTRIBUTION TO THE STUDY OF THE CAECULIDAE. IV. PROCAECULUS BRYANI JACOT, 1936 (ACARIENS: PROSTIGMATES). (FR)

Y Coineau

Pacific Insects 9(4):709-720

20 Nov 1967 421 P11

Acarina, Insect taxonomy, Zoogeography.

22267-68

THE INDO-ORIENTAL TRIBE CHERITRINI (LEPIDOPTERA: LYCAENIDAE).

C F Cowan

Brit Mus (natur Hist) Entomol Bull Suppl 20(3):77-103 REF 1967 420 B773

Catalogs, Insect taxonomy, Lycaenidae.

22268-68 HYMENOPTERA **FROM** TURKEY. SPHECIDAE, I. (FR)

J De Beaumont P Roth

Brit Mus (natur Hist) Entomol Bull Suppl 19(5):253-382 REF 1967 420 B773

Catalogs, Insect taxonomy, Sphecidae, Zoogeography. English abstract

22269-68

SOME NEW AMERICAN SARCOPHAGIDAE (DIPTERA).

Pacific Insects 9(4):679-686 20 Nov 1967 421 P11

Insect taxonomy, Sarcophagidae, Surveys.

22270-68

A REVISION OF THE TERTIARY FOSSIL SPECIES OF THE KALOTERMITIDAE (ISOPTERA).

A E Emerson

Amer Mus Novitates (2359):1-57 MAP REF 10 Fcb 1969 500 N4830N

Catalogs, Ecology, Insect evolution, Insect taxonomy, Paleoentomology, Termites, Zoogeography.

22271-68

THE RED CURRANT GALL MITE CECIDOPII YOPSIS SELACHODON N. SP.

G L van Eyndhoven

Entomol Ber 27(8):149-151

01 Aug 1967 420 N38B

Ceeidophyes ribis, Inscet taxonomy.

22272-68

THE ALYSIINAE (HYM. BRACONIDAE)
PARASITES OF THE AGROMYZIDAE (DIPTERA). VI. THE PARASITES OF
CERODONTIIA RONDANI S. I.

G C D Griffiths

Beitr Entornol 18(1-2):63-152 REF

1968 421 B392

Agromyzidae, Braconidae, Catalogs, Inseet taxonomy, Parasitism, Zoogeography.

22273-68

ON THE COLLEMBOLA OF THE SOVIET UNION. III. PROISTOMA (DIMORPHIELLA) MURIPHELA N. SUBGEN., N. SP., FROM NOVOSIBIRSK. (GE)

A Grinbergs

Opusc Entomol 33(1-2):139-142

1968 421 OP7

Collembola, Insect taxonomy

22274-68

GOLANUDIPLOSIS JAPONICUS--A NEW MIDGE ATTACKING COMSTOCK MEALYBUG IN JAPAN (DIPTERA: ITONIDIDAE).

P Grover S N Prasad

Beitr Entomol 18(1-2):213-220

1968 421 B392

Cecidomyiidae, Inseet taxonomy, Oriental region, Predaceous inseets, Pseudococcus comstocki.

22275-68

COLLECTING IN TURKEY 1959, 1960, 1962.

K M Guichard D H Harvey

Brit Mus (natur Hist) Entomol Bull Suppl

19(4):223-250 MAP 1967 420 B773

Climate, Entomology, Topography.

A list of collecting localities and their topographic and elimatic descriptions is presented for three entomological collecting expeditions for the British Museum (Natural History) in Turkey in 1959, 1960 and 1962.

22276-68

CONTRIBUTION TO THE MORPHOLOGICAL AND BIOLOGICAL STUDY OF TETRANYCHUS NEOCALEDONICUS ANDRE 1933 (ACARINA-TETRANYCHIDAE) COTTON RED-SPIDER IN MADAGASCAR. (FR)

J P Gutierrez

Coton Fibres Trop 22(2):183-195 REF

Jun 1967 73.8 C82

Drug therapy, Insect biology, Insect control, Insect morphology, Insect taxonomy, Reproduction, Research, Tetranychus neocaledonicus. English summary

22277-68

RECENT HEMIPTERA OF THE CANARY ISLANDS. (GE)

N Gyllensvard

Arkiv Zool 20(6):553-564

15 Nov 1968 410.9 SV22

Catalogs, Hemiptera, Inseet taxonomy, Surveys, Zoogcography.

22278-68

FAUNISTIC NEWS (LEP. OECOPIIORIDAE AND TORTRICIDAE). (GE)

H J Hannemann

Deut Entomol Ges Mitt 20(4):58-59

15 Aug 1961 420 D482

Lepidoptera, Oecophoridae, Taxonomy, Tortricidae, Zoogeography.

22279-68

A NEW TORTRICIDA FROM CENTRAL EUROPE (LEP. TORTRICIDAE). (GE

H J Hannemann

Deut Entornol Ges Mitt 19(1):8

15 Feb 1960 420 D482

Butterflies, Lepidoptera, Taxonomy, Tortricidae, Zoogeography.

22280-68

NEW SPECIES OF ERYTHRONEURA (HOMOPTERA: CICADELLIDAE).

L W Hepner

Entomol News (philadelphia) 78(3):59-73

Mar 1967 421 EN88

Erythroneura, Insect identification, Insect taxonomy, Research.

22281-68

A REVISION OF THE GENUS TAKECALLIS MATSUMURA (HOMOPTERA: APHIDIDAE). H Higuchi

Insecta Matsumurana 31(PT 4):25-34 REF

Oct 1968 421 IN77

Aphididae, Catalogs, Insect taxonomy, Zoogeography.

22282-68

INITIAL SURVEY OF ARTHROPOD PREDATORS OF THE EUROPEAN RED MITE IN SOUTH-CENTRAL PENNSYLVANIA.

R L Horsburgh D Asquith

J Econ Entomol 61(6):1752-1754

16 Dec 1968 421 J822

Colcoptera, Heteroptera, Insect collecting equipment, Mites, Panonychus ulmi, Predaecous insects, Surveys, Thysanoptera.

22283-68

HOMOPTERA OF THE KURILE ISLANDS.

T Ishihara

Shikoku Entornol Soc Trans 9(2):31-40

Sep 1966 420 SH6

Entomology, Homoptera, Insect names, Reports, Research.

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BIOLOGICAL OBSERVATIONS ON 53 SPECIES OF THE SUPERFAMILIES, CHALCIDOIDEA AND PROCTOTRUPOIDEA, FROM JAPAN (HYMENOPTERA: APOCRITA).

K Iwata T Tachikawa

Shikoku Entomol Soc Trans 9(1):1-26

Apr 1966 420 SH6

Biology, Chalcidoidea, Histology, Insect behavior, Insect names, Proetotrupoidea, Research.

22285-68

ON THE IDENTITY OF THE GREEK PARASITIC INSECT OISTROS.

J Jansen

Entomol Ber 27(2):30-36 REF

01 Feb 1967 420 N38B

History, Hypoderma bovis, Insect identification. Dutch abstract

22286-68

PALTSA EXPEDITION 1964 (LEPIDOPTERA). (NO)

R Johansson 1 Svensson Opuse Entornol 33(1-2):119-128

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Catalogs, Insect taxonomy, Lepidoptera, Zoogeography.

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STUDIES ON ETHIOPIAN PTILIDAE. I. AFRICOPTILIUM GEN. N. FROM CENTRAL AFRICA.

C Johnson

Entomologist (london) 100(1254).288-292

Nov 1967 421 EN8

Coleoptera, Insect taxonomy.

22288-68

ADDITIONS AND CORRECTIONS TO THE BRITISH LIST OF ATOMARIA S. STR. (COL., CRYPTOPHAGIDAE), INCLUDING A SPECIES NEW TO SCIENCE.

C Johnson

Entomologist (london) 100(1245).39-47

Feb 1967 421 EN8

Catalogs, Coleoptera, Insect morphology, Insect taxonomy.

22289-68

TAXONOMIC NOTES ON BRITISH COLEOPTERA. NO. 6. STENUS GLACIALIS HEER (STAPHYLINIDAE).

C Johnson

Entomologist (london) 100(1244):22-24

Jan 1967 421 EN8

Insect taxonomy, Staphylinidae.

22290-68

THE IDENTITY OF BRACHYPTEROLUS LINARIAE (STEPHENS) (COL., NITIDULIDAE), WITH NOTES ON ITS OCCURRENCE IN BRITAIN.

C Johnson

Entomologist (london) 100(1248):142-144

May 1967 421 EN8

Catalogs, Insect taxonomy, Nitidulidae, Surveys, Zoogeography.

22291-68

TAXONOMY--ECOLOGY, A MUTUAL RELATIONSHIP.

H Kauri

Opusc Entomol 33(1-2):24-27

1968 421 OP7

Entomology, Insect eeology, Insect taxonomy.

2292-68

TWO NEW AFRICAN SUB-SPECIES OF SPHIN-GIDAE (LEP. SPHINGIDAE). (GE)

K Kernbach

Deut Entomol Ges Mitt 21(4):53-56

15 Aug 1962 420 D482

Lepidoptera, Sphingidae, Taxonomy, Zoogeography.

22293-68

A NEW EFFECTIVE FLOTATION METHOD FOR THE COLLECTION OF NIDICOLOUS PARASITES AND OTHER NEST INHABI-TANTS.

D Kesmiris

Folia Purasitol 14(2):185-188

May 1967 436.8 C33

May 1967 436.8 C33
Aquatic animals, Aquatic insects, Insect collecting equipment, Methodology.

22294.68

TAPINESTHIS INERMIS, A NEW OONOPID FOR GERMANY (ARACHNIDA, ARANEAE, OONOPIDAE). (GE)

O Kraus

Senckenb Biol 48(5-6):381-385

22 Dec 1967 410.9 SE5

Insect biology, Insect taxonomy, Spiders. French abstract

22295-68

TAXONOMY AND BIOLOGY OF TRITHYREUS BRASILIENSIS N. SP. (ARACH., PEDIPALPI, SCHIZOPELTIDIA). (GE)

O Kraus L Beek

Senckenb Biol 48(5-6):401-405

22 Dec 1967 410.9 SE5

Insect biology, Insect taxonomy, Pedipalpida, Spiders. English abstract

STENOBOTHRUS (STENOBOTHRODES) COT-TICUS NOV. SPEC., A NEW GRASSHOPPER FROM THE FRENCH ALPS (ORTHOPTERA, ACRIDIDAE).

G Kruseman A W Jeekel Entomol Ber 27(1):1-7 01 Jan 1967 420 N38B

Acrididae, Catalogs, Insect taxonomy.

22297-68

A REVISION OF THE GENUS PERIOPE HALIDAY WITH DESCRIPTION OF A NEW (HYMENOPTERA, ICHNEU-MONIDAE).

K Kusigemati

Insecta Matsumurana 31(PT,1-2):7-11

Sep 1968 421 IN77

Catalogs, Jehneumonidae, Inseet taxonomy, Zoogeography.

22298-68

A NEW BEE OF THE GENUS ANDRENA FROM INDIA (HYMENOPTERA: ANDRENIDAE).

W E LaBerge

Entomologist (london) 101(1260):97-100

May 1968 421 EN8

Andrenidae, Inseet taxonomy.

CONTRIBUTION TO THE KNOWLEDGE OF THE BORNEAN PSENINI (HYMENOPTERA, SPHECIDAE).

LP van Lith

Entomol Ber 27(1):15-20

01 Jan 1967 420 N38B

Catalogs, Insect taxonomy, Sphecidae, Surveys.

A NEW PHOTINUS FIREFLY, WITH NOTES ON MATING BEHAVIOR AND A POSSIBLE CASE OF CHARACTER DISPLACEMENT (COLEOPTERA: LAMPYRIDAE).

J E Lloyd

Coleopt Bull 22(1):1-10 MAP

Mar 1968 421 C674

Catalogs, Inseet behavior, Inseet taxonomy, Lampyridae, Sex behavior, Surveys, Zoogeography.

THE PRAIRIE PENINSULA AND SECONDARY INTERGRADATION IN PHOTINUS FIREFLIES (COLEOPTERA: LAMPYRIDAE).

J E Lloyd

Coleopt Bull 21(2):33-39

Jun 1967 421 C674

Geography, Insect identification, Lampyridae, Photinus, Research.

INSECT CATALOGS OF SWEDEN, XVIII. COLEOPTERA, 1960. (NO)

S Lundberg

Opusc Entomol 33(1-2):197-218

1968 421 OP7

Catalogs, Coleoptera, Inseet taxonomy, Sweden.

22303-68

EUROPEAN SPECIES LYSIPHLEBUS (HYM. APHIDIDAE). (GE)

M Mackauer

Deut Entomol Ges Mitt 21(1):12-13

15 Feb 1962 420 D482

Aphididae, Hymenoptera, Taxonomy, Zoogeography.

22304-68

AUSTRALIAN BLATTIDAE (BLATTODEA). VIII. THE PLATYZOSTERIA GROUP; SUB-GENUS MELANOZOSTERIA STAL.

M J Mackerras

Australian J Zool 16(2):237-331 MAP

May 1968 410 AU73

Blattidae, Catalogs, Inseet taxonomy, Zoogeography.

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REVISION OF THE CERATOZETIDAE. 5. CERATOZETES THIENEMANNI WILLMANN (ARACH., ACARI, ORIBATEI). (GE)

H-G Menke

Senckenb Biol 48(5-6):415-419 22 Dec 1967 410.9 SE5

Acarina, Inseet taxonomy

22306-68

ENTOMOLOGY AND ENTOMOLOGISTS.

H A U Monro

Entomol Soc Ontario Proc 97:11-13

1966 420 ON8

Entomologists, Entomology, Insect control. Research, Teaching.

22307-68

THYSANURA IN CAERNARVONSHIRE.

M J Mrs Morgan

Entomologist (london) 101(1259):73-75

Apr 1968 421 EN8

Catalogs, Insect taxonomy, Thysanura.

22308-68

TROGODERMA ANGUSTUM SOL. IN GERMANY (COL., DERMESTIDAE). (GE)

M Mroezkowski

Deut Entomol Ges Mitt 19(6):95-96 REF

15 Dec 1960 420 D482

Coleoptera, Trogoderma angustum, Zoogeography.

SUPPLEMENTARY INFORMATION ON THE APHIDIDAE FAUNA OF CENTRAL EUROPE. (GE)

F P Mueller

Deut Entornol Ges Mitt 20(5-6):69-70

15 Nov 1961 420 D482

Aphididae, Research, Zoogeography.

CONCERNING THE INFLUENCE OF VARIOUS LIGHT COLORS AND THE DIFFERENT POPU-LATION DENSITIES ON THE LIFESPAN AND EGG PRODUCTION OF THE CARROT FLY, PSILA ROSEA FABR.

E Naton

Anz Schadlingskunde 41(8):113-116

Aug 1968 421 AN9

Eggs, Fluorescent lamps, Insect cages, Longevity, Morphology, Psila rosae, Research. English sum-

22311-68

NOTES ON BUPRESTIDAE (COLEOPTERA): PART VI.

G H Nelson

Coleopt Bull 22(1):28-30

Mar 1968 421 C674

Buprestidae, Catalogs, Insect taxonomy, Zoogeography.

22312-68

ABYSSAL HALACARIDAE (ACARI) FROM THE SOUTHEAST PACIFIC.

1 M Newell

Pacific Insects 9(4):693-708

20 Nov 1967 421 P11

Aearina, Eeology, Insect taxonomy, Surveys.

22313-68

NOTES ON CECIDOMYIDAE, I.

W Nijveldt

Entomol Ber 27(1):8-14 REF

01 Jan 1967 420 N38B Catalogs, Ceeidomyiidae, Inseet taxonomy.

22314-68

A REVISION OF THE GENUS MICROGASTER LATREILLE (HYMENOPTERA: BRACONIDAE).

G E J Nixon

Brit Mus (natur Hist) Entomol Bull Suppl 22(2):33-72 REF

1968 420 B773

Braeonidae, Insect taxonomy, Zoogeography,

22315-68

ON THE TAXONOMY AND DISTRIBUTION OF THE EUROPEAN AND MIDDLE-EAST SPECIES OF THE TABANUS BOVINUS-GROUP (DIPTERA, TABANIDAE). (GE)

N G Olsufiev J Moueha M Chvala

Acta Ent Bohemoslov 64(4):303-313

20 Jul 1967 420 C33

Insect taxonomy, Tabanus, Zoogeography. Russian English and Czech abstracts

SURVEILLANCE AND PREVENTION, MANAGEMENT OF INVADING PEST INSECTS.

P Oman

Entomol Soc Amer Bull 14(2):98-102

Jun 1968 423.9 EN8

Insects, Management, Pest control.

22317-68

COMPARISON OF THREE METHODS OF EXTRACTING THE FLOWER THRIPS FROM ROSE FLOWERS.

A K Ota

J Econ Entornol 61(6):1754-1755

16 Dec 1968 421 J822

Filters, Frankliniella tritiei, Inseet collecting equipment, Microseopy, Rosa, Thripidae.

22318-68

A REVIEW OF THE TRIBE RUTILIINI (DIP-TERA: TACHINIDAE) I. GENERA OTHER THAN RUTILIA ROBINEAU-DESVOIDY AND FORMOSIA GUERIN-MENEVILLE.

J Paramonov

Australian J Zool 16(2):349-404 REF

May 1968 410 AU73

Catalogs, Insect taxonomy, Tachinidae, Zoogeog-

22319-68

TAGGING APHIDS.

J Pettersson

Opusc Entomol 33(1-2):219-229 REF

1968 421 OP7

Aphididae, Labeling, Methodology, Myzus per-

22320-68

GENERA AND SPECIES OF THE DERMAP-TERA. 5. SPONGIPHORINAE AND LABIINAE.

E J Popham A Brindle Entomologist (london) 100(1253):255-262

Oct 1967 421 EN8 Catalogs, Dermaptera, Inseet taxonomy, Zoogeography.

22321-68

GENERA AND SPECIES OF THE DERMAP-TERA. 4. PERICOMINAE, STRONGYLOPSALINAE, NE VANDICINAE, NESOGASTRINAE, **ISOPYGINAE** AND SPARATTINAE

(LABIIDAE).

E J Popham A Brindle Entomologist (london) 100(1245):35-38

Feb 1967 421 EN8

Catalogs, Dermaptera, Inseet taxonomy, Zoogeography.

22322-68

HETERONYCHIA (SPATULAPICA) SLOVACA SP. N. AND NOTES ON THE TAXONOMY OF HETERONCHIA (SPATULAPICA) RODENDOR-FI (POVOLNY AND SLAMECKOVA, 1959) (DIPTERA). (GE)

D Povolny M Slameckova

Acta Ent Bohemoslov 64(4):314-318

20 Jul 1967 420 C33

Catalogs, Diptera, Insect taxonomy, Zoogeography. English and Czech abstracts

22323-68

AN INDEX-CATALOGUE OF **AFRICAN** PHANEROPTERINAE (ORTHOPTERA: TET-TIGONIIDAE). D R Ragge

Brit Mus (natur Hist) Entomol Bull Suppl 22(3):75-108 REF 1968 420 B773

Catalogs, Inscct taxonomy, Tettigoniidae.

NEW NEARCTIC AND NEOTROPICAL MUSCOIDEAN DIPTERA (SARCOPHAGIDAE AND TACIIINIDAE).

H J Reinhard

Kans Entomol Soc J 40(1):94-110

Jan 1967 420 K13

Anatomy, Color, Cuticle, Diptera, Insect identification, Insect names, Research.

ON THE OCCURRENCE OF FOSSIL INSECTS THE MESOZOIC ROCKS OF WESTERN AUSTRALIA.

E F Rick

Aust Mus Rec 27(16):311-312

28 Nov 1968 514 AU7

Blattidae, Coleoptera, Insect taxonomy, Paleoentomology.

22326-68

TWO NEW AND ECONOMICALLY SIGNIFICANT CHLOROPIDAE, WITH THE DESCRIPTION OF A NEW GENUS (DIPTERA).

C W Sabrosky

Kans Entomol Soc J 40(2):151-156

Apr 1967 420 K13

Chloropidae, Insect identification, Research, Taxonomy

22327-68

NEW NASAL MITES PTILONYSSUS AND PARANEONYSSUS (ACARINA: MESOSTIGMATA), FROM TAIWAN AND NEW GUINEA.

1 Sakakibara

Pacific Insects 9(4):597-601 20 Nov 1967 421 P11

Insect taxonomy, Mesostigmata.

22328-68

THE TYPES AND TAXONOMY OF THE NATURE-MUSEUM SECKENBERG 38: INSECTA LEPIDOPTERA HEPIALIDAE. (GE)

H Schroder

Senckenb Biol 48(5-6):337-344

22 Dec 1967 410.9 SE5

Catalogs, Hepialidae, Insect taxonomy, Zoogeography.

22329-68

BIOLOGICAL OBSERVATIONS ON SOME SANDFLIES (PHLEBOTOMUS) OF RANCHO GRANDE (VENEZUELA). I. DESCRIPTION OF A LIMITED AREA OF A CLOUDY FOREST AND THE TAXONOMY OF THE PHLEBOTOMUS (DIPTERA, PSYCHODIDAE). (SP)

J V Scorza 1 Ortiz M Ramirez

Acta Biol Venezuelica 5(11):179-200 MAP REF 08 Aug 1967 475 AC86

Insect ecology, Insect taxonomy, Phlebotomus. English abstract.

22330-68

EURYCOLPUS ENSLINI N. SP., A NEW SPECIES OF PHYLINI DGL. SC. FROM SOUTHERN TURKEY (HETEROPTERA MIRIDAE). (GE)

G Seidenstucker

Deut Entomol Ges Mitt 18(5):74-76

15 Oct 1959 420 D482

Heteroptera, Miridae, Taxonomy, Zoogeography.

THE TAXONOMY AND BIOLOGY OF TWO SYMPATRIC SIBLING SPECIES OF CULEX, C. PIPIENS AND C. TORRENTIUM (DIPTERA, CULICIDAE).

M W Service

J Zool 156(PT 3):313-323 REF

Nov 1968 410.9 L84P

Culex, Culex pipiens, Insect biology, Insect taxonomy, Zoogeography.

22332-68

INVESTIGATIONS CONCERNING GALL GNATS. VI. THE JUSTIFICATION OF THE GENUS NOURYODIPLOSIS TAVARES 1929. (GE)

H Stelter

Deut Entomol Ges Mitt 20(5-6):70-73

15 Nov 1961 420 D482

Cecidomyiidae, Insect identification, Research, Taxonomy

22333-68

CHIROTHRIPS TUTTLEI N. SP. AN ISOLATED FRINGE-WINGED INSECT FROM ARIZONA, U. S. A. (INS., THYSANOPTERA, THRIPIDAE). (GE)

R Z Strassen

Senckenb Biol 48(5-6):345-355

22 Dcc 1967 410.9 SE5

Insect taxonomy, Thripidae.

THE WOOD CRICKET, NEMOBIUS SILVESTRIS (BOSC), (ORTHOPTERA, GRYLLIDAE) IN SURREY.

A. F. Stubbs

Entomologist (london) 100(1254):284

Nov 1967 421 EN8

Gryllidae, Insect taxonomy.

22335-68

LIPOKOPHILA CHINAI GEN. N., SP. N.- A NEW GENUS OF PLOK (HETEROPTERA) FROM BRAZIL. PLOKIOPHILIDAE

Acta Ent Bohemoslov 64(4):248-258

20 Jul 1967 420 C33

Catalogs, Heteroptera, Insect taxonomy.

22336-68

AMPHIPYRA PYRAMIDEA L. A DOUBLE SPE-CIES (LEP., AGROLIDAE). (NO)

1 Svcnsson

Opusc Entomol 33(1-2):183-188

1968 421 OP7

Insect ecology, Insect taxonomy, Lepidoptera. English abstract

THE DIPTEROUS GENUS DIOSTRACUS LOEW (DOLICHOPODIDAE).

S Takagi

Insecta Matsumurana 31(PT 5):35-62

Dec 1968 421 IN77

Catalogs, Dolichopodidae, Insect ecology, Insect taxonomy, Zoogcography.

22338-68

NOTES THE INDO-AUSTRALIAN BASICEROTINE ANTS (HYMENOPTERA: FOR-MICIDAE).

R W Taylor

Australian J Zool 16(2):333-348

May 1968 410 AU73

Catalogs, Formicidae, Insect taxonomy, Zoogeography.

22339-68

NOTES ON THE SCANDINAVIAN PTYCHOP-TERIDAE, WITH DESCRIPTION OF A NEW SPECIES (DIPTERA).

B Tjcder

Opusc Entomol 33(1-2):73-79 MAP REF

1968 421 OP7

Diptera, Insect ecology, Insect taxonomy, Zoogeography.

22340-68

A REVIEW OF NORTH AMERICAN ARDE-ICOLA (MALLOPHAGA: PHILOPTERIDAE).

Kans Entomol Soc J 40(2):241-263 REF

Apr 1967 420 K13

Ardeicola, Insect behavior, Insect dissemination, Insect identification, Research, Taxonomy.

22341-68

A NEW CONTRIBUTION TO THE TAXONOMY OF THE GENUS STHENARUS FIEBER AND PSALLUS FIEBER(HEM. HET, MIRIDAE), (GE)

Deut Entomol Ges Mitt 19(1):9-13

15 Feb 1960 420 D482

Hemiptera, Heteroptera, Insect identification, Miridae, Psallus, Taxonomy.

22342-68

NOTES ON THE GENERA COSMOPHORUS AND ORGILUS IN JAPAN WITH DESCRIP-TION OF A NEW SPECIES (HYMENOPTERA, BRACONIDAE).

C Watanabe

Insecta Matsumurana 31(PT, 1-2):1-6

Sep 1968 421 IN77

Braconidac, Catalogs, Insect taxonomy, Surveys, Zoogeography.

22343-68

SOME SWEDISH HYDROPORUS SPECIES (COL., DYTISCIDAE) WITH DESCRIPTIONS OF HYDROPORUS ELJASI N. SP. . (no)

E Wiren

Opusc Entornol 33(1-2):114-118

1968 421 OP7

Dytiscidae, Insect ecology, Insect taxonomy

NEW RECORDS OF TWO CURCULIONID BEE-TLES IN NORTH CAROLINA.

D L Wray

Entomol News (philadelphia) 78(9):226

Nov 1967 421 EN88

Gymnetron antirrhini, Hylobius, Research, Taxonomy

22345-68

NOTES ON THE NAME LEPTOPHNAE (COLEOPTERA: CURCULIONIDAE).

E C Zimmerman

Coleopt Bull 22(1):16-17

Mar 1968 421 C674

Catalogs, Curculionidae, Insect taxonomy

PHYSIOLOGY AND BIOCHEMISTRY

22346-68

HEMOLYMPH PROTEINS AND REPRODUC-TION IN PERIPLANETA AMERICANA: THE NATURE OF CONJUGATED PROTEINS AND THE EFFECT OF CARDIAC-ALLATECTOMY

ON PROTEIN METABOLISM. K G Adiyodi K K Nayar Biol Bull 133(2):271-286 REF

Oct 1967 442.8 B52

Biochemistry, Hemoproteins, Insect metabolism, Periplaneta americana.

22347-68 SEXUAL RESPONSES OF ADULT MALE AEDES AEGYPTI USING THE FORCED-COPU-LATION TECHNIQUE.

D H Akcy J C Jones

Biol Bull 135(3):445-453 REF

Dec 1968 442.8 B52

Aedes acgypti, Insect behavior, Scx behavior.

THE MORPHOLOGICAL BASIS OF EMBRYONIC MOVEMENTS IN THE LIGHT BROWN APPLE MOTH, EPIPHYAS POSTVITTANA (WALK.) (LEPIDOPTERA: TOR-TRICIDAE).

D T Anderson E C Wood

Australian J Zool 16(5):763-793 REF

Nov 1968 410 AU73

Embryology, Insect morphology, Insect physiology, Tortricidae.

22349-68

TECHNICAL NOTES ON HARMFUL INSECTS FROM MALAGASY. (FR)

I Appert

Agron Trop 22(5):504-552

May 1967 26 AG86

Heteroptera, Insect pests, Insect taxonomy.

SUN ORIENTATION DURING MIGRATION IN SOME BRITISH BUTTERFLIES.

Roy Entomol Soc London Proc Ser A Gen Entomol 43(7/9):89-95

31 Oct 1968 420 L84PA

Butterflies, Insect dissemination, Insect ecology. Insect flight, Insect migration. Species dealt with were: Picris brassicae, P. napi, Maniola jurtina, Aglais urticae, Inachis, Vanessa atalanta, and V.

ELECTROMICROSCOPIC EXPERIMENTAL STUDY AND OBSERVATIONS OF THE DEPOSITION OF THE ENDO AND EXOCUTI-CLES IN THE LARVAE OF GALLERIA MEL-LONELLA L. (LEPIDOPTERA PYRALIDAE). (FR)

R Barbier

Acad Sci Compt Rend Ser D Sci Nat 266(15, 1ST SEMESTER):1613-1615

08 Apr 1968 505 P21

Cuticle, Electron microscopy, Galleria mellonella.

NOTES ON THE BIOLOGY OF THE PARASITIC MITE PYEMOTES SCOLYTI OUD. (ACARI: PYEMOTIDAE).

R A Beaver

Entomologist (london) 100(1244):9-10

Jan 1967 421 EN8

Acarina, Habitats, Insect behavior, Insect ecology, Life cycle, Scolytus, Sex behavior.

HYMENOPTERAN **PARASITES** LONCHAEA FUGAX BECKER (DIPTERA: LONCHAEIDAE).

R A Beaver

Entomologist (london) 100(1255):304-306

Dec 1967 421 EN8

Diptera, Hymenoptera, Parasitism, Pteromalidae.

22354-68

THE DISTRIBUTION PATTERN OF INDIRECT FLIGHT MUSCLE FIBRES IN AEDES AEGYPTI (L.) (DIPTERA: CULICIDAE).

E B Beckett W W Macdonald

Roy Entomol Soc London Proc Ser A Gen Entomol 43(7/9):135-139

31 Oct 1968 420 L84PA

Aedes aegypti, Fibers, Insect anatomy, Insect dissemination, Insect flight, Muscles, Research.

OCCURRENCE OF GIANT MUSCLE FIBERS IN THE FLIGHT MUSCLE OF PANTALA FLAVESCENS (F.) (LIBELLULIDAE: ODONATA).

U K M Bhat

Cur Sci 37(7):207-208

05 Apr 1968 475 SCI23

Insect morphology, Muscles, Odonata.

22356-68

DEMOGRAPHY OF THE DAMSELFLY, ARGIA PLANA CALVERT (ODONATA PLANA CA COENAGRIIDAE). CALVERT

G H Bick J C Bick

Entomol Soc Wash Proc 70(3):197-203

Sep 1968 420 W27

Demography, Insect behavior, Odonata, Reproduction.

N-METHYL 3-METHYL-5-ETHYL PHENYL CARBAMATE AS AN INSECTICIDE PATENT

P J Brooker J Gillon G T Newbold D T Saggers Us Patent Office Offic Gaz 858(2):604 14 Jan 1969 156.65 OF2

Carbamates, Chemistry, Ethyl-3-methylphenyl Nmethylcarbamate, 5-, Insect control, Insecticides, Patents

22358-68

INFLUENCE OF TEMPERATURE ON THE FECONDITY OF ASAPHES VULGARIS (IIYMENOPTERA, WALKER PTEROMALIDAE), (FR)

G Broussal

Acad Sci Compt Rend Ser D Sci Nat 266(15, 1ST SEMESTER):1586-1588

08 Apr 1968 505 P21

Fertility, Insect physiology, Insect temperature, Pteromalidae.

22359-68

THE ANTENNAL ORIGIN OF THE NEURO-EN-DOCRINE REFLEXES OF THE DICTYOPTERA BLABERIDAE AND BLATTIDAE. (FR)

P Brousse-Gaury

Acad Sci Compt Rend Ser D Sci Nat 267(16, 2ND SEMESTER):1312-1314 REF

14 Oct 1968 505 P21

Antennae, Blattidae, Insect morphology, Nervous system, Reflexes.

22360-68

LOCALIZATION OF THE NUCLEAR ORIGIN IN THE PARACARDIAC NERVES OF DICTYOPTERA BLABERIDAE AND BLATTIDAE.

P Brousse-Gaury

Acad Sci Compt Rend Ser D Sci Nat 266(19, 1ST SEMESTER):1972-1975

06 May 1968 505 P21

Blattidae, Insect morphology, Nervous system.

DESCRIPTION OF THE NEURO-ENDOCRINE REFLEX ARCS BEHIND THE OCELLI IN THE DICTYOPTERAN MANTIDAE. (FR.)

P Brousse-Gaury

Acad Sci Compt Rend Ser D Sci Nat 267(18, 2ND SEMESTER):1468-1470

28 Oct 1968 505 P21

Insect morphology, Mantidae, Nervous system.

22362-68

ANTIFEEDING EFFECT OF DDT ON BOLL-WORM AND TOBACCO BUDWORM LARVAE. H R Bullock D A Wolfenbarger

J Econ Entomol 61(6):1760-1761

16 Dec 1968 421 J822

Acetone, Biological assay, DDT, Emulsifying agents, Feeding, Heliothis virescens, Heliothis zea, Insect behavior, Larvae, Toxaphene. DDT and toxaphene tested separately and together.

22363-68

DEVELOPMENTS IN PEST CONTROL. I. THE PRESENT STATUS OF RESISTANCE. II. THE FUTURE OF PEST CONTROL.

J R Busvine

Pans (pest Articles News Sum) Sect A Insect Contr 14(3):310-328 REF

Aug 1968 423.92 G798

Insect pests, Insecticide resistant insects, Pest control, Physiology.

22364-68

THE REGULATION OF CYCLIC REPRODUC-TIVE AND FEEDING ACTIVITY IN THE MILK-WEED BUG ONCOPELTUS BY TEMPERA-TURE AND PHOTOPERIOD.

R L Caldwell H Dingle

Biol Bull 133(3):510-525 REF

Dec 1967 442.8 B52

Food habits, Insect behavior, Oncopeltus fasciatus, Photoperiodism, Reproduction, Temperature.

FIELD STUDIES OF INSECTICIDES FOR CON-TROL OF THE COFFEE LEAF MINER, LEU-COPTERA COFFEELLA.

J M Campbell J G Rodriguez K G Eveleens Pans (pest Articles News Sum) Sect A Insect Contr 14(3):376-385

Aug 1968 423.92 G798

Coffee, Insect control, Insecticides, Leucoptera coffeella, Research.

CONTRIBUTION OF A BIOLOGICAL STUDY OF PISSODES NOTATUS F. (COL. CURCU-LIONIDAE). (FR)

Rev Zool Agr Appl 66(10-12, 4TH TRIMESTER):139-151

1967 410.9 SO12

Curculionidae, Insect biology, Insect morphology, Insect rearing, Life cycle, Parthenogenesis.

Laboratory rearing of Pissodes notatus and study of various stages of the life cycle under experimental conditions are given.

OF THE FROHNEI BLACK FLY MORPHOLOGY PROSIMULIUM SOMMERMAN (DIPT. SIMULIIDAE).

G Carlsson

Opusc Entomol 33(1-2):191-196

1968 421 OP7

Insect morphology, Simuliidae, Zoogeography.

INVESTIGATIONS INTO THE CIRCUMPOLAR BLACKFLY FAUNA (FAM. SIMULIIDAE, DIPT.). (NO)

G Carlsson

Opusc Entomol 33(1-2):12-14

1968 421 OP7

Insect ecology, Simuliidae, Zoogeography.

LIGHT-INHIBITION OF FLASHING IN THE FIREFLY PHOTURIS MISSOURIENSIS.

J Case M S Trinkle

Biol Bull 135(3):476-484 REF

Dec 1968 442.8 B52

Central nervous system, Insect physiology, Lampyridae, Luminescence, Photosensitization.

RESEARCH ON THE SEXUAL BEHAVIOR OF PITYOKTEINES SPINIDENS REIT. (COLEOPTERA SCOLYTIDAE POLYGAMOUS) AND A STUDY OF THE FACTORS THAT MAKE THE MALE MORE ATTRACTIVE TO THE FEMALE. (FR)

C Chararas

Acad Sci Compt Rend Ser D Sci Nat 266(18, 1ST SEMESTER):1852-1855

29 Apr 1968 505 P21

Insect behavior, Pheromones, Scolytidae, Sex attractants. Sex behavior.

22371-68

NOTES ON THREE SPECIES OF ACTIA (DIPT., TACHINIDAE), PARASITES OF OAK-FEEDING CATERPILLARS.

L Cheng

Entomologist (london) 100(1253):265-268

Oct 1967 421 EN8

Food habits, Operophtera brumata, Parasitism, Tachinidae.

22372-68

DISRUPTED FERTILITY OF THE HIDEBEE-TLE DERMESTES MACULATUS (DEG.) DUE TO DIETARY OVERDOSE OF BIOTIN.

E Cohen H Z Livinson

Experientia 24(4):367-368

15 Apr 1968 475 EX7

Biotin, Dermestidae, Insect metabolism, Insect physiology, Sterility.

22373-68

DAILY WEIGHT GAIN OF THE EUROPEAN CORN BORER REARED ON ARTIFICIAL MEDIA (LEPIDOPTERA: PYRAUSTIDAE).

S C Conway J A Harding

Kans Entomol Soc J 40(1):1-3

Jan 1967 420 K13

Culture media, Insect morphology, Insect rearing, Light, Ostrinia nubilalis, Research.

22374-68

AN INVESTIGATION OF FACTOR S, A NEU-ROMUSCULAR EXCITATORY SUBSTANCE FROM INSECTS AND CRUSTACEA.

R I Cook

Biol Bull 133(3):526-538 REF

Dec 1967 442.8 B52

Biochemistry, Insect physiology, Muscles, Neurolo-

22375-68

STUDY ON THE PERMIABILITY OF THE SEN-SORY ORGANS OF THE APPENDAGES OF THE HEAD IN THE LARVAE OF SPEOPHYES LUCIDULUS (DELAR.) (COLEOPTERA). (FR) G Corbiere

Acad Sci Compt Rend Ser D Sci Nat 267(25, 2ND SEMESTER):2197-2199

16 Dec 1968 505 P21

Coleoptera, Insect physiology, Larvae, Permeability, Sense organs.

THE CONCEPT OF MICROCLIMATE FROM AN ENTOMOLOGICAL POINT OF VIEW.

C-C Coulianos

Opuse Entornol 33(1-2):51-57 REF

1968 421 OP7

Demography, Entomology, Insect ccology, Microclimate, Zoogcography.

22377-68

CONTRIBUTIONS TO THE MORPHOLOGICAL DIFFERENTIATION BETWEEN THE FEMALES
OF PHLEBOTOMUS MAJOR AND MAJOR PERFILIEWI PHLEBOTOMUS (DIPTERA, PSYCHODIDAE) IN ROMANIA. (FR)

A Cristesco P Dancesco

Arch Gesamte Virusforsch 26(2):319-326 REF Jun 1967 448.3 AR22

Insect morphology, Phlebotomus. Russian, German, and English abstracts

HONEY BEES AND THE FARMER.

D G Cunningham

Tasmanian J Agr 38(4):263-265

Nov 1967 23 T182T

Apiculture, Apis mellifera, Honey, Insect pollinators.

The importance of commercial apiculture for adequate production of Tasmanian farm crops is discussed.

22379-68

INVESTIGATIONS CONCERNING MORPHOLOGICAL CHARACTERS OF THE VARIATY PHLEBOTOMUS CHINENSIS BAL-CANICUS THEODOR 1958. (FR

P Dancesco

Arch Gesamte Virusforsch 26(2):425-430 REF Jun 1967 448.3 AR22

Insect taxonomy, Phlebotomus.

THE POST-CEPHALIC STOMODIAL NERVOUS SYSTEM OF SCHISTOCERCA GREGARIA FORSK. (ORTHOPTERA) AND BLABERA CRANIIFER BURM. (DICTYOPTERA). (FR)

J Dando B Chanussot M R Dando

Acad Sci Compt Rend Ser D Sci Nat 267(22, 2ND SEMESTER):1852-1855 REF

25 Nov 1968 505 P21

Blattidae, Insect morphology, Nervous system, Schistocerca gregaria.

TO THE METHODS OF STUDYING THE ENVIRONMENTAL TEMPERATURE OF THE TICK IXODES RICINUS L.

M Daniel V Cerny

Folia Parasitol 14(2):177-183

May 1967 436.8 C33

Insect ecology, Ixodes ricinus, Methodology, Microclimate, Temperature.

22382-68

CHROMATOGRAPHIC EVIDENCE FOR MU-REIN FROM THE BACTEROID SYMBIOTES OF PERIPLANETA AMERICANA (L.),

R S Daniel M A Brooks

Experientia 23(6):499-502 REF

15 Jun 1967 475 EX7

Bacteria, Cell wall, Chromatography, Periplaneta americana.

22383-68

NITROGEN AND PHOSPHORUS CONTENT OF GREENBUGS REARED ON FERTILIZED WHEAT.

N E Daniels G C Wilson C S Clarke J Econ Entomol 61(6):1746-1747

16 Dec 1968 421 J822

Biochemistry, Fertilizers, Insect physiology, Phosphorus, Schizaphis Nitrogen, Wheat.

22384-68

EGG PRODUCTION OF HOUSE-FLY ADULTS FED HUMAN BLOOD CONTAINING VARIOUS SUPPLEMENTS.

D M Davies E L Anderson

Entornol Soc Ontario Proc 97:111-114

1966 420 ON8

Blood, Eggs, Feeding, Musca domestica, Nutrition, Reproduction, Research.

OBSERVATIONS ON THE BIOLOGY OF GYM-NAETRON PASCUORUM (GYLL.) (COLEOP-TERA: CURCULIONIDAE).

E A Dickason

Coleopt Bull 22(1):11-15

Mar 1968 421 C674

Curculionidae, Habitats, Insect behavior, Insect ccology, Insect rearing.

LATE-SEASON FEEDING AND EMERGENCE OF THE TOBACCO FLEA BEETLE.

C B Dominick

J Econ Entomol 61(6):1743-1744

16 Dec 1968 421 J822

Cultural control (insects), Epitrix hirtipennis, Feeding, Insect behavior, Metamorphosis, Plant pest control, Tobacco.

CONTRIBUTIONS TO THE BIOLOGY OF THE BUMBLE BEE. (GE)

S Dottlinger

Verhandl Zool-bot Gesell Wien 107:29-41 REF 1967 410.9 V67

Bombus, Fertility, Insect behavior, Insect dis-semination, Insect eggs, Nesting, Precipitation, Reproduction, Social insects, Tables (data), Vertebrates, Weather.

SOUND-PRODUCTION IN NETHERLAND LYCAENIDAE.

J C Downey

Entomol Ber 27(8):153-157

01 Aug 1967 420 N38B

Insect behavior, Insect morphology, Lycaenidae, Pupae, Stridulation.

22389-68

THE DANCE OF THE BEES.

E Edelson

New York Zool Soc Anim Kingdom Mag 73.1E.71(3)

Jun 1968 410.9 N4830B

Bces, Environment, Feeding, Insect behavior, Research, Social insects.

CAN INSECT HORMONES AND THEIR MIMICS BE USED TO CONTROL PESTS.

Pans (pest Articles News Sum) Sect A Insect Contr. 14(3):329-342 REF Aug 1968 423.92 G798

Biochemistry, Hormones, Insect control, Insect physiology.

22391-68

PROGRESS REPORT ON LABORATORY REARING OF BLACK FLIES (DIPTERA: SIMU-LHDAE).

G Field R J Duplessis A P Breton

J Med Entomol 4(3):304-305 REF

10 Aug 1967 421 J828

Feeding, Insect rearing, Laboratories, Reports, Research, Simulium vittatum.

A LABORATORY INVESTIGATION OF MATU-RATION IN THE CUBAN BURROWING COCKROACH BYRSOTRIA FUMIGATA (GUERIN).

W R Fleischmann H K Miller R V Skavaril

Ohio J Sci 68(1):11-17

Jan 1968 410 OH3

Byrsotria fumigata, Experimental insects, Insect morphology, Insect physiology, Insect rearing, Research.

22393-68

A COLLECTION DEVICE FOR LEPTOCONOPS KERTESZI (DIPTERA: CERATOPOGONIDAE) BITING GNATS.

J D Foulk R D Sjogren

J Med Entomol 4(3):281-283

10 Aug 1967 421 J828

Diptera, Ecology, Insect collecting equipment, Insect control, Leptoconops kerteszi, Research.

THE INFLUENCE OF CERTAIN FACTORS ON THE FECUNDITY OF SITOPHILUS ORYZAE (L.).

G J J Fouric

S Afr J Agr Sci 10(2):331-344 REF

Jun 1967 24 SU3

Eggs, Fertility, Humidity, Insect biology, Sitophilus oryzae, Temperature.

CALCULATING THE GRADE OF EFFECTIVE-NESS OF A MICROBIOLOGICAL CONTROL ACTION AGAINST INSECT PESTS. (GE.) J M Franz

Anz Schadlingskunde 41(5):65-71 REF

May 1968 421 AN9

Biochemistry, Insect control, Insect pests, Microbiology, Mortality, Tables (data). English summary

22396-68

DIETARY CHOLINE REQUIREMENTS FOR SPERM MOTILITY AND NORMAL MATING ACTIVITY DROSOPHILA MELANOGASTER.

B W Gcer

Biol Bull 133(3):548-566 REF

Dec 1967 442.8 B52

Choline, Drosophila mclanogaster, Fertility, Insect nutrition, Sex behavior, Spermatozoa.

CONTRIBUTIONS TO THE KNOWLEDGE OF HOST PLANTS OF MIDDLE GERMAN APHIDIDAE. (GE)

H G W Gleiss

Deut Entomol Ges Mitt 18(5):80-82

15 Oct 1959 420 D482

Aphididae, Food plants, Insect behavior, Plants,

CHANGES IN THE POPULATION OF CECIDO-MYHDAE. (GE)

D Godan

Deut Entomol Ges Mitt 18(3):46-49

15 Jun 1959 420 D482

Cecidomyiidae, Humidity, Light, Population statistics, Temperature.

A SMALL CONTRIBUTION CONCERNING THE KNOWLEDGE OF CECIDOMYHDAE. (GE

D Godan

Deut Entomol Ges Mitt 20(3):36-39 15 Jun 1961 420 D482

Cecidomyiidae, Fagus, Insect behavior, Leaves.

EMERGENCE OF PARASITES ASSOCIATED WITH THE CABBAGE APHID DURING A CHEMICAL-CONTROL PROGRAM.

G L Godfrey R B Root

J Econ Entomol 61(6):1762-1763

16 Dec 1968 421 J822

Brevicoryne brassicac, Carbaryl, Chemical control (insects), Cryolite, Hymenoptera, Insect physiology, Kale, Parasitic insects, Poisoning.

22401-68

NEW OBSERVATION CONCERNING THE PATHOGENIC ACTION OF TRYPANOSOMA RANGELI TEJERA, 1920 ON RHODNIUS PROLIXUS STAL, 1859. (SP)

1 Gomez

Acta Biol Venezuelica 5(15):247-254

04 Dec 1967 475 AC86

Insect diseases, Insect physiology, Reduviidae, Rhodnius prolixus, Trypanosoma rangeli. English abstract

22402-68

FURTHER OBSERVATIONS ON THE BIOLO-GY OF THE OYSTER NUT SHIELD BUG (PIEZOSTERNUM CALIDUM FAB.).

A J P Goodchild M C Lubega East Afr Agr Forest J 33(4):344

Apr 1968 24 EA74

Aging, Color, Insect biology, Insect pests, Piezosternum calidum, Telfairia pedata.

PRELIMINARY STUDIES ON THE EXISTENCE OF CHROMATIN VESICLES DIFFERENTIATED IN THE NUCLEI OF TROPHOCYTES OF EPHESTIA KUKNIELLA Z. CYTES OF EPHES' (LEPIDOPTERA). (FR)

M Guelin

Acad Sci Compt Rend Ser D Sci Nat 266(17, 1ST SEMESTER):1740-1742

22 Apr 1968 505 P21

Cell nucleus, Chromatin, Cytology, Electron microscopy, Ephestia.

A DEVICE FOR IMMOBILIZING INSECTS WITH COOLED AIR.

R L Harris E D Frazar

J Econ Entomol 61(6):1755-1756

16 Dec 1968 421 J822

Cooling, Equipment, Experimental insects, Haematobia irritans, Stomoxys calcitrans.

22405-68

NOTES ON ARGENTINE BUTTERFLY MIGRATION, 1965-66.

K J Hayward

Entomologist (london) 100(1245):29-34

Feb 1967 421 EN8

Butterflies, Insect migration, Lepidoptera.

22406.68

LABORATORY TECHNIQUES FOR REARING THE SUGARCANE BORER ON AN ARTIFICIAL DIET.

S D Hensley A M Hammond J Econ Entomol 61(6):1742-1743

16 Dec 1968 421 J822

Diatraea saccharalis, Diet, Insect rearing.

CONTRIBUTION TO THE HISTORY OF THE DISCOVERY OF INSECT HORMONES. (GE) H G Herbst

Deut Entomol Ges Mitt 21(4):62-63

15 Aug 1962 420 D482

History, Hormones, Insect behavior, Insect physiology, Sphingidae.

22408-68

TEFLON AND CORNSTARCH-COATED PAPER AS SUBSTRATES FOR OVIPOSITION BY CABBAGE LOOPER MOTHS.

J D Hoffman S H Long W A Dickerson

J Econ Entomol 61(6):1760

16 Dec 1968 421 J822

Cornstarch, Insect behavior, Insect rearing equipment, Ovulation, Paper, Polytetrafluoroethylene, Trichoplusia ni.

22409-68

ARTIFICIAL PUPAL CELL FOR THE TOBAC-CO HORNWORM.

J D Hoffman W A Dickerson

J Econ Entomol 61(6):1756-1757

16 Dec 1968 421 J822

Insect rearing equipment, Manduca sexta, Pupae.

22410-68

PRESENCE OF A BLOOD-PRODUCING TISSUE AT THE LEVEL OF THE DORSAL DIAPHRAM OF LOCUSTA MIGRATORIA (ORTHOPTERA). (FR)

J A Hoffmann A Porte P Joly

Acad Sci Compt Rend Ser D Sci Nat 26(18, 1ST SEMESTER):1882-1883

29 Apr 1968 505 P21

Electron microscopy, Hematopoiesis, Histology, Insect morphology, Locusta migratoria.

EFFECT OF ENDRIN AND TRICHLORFON AP-PLIED IN ARTIFICIAL DIET AGAINST LAR-VAE OF SUGAR-CANE BORER DIATRAEA SACCHARALIS (F.) (LEP., PYRALIDAE).

1 Hrdy J Zeleny K Novak

Acta Ent Boliemoslov 64(4):243-247 REF

20 Jul 1967 420 C33

Biological assay, Diatraea saccharalis, Diet, Endrin, Trichlorfon.

OBSERVATIONS ON THE ALPINE FAUNA OF COLEOPTERA AND ITS ORIGIN. (FR)

S M lablokoff-Khnzorian

Beitr Entomol 18(1-2):177-211 REF

1968 421 B392

Catalogs, Coleoptera, Insect ecology, Insect evolution, Zoogeography. German and Russian abstracts

OBSERVATIONS ON THE LARVA OF HIPPOTION CELERIO LINNAEUS (LEPID., SPHIN-GIDAE) IN TANZANIA.

N S Irving

Entomologist (london) 100(1254):285-286

Nov 1967 421 EN8

Insect ecology, Larvae, Polymorphism, Sphingidae.

PURIFICATION OF THE BRAIN HORMONE OF THE SILKWORM BOMBYX MORI.

H Ishizaki M Ichikawa Biol Bull 133(2):355-368 REF

Oct 1967 442.8 B52

Biochemistry, Biological assay, Bombyx mori, Brain, Hormones.

A STAINING TECHNIQUE FOR JACK-PINE BUDWORM EGG MASSES.

D T Jennings N D Addy J Econ Entomol 61(6):1766

16 Dec 1968 421 J822

Choristoneura pinus, Insect eggs, Microscopy, Pine needles, Staining.

22416-68

THE UPTAKE OF STRONTIUM 90 BY CHIRONOMUS VARUS.

T H Jones

Entomologist (london) 100(1244):2

Jan 1967 421 EN8

Chironomidac, Radioactive contamination, Snails, Strontium isotopes.

22417-68

FEEDING AND OVIPOSITION BEHAVIOR IN THE MOSQUITO AEDES AEGYPTI (L.). I. PRELIMINARY STUDIES OF PHYSIOLOGICAL CONTROL MECHANISMS.

C. L. Judson

Biol Bull 133(2):369-377 REF

Oct 1967 442.8 B52

Aedes aegypti, Food habits, Insect behavior, Insect physiology, Reproduction.

22418-68

THE ABDOMINAL SCENT ORGAN MALE HAWK MOTHS. SUPPLEMENTS TO THE KNOWLEDGE OF HAWK MOTHS (III) (LEP. SPHINGIDAE). (GE)

K Kernbach

Deut Entomol Ges Mitt 27(1):6-8

15 Mar 1968 420 D482

Abdomen, Entomology, Glands (insects), Moths. Scent glands.

22419-68

THE MORPHOLOGICAL AND FUNCTIONAL EVOLUTION OF THE MOUTHPARTS IN ADULT LEPIDOPTERA.

N P Kristensen

Opusc Entomol 33(1-2):69-72

1968 421 OP7

Insect evolution, Insect morphology, Lepidoptera, Mouth parts.

22420-68

WEATHER AND DIURNAL PERIODICITY OF FLIGHT BY HELOPHORUS BREVIPALPIS BEDEL (COL. HYDROPHILIDAE).

11 andin

Opusc Entomol 33(1-2):28-36

1968 421 OP7

Diurnal rhythm, Hydrophilidae, Insect flight, Weather.

A NEGLECTED DIAGNOSTIC CHARACTER OF THE APOIDEA (HYMENOPTERA).

U N Lanham

Entomol News (philadelphia) 71(4):85-86

Apr 1960 421 EN88

Anatomy, Apoidea, Cuticle, Insect identification, Physiology, Research.

22422-68

THE HISTOLOGY AND HISTOCHEMISTRY OF THE ANTERIOR MID-GUT OF PERIPLANETA AMERICANA L. (DICTYOPTERA: BLATTIDAE) WITH REFERENCE TO THE FORMATION OF THE PERITROPHIC MEMBRANE.

R F Lee Roy Entomol Soc London Proc Ser A Gen Entomol 43(7/9):122-134 REF

31 Oct 1968 420 L84PA

Gastrointestinal system, Histochemistry, Insect anatomy, Insect histology, Periplaneta americana, Peritrophic membrane, Research.

22423-68

RANGES OF CIRCADIAN PERIOD LENGTH.

M Lohmann Experientia 23(9):788-790 REF

15 Sep 1967 475 EX7

Diurnal rhythm, Insect behavior, Insect evolution, Leucophaea maderae.

22424-68

THE STERILIZING ACTION OF PARATHION ON THE OVARIES OF QUAIL AND CHICKEN EMBRYOS IN IN VITRO CULTURE. (FR)

Y Lutz-Ostertag R Meiniel

Acad Sci Compt Rend Ser D Sci Nat 267(25, 2ND SEMESTER):2178-2180

16 Dec 1968 505 P21

Chickens, Ovaries, Parathion, Quail, Sterilization, Tissue culture.

22425-68

REGENERATING TISSUES FROM COCKROACH, LEUCOPHAEA MADINERVE REGENERATION IN VITRO. MADERAE: E P Marks J P Reinecke R A Leopold

Biol Bull 135(3):520-529 REF

Dec 1968 442.8 B52

Insect histology, Insect physiology, Leucophaea maderae, Nervous system, Regeneration.

TRANSMEMBRANE IONIC GRADIENTS IN LEPIDOPTERA AS RELATED TO CARDIAC ELECTRICAL ACTIVITY.

F V McCann C R Wira

Compar Biochem Physiol 22(2):611-615

Aug 1967 444.8 C73

Bio-electric potential, Insect physiology, Lepidoptera, Permeability.

22427-68

EFFECT OF DIET ON THE LIPID COMPOSI-TION OF THE COCKROACH BLABERUS DISCOIDALIS.

J L McGuire A E S Gussin

Compar Biochem Physiol 22(2):427-433 REF Aug 1967 444.8 C73

Biochemistry, Blaberus discoidalis, Chromatography, Diet, Lipids.

22428-68

THE REGULATION OF OSMOTIC PRESSURE IN GALLERIA MELLONELLA L. (FR.)

G Mcstres P Laviolette

Acad Sci Compt Rend Ser D Sci Nat 266(19, 1ST SEMESTER):1969-1971

06 May 1968 505 P21

Blood, Chemicals, Galleria mcllonella, Insect physiology, Osmotic pressure.

22429-68

THE EFFECT OF CASTRATION ON THE VEN-TRAL NEUROSECRETION CELLS OF THE IN-FRAESOPHAGEAL GANGLION IN PHASMID, CARAUSIUS MOR **MOROSUS** (PHASMIDAE-ORTHOPTERA). (FR)

J Mouton

Acad Sci Compt Rend Ser D Sci Nat 266(20, 1ST SEMESTER):2120-2121 REF 13 May 1968 505 P21

Castration, Insect physiology, Nervous system, Phasmatidae.

22430-68

THE REARING OF LUPERINA NICKERLII KNILLI BOURSIN (1964) (LEP., NOCTUIDAE) UNDER LABORATORY CONDITIONS.

Entomologist (london) 100(1244):13-15 Jan 1967 421 EN8

Insect rearing, Life cycle, Noctuidae.

FEEDING AND PARASITISM IN GNATS (DIPT.), ALSO SOME FINDS. (GE

U V Neindorff

Deut Entomol Ges Mitt 19(6):101-103

15 Dec 1960 420 D482

Ceratopogonidae, Diptera, Feeding, Food, Insect behavior, Parasitism.

22432-68

A GYNANDROMORPH OF OXYLIPEURUS MESOPELIOS (NITZSCH) (MALLOPHAGA) FROM PHASIANUS COLCHICUS L. .

B Nilsson

Opusc Entomol 33(1-2):80-81

1968 421 OP7

Birds, Gynandromorphism, Insect taxonomy, Mallophaga, Pheasants.

CENTRAL NERVOUS SYSTEM CONTROL OF CIRCADIAN RHYTHMICITY IN THE COCKROACH. I. ROLE OF THE PARS INTER-CEREBRALIS.

J Nishiitsutsuji-Uwo S F Petropulos C S

Pittendrigh

Biol Bull 133(3):679-696 REF

Dec 1967 442.8 B52

Biochemistry, Diurnal rhythm, Hormones, Insect behavior, Insect physiology, Leucophaea maderae, Nervous system, Periplaneta americana. 22434-68

A FEEDING STIMULANT FOR PINK BOLL-WORM LARVAE IN WATER EXTRACTS OF COTTON.

W L Parrot T N Shaver J C Keller J Econ Entomol 61(6):1766-1767

16 Dec 1968 421 J822

Cotton, Feeding, Insect behavior, Larvae, Pectinophora gossypiella, Plant extracts, Stimulants.

22435-68

HISTOLOGICAL OBSERVATIONS OF THE FORMATION OF ELEMENTARY AND REPRODUCTIVE OVA IN THE OVARIES OF PLAGIOLEPIS PYGMAEA LATR. (HYMENOP-TERA FORMICIDAE). (FR)

L Passera J Bitsch C Bressac

Acad Sci Compt Rend Ser D Sci Nat 266(24, 1ST SEMESTER):2270-2272

10 Jun 1968 505 P21

Formicidae, Histology, Insect eggs, Insect physiology, Ovaries.

22436-68

CULTURE OF SCORPION CELLS. (FR)

F Peponnet J M Quiot

Acad Sci Compt Rend Ser D Sci Nat 266(15, 1ST SEMESTER):1589-1592 08 Apr 1968 505 P21

Methodology, Scorpionida, Tissue culture.

A NOTE ON THE OVIPOSITION OF SIMULI-UM (S.) ABGYREATUM MEIGEN.

A F Poole

Entomologist (london) 100(1248):121

May 1967 421 EN8

Habitats, Insect behavior, Oviposition, Simuliidae.

22438-68

MANIFESTATIONS OF COMPETITION IN PARASITE COMPLEXES AS A PROBLEM IN BIOLOGICAL PEST CONTROL. (GE)

H Pschorn-Walcher H Zwolfer

Anz Schadlingskunde 41(5):71-76 REF

May 1968 421 AN9

Biological control (pests), Butterflies, Hymenoptera, Insect behavior, Insect ecology, Insect evolu-tion, Integrated control (insects), Parasitism, Popu-

22439-68

TOXICITY OF BACTERIAL SPORES TO FLY AND MOSQUITO LARVAE.

R L Rajak S L Perti

Pesticides 1(9):45 P, REF

May 1968 S0B951.0P43

Bacillus thuringiensis, Culex pipiens quinquefasciatus, Larvae, Musca domestica nebulo, Spores.

22440-68

EXPERIMENTAL STUDY OF THE EFFECT OF NUTRITION ON CYCLECOMPLETION IN PYTHIDAE PARASITES IN TROPICAL CUL-TURES. (FR)

Acad Sci Compt Rend Ser D Sci Nat 267(22, 2ND SEMESTER):1821-1824 REF

25 Nov 1968 505 P21

Insect nutrition, Life cycle, Nutrition, Physiology, Phytophthora, Pythium.

ISOLATION OF THE POPULATION GREGATING PHEROMONE OF SOUTHERN PINE BEETLE.

J A A Renwick J P Vite

Boyce Thompson Inst Contrib 24(4, JUL-SEP):65-

Sep 1968 451 B69

Biochemistry, Chromatography, Dendroctonus frontalis, Pheromones.

THE DETERMINING FACTOR IN THE STA-BILIZATION OF THE ACID CONTENT (HYDROXY-IO DECENE-2 OIQUE) IN THE OVARIES OF APIS MELLIFICA L. (FR) B Roger J Pain

Acad Sci Compt Rend Ser D Sci Nat 266(24, 1ST SEMESTER):2267-2269 REF

10 Jun 1968 505 P21

Apis mellifera, Biochemistry, Ovaries.

22443-68

THE EVOLUTION AND DISPERSAL OF THE GRASSLAND LEAFHOPPER GENUS EXITIANUS, WITH KEYS TO THE OLD WORLD SPECIES (CICADELLIDAE: HEMIPTERA).

H H Ross

Brit Mus (natur Hist) Entomol Bull Suppl 22(1):3-30 REF

1968 420 B773

Cicadellidae, Insect evolution, Insect migration, Insect taxonomy, Zoogeography.

UNUSUAL MICROTUBULAR PATTERNS AND THREE-DIMENSIONAL MOVEMENT OF MEALYBUG SPERM AND SPERM BUNDLES.

J Ross W G Robison

J Cell Biol 40(2):426-445 REF

Feb 1969 442.8 J828

Electron microscopy, Locomotion, Pseudococcus, Spermatozoa.

22445-68

BEGINNING OF EMBRYONIC DEVELOPMENT WITHIN THE MATERNAL ORGANISM OF ICERYA PURCIIASI MASK. (FR.)

M Royer R Delavault

Acad Sci Compt Rend Ser D Sci Nat 267(17, 2ND SEMESTER):1390-1392

21 Oct 1968 505 P21

Development, Embryology, Icerya purchasi, Insect physiology, Reproduction.

LIGHT REFLEXES OF CATERPILLARS OF BOMBYX MORI L. (LEPID.). (GE

L Sciffert P Hoff

Deut Entomol Ges Mitt 18(4):66-67

15 Aug 1959 420 D482

Bombyx mori, Caterpillars, Insect behavior, Larvae, Light, Physiology.

RESPONSES OF TERMITES (INSECTA: ISOP-TERA) TO GRAVITY.

P K Sen-Sarma B K Gupta

Cur Sci 37(17):501-502

05 Sep 1968 475 SC123 Gravitation, Habitats, Insect behavior, Termites.

22448-68

A PHEROMONE-LIKE DISPERSANT AFFECT-ING THE LOCAL DISTRIBUTION OF THE EUROPEAN HOUSE CRICKET, ACHETA HOUSE CRICKET, DOMESTICA.

O J Sexton E H Hess

Biol Bull 134(3):490-502

Jun 1968 442.8 B52

Acheta domesticus, Attractants, Demography, Insect dissemination, Phermones.

22449-68

STUDIES ON THE BIOLOGY OF ATHALIA PROXIMA KLUG (TENTHREDINIDAE; HYMENOPTERA).

D B Shirke R R Rawat S V Dhamdhere

Madras Agr J 55(5):228-234 REF

May 1968 22 M262

Aging, Athalia proxima, Crop losses, Cruciferae, Histology, Insect behavior, Insect biology, Molting (insects), Morphology, Plant injuries.

22450-68

ON THE DUCT OF SECRETORY GLANDS ON THE FIRST CHELICERAL SEGMENT IN THE FAMILY NEMASTIMATIDAE AND THE APPLICATION OF THIS CHARACTER IN TAXONO-MY (OPILIONIDEA). (GE)

V Silhavy

Acta Ent Boliemoslov 64(4):319-321

20 Jul 1967 420 C33

Glands (insects), Insect morphology, Insect tax-onomy, Phalangida. English and Czech abstracts

GAMMA AMINOBUTYRIC ACID CHANGES IN THE SPONTANEOUS FIRING RATES OF IN-SECT NEURONS.

O D Sittler R J DeRemer Experientia 23(4):284-285

15 Apr 1967 475 EX7 potential, Biochemistry, Insect Bio-electric physiology, Nerves, Stimulants.

22452-68

POPULATIONS OF FALL ARMYWORM, CORN EARWORM, AND SUGARCANE BORER ON ST. CROIX, U.S. VIRGIN ISLANDS.

J W Snow W W Cantelo R L Burton S D Hensley J Econ Entomol 61(6):1757-1760 MAP 16 Dec 1968 421 J822

Diatraea saccharalis, Heliothis zea, Insect populations, Insect traps, Spodoptera frugiperda, Surveys.

OBSERVATIONS ON THE RATE OF HEART-BEAT IN THE VARIOUS STAGES OF THE TIGER BEETLE CICINDELA CANCELLATA DEJ.

A B Soans J S Soans Cur Sci 37(4):108 20 Feb 1968 475 SC123

Cicindelidae, Heart rate, Insect morphology, Insect physiology

ACCLIMATIZATION OF INSECTS TO LOW TEMPERATURES. (NO)

1. Somme

Opusc Entomol 33(1-2):57-63 REF

1968 421 OP7

Cold, Insect acclimatization, Insect ecology, Temperature.

22455-68

EFFECT OF TEMPERATURE AND HUMIDITY ON THE SUSCEPTIBILITY OF BEDBUGS TO INSECTICIDES.

C P Srivastava S L Perti Pesticides 1(8):25-26 REF Apr 1968 S0B951.0P43

Carbamates, Carbaryl, Chemical control (insects), Chlorinated hydrocarbons, Cimex hemipterus, Diazinon, Dieldrin, DDT, Humidity, Insecticide resistant insects, Lindane, Malathion ganophosphorus compounds, Temperature. Malathion,

22456-68

ANTS- ANCIENT CITY DWELLERS. H Steele

Frontiers 32(5):8-11

Jun 1968 410 F92

Formicidae, Insect behavior, Insect biology, Insect pests, Social insects.

22457-68

FINE STRUCTURE OF THE TIP OF CHEMOSENSITIVE HAIRS IN TWO BLOW FLIES AND THE STABLE FLY.

B Sturckow P E Holbert J R Adams

Experientia 23(9):780-782 REF

15 Sep 1967 475 EX7

Calliphoridae, Chemoreceptors, microscopy, Hair, Phormia regina, Stomoxys calcitrans

DETERMINATION OF THE SUITABILITY OF A MICRODOSER FOR TOPICAL APPLICA-TION OF INSECTICIDES TO THE COLORADO POTATO BEETLE. (CZ

L Taimr J Dirlbek

Czech Min Zemed Statnim Ustav Vedeckotech Inform Ved Pr 11:201-206

1967 19.5 C3332

Biochemistry, Chemical control (insects), Insecticide application, Insecticides, Leptinotarsa decemlineata, Particle size determination, Radiometry, Triolein. English, German, and Russian summary.

22459-68

EVIDENCE FOR THE APPEARANCE OF CAL-CIUM IN MUSCLE FIBERS BY THE CHLORATING ACTION OF POTASSIUM AND THE TOXIN OF SCORPION VENOM (ANDROCTONUS AUSTRALIS), (FR)

F Tazieff-Depierre M Lievremont M Czajka Acad Sci Compt Rend Ser D Sci Nat 267(18, 2ND SEMESTER):1477-1478

28 Oct 1968 505 P21

Calcium, Chemical analysis, Muscles, Scorpionida, Venoms

22460-68

HOST-FEEDING PATTERNS OF CULEX TAR-SALIS IN THE SACRAMENTO VALLEY, CALIFORNIA, WITH NOTES ON OTHER SPE-

C H Tempelis R K Washino J Med Entomol 4(3):315-318 REF 10 Aug 1967 421 J828

Culex tarsalis, Feeding, Geography, Insect behavior, Research.

MONARCH BUTTERFLY (DANAUS PLEXIP-PUS) MIGRATION STUDIES: AUTUMNAL MOVEMENT.

F A Urquhart

Entomol Soc Ontario Proc 95:23-33 REF

1964 420 ON8

Danaus plexippus, Geography, Insect behavior, Insect flight, Insect identification, Insect migration.

22462-68

SYSTEMATIC DISCONTINUITIES BETWEEN EGGS AND HOPPERS FROM INDIVIDUAL EGG-PODS OF THE BROWN LOCUST.

I G Venter W J Potgieter

S Afr J Agr Sci 10(1):293-298

Mar 1967 24 SU3

Acrididae, Demography, Eggs, Insect ecology, Insect outbreaks.

22463-68

INSECT AND HOST FACTORS IN THE AG-GREGATION OF THE SOUTHERN PINE BEE-TLE.

J P Vite J A A Renwick

Boyce Thompson Inst Contrib 24(4 JUL-SEP):61-

Sep 1968 451 B69

Demography, Dendroctonus frontalis, Insect behavior, Insect outbreaks, Pheromones.

22464-68

THE ECOLOGY OF SMINTHURUS VIRIDIS (COLLEMBOLA). II. DIAPAUSE IN THE AESTIVATING EGG.

M M H Wallace Australian J Zool 16(5):871-883

Nov 1968 410 AU73

Collembola, Diapause, Insect eggs. Part I. in vol. 15:1173-1206, 1967

22465-68

CULISETA MELANURA (COQUILLE BREEDING IN ARTIFICIAL CONTAINERS. (COQUILLETT)

R C Wallis L Whitman J Med Entomol 4(3):273-274

10 Aug 1967 421 J828

Breeding, Culiseta melanura, Ecology, Insect cages, Plants, Research.

22466-68

THE EFFECT OF COLCHICINE ON MYOGENESIS IN VIVO IN RANA PIPIENS AND RHODNIUS PROLIXUS (HEMIPTERA).

R H Warren

J Cell Biol 39(3):544-555 REF

Dec 1968 442.8 J828

Colchicine, Hemiptera, Insect physiology, Muscles, Reduviidae.

VEROMESSOR LOBOGNATHUS: FOURTH NOTE (HYMENOPTERA: FORMICIDAE). G C Wheeler J Wheeler

Kans Entomol Soc J 40(2):238-241

Apr 1967 420 K13

Geography, Insect dissemination, Insect flight, Insect identification, Reports, Research, Veromessor lobognathus.

BROOD OF CALLIDIUM TEXANUM SCHAEFFER (CERAMBYCIDAE).

C E White

Coleopt Bull 22(1):31-32

Mar 1968 421 C674

Cerambycidae, Insect ecology, Sex ratios.

A LABORATORY METHOD FOR CONTINU-OUSLY REARING THE GREEN STINK BUG.

G Wilde

J Econ Entomol 61(6):1763-1764

16 Dec 1968 421 J822

Acrosternum hilare, Beans, Insect rearing, Insect rearing equipment, Methodology.

EVALUATION OF TOPICALLY APPLIED DIMETHOATE FOR CONTROL OF LILAC LEAF MINER.

N W Wilkinson

J Econ Entomol 61(6):1746

16 Dec 1968 421 J822

Chemical control (insects), Dimethoate, Gracillaria syringella, Syringa.

22471-68

INDUCTION OF RESISTANCE TO BACILLUS THURINGIENSIS IN A LABORATORY STRAIN OF HOUSE FLIES.

B H Wilson E C Burns

J Econ Entomol 61(6):1747-1748

16 Dec 1968 421 J822

Bacillus thuringiensis, Insect cultures, Insect diseases, Insect eggs, Insect rearing, Musca domestica.

22472-68

TOXICITY OF SELECTED INSECTICIDES AGAINST ADULT STRIPED HORSE FLIES IN LABORATORY TESTS.

B H Wilson

J Econ Entornol 61(6):1764-1765

16 Dec 1968 421 J822

Biological assay, Chemical control (insects), Dosage, Insecticides, Mortality, Tabanus lineola, Time.

22473-68

THE ERGONOMICS OF CASTE IN THE SO-CIAL INSECTS.

E O Wilson

Amer Natur 102(923,JAN-FEB):41-66 REF 27 Feb 1968 470 AM36

Insect behavior, Insect ecology, Insect genetics, Mathematical analysis, Social insects.

22474-68

MASS BREEDING OF THE KHAPRA BEETLE. U Yinon

J Econ Entomol 61(6):1738-1739

16 Dec 1968 421 J822

Insect rearing, Methodology, Trogoderma granarium.

GENETICS

22475-68

STUDIES ON THE TERMINAL RESPIRATORY SYSTEMS IN THE MINUTE (2)Z MUTANT OF DROSOPHILA MELANOGASTER.

H H Goldin

J Exp Zool 169(1):53-58 REF

Sep 1968 410 J825

Adenosine triphosphates, Drosophila melanogaster, Insect genetics, Insect respiration, Mitochondria, Mutation, Phosphorus, Research.

22476-68

THE RELATION BETWEEN HETEROZYGOSITY AND INVERSION HETEROZYGOSITY AND DOMINANT LETHALITY IN DROSOPIIILA PSEUDOOB-DOMINANT 22485-68 SCURA.

R F Grell

Amer Natur 102(923 JAN-FEB):87-89

27 Feb 1968 470 AM36

Chromosomes, Drosophila pseudoobscura, Insect geneties.

22477-68

THE GENETICS OF CHILASA CLYTIA LAN-KESWARA (THE COMMON MIME).

P B Karunaratne C A Clarke P M Sheppard Entomologist (london) 100(1245):27-28 Feb 1967 421 EN8

Insect genetics, Papilionidae, Zoogeography.

22478-68

GRASSHOPPER SPE COMPLEXES SPERMATOCYTES AND

P B Moens

J Cell Biol 40(2):542-551 REF

Feb 1969 442.8 J828

Chromosomes, Electron microscopy, Grasshoppers, Inseet geneties, Meiosis, Spermatocytes.

22479-68

SELECTION OF PHASE TYPES BASED ON HOPPER COLORATION IN LOCUSTA MIGRA-TORIA MIGRATORIOIDES (REICHE FAIR-MAIRE).

M D Nel

S Afr J Agr Sci 10(2):461-470

Jun 1967 24 SU3

Color, Demography, Insect genetics, Locusta migratoria.

22480-68

ON THE DISPERSAL OF DROSOPHILA.

B Wallace

Amer Natur 102(923, JAN-FEB):85-87

27 Feb 1968 470 AM36

Demography, Drosophila, Insect geneties, Mathematical analysis.

DISPERSION OF DROSOPHILA PSEUDOOB-SCURA.

S Wright

Amer Natur 102(923, JAN-FEB):81-84

27 Feh 1968 470 AM36

Demography, Drosophila pseudoobscura, Insect geneties, Mathematical analysis.

MEDICAL ENTOMOLOGY

22482-68

THE USE OF INSECTICIDES FOR CONTROL OF MOSQUITO LARVAE IN DENMARK.

Opusc Entomol 33(1-2):37

1968 421 OP7

Chemical control (insects), Culicidae, Insecticides, Larvae.

DEET-IMPREGNATED NET SHIRT REPELS BITING FLIES.

E P Catts

J Econ Entomol 61(6):1765

16 Dec 1968 421 J822

Deet, Diptera, Protective clothing.

A PRELIMINARY REPORT ON THE BREED-ING SITES AND INCIDENCE OF AEDES IN DELHI.

M K K Pillai B V R Madhukar K K Grover

Cur Sci 37(1):4-5

05 Jan 1968 475 SC123

Aedes, Breeding, Habitats, Insect ecology, Surveys, Zoogeography.

CROP PROTECTION

LEGISLATION FOR AERIAL SPRAYING.

Victorian Hort Dig 12(2,MAY-JUL):31-32 1968 80 V662

Aerial spraying, Agricultural legislation, Chemicals, Geography, Plant injuries.

AERIAL SPRAYING BOOSTS JUTE OUTPUT.

G N Bhatia C J Fredriekson

Pesticides 1(7):46-47

Mar 1968 S0B951.0P43

Aerial spraying, Chemical control (insects), Chlorinated hydrocarbons, Fertilizers, Jute, Lindane. Urea.

22487-68

THE KNOWLEDGE OF THE INTERDEPEN-DENCE BETWEEN SOIL PESTS, WEEDS, AND THEIR CONTROL MEASURES. (GE)

M Maceljski

Anz Schadlingskunde 41(6):81-84

Jan 1968 421 AN9

Herbicides, Insecticides, Methodology, Pest control, Pesticide application, Research, Soils, Weeds. Report given to 6th International Congress for Plant protection, vienna, 1967. english summary

NEW INJECTION SYSTEM FOR KILLING OR CURING TREES.

M Newton

Weed Soc Amer Abstr 1966 MEETING:30-31

1966 241 W41

Chemical control (insects), Dosage, Equipment, Insecticides, Pesticide application, Silvicides, Tree

22489-68

BIOLOGICAL CONTROL OF INSECTS AND WEEDS.

F J Simmonds

Pesticides 1(6):28 P

Feb 1968 S0B951.0P43

Beneficial insects, Biological control (insects), Biological control (weeds), Plant pest control.

CITRUS DISEASES AND PESTS.

K C Srivastava K M Bojappa K A Nanaya C K Nanjappa

Pesticides 1(7):32-37

Mar 1968 S0B951.0P43

Citrus, Insect pests, Mites, Plant diseases, Plant nematodes, Plant nutritional deficiencies, Plant pest control.

22491-68

THE PRINCIPLE OF INTEGRATED PLANT PROTECTION. (GE)

H Steiner

Anz Schadlingskunde 41(9):129-131

Sep 1968 421 AN9

Biological control (pests), Chemical control (pests), Economies, Integrated control (insects), Integrated control (weeds), Plant injuries, Plant protection. English and French summary.

INTEGRATED PLANT PROTECTION IN FRUIT GROWING, (GE)

H Steiner J Bosch

Anz Schadlingskunde 41(9):135-139

Sep 1968 421 AN9

Biochemistry, Chemical eontrol (insects), Economics, Fruit, Insecticides, Plant injuries, Plant protection. English and French summary

DISEASES

22493-68

VARIETAL RESISTANCE OF WINTER BAR-LEY TO LOOSE SMUT OF BAR (USTILAGO NUDA (JENS.) ROSTR.). (CZ)

P Bartos

Czech Min Zemed Statnim Ustav Vedeckotech Inform Ved Pr 11:197-200

1967 19 5 C3332

Barley, Breeding, Injections, Plant disease resistance, Research, Smut (barley), Ustilago nuda. English, Russian, and German summary

UTILIZATION OF CARBON COMPOUNDS BY FUSARIUM SOLANI F. AURANTIFOLIAE BHAT. AND PRASAD.

G C Bhatnagar N Prasad

Indian Acad Sci Proc Sect B 68(3):163-168 REF Sep 1968 513 IN250B

Carbon compounds, Fusarium solani, Metaholism, Myeology, Sugars.

22495-68

SOME OBSERVATIONS ON VECTORS AND TRANSMISSION OF TOBACCO ETCH VIRUS.

H R Boyce C D McKeen

Entomol Soc Ontario Proc 97:68-71

1966 420 ON8

Etch (tobaeco), Insect vectors, Physalis, Research, Tobacco.

22496-68

VIRUS TESTED DECIDUOUS FRUIT TREES.

C R Brough

Victorian Hort Dig 12(2,MAY-JUL):27-30

1968 80 V662

Agricultural outlook, Fruit, Plant protection, Research, Tree diseases, Virus diseases (plants).

THE EVOLUTION OF RESISTANCE IN HOSTS AND PESTS. (GE)

J Crow

Prakt Schadlingsbekampfer 20(4):33-35

Apr 1968 421 P882

Insect ecology, Insect evolution, Insect pests, Mutation, Pesticides, Plant disease resistance, Viruses. Translated and introduced by E. Dohring, Bundesgesundheitsamt. Institut für Wasser-Boden und Lufthygiene, Corrensplatz 1, 1 Berlin 33 (Dahlem).

STUDIES ON THE INFECTION OF CUCUMBER MOSAIC VIRUS, III. TIME OF THE INFECTION AFTER INOCULATION WITH WHOLE VIRUS OR WITH VIRAL NUCLEIC ACID.

Y Ehara T Misawa

Tohoku J Agr Res 17(3):193-200

Mar 1967 22.5 T574 Cowpeas, Cucumbers, Mosaic, Nucleic acids, Plant disease transmission, Virus diseases (plants).

PESTICIDES AND MODERN PLANT PRODUC-TION. (NO.)

J Fjelddalen

Opusc Entornol 33(1-2):38-42

1968 421 OP7

Pesticides, Plant ecology, Plant pest control, Plant propagation, Reviews. English abstract

22500-68

EFFECTS OF TOMATO RINGSPOT VIRUS ON PLANT AND FRUIT DEVELOPMENT OF RASP-

BERRIES. J A Freeman R Stace-Smith

Can J Plant Sci 48(1):25-29

Jan 1968 450 C16 Crop losses, Raspberries, Ring spot, Virus diseases (plants).

THE DECAY OF CITRUS FRUITS CAUSED BY FUSARIUM LATERITIUM NEES (GIBBEREL-LA BACCATA (WALLR.) SACC.). (IT)

P Gambogi

Agr Ital (N s 22)67(2,MAR-APR):77-83

Apr 1967 16 AG8259

Citrus, Color, Diagnosis, Fungus diseases (plants), Fusarium lateritium, Research. English summary

EARLY DETECTION OF INFECTION OF SU-GARCANE BY RATOONSTUNTING DISEASE (RSD).

P B Hutchinson P G Stanley D R Strong

Experientia 23(5):341

15 May 1967 475 EX7

Diagnosis, Methodology, Phytopathology, Ratoon stunt, Sugarcane, Virus diseases (plants)

DETERMINATION OF THE INHIBITION AC-TIVITY IN THE SAP FROM POTATO LEAVES WITH REGARD TO THE X-VIRUS BY MEANS OF A SEROLOGICAL METHOD. (CZ)

E Jermoljev E Beckova

Czecli Min Zemed Statnim Ustav Vedeckotech Inform Ved Pr 11:207-212 REF

1967 19.5 C3332

Leaves, Plant disease control, Plant disease resistance, Potatoes, Sap, Serological tests, Virus diseases (plants), Virus x (potatoes). English, German, and Russian summary

EFFECT OF AMINO ACIDS AND ORGANIC ACIDS ON THE SEXUAL REPRODUCTION OF SPECIES OF PHYTOPHTHORA AND PYTHI-UM.

J A Leal B Gomez-Miranda

Brit Mycol Soc Trans 50(PT 1):77-84 REF

Mar 1967 451 B76

Amino acids, Fungi, Organic compounds, Phytophthora, Pythium, Reproduction.

22505-68

ON THE PRESENCE OF MYCOPLASMA-LIKE PARTICLES IN THE INNER BARK OF PLANTS DAMAGED BY DISEASES OF THE YELLOW TYPE (ASTER YELLOW, PHYLLODY OF CLOVER, STOLBUR OF TOMATOES) AND ON THE RELATIONSHIP OF THESE PARTICLES TO THE ONES FOUND IN VARIOUS INSECTA HOMOPTERA. (FR)

P L Maillet J P Gourret C Hamon

Acad Sci Compt Rend Ser D Sci Nat 266(24, 1ST SEMESTER):2309-2311 REF

10 Jun 1968 505 P21

Aster yellows, Clover, Electron microscopy, Histology, Homoptera, Phyllody, Stolbur, Vinca, Yellows

22506-68

BOTRYTIS STEM ROT. HOW TO CONTROL

R E Partyka

Amer Veg Grower 16(11):26-28,39-40

Nov 1968 80 C733

Botrytis cinerea, Diagnosis, Fungicides, Fungus diseases (plants), Stem rot, Temperature, Tomatoes.

A VIRUS OF TABACCO RATTLE GROUP NATURALLY OCCURRING IN PLANTAGO SP. IN TCZECHOSLOVAKIA.

Z Polak O Kralik M Cech

Biol Plant 10(1):31-36 REF

Jan 1968 450 B52

Biological assay, Plantago, Rattle disease (tobacco), Tobacco.

IMPATIENS PARVIFLORA DC.--A NATURAL HOST OF CABBAGE BLACK RINGSPOT AND CUCUMBER MOSAIC VIRUSES.

Z. Polak

Biol Plant 9(5):354-359 REF

Oct 1967 450 B52

Black ring spot (cabbage), Cabbage, Cucumbers, Mosaic (cucumbers), Tobacco, Virus diseases (plants), Wild flowers.

22509-68

FRUIT DISEASES IN ILLINOIS IN 1967.

D Powell

Ill State Hort Soc Trans 101:99-101

1968 81 10L6

Apples, Peaches, Plant diseases, Strawberries, Sur-

22510-68

STRAIN VARIATION AND HOST SPECIFICITY OF RHIZOBIUM. II. HOST SPECIFICITY OF RHIZOBIUM TRIFOLII ON EUROPEAN CLOVERS.

S Saubert J G Scheffler

S Afr J Agr Sci 10(1):85-94 REF

Mar 1967 24 SU3

Clover, Nitrogen-fixation, Rhizobium.

CONTROL PEACH LEAF CURL.

W. I. Scil.

Victorian Hort Dig 12(2,MAY-JUL):7-8

1968 80 V662

Bordeaux mixture, Chemical control (plant diseases), Fungus diseases (plants), Leaf curl, Peaches, Spraying.

22512-68

FURTHER STUDIES ON MOSAIC DISEASE OF MAIZE (ZEA MAYS L.).

M L Seth S P Raychaudhuri

Biol Plant 9(5):372-376

Oct 1967 450 B52

Corn, Hydrogen-ion concentration, Insect vectors, Mosaic, Schizaphis graminum, Sugarcane, Virus diseases (plants).

22513-68

VIRUS LIKE PARTICLES IN FICUS ELASTICA ROXB.

J Smolak J Brcak

Biol Plant 10(1):81-83

Jan 1968 450 B52

Ficus clastica, Necrosis, Virus diseases (plants).

POTENTIAL FUNGICIDES.

K S L Srivastava

Cur Sci 37(11):315-316

05 Jun 1968 475 SC123

Biological assay, Chemical reactions, Euphorbia, Fungicides, Helminthosporium.

PENTACHLOROBENZYL ALCOHOL, ACETATE, PROPIONATE AND BUTYRATE FOR COMBATTING RICE BLAST. PATENT 3,426,135

H Sumi Y Takahi Y Kondo Y Hamamoto T Nishimura

Us Patent Office Offic Gaz 859(1):281

04 Feb 1969 156.65 OF2

Blast (rice), Fungus diseases (plants), Patents, Pentachlorobenzyl acetate, Pentachlorobenzyl alcohol, Pentachlorobenzyl butyrate, Pentachlorobenzyl propionate, Rice.

22516-68

HOW PLANTS PROTECT THEMSELVES AGAINST FUNGUS.

R L Wain

Pesticides 1(5):25-26

Jan 1968 S0B951.0P43

Fungus diseases (plants), Plant disease resistance.

ARTHROPODS

22517-68

INSECTICIDES IN NORWEGIAN FORESTRY.

A Bakke

Opusc Entornol 33(1-2):42-43

1968 421 OP7

DDT, Forestry, Hylobius, Insecticides, Lindane. English abstract

AN ESTIMATE OF THE AREA OF DANISH FORESTRY WHICH IS TREATED WITH PESTICIDES OTHER THAN HERBICIDES.

B Bejer-Petersen

Opusc Entomol 33(1-2):44-46

1968 421 OP7

Chemical control (insects), DDT, Forestry, Insect control, Lindane, Organophosphorus compounds.

SETTING UP A METHOD FOR CONTROL OF CLOVER WEEVILS. (FR)

M Bertran P Jourdheuil

Rev Zool Agr Appl 66(10-12, 4TIL TRIMESTER):117-138 REF

1967 410.9 SO12

Chemical control (insects), Curculionidae, DDT, Hypera, Insect pollinators, Predaceous insects, Red clover, Toxaphene.

The chemical control of various weevils of red clover is discussed. Side effects of treatment on the grain, the insect pollinators, and natural predators arc considered.

22520-68

LATE BLIGHT OF POTATOES.

J H Brandon

New Zeal J Agr 117(6):53,55,57,59

Dec 1968 23 N48J

Chemical control (plant diseases), Late blight (potatoes), Potatoes

Fungicidal control of late blight of potatoes in New Zealand is discussed. The advantages of different methods of crop spraying are given.

SEARCH FOR MORE RICE.

F C Byrnes

Pesticides 1(9):11-14

May 1968 S0B951.0P43

Carbamates, Carbaryl, Chemical control (insects), Chlorinated hydrocarbons, Lindanc, Rice.

EFFECTS OF LINDANE AND CARBARYL ON INSECTS, SOIL AND PLANT NITROGEN, AND GRAIN YIELD OF RICE.

S K De Datta R S Ayyangar J T Magbanna

Exp Agr 3(3):239-247

Jul 1967 10 EX72

Carbaryl, Chemical control (insects), Chilo sup-pressalis, Crop yields, Insect control, Lindane, Nephotettix, Rice.

BIOASSAY EVALUATION OF HEPTACHLOR, ISOBENZAN, AND DIAZINON USED AGAINST THE ALFALFA WEEVIL IN NORTHERN UTAH.

D W Davis L L Wu

J Econ Entornol 61(6):1751-1752

16 Dec 1968 421 J822

Alfalfa, Biological assay, Chemical control (insects), Diazinon, Heptachlor, Hypera postica, Insecticide resistant insects, Isobenzan.

PROBLEMS IN PLANT PATHOLOGY AND EN-TOMOLOGY FIELD TRIALS.

G H Freeman

Exp Agr 3(4):351-358 REF

Oct 1967 10 EX72

Entomology, Experimental design, Methodology, Plant diseases, Statistics, Surveys.

THE ARMYWORM PSEUDALETIA UNIPUNC-TA HAWORTH IN ONTARIO IN 1964.

H W Goble

Entomol Soc Ontario Proc 95:11-14 1964 420 ON8

Chemical control (insects), Crop losses, Food plants, Insect dissemination, Insect outbreaks, Pseudaletia unipuncta, Research.

CHEMICAL WEED CONTROL.

M N Hari

Pesticides 1(7):16-17 Mar 1968 S0B951.0P43

Chemical control (weeds), Crops, Herbicides.

22527-68

THE CONTINUING STRUGGLE AGAINST WEEDS.

B J Heywood Pesticides 1(7):13-15

Mar 1968 S0B951.0P43

Chemical control (weeds), Crops, Herbicides.

22528-68

OCCURRENCE OF BLUE LEAF-HOPPER TYPHLOCYBA MACULIFRONS MOTSCH ON RICE.

P Israel B C Misra Cur Sci 37(4):113-114 20 Feb 1968 475 SCI23

Hemiptera, Insect identification, Rice.

22529-68

RED MITE CONTROL IN HAWKE'S BAY ORCHARDS.

J A Jarvis

New Zeal J Agr 117(6):24-25,27,29

Dec 1968 23 N48J

Acaricides. Chemical control (insects), Panonychus ulmi, Parasitic insects, Trees.

22530-68

INSECTICIDES IN FINNISH FORESTRY, (NO.)

E Kangas

Opusc Entomol 33(1-2):46-49

1968 421 OP7

Diprion, DDT, Forestry, Hylobius, Insecticides.

English abstract

22531-68

REFLECTIONS ON THE ESTIMATION OF FOOD LOSSES DUE TO BRUCHIDAE (COLEOPTERA). (FR)

Y de Luca

Rev Zool Agr Appl 66(10-12, 4TH TRIMESTER):152-154

1967 410.9 SO12

Bruchidae, Crop losses, Economics, Grain, Legu-

minosae, Predaceous insects.

22532-68

SYSTEMIC INSECTICIDES EVALUATED FOR TWO-SPOTTED MITE CONTROL ON GREEN-HOUSE CUCUMBERS.

R J McClanahan

Entomol Soc Ontario Proc 97:99-102

1966 420 ON8

Biological control (insects), Chemical control (insects), Cucumbers, Greenhouse culture, Insecticides, Plant protection, Research, Tetranychus ur-

22533-68

SUMMARY OF INSECT AND MITE IN-CIDENCE ON FRUIT IN 1967.

R H Meyer

Ill State Hort Soc Trans 101:72

1968 81 IOL6

Acarina, Fruit, Insect pests, Surveys.

A STUDY ON CHANGES IN LARVAL AND PUPAL DENSITIES OF THE RICE STEM BORER, CHILO SUPPRESSALIS WALKER, IN ITS FIRST GENERATION.

A Otake

Jap J Ecol 17(4):156-165

Aug 1967 410 J272

Chilo suppressalis, Larvae, Plant injuries, Pupae, Research, Rice. Japanese summary

22535-68

CONTROL OF RED SPIDER MITE ON SOYA BEAN.

H K Patel V C Patel

Pesticides 1(7):21-23

Mar 1968 S0B951.0P43

Acaricides, Chemical control (insects), Soybeans, Tetranychidae.

22536-68

AERIAL PEST CONTROL.

H R Patel

Pesticides 1(6):27,30

Feb 1968 S0B951.0P43

Aerial spraying, Aircraft, Chemical control (insects), Plant pest control.

22537-68

A MECHANICAL HARVESTER FOR COL-LECTING LARVAE OF THE WHEAT STEM SAWFLY.

L K Peterson H J Bergen H McKenzie

Can J Plant Sci 48(1):109-110

Jan 1968 450 C16

Cephus cinctus, Insect collecting equipment, Larvae, Wheat.

22538-68

FEEDING OF HORSEFLIES (TABANIDAE: DIP-TERA) ON PLANT JUICES.

R H Roberts

Entomol News (philadelphia) 78(9):250

Nov 1967 421 EN88

Feeding, Plants, Research, Secretion, Tabanidae.

22539-68

RED LEGGED EARTH MITE AND PEA MITE REVISED CONTROL RECOMMENDATION.

Tasmanian J Agr 38(1):40

Feb 1967 23 T182T

Chemical control (insects), Imidan, Insecticide residues, Penthaleus major.

PASTURE COCKCIIAFER CONTROL INTERIM REVISED CONTROL RECOMMENDATION.

Tasmanian J Agr 38(2):147-148

May 1967 23 T182T

Aphodius, Azinphosmethyl, Carbaryl, Chemical control (insects), DDT, Insecticide residues, Lindane, Scarabaeidae.

Azinphosmethyl and carbaryl are recommended for the control of the pasture cockchafer, Aphodius and lieu of DDT lindane in order to reduce the level of field posticide residues.

22541-68

FURTHER OBSERVATIONS OF THE TOLERANCE AND SUSCEPTIBILITY OF TEACLONES TO SHOT-HOLE BORER INFESTA-TION.

K Thirugnanasuntharan D Calnaido Ceylon Tea Res Inst Tea Quart 39(PT 1-2, MAR-JÚN):6-10

Jun 1968 68.18 C33

Plant breeding, Plant pest resistance, Scolytus rugulosus. Tea.

22542-68

THE SMALL GOOSEBERRY SAWFLY (PRISTIPHORA PALLIPES LEP.), A LITTLE-KNOWN PEST OF GOOSEBERRIES. (DU)

A Van Frankenhuyzen Entomol Ber 27(2):21-24

01 Fcb 1967 420 N38B

Hymenoptera, Parasitism, Tenthredinidae. English abstract

22543-68

THE HOSTS AND LIFE HISTORIES OF THREE MIRID BUGS OF ECONOMIC IMPORTANCE WITH NOTES ON THEIR CONTROL.

J A Wightman

Entomologist (london) 100(1254):281-283

Nov 1967 421 EN8

Apples, Chemical control (insects), Chrysanthemum, Fruit, Miridae, Potatoes.

22544-68

THE PEAR PSYLLA, PSYLLA PYRICOLA FOERSTER, IN ONTARIO; HOMOPTERA: CHERMIDAE.

W H A Wilde

Entomol Soc Ontario Proc 95:5-10 REF

1964 420 ON8

Histology, Insect control, Psylla pyricola, Research.

NEMATODES

22545-68

SOUTH AMERICAN ORIGIN OF EUROPEAN PATHOTYPES OF THE POTATO-ROOT EEL-WORM, HETER WOLLENWEBER. HETERODERA ROSTOCHIENSIS

C Ellenby L Smith

Nematologica 14(4).597-599 REF

1968 436.8 N342

Evolution, Heterodera rostochiensis, Plant ne-matodes, Plant pest resistance, Potatoes.

THE SURVIVAL OF DESICCATED LARVAE OF HETERODERA ROSTOCHIENSIS AND II. SCHACHTIL +

C Ellenby

Nematologica 14(4):544-548 REF

1968 436.8 N342

Cysts, Drying, Heterodera Heterodera schachtii, Longevity. Heterodera rostochiensis.

22547-68

ELECTROPHORETIC OBSERVATIONS ON THE PROTEIN COMPOSITION OF FREE-LIV-ING AND PLANT-PARASITIC NEMATODES, WITH A SPECIAL REFERENCE TO SOME COMPONENTS SHOWING A DIGESTIVE AC-TIVITY.

H Gysels

Nematologica 14(4):489-496 REF

1968 436.8 N342

Electrophoresis, Plant nematodes, Proteinases.

22548-68

FLAVIANIC ACID AS A HATCHING AND STIMULATING AGENT FOR HETERODERA ROSTOCHIENSIS CYSTS.

G. I. lanzen

Nematologica 14(4):601-602

1968 436.8 N342

Chemistry, Cysts, Hatching, Heterodera rostochiensis, Potatoes, Stimulants.

THE EFFECTS OF APHELENCHOIDES SAPROPHILUS, A. COFFEAE, APHELENCHUS AVENAE AND PANAGROLAIMUS SP. ON THE CROPPING OF CULTIVATED MUSHROOM.

R W McLeod

Nematologica 14(4):573-576

1968 436.8 N342

Aphelenchoides, Crop yields, Mushrooms, Plant nematodes.

22550-68

22550-66

IIORSENETTLE CYSI
VIRGINIAE
VIRGINIAE NEMATODE, SP., PARASITE OF SOLANACEOUS PLANTS.

L 1 Miller B J Gray

Nematologica 14(4):535-543

1968 436.8 N342 Heterodera, Solanaceae, Taxonomy.

22551-68

POTOTO CULTIVATION AND THE ROOT-LE-SION NEMATODE OF TEA.

P Sivapalan

Ceylon Tea Res Inst Tea Quart 39(PT 1-2,MAR-JUN):4-5

Jun 1968 68.18 C33

Plant nematodes, Potatoes, Roots, Tea.

22552-68

PROCESS FOR THE CONTROL OF NE-MATODES USING PETROLEUM OIL AND WATER EMULSIONS. PATENT 3,426,126.

G Thorne A F Millikan

Us Patent Office Offic Gaz 859(1):280

04 Feb 1969 156.65 OF2

Chemistry, Nematodes, Patents Petroleum, Plant protection, Water. Patents,

22553-68

THE ACTION OF CALCIUM CYANAMIDE ON SOME FUNGU MATODES. (IT) FUNGUS PREDATORS OF

O Verona A A Lepidi

Agr Ital (N s 22)67(2,MAR-APR):84-91

Apr 1967 16 AG8259

Calcium cyanamide, Fungicides, Nematodes, Predaccous fungi. English summary.

WEEDS

22554-68

THE EFFECTS OF PETROLEUM MULCII AND HERBICIDES ON LETTUCE.

H Agamalcan

Weed Soc Amer Abstr 1966 MEETING:18 1966 241 W41

Chemical control (weeds), Chloroallyl diethyldithiocarbamate, 2-, Herbicides, Isopropyl N-(3chlorophenyl)carbamate, Mulches. Lettuce, Petroleum, Seedlings, Soil temperature, Trifluralin.

22555-68

OF COMPETITION COW COCKLE (SAPONARIA VACCARIA L.) AND LINSEED FLAX.

J F Alex

Weed Soc Amer Abstr 1966 MEETING:55 1966 241 W41

Clay soils, Crop yields, Flaxseed, Saponaria vaccaria, Seed planting, Weeds.

WEED CONTROL IN ESTABLISHED ALFALFA WITH SOIL-APPLIED HERBICIDES.

A P Appleby W R Furtick D G Swan Weed Soc Amer Abstr 1966 MEETING:1 1966 241 W41

Alfalfa, Atrazine, Bromacil, Bromus tectorum, Chemical control (weeds), Diuron, Herbicides, Simazine, Soil sanitation.

OBSERVATIONS ON THE USE OF PREPLANT HERBICIDES IN PASTURE ESTABLISHMENT IN THE WET TROPICS.

D R Bailey

Queensland J Agr Anim Sci 24(1):31-40

Mar 1967 23 Q37

Chemical control (weeds), D, 2,4-, Diquat, Herbicide residues, Panicum maximum, Paraquat, Pasturc management, Prometryne.

FACTORS AFFECTING THE ACTIVITY OF DI-ALLATE.

J D Banting

Weed Soc Amer Abstr 1966 MEETING:6 1966 241 W41

Avena fatua, Biological assay, Chemical control (weeds), Clay soils, Diallate, Herbicide residues, Plant physiology, Soil moisture, Soil organic matter, Soil wilting coefficient, Vapors, Wheat.

22559-68

AMINE-PHOSPHORUS PENTAFLUORIDE COMPLEXES AS HERBICIDES. PATENT 3,420,655.

M E Brokke G E Lukes J Hazzard D R Arneklev Us Patent Office Offic Gaz 858(1):229

07 Jan 1969 156.65 OF2

Amines, Fluorides, Herbicides, Patents, Phosphorus, Wccd control.

22560-68

HERBICIDAL **1-SUBSTITUTED** TRIBROMOIMIDAZOLES. PATENT 3,423,420. K H Buechel W Draber F W A G K Korte

Us Patent Office Offic Gaz 858(3):948 21 Jan 1969 156.65 OF2

Chemistry, Halogen compounds, Herbicides, Imidazoles, Patents, Weed control.

ATMOSPHERIC FUMIGATION OF DORMANT AND NON-DORMANT WEED SEED. D P Bush D W Staniforth

Weed Soc Amer Abstr 1966 MEETING:59 1966 241 W41

Abutilon theophrasti, Chemical control (weeds). Fumigants, Polygonum pensylvanicum, Seed dormancy, Seed germination, Setaria faberii, Setaria lutescens, Soil fumigation.

IMPORTANT WEEDS OF TURE AREAS IN NORTH CENTRAL STATES.

Weed Soc Amer Abstr 1966 MEETING:74,76-77 1966 241 W41

Chemical control (weeds), Grasses, Turf, Weeds

ENVIRONMENTAL CONTROL AT BOSTON-LOGAN INTERNATIONAL AIRPORT.

LM Cortell

Weed Soc Amer Abstr 1966 MEETING:92-93 1966 241 W41

Accident prevention, Aircraft, Amitrole, Ammonium thiocyanate, Aquatic weeds, Bird control, Chemical control (weeds), Dalapon, Dosage, En-vironment, Herbicides, Phragmites communis, Sodium arsenite, Spraying.

22564-68

EFFECTS OF HOEING-WEEDING-CUMMANURING ON THE YIELD OF RAINFED GROUNDNUT IN THE PUNJAB.

J L Dalal G S Gill J S Saini

Indian J Agron 12(3):309-313

Sep 1967 22 IN235

Crop vields, Cultural control (weeds), Peanuts, Superphosphates.

22565-68

STUDIES OF THE GERMINATION, GROWTH AND DEVELOPMENT OF BARNYARDGRASS. C T Dickerson G H Bayer R D Sweet E M Rohn Weed Soc Amer Abstr 1966 MEETING:15-16 1966 241 W41

Echinochloa crusgalli, Light, Plant ecology, Plant physiology, Seed germination, Soil moisture, Temperature, Weeds.

22566-68

ORCHARD WEED CONTROL PROGRAMS FOR 1968.

C C Doll

Ill State Hort Soc Trans 101:78-80

1968 81 101.6

Chemical control (weeds), Fruit, Herbicides, Paraquat, Weed control.

22567-68

CLOBBER - POST-EMERGENCE WEED KILLER.

K P Dubrovin P W Gull

Weed Soc Amer Abstr 1966 MEETING:2

1966 241 W41

Chemical control (weeds), Corn, Cypromid, Hcrbicides, Spraying.

22568-68

ALTERATIONS IN MITOSIS INDUCED BY ISOMERS OF HEXACHLOROCYCLOHEXANE. II. THE DELTA ISOMER. THE POSSIBLE MECHANISM OF ACTION OF HEXACHLORO-CYCLOHEXANE. (SP)

M E Fcrnandez-Gomez G Gimenez-Martin J F Lopez-Saez

Genet Iber 19(3-4):123-142 REF

1967 443.8 G28

Benzene hexachloride, Mitosis, Onions, Plant mutation. English abstract

USE OF BIPYRIDYL AND TRIAZINE HERBI-CIDES IN RASPBERRIES.

J A Freeman

Weed Soc Amer Abstr 1966 MEETING:20-21 1966 241 W41

Chemical control (weeds), Chlorophylls, Crop losses. Herbicides, Paraquat, Raspberries. Simazine.

22570-68

PHRAGMITES CONTROL IN DELAWARE, 1965

J E Gallagher J H Steenis R Beck

Weed Soc Amer Abstr 1966 MEETING:94-95

1966 241 W41

Amitrole, Ammonium thiocyanate, Biological assay, Buckwheat, Chemical control (weeds), Dalapon, Fenac, Herbicide residues, Pesticide application, Phragmites, Seed germination, Soybeans.

22571-68

WILD BUCKWHEAT COMPETITION IN FLAX. R D Gruenhagen J D Nalenaja

Weed Soc Amer Abstr 1966 MEETING:56

1966 241 W41

Crop yields, Flax, Polygonum convolvulus, Sced planting, Weed control.

22572-68

CONTROL OF WEEDS IN MAIZE FIELDS--A REVIEW.

O P Gupta O P Gangwar

Indian J Agron 12(1):70-76 REF

Mar 1967 22 IN235

Chemical control (weeds), Corn, Crop yields, Ethyl N,N-dipropylthiolearbamate, Simazine.

22573-68

THE THIN-LAYER EFFECT AND THE HER-BICIDAL ACTION OF 3,4-DICHLOROBENZYL METHYLCARBAMATE.

R A Herrett J A Kramer

Weed Soc Amer Abstr 1966 MEETING:51-52

1966 241 W41

Chemical control (weeds), Dichlorobenzyl mcthylcarbamate, 3,4-, Field crops, Herbicides, Rainfall, Seed germination, Soil adsorption, Soil profiles, Vegetables.

22574-68

RESULTS OF PRE-EMERGENT AQUATIC HERBICIDES IN ILLINOIS.

R C Hiltibran

Weed Soc Amer Abstr 1966 MEETING:100-101 1966 241 W41

Aquatic weeds, Atrazine, Biochemistry, Chara, Chemical control (weeds), Dichlorobenil, Fenac, Herbicides, Najas guadalupensis, Pesticide application, Ponds, Potamogeton pectinatus, Simazine.

22575-68

2-TRICHLOROMETHYLBENZOXAZOLE AS A HERBICIDE, PATENT 3,423,200.

G Holan

Us Patent Office Offic Gaz 858(3):907 21 Jan 1969 156.65 OF2

Chemistry, Herbicides, Patents, Trichloromethylbenzoxazole, 2-, Weed control.

THE WOODY PLANT NURSERY--A USEFUL TOOL FOR EVALUATION OF HERBICIDES.

R A Hursey H L Morton T O Flynt R E Meyer F S Davis R W Bovey

Weed Soc Amer Abstr 1966 MEETING:23 1966 241 W41

Aloysia lycioides, Brush control, Chemical control (weeds), Herbicides, Nurseries, Prosopis juliflora, Rosa bracteata, Tree control, Ulmus alata.

THE EFFECTS OF THREE FORMULATIONS OF BUTYRIC HERBICIDES ON NEWLY-SEEDED AND ESTABLISHED STANDS OF AL-FALFA.

R D Ilnicki

Weed Soc Amer Abstr 1966 MEETING:12-13 1966 241 W41

Alfalfa, Butyric acid, Chemical control (weeds), Esters, Herbicides.

22578-68

SEED DORMANCY OF FUMARIA FICINALIS. OF-

L S Jefferey J D Walewaja Weed Soc Amer Abstr 1966 MEETING:58

BIBLIOGRAPHY

22579-68

1966 241 W41

Fumaria officinalis, Gibberellic acid, Grain, Greenhouse culture, Plant physiology, Plant regulators. Seed dormancy. Seed germination, Weed control, Weeds

22579-68

EFFECT OF METHYL BROMIDE TREAT-MENTS ON SEVERAL SPECIES OF CONIFER SEED.

L Jones K Havel 66(11):858-860 Nov 1968

Fumigation, Longevity, Methyl bromide, Phytotoxicity, Picea abies, Picea glauca, Pinus sylvestris,

22580-68

HERBICIDAL COMPOSITION. PATENT 3,425,820.

K Kawai T Hisada N Ishimoto Us Patent Office Offic Gaz 859(1):226-227 04 Feb 1969 156.65 OF2 Chemistry, Herbicides, Patents, Weed control.

22581-68

ROOTING OF GRASSES AS AFFECTED BY SIDURON

H D Kerr D L Klingham

Weed Soc Amer Abstr 1966 MEETING:26 1966 241 W41

Chemical control (weeds), Grasses, Greenhouse culture, Herbicides, Pesticide application, Roots, Secd germination, Siduron.

22582-68

EFFECTS OF DIRECT CONTACT OF PINE SEEDS OR YOUNG SEEDLINGS WITH COM-MERCIAL FORMULATIONS, ACTIVE IN-GREDIENTS, OR INERT INGREDIENTS OF TRIAZINE HERBICIDES.

T T Kozlowski S Sasaki

Can J Plant Sci 48(1):1-7 REF

Jan 1968 450 C16

Atrazine, Herbicides, Phytotoxicity, Pinus resinosa, Propazine, Seed germination, Simazine.

CONTROL OF OROBANCHE UNDER NATU-RAL AND ARTIFICIALLY INFESTED CONDI-TIONS.

T Krishnamoorthi A S Krishnan Indian J Agron 12(3):277-282

Sep 1967 22 IN235

Cultural control (weeds), Irrigation, Orobanche, Tobacco.

22584-68

INCORPORATION OF HERBICIDES MULCHES.

F O Lanphear

Weed Soc Amer Abstr 1966 MEETING:19

1966 241 W41

Chemical control (weeds), Dichlobenil, Diphenamid, Herbicides, Mulches, Ornamental plants, Simazine.

22585-68

A NEW SMALL MULTIPLE TREE TECHNIQUE FOR ASSESSING THE EFFECTS OF HERBI-CIDES ON WOODY PLANTS.

S K Lehman F S Davis

Weed Soc Amer Abstr 1966 MEETING:23 1966-241-W41

Brush control, Chemical control (weeds), Herbicides, llex vomitoria, Ulmus alata.

22586-68

EVALUATION OF DIQUAT AS AN AQUATIC HERBICIDE APPLIED AT 2 GALLONS PER SURFACE ACRE, UNDER MINNESOTA CON-DITIONS.

J W Mackenzie G H Rogers

Weed Soc Amer Abstr 1966 MEETING:98-99 1966 241 W41

Aquatic weeds, Ceratophyllum demersum, Chemical control (weeds), Diquat, Dosage, Elodea canadensis, Herbicides, Lakes, Myriophyllum, Pesticide application, Ponds, Potamogeton.

22587-68

PARTHENIUM WEED IN MADHYA PRADESH.

J K Maheshwari

Cur Sei 37(11):326-327 05 Jun 1968 475 SC123

Parthenium, Zoogeography.

RECENT DEVELOPMENTS IN THE CONTROL OF WOODY WEEDS IN NEW ZEALAND.

G W Mason

Weed Soc Amer Abstr 1966 MEETING:25

1966 241 W41

Brush control, Chemical control (weeds), Cytisus, D, 2,4-, Herbicides, Picloram, Rosa, Rubus fruticosus, T, 2,4,5-, Ulex europaeus.

22589-68

CHEMICAL CONTROL ALHAGI CAMELORUM.

R L Mathur R K Vashistha

Indian J Agron 12(1):31-33

Mar 1967 22 IN235

Alhagi pseudalhagi, Chemical control (weeds), D, 2,4-, Grain, T, 2,4,5-

The chemical control of the weed of rapi fields, Alhagi camelorum, with 2,4-D and 2,4,5-T is discussed.

22590-68

AZAK - A NEW CRABGRASS HERBICIDE.

J W Maxwell

Weed Soc Amer Abstr 1966 MEETING:74-75 1966 241 W41

Chemical control (weeds), Digitaria, Herbicides, Humans, Pets, Terbutol, Toxicology, Turf.

22591-68

ENVIRONMENTAL VARIABLES AND WEED CONTROL WITH PYRAZON IN SUGAR BEETS.

W F Meggitt

Weed Soc Amer Abstr 1966 MEETING:11 1966 241 W41

Biological assay, Chemical control (weeds), Dosage, Herbicide residues, Pyrazon, Soil con-tamination, Soil leaching, Soil organic matter, Sugar beets, Trichloroacetic acid.

22592-68

CONTROL OF WHITEBRUSH (ALOYSIA LYCIOIDES CHAM.) WITH PICLORAM.

R E Meyer

Weed Soc Amer Abstr 1966 MEETING:24 1966 241 W41

Aloysia lycioides, Brush control, Chemical control (weeds), Condalia obtusiffolia, Diospyros texana, Herbicides, Methyl-4-chlorophenoxyacctic acid, 2-, Opuntia leptocaulis, Picloram, Spraying.

INFLUENCE OF SOME AMINOTRIAZINE HERBICIDES ON SOME SOIL FUNGI. (IT)

M Mickovski O Verona

Agr Ital (N s 22)67(2,MAR-APR):67-76 Apr 1967 16 AG8259

Carbon, Fungus diseases (plants), Herbicides, Nitrogen, Soil fungi, Triazines. English summary.

INFLUENCE OF SOIL TYPE ON THE TOLERANCE OF SUGARCANE TO FENAC. R W Millhollon

Weed Soc Amer Abstr 1966 MEETING:12

1966 241 W41

Biological assay, Chemical control (weeds), Crop losses, Fenac, Herbicide residues, Soil series, Sugarcane.

22595-68

CHEMICAL WEED CONTROL IN POTATO (SOLANUM TUBEROSUM L.)--A REVIEW.

M K Moolani S K Agarwal Indian J Agron 12(3):231-235 REF Sep 1967 22 IN235

Chemical control (weeds), Crop yields, Cultural control (weeds), Potatoes.

22596-68

COMPOSITION AND METHOD FOR CON-TROLLING UNDESIRABLE PLANT GROWTH. PATENT 3,425,821.

L R Morris

Us Patent Office Offic Gaz 859(1):227

04 Feb 1969 156.65 OF2

Biochemistry, Herbicides, Patents, Plant physiology, Weed control.

22597-68

TECHNIQUE TO STUDY THE MOVEMENT OF CDAA FROM A GRANULE INTO SOIL.

J A Mullins W G Lovely C W Bockhop Weed Soc Amer Abstr 1966 MEETING:105 1966-241-W41

Chloro-N,N-diallylacetamide, 2-, Herbicides, Rainfall, Soil analysis, Wind.

AQUATIC HERBICIDE. PATENT 3,421,880.

D R Mussell T W Holmsen

Us Patent Office Offic Gaz 858(2).546

14 Jan 1969 156.65 OF2

Aquatic plants, Chemistry, Herbicides, Patents, Weed control.

HERBICIDE/SURFACTANT COMBINATIONS

22599-68

FOR CELERY SEEDBEDS. J D Orsenigo

Weed Soc Amer Abstr 1966 MEETING:19

1966 241 W41

Celery, Chemical control (weeds), Herbicides, Linuron, Prometryne, Surface-active agents.

SOME CHANGES IN WEED SPECIES IN RESPONSE TO CONTROL METHODS AND CHEMICALS IN HAWAII,

B J Rogers H Ooka

Weed Soc Amer Abstr 1966 MEETING.19

1966 241 W41

Atrazine, Chemical control (weeds), Dalapon, Diuron, Herbicides, Macadamia integrifolia, Simazine, Spraying, Weed control, Weeds.

22601-68

WEED CONTROL IN YOUNG PEACH ORCHARDS.

W J Saidak

Weed Soc Amer Abstr 1966 MEETING:20 1966 241 W41

Amitrole, Atrazine, Chemical control (weeds), Dichlobenil. Dimethyl-3-(alpha,alpha,alphatrifluoro-m-tolyl)urea, I.I., Diuron, Herbicides, Linuron, Paraquat, Peaches, Plant ecology, Plant physiology, Prometryne, Simazine.

22602-68

WEED CONTROL IN SEEDLING ALFALFA.

Wr Sallee

Calif Agr 21(4):14-16 Apr 1967 100 C12CAG

Alfalfa, Benefin, Chemical control (weeds), Herbicides, Seedlings, Weeds.

22603-68

ADAPTING CHEMICAL WEED CONTROL PROGRAMS TO MEET ORCHARD CONDI-TIONS.

D A Schallock W V Welker

Weed Soc Amer Abstr 1966 MEETING:14-15 1966 241 W41

Chemical control (weeds), Grasses, Herbicide residues, Herbicides, Orchards, Peaches, Soil contamination, Weeds.

2.2604-68

CONTROL OF SUBNIEEDS IN RICE FIELDS. SUBMERGED AQUATIC

D E Seaman

Weed Soc Amer Abstr 1966 MEETING:99

1966 241 W41

Aquatic weeds, Chara, Chemical control (weeds), Herbicides, Najas guadalupensis, Potamogeton nodosus, Rice.

BIOASSAY EVALUATION OF DEPTH DISTRIBUTION OF INCORPORATED SOYBEAN PREEMERGENCE HERBICIDES.

J W Shriver L V Sherwood

Weed Soc Amer Abstr 1966 MEETING:1

1966 241 W41

Amiben, Biological assay, Chemical control (weeds), Herbicides, Linuron, Pesticide application, Soil sampling, Soybeans, Trifluralin.

EFFECT OF 2,4-D ON CROP WEED COMPETI-TION IN WHEAT.

H G Singh

Indian J Agron 12(1):25-30

Mar 1967 22 IN235

Chemical control (weeds), D, 2,4-, Irrigation, Weeds, Wheat,

22607-68

CONTROL OF NUTGRASS WEED BY CUL-TIVATION.

T D Sinha C Thakur

Indian J Agron 12(2):121-125

Jun 1967 22 IN 235

Cultural control (weeds), Cyperus rotundus, Tillage.

22608-68

EURASIAN WATERMILFOIL (MYRIOPHYL-LUM SPICATUM L.) IN THE TENNESEE VAL-LEY.

G E Smith T F Hall R A Stanley

Weed Soc Amer Abstr 1966 MEETING:93

1966 241 W41

Aquatic weeds, Chemical control (weeds), D, 2,4-, Myriophyllum spicatum.

22609-68

WEEDS AND WEED CONTROL. RAGWORT, SENECIO JACOBAEA, DECLARED NOXIOUS WEED

Tasmanian J Agr 38(2):157-159

May 1967 23 T182T

Integrated control (weeds), Senecio jacobaea, Weeds.

Ragwort, Senecia jacobaea, a Tasmanian plant poisonous to cattle is described for field identification. Control measures are also suggested.

USE OF HORMONE WEEDKILLERS NEAR VINEYARDS.

F B Thompson

New Zeal J Agr 117(6):93,95

Dec 1968 23 N48J

Chemical control (weeds), Grapes, Hormones, Legislation, Toxicology, Weed control.

The author discusses the regulations concerning the use of hormonal herbicides near vineyards in New Zealand.

22611-68

WEEDS WORTH WATCHING... THE SOUR-SOBS.

A F Tideman

S Australia J Agr 70(3):102-105 MAP

Oct 1966 23 SO84

Chemical control (weeds), Oxalidaceae, Plant geography, Plant morphology, Weeds.

22612-68

PROCESSING PEA RESPONSES TO MCPB AP-PLICATIONS AT DIFFERENT GROWTH

H J Vostral K P Buchholtz

Weed Soc Amer Abstr 1966 MEETING:17

1966 241 W41

Chemical control (weeds), Crop yields, Herhicides, Methyl-4-chlorophenox) butyric acid, 4-(2-, Peas, Plant morphology, Plant physiology.

22613-68

INVESTIGATIONS WITH **PARAQUAT** (GRAMOXONE) AS A HERBICIDE FOR WEED CONTROL IN LOW-GROWN TEA.

U P de S Waidyanatha

Ceylon Tea Res Inst Tea Quart 39(PT 1-2,MAR-JUN):11-18

Jun 1968 68 18 C33

Chemical control (weeds), Herhicides, Paraquat, Tea. Weed control.

HERBICIDE COMBINATIONS.

J L Williams

Weed Soc Amer Abstr 1966 MEETING:83-84 1966 241 W41

Amihen, Atrazine, Chemical control (weeds), Chloro-N-isopropylacetanilide, 2-, Chloro-N,N-di-allylacetamide, 2-, Crops, Herbicides, Isopropyl N-(3-chlorophenyl)carbamate, Naphthylphthalamic acid, N-1-, Onions, Soil contamination, Soil series.

22615-68

AQUATIC VEGETATION CONTROL IN LOUI-SIANA.

W E Wunderlich

Weed Soc Amer Abstr 1966 MEETING:93-94 1966 241 W41

Aconitic acid, Alternanthera philoxeroides, Aquatic weeds, Arsenic, Chemical control (weeds), D, 2,4-, Diglycolic acid, Eichhornia crassipes, Plant translocation, Waterways.

OTHER PESTS

22616-68

HOW SERIOUS IS RABBIT DAMAGE ON LOBLOLLY PINE SEEDLINGS.

E V Hunt

66(11):853

Nov 1968

Longevity, Pinus taeda, Plant injuries, Rabbits, Seedlings.

22617.68

SAPSUCKER DAMAGE TO PONDEROSA PINE. W W Oliver

66(11):842-844

Nov 1968

Bird pests, Feeding, Pinus ponderosa.

LIVESTOCK PROTECTION

22618-68

EFFECTS AND POSSIBILITIES OF USING COUMARIN PREPARATIONS IN RODENT CONTROL. (GE)

K Becker

Prakt Schadlingsbekampfer 20(6):84-87 Jun 1968 421 P882

Biochemistry, Chemical control (pests), Coumarin, Pest control, Pharmacology, Rodents.

THE EFFECT OF DDT ON REPRODUCTION IN

M S Cannon L C Holcomb

Ohio J Sci 68(1):19-24 REF

Jan 1968 410 OH3

Animal histology, Biochemistry, Diet, DDT, Insecticides, Mice, Reproduction, Research.

EFFECTS OF PROGESTERONE TREATMENTS ON DELAYED IMPLANTATION IN MINK.

L C Holcomh

Ohio J Sci 67(1):24-31 REF

Jan 1967 410 OH3

Animal physiology, Breeding, Drug therapy, Injections, Minks, Pregnancy, Progesterone, Reproduction.

22621-68

G AND S SAMPLING **EXTRACTING** TECHNIQUE SOIL MICRO-ARTHROPODS.

K Kikuzawa P Saichuae K Niijima M Tanaka J

Jap J Ecol 17(1):20-28 REF

Feb 1967 410 J272

Animals, Arthropoda, Equipment, Extracts, Methodology, Research, Soil microorganisms.

DEFINITION OF TERMS IN LARGE SCALE RAT CONTROL. (GE)

E Kirchherg

Prakt Schadlingsbekampfer 20(6):87-91

Jun 1968 421 P882

Infectious diseases, Pest control, Rats

DISEASES

22623-68

REV. I BRUCELLA MELITENSIS VACCINE. THE STABILITY OF THE DEGREE OF AT-TENUATION.

G G Alton S S Elberg D Crouch

J Comp Pathol 77(3):293-300

Jul 1967 41.8 J82

Brucella melitensis, Goats, Sheep, Vaccines, Virus diseases (animals).

22624-68

REV. I BRUCELLA MELITENSIS VACCINE. SEROLOGICAL REACTIONS IN MALTESE GOATS.

G G Alton

J Comp Pathol 77(3):327-329

Jul 1967 41.8 J82

Brucella melitensis, Goats, Serological tests, Vaccines, Virus diseases (animals).

PREPARATION AND CHARACTERIZATION OF A SOLUBLE ANAPLASMA MARGINALE ANTIGEN.

T E Amerault T O Roby

Amer J Vet Res 28(125):1067-1072

Jul 1967 41.8 AM3A

Anaplasma, Antigens, Cattle, Erythrocytes, Serodiagnosis.

22626-68

ISOLATION AND EXPERIMENTAL INFEC-TION OF CALVES WITH PARAINFLUENZA-3 VIRUS.

F A Ata K V Singh

J Vet Sci U A R 4(1):1-10 REF

1967 S0F604.0J6

Hemagglutination-inhihition test Livestock diseases, Parainfluenza-3 virus, Serum neutralization test.

THE RELATION BETWEEN THE LIVER RESERVES OF VITAMIN A AND SOME INTESTINAL PARASITES IN DOKKI 4 CHICKS. (A). IN CHICKS AFFECTED WITH CECAL CÓCCIDIOSIS.

A A Bassiouni 1 A El-Hatw M A El-Ezz

J Vet Sci U A R 4(1):35-42 REF

1967 S0F604.0J6

Chickens, Coccidiosis vaccines, Liver, Metabolism, Sanitation, Vitamin a.

22628-68

PRIMARY LESIONS IN CARDIAC GANGLIA OF THE PIG AFTER HERPESVIRUS SUIS IN-FECTION.

C H Becker V Bergmann

Amer J Vet Res 29(3):745-748 REF

Mar 1968 41.8 AM3A

Heart, Herpesviruses, Histology, Nerves, Swine.

FURTHER DEVELOPMENT OF THE SECOND GENERATION OF EIMERIA TENELLA MEROZOITES IN TISSUE CULTURES. P Bedrnik

Folia Parasitol 14(4):361-363

Nov 1967 436.8 C33

Cytology, Eimeria tenella, Tissue culture.

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22630-68

22630-68

PANTOTHENIC ACID METABOLISM DURING AVIAN MALARIA INFECTION: PANTOTHENATE KINASE ACTIVITY IN DUCK ERYTHROCYTES AND IN PLASMODIUM LOPHURAE.

T P Bennett W Trager J Protozool 14(2):214-216 May 1967 439.8 J82

Animal diseases, Avian malaria, Ducks, Erythrocytes, Kinases, Metabolism, Pantothenate, Pantothenic acid, Plasmodium.

22631-68

ANTIGENIC VARIATION IN VIBRIO RESULTING CHOLERAE **FROM** CHROMOSOMAL TRANSFER BY CONJUGA-TION.

K Bhaskaran V B Sinha S S Iyer Cur Sci 37(17):488-489 05 Sep 1968 475 SC123

Antigens, Chromosomes, Heterogenesis, Serodiagnosis, Vibrio.

22632-68

STUDIES OF PNEUMOENTERITIS IN CATTLE. (SP)

A Blanco Loizelier

Spain Patronato Biol Anim Rev 10(3):5-35, REF Nov 1966 49.9 SP16

Cattle, Scours, Virus diseases (animals). Various viruses were involved, english and French summa-

22633-68

FOOT-AND-MOUTH DISEASE.

J B Brooksby

Pesticides 1(7):38,41,55 Mar 1968 S0B951.0P43

Cattle, Foot-and-mouth disease, Livestock diseases, Sheep.

22634-68

COMPARATIVE POTENCY TESTS ON COMPARATIVE POTENCY TESTS ON MODIFIED LIVE-VIRUS RABIES VACCINE PRODUCED FROM FLURY HIGH EGG-PASSAGE VIRUS GROWN ON PERMANENT DOG KIDNEY CELL LINE.

A L Brown E V Davis D L Merry W H Beckenhauer

Amer J Vet Res 28(124):751-759 REF

May 1967 41.8 AM3A

Dogs, Laboratory animals, Rabies virus, Tissue culture, Viral vaccines.

22635-68

CYTOPATHOLOGIC CHANGES AND DEVELOPMENT OF INCLUSION BODIES IN CULTURED CELLS INFECTED WITH BLUETONGUE VIRUS.

J G Browne M M Jochim

Amer J Vet Res 28(125):1091-1105 REF

Jul 1967 41.8 AM3A

Bluetongue virus, Cytology, Electron microscopy, Fluorescent antibody technic, Inclusion bodies, Tissue culture.

22636-68

PHALARIS STAGGERS NEED NOT BE A BOGEY.

P W Brownrigg

S Australia J Agr 70(5):154-158

Dec 1966 23 SO84

Cattle, Central nervous system, Cobalt, Diagnosis, Livestock diseases, Phalaris tuberosa, Poisonous plants, Sheep.

The symptoms and control methods for the central nervous system disease caused by Phalaris tuberosa in Australian livestock are discussed. Cobalt therapeutic techniques are given.

BESNOITIOSIS AND OTHER SKIN DISEASES OF CATTLE (BOS INDICUS) IN UGANDA.

O Bwangamoi

Amer J Vet Res 29(3):737-743 REF Mar 1968 41.8 AM3A

Africa, Cattle, Globidiosis, Histology, Skin diseases, Surveys.

22638-68

TISSUE CULTURE HOG CHOLERA VACCINE. PATENT 3,422,188.

V. I. Cabasso

Us Patent Office Offic Gaz 858(2):602

14 Jan 1969 156.65 OF2

Hog cholera, Hog cholera vaccines, Patents, Swine, Tissue culture, Virus discases (animals).

EVIDENCE FOR A METHIONINE-CONTROLLED HOMOSERINE DEHYDROGENASE IN SALMONELLA TYPHIMURIUM.

R L Cafferata M Freundlich J Bacteriol 97(1):193-198 REF

Jan 1969 448.3 J82

Biosynthesis, Chromatography, Dehydrogenases, Methionine, Salmonella typhimurium.

INFLUENCE OF LITTER SIZE, AGE, VARIA-TION, AND SELECTIVE BREEDING OF MICE ON SUSCEPTIBILITY TO FOOT-AND-MOUTH DISEASE VIRUS.

C H Campbell

Amer J Vet Res 29(3):685-691

Mar 1968 41.8 AM3A

Animal breeding, Foot-and-mouth disease virus, Genetics, Immunity, Mice.

22641-68

BOVINE VIRUS DIARRHEA IN ITALY. I. ISOLATION AND CHARACTERIZATION OF THE VIRUS.

G Castrucci V Cilli G Gagliardi

Arch Gesamte Virusforsch 24(1-2):48-64 REF Jun 1968 448.3 AR23

Bovine virus diarrhea virus, Cattle, Poxviruses, Virus diseases (animals).

22642-68

THE DYNAMICS OF ANTIBODY AGAINST EIMERIA TENELLA UNDER THE FLUORESCENT MICROSCOPE.

Z Cerna

Folia Parasitol 14(1):13-18

Feb 1967 436.8 C33

Antigens, Chickens, Eimeria tenella, Fluorescent antibody technic.

22643-68

ULTRASTRUCTURAL OBSERVATIONS ON NEURONS OF THE SYMPATHETIC GANGLIA IN GRASS SICKNESS.

R L Chandler A Brownlee

J Comp Pathol 77(3):339-342 REF

Jul 1967 41.8 J82

Anatomy, Electron microscopes, Grass sickness, Horses, Neurology, Virus diseases (animals).

22644-68

SPECIFICITY OF THE ANAMNESTIC RESPONSE PRODUCED BY LISTERIA MONOCYTOGENES OR MYCOBACTERIUM TUBERCULOSIS TO CHALLENGE WITH LISTERIA MONOCYTOGENES.

S Coppel G P Youmans
J Bacteriol 97(1):127-133 REF

Jan 1969 448.3 J82

Anamnestic reaction, Immunity, Listeria monocytogenes, Mice, Mycobacterium tuberculosis.

22645-68

SPECIFICITY OF ACQUIRED RESISTANCE PRODUCED BY IMMUNIZATION WITH LISTERIA MONOCYTOGENES AND LISTERIA FRACTIONS.

S Coppel G P Youmans

J Bacteriol 97(1):121-126 REF

Jan 1969 448.3 J82

Immunity, Listeria monocytogenes, Mice.

RABIES VACCINE AND PROCESS FOR PREPARATION THEREOF. PATENT 3,423,505. J F Crawley M K Abelseth

Us Patent Office Offic Gaz 858(3):962

21 Jan 1969 156.65 OF2

Chemistry, Patents, Rabies, Vaccines, Virus diseases (animals).

22647-68

PHARMACOLOGIC PROPERTIES SLOBBER-INDUCING MYCOTOXIN RHIZOCTONIA LEGUMINICOLA, MYCOTOXIN FROM

M H Crump E B Smalley R E Nichols D P Rainey

Amer J Vet Res 28(124):865-874

May 1967 41.8 AM3A

Birds, Mammals, Mycotoxicosis, Pharmacology, Rhizoctonia, Saliva.

22648-68

STUDIES ON THE SITE OF REPLICATION OF VESICULAR STOMATITIS VIRUS.

T S David-West N A Labzoffsky

Arch Gesamte Virusforsch 24(1-2):30-47 REF Jun 1968 448.3 AR23

Arboviruses, Cytoplasm, Electron microscopy, Immunochemistry, Reproduction, Synthesis, Tissue culture, Vesicular stomatitis virus.

EFFECTS OF WASHING WITH SALINE SOLU-TION AND NORMAL BOVINE PLASMA ON THE INFECTIVITY OF ANAPLASMA MARGINALE IN ERYTHROCYTES.

H E Davis G T Dimopoullos Amer J Vet Res 29(3):763-764

Mar 1968 41.8 AM3A

Anaplasma marginale, Biochemistry, Cattle, Erythrocytes, Salts, Water.

SCHIZOGONY AND GAMETOGONY OF LEU-COCYTOZOON SIMONDI AND ASSOCIATED REACTIONS IN THE AVIAN HOST.

S S Desser

J Protozool 14(2):244-254 REF

May 1967 439.8 J82

Animal diseases, Ducks, Leucocytozoon disease, Leucocytozoon simondi, Parasitism, Protozoa.

22651-68

PATHOGENESIS OF THREE STRAINS OF BRUCELLA SUIS IN SWINE.

B L Devoe

Amer J Vet Res 28(125):951-957 REF

Jul 1967 41.8 AM3A

Bacterial diseases (animals), Bacteriology, Brucella suis, Serological tests, Swine.

22652-68

EFFECTS OF CHRONIC RESIDENCE ON SIZE AND SIZE DISTRIBUTION OF PLAQUES OF TYPE A FOOT-AND-MOUTH DISEASE VIRUS IN PRIMARY CALF KIDNEY CELL CUL-TURES.

E Dougherty H R Seibold R E Patty Amer J Vet Res 29(3):693-701 REF

Mar 1968 41.8 AM3A Foot-and-mouth disease virus, Immunity, Tissue culture.

STIMULATION OF LEPTOSPIRAL GROWTH BY GLUCOSE.

H C Ellinghausen

Amer J Vet Res 29(1):191-199 REF

Jan 1968 41.8 AM3A

Glucose, Leptospira pomona, Metabolism. Physiology, Proteins.

FLUORESCENT ANTIBODY TECHNIQUE AS A DIAGNOSTIC TEST FOR CANINE DISTEMPER INFECTION: DETECTION OF VIRAL AN-TIGEN IN EPITHELIAL TISSUES OF EXPERIMENTALLY INFECTED DOGS.

G A Fairchild M Wyman E F Donovan Amer J Vet Res 287124):761-768 REF

May 1967 41.8 AM3A

Antigens, Canine distemper virus, Diagnosis, Dogs, Fluorescent antibody technic.

RESULTS OF CONTINUOUS LOW-LEVEL IN-OCULATIONS WITH EIMERIA BOVIS IN CALVES.

P R Fitzgerald

Amer J Vet Res 28(124):659-665 REF

May 1967 41.8 AM3A

Cattle, Coccidiosis, Eimeria, Immunization, Injec-

22656-68

DIRECT ASSAY FOR BLUETONGUE VIRUS BY INTRAVASCULAR INOCULATION OF EMBRYONATING CHICKEN EGGS.

N M Foster A J Luedke

Amer J Vet Res 29(3):749-753 REF

Mar 1968 41.8 AM3A

Biological assay, Bluetongue virus, Chickens, Eggs, Methodology.

22657-68

SURVIVAL OF FOOT-AND-MOUTH DISEASE VIRUS IN BOVINE HIDES.

P Gailiunas G E Cottral

Amer J Vet Res 28(125):1047-1053 REF Inl 1967 41 8 AM3A

Cattle, Epizootic diseases, Foot-and-mouth disease virus, Hides, Longevity.

HISTOCHEMICAL AND ELECTRON MICRO-SCOPIC STUDIES OF DOG KIDNEY CELLS IN THE EARLY STAGES OF INFECTION WITH INFECTIOUS CANINE HEPATITIS VIRUS.

S P Garg J E Moulton K K Sekhri Amer J Vet Res 28(124):725-730 REF

May 1967 41.8 AM3A

Dogs, Electron microscopy, Histochemistry, Infectious canine hepatitis virus, Tissue culture.

22659-68

ACUTE AND CHRONIC ERYSIPELOTHRIX RHUSIOPATHIAE INFECTION IN RATS.

H D Geissinger

Zentralbl Vet (SER B)15(3):392-405 REF

Apr 1968 41.8 Z52

Animal diseases, Bacteria, Blood, Erysipelothrix insidiosa, Heart, Rats, Research, German, French, and Spanish summary.

FRACTIONATION AND CHARACTERIZATION OF THE PLASMA AND MESOSOME MEMBRANE OF LISTERIA MONOCYTOGENES.

B K Ghosh R G E Murray

J Bacteriol 97(1):426-440 REF

Jan 1969 448.3 J82

Biochemistry, Cytology, Listeria monocytogenes, Plasma membrane.

SEROLOGICAL RESPONSE OF PIGS TO IN-SEROLOGICAL RESPONSE OF FIGS TO INFECTION WITH MYCOPLASMA. DEMONSTRATION OF GROWTH AND METABOLISM-INHIBITING ANTIBODIES IN SERA OF PIGS INOCULATED INTRANASALLY WITH MYCOPLASMA HYORHINIS. II.

M Gois

Zentralbl Vet (SER B)15(3):382-391 REF

Apr 1968 41.8 Z52

Animal diseases, Antibodies, Hydrogen-ion concentration, Injections, Metabolism, Mycoplasma hyorhinis, Rabbits, Research, Serological tests, Swine, German, French, and Spanish summary.

22662-68

IMMUNIZATION OF HORSES AGAINST AFRICAN HORSE-SICKNESS WITH ATTENU-ATED NEUROTROPIC VIRAL STRAINS PROPAGATED IN CHICKEN EMBRYOS. L Goldsmit

Amer J Vet Res 29(1):133-141 REF

Jan 1968 41.8 AM3A

African horse sickness, Horses, Immunization, Neurotropic viruses, Serological tests, Viral vac-

22663-68

EXPERIMENTAL TRANSMISSION OF BOVINE MYCOPLASMA IN CALVES AND TURKEYS.

A H Hamdy A L Trapp

Amer J Vet Res 28(125):1013-1018 REF Jul 1967 41.8 AM3A

Cattle, Epizootic diseases, Histochemistry, Mycoplasma, Respiratory discases, Turkeys.

COMPARISON OF THE RESISTANCE OF DIF-FERENT-AGED PHEASANTS TO EASTERN EN-CEPHALITIS VIRUS FROM DIFFERENT CEPHALITIS SOURCES.

R P Hanson S Vdlamudi D O Trainer R Anslow Amer J Vet Res 29(3):723-727

Mar 1968 41.8 AM3A

Avian encephalomyelitis, Epizootic diseases, Immunity. Pheasants.

22665-68

ON IMMUNOPRECIPITATION IN SWINE PLAGUE. (GE)

H Hantschel

Riems Isl Friedrich-loeffler Inst Arb 1131-1145 REF

53055541.9 R44

Immunity, Livestock diseases, Swine, Swine plague. Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 20 no.5, 1967

22666-68

EXPERIMENTAL PASTEURELLOSIS: COM-PARATIVE STUDIES ON PASTEURELLA MUL-TOCIDA FROM ASIA, AFRICA, AND NORTH AMERICA.

K L Heddleston K R Rhoades P A Rebers Amer J Vet Res 28(125):1003-1012 REF Jul 1967 41.8 AM3A

Biochemistry, Cattle, Epizootic diseases, Laboratory animals, Pasteurella multocida, Serological tests.

HEMAGGLUTININE OF THE ADENOVIRUS 31. (FR)

M Henry R Sohier M F A Du Chatelet Acad Sci Compt Rend Ser D Sci Nat 267(22, 2ND SEMESTER):1903-1904 25 Nov 1968 505 P21

Adenoviruses, Hemagglutination, Serological tests.

SOME PROPERTIES OF THE VIRUS OF DUCK PLAGUE.

W R Hess A H Dardiri

Arch Gesamte Virusforsch 24(1-2):148-153

Jun 1968 448.3 AR23

Biochemistry, Biophysics, Ducks, Enteritis, Fowl plague, Virus diseases (animals).

EFFECT OF ANTIBIOTIC THERAPY ON EXPERIMENTAL LEPTOSPIROSIS INFECTION AND DEVELOPMENT OF ACQUIRED RE-SISTANCE IN GUINEA PIGS.

W T Hubbert J N Miller

Amer J Vet Res 28(124):861-864 REF

May 1967 41.8 AM3A

Drug therapy, Guinea pigs, Immunity, Leptospira icterohaemorrhagiae, Leptospirosis, Penicillin, Streptomycin.

22670-68

ATTEMPTS TO RELEASE THE SCRAPIE AGENT FROM TISSUE DEBRIS.

G D Hunter G C Millson

J Comp Pathol 77(3):301-307 REF Jul 1967 41.8 J82

Scrapie, Tissues, Virus diseases (animals).

22671-68

ENCEPHALITIS IN HORSES IN HILL-SBOROUGH COUNTY, FLORIDA, 1964.

W L Jennings R A Kathein A L Lewis J O Bond Amer J Vet Res 28(125):965-970 REF Jul 1967 41.8 AM3A

Diagnosis, Epizootic diseases, Equine encephalomyelitis, Immunization, Serological tests

MANUFACTURE OF LIVE CANINE HEPATITIS VACCINE. (CZ)

E Jiran G Petr B Juracka

Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(4):225-232 REF Apr 1968 41.9 C333

Antibodies, Canine distemper, Canine hepatitis vaccines, Freeze drying, Immunization, Vaccines, Virus diseases (animals). English, Russian, and

ANAPLASMA MARGINALE INFECTION IN YOUNG AND AGED CATTLE.

E W Jones I O Kliewer B B Norman W E Brock Amer J Vet Res 29(3):535-544 REF Mar 1968 41.8 AM3A

Anaplasma, Cattle, Diagnosis, Serological tests.

CRITICAL CONSIDERATIONS ON THE DIAG-NOSTIC USEFULNESS OF THE END METHOD FOR THE IN VITRO DETECTION OF THE HOG CHOLERA. (GE

O R Kaaden E Wittmann

Riems 1sl Friedrich-loeffler Inst Arb 1199-1208 REF

1967 41.9 R44

Diagnosis, Exaltation of Newcastle disease virus test, Hog cholera, Livestock diseases, Swine. Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.5.

22675-68

EFFECTS OF **ESTROGENS** ANAPLASMA MARGINALE INFECTION IN SPLENECTOMIZED CATTLE.

G Klaus E W Jones I O Kliener

Amer J Vet Res 28(125):1033-1036 REF Jul 1967 41.8 AM3A

Anaplasma, Cattle, Drug therapy, Estrogens, Injections, Spleen.

22676-68

COMPARATIVE FLUORESCENCE-IMMU-NOLOGICAL AND CYTOPATHOLOGICAL STUDIES WITH VARIOUS VIRUS STRAINS OF THE MUCOSAL DISEASE OF CATTLE. (GE)

R Kokles D Urbaneck H Liebermann A-f Olechnowitz

Riems 1sl Friedrich-loeffler Inst Arb 1295-1304 RFF

1967 41.9 R44

Cattle, Cytology, Fluorescence, Immunology, Mucosal disease, Research, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.5,

22677-68

UTERINE INFECTION IN BOVINE PARATU-BERCULOSIS.

K E Kopecky A B Larsen R S Merkal Amer J Vet Res 28(125):1043-1045 REF Jul 1967 41.8 AM3A

Bacterial diseases (animals), Cattle, Mycobacterium paratuberculosis, Uterus.

A CASE OF EPERYTHROZOONOSIS SUIS AND ITS DIFFERENTIAL DIAGNOSTIC SIGNIFICANCE IN RELATION TO SUSPECTED SWINE FEVER. (GE

G Korn M Mussgay

Zentralbl Vet (SER B)15(6):617-630 REF Aug 1968 41.8 Z52

Blood analysis, Diagnosis, Eperythrozoon suis, Eperythrozoonosis, Hog cholera, Livestock dis-eases, Serological tests, Swine, Temperature. English, French, and Spanish summary

THE FLUORESCENT STAINING COMPLEMENT FOR THE SERODIAGNOSIS OF TOX-OPLASMOSIS.

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1 Kramar

Folia Parasitol 14(1).5-12 REF

Feb 1967 436.8 C33

Fluorescent antibody technic, Methodology, Serodiagnosis, Toxoplasmosis.

22680-68

EFFECT OF DIFFERENT SPECIES TRICHOMONADS ON MONKEY KIDNEY CELL CULTURES.

Folia Parasitol 14(4),295-310 REF

Nov 1967 436.8 C33

Biochemistry, Monkeys, culture. Trichomonas.

STUDIES ON STAPHYLOCOCCOSIS IN CHICKENS. II. PATHOGENICITY OF STAPHYLOCOCCUS AUREUS OF CHICKEN ORIGIN FOR VARIOUS EXPERIMENTAL ANIMALS.

S Kuramasu Y Imamura Y Tajima Zentralbl Vet (SER B) 15(6):640-648

Aug 1968 41.8 Z52

Chick embryos, Chickens, Injections, Laboratory animals, Poultry diseases, Research, Staphylococcus aureus, Xylene. German, French, and Spanish summary

22682-68

COMMENTS ON SOME MECHANISMS OF AN-TIBODY PRODUCTION IN BOVINE LEP-TOSPIROSIS, (FR.)

S Levin VI Topciu N Gluhovski

Arch Gesamte Virusforsch 26(2):411-418 REF Jun 1967 448.3 AR22

Antibodies, Cattle, Epizootic diseases, Leptospira pomona. Russian, German, and English abstracts

ISOLATION AND IDENTIFICATION OF A FURTHER NEW BOVINE HERPES VIRUS. (GE

H Liebermann P Schulze R Kokles H Hantschel Riems Isl Friedrich-loeffler Inst Arb 761-776 REF 1967 41.9 R44

Cattle, Diagnosis, Herpesvíruses, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.3, 1967

22684-68

PSEUDOCOWPOX IN GERMANY. (GE)

H Liebermann P Schulze H Liebermann Riems Isl Friedrich-loeffler Inst Arb 1419-1433 REF

1967 41.9 R44

Cattle, Pseudocowpox, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22685-68

THE INFECTION SPECTRUM OF THE STO-MATITIS PAPULOSA VIRUS. (GE

H Liehermann

Riems Isl Friedrich-loeffler Inst Arb 1337-1352 RFF

1967 41.9 R44

Bovine papular stomatitis virus, Calves, Livestock, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22686-68

DIFFERENTIAL DIAGNOSIS OF BOVINE STO-MATITIS OF VIRAL ORIGIN. (GE

H Liebermann

Riems Isl Friedrich-loeffler Inst Arb 1399-1418

1967 41.9 R44

Cattle, Diagnosis, Stomatitis, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22687-68

THE SITUATION OF THE AFRICAN SWINE FEVER VIRUS IN VIRAL SYSTEMATICS, (FR) A Lucas R Carnero

Acad Sci Compt Rend Ser D Sci Nat 266(17, 1ST SEMESTER):1800-1801 REF

22 Apr 1968 505 P21

African swine fever, Biochemistry, Morphology, Physiology, Taxonomy, Viruses.

22688-68

ISOLATION AND CHARACTERIZATION OF BOVINE ENTERIC VIRUSES,

M J Van Der Maaten R A Packer Amer J Vet Res 28(124):677-684 REF May 1967 41.8 AM3A

Abortion, Bovine enteroviruses, Cattle, Serological

22680-68

EQUINE PIROPLASMOSIS: INDIRECT FLOU-RESCENT ANTIBODY TEST FOR BABESIA CABALLI.

P A Madden A A Holbrook

Amer J Vet Res 29(1):117-123 REF

Jan 1968 41.8 AM3A

Antibodies, Diagnosis, Fluorescent antibody technic, Horses, Piroplasmosis, Serological tests.

22690-68

PIGWEED (AMARANTHUS RETROFLEXUS): AN OXALATE-CONTAINING PLANT.

V L Marshall W B Buck G L Bell Amer J Vet Res 28(124):888-889 May 1967 41.8 AM3A

Amaranthaceae, Oxalates, Poisonous plants, Swine, Toxicology.

22691-68

REPLICATION OF INFECTIOUS LARYN-GOTRACHEITIS VIRUS IN CHICKEN KIDNEY CELL CULTURE.

V M Mayer F M Hetrick W D Keenum H M **DeVolt**

Amer J Vet Res 28(124):825-832 REF May 1967 41.8 AM3A

Chickens, Deoxyribonucleic acid, Infectious laryngotracheitis virus, Synthesis, Tissue culture.

STUDIES ON THE DEVELOPMENT OF A LIVE VACCINE AGAINST EQUINE RHINOPNEU-MONITIS (ABORTION OF MARES). (GE)

R Mayr J Pette K Petzold K Wagener Zentralbl Vet (SER B)15(3):406-418 REF

Apr 1968 41.8 Z52

Antihodies, Equine rhinopneumonitis, Hamsters, Horses, Immunity, Immunization, Research, Swine, Vaccines, Virus discases (animals). English, French, and Spanish summary.

ISOLATION AND IDENTIFICATION OF CLOS-TRIDIUM HEMOLYTICUM IN CATTLE IN

C S McCain

Amer J Vet Res 28(124):878-880 REF

May 1967 41.8 AM3A

Cattle, Clostridium hemolyticum, Diagnosis, Epizootic diseases, Fluorescent antibody technic, Hemoglobinemia, Zoogeography.

EFFICACY OF NAPHTHALOPHOS AND COU-MAPHOS AGAINST NEMATODES OF GOATS. L R McDougald R G White M F Hansen

Amer J Vet Res 29(5):1077-1079

May 1968 41.8 AM3A

Anthelmintics, Coumaphos, Goats. Naphthalophos, Nematodes.

22695-68

EXPERIMENTALLY INDUCED BOVINE PSOROPTIC ACARIASIS IN A RABBIT.

W P Meleney Amer J Vet Res 28(124):892-894 May 1967 41.8 AM3A

Acartasis, Cattle, Psoroptes ovis, Rabbits, Sheep.

22696-68

EXPERIMENTAL PARATUBERCULOSIS IN SHEEP AFTER ORAL, INTRATRACHEAL, OR INTRAVENOUS INOCULATION HISTOCHEMICAL LOCALIZATION HYDROLASE ACTIVITIES.

R S Merkal J P Kluge W S Monlux A B Larsen K E Kopecky L Y Quinn R P Lehmann

Amer J Vet Res 29(5):985-994

May 1968 41.8 AM3A

Histochemistry, Hydrolases, Injections, Mycobacterium paratuberculosis, Sheep.

EXPERIMENTAL PARATUBERCULOSIS IN SHEEP AFTER ORAL, INTRATRACIIEAL, OR INTRAVENOUS INOCULATION: SEROLOGIC AND INTRADERMAL TESTS.

R S Merkal A B Larsen K E Kopecky J P Kluge W S Monlux R P Lehmann L Y Quinn Amer J Vet Res 29(5):963-969 REF

May 1968 41.8 AM3A

Diagnosis, Injections, Mycohacterium paratuberculosis, Precipitin test, Serological tests, Sheep.

EXPERIMENTAL PARATUBERCULOSIS IN SHEEP AFTER ORAL, INTRATRACHEAL, OR INTRAVENOUS INOCULATION: HISTOCHEMICAL LOCALIZATION DEHYDROGENASE ACTIVITIES.

R S Merkal W S Monlux J P Kluge A B Larsen K E Kopecky L Y Quinn R P Lehmann Amer J Vet Res 29(5):971-982 REF

May 1968 41.8 AM3A

Dehydrogenases. Histochemistry, Injections, Mycohacterium paratuberculosis, Sheep.

INVESTIGATIONS ON AVIAN AN ADENOVIRUS. (GE)

G Monreal

Zentralbl Vet (SER B)15(6):685-716

Aug 1968 41.8 Z52

Adenoviruses, Adsorption, Cells, Chickens, Dna viruses, Morphology, Nucleic acids, Reproduction, Research, Virus diseases (animals).

22700-68

EFFECT OF TOXIN ROVINE MYCOPLASMAL MASTITIS.

A H Mosher W N Plastridge M E Tourtellotte C F Helmholdt

Amer J Vet Res 29(3):517-522 REF Mar 1968 41.8 AM3A

Allergies, Cattle, Cytopathology, Mastitis. Mycoplasma, Tissue culture, Toxins

22701-68

METHOD OF COMBATTING HERPES VIRUS WITH 5-NITROURACIL. PATENT 3,423,508. Y K S Murthy E Testa

Us Patent Office Offic Gaz 858(3):962 21 Jan 1969 156.65 OF2

Herpesviruses, Nitrouracil, 5-, Patents, Virus diseases (animals).

22702-68

SUSCEPTIBILITY OF TISSUE CULTURE CELLS TO FOOT-AND-MOUTH VIRUS: CONCENTRATION OF SERUM IN CULTURE MEDIUM. DISEASE BOVINE

R E Patty E Dougherty Amer J Vet Res 28(124):647-651

May 1967 41.8 AM3A Blood serum, Foot-and-mouth disease virus, Host relationships, Tissue culture.

22703-68

CYTOPATHOLOGIC CHANGES OF LYMPHATIC TISSUES OF CATTLE WITH THE BOVINE VIRUS DIARRHEA-MUCOSAL DIS-EASE COMPLEY EASE COMPLEX.

C P Peter J R Duncan D E Tyler F K Ramsey Amer J Vet Res 29(5):939-948 REF May 1968 41.8 AM3A

Bovine virus diarrhea virus, Cattle, Cytology, Electron microscopy, Lymph, Mucosal disease.

SUSCEPTIBILITY OF CULTURED MAMMALIAN CELLS TO INFECTION WITH VIRULENT AND MODIFIED HOG CHOLERA VIRUSES.

E C Pirtle A J Kniazeff

Amer J Vet Res 29(5):1033-1040 REF

May 1968 41.8 AM3A

Fluorescent antibody technic. Hog cholera virus, Mammals, Tissue culture.

CYTOGENETIC ALTERATIONS IN SWINE KIDNEY CELLS PERSISTENTLY INFECTED WITH HOG CHOLERA VIRUS AND PROPAGATED WITH AND WITHOUT AN-TISERUM IN THE MEDIUM.

E C Pirtle L K Woods

Amer J Vet Res 29(1):153-164 REF

Jan 1968 41.8 AM3A

Antigens, Chromosomes, Cytogeneties, Hog cholera virus.

22706-68

FROM BRAINS OF RABIESNEGATIVE ANIMALS.

B Pittman W B Cherry

Amer J Vet Res 28(124):779-785 MAP REF

May 1967 41.8 AM3A

Epizootic diseases, Fluorescent antibody technic, Listeria monocytogenes, Rabies virus.

22707-68

PATHOGENESIS OF COLIFORM MASTITIS IN CATTLE. II. A COMPARISON OF MORPHOLOGICAL FINDINGS IN COLIFORM MASTITIS IN CATTLE AND IN THE EXPERI-INDUCED MENTALLY ARTHUS PHENOMENON IN THE MAMMARY GLANDS OF RABBITS.

Z Pospisil E Salajka

Zentralbl Vet (SER B)15(6):631-639 REF

Aug 1968 41.8 Z52

Aerobacter aerogenes, Cattle, Escherichia coli, Livestock diseases, Mammary glands, Mastitis, Morphology, Rabbits. German, French, and Spanish summary.

22708-68

ENTERO-TOXAEMIA OF SHEEP AND LAMBS. M F Pulsford

S Australia J Agr 70(3):89-95

Oct 1966 23 SO84

Clostridium. Enterotoxemia, Immunization, Methodology, Sheep.

22709-68

INFLUENCE OF TEMPERATURE ON THE TOXICITY OF DIFFERENT ISOLATES OF ASPERGILLUS WENTII WEHM.

C J Rabie M Terblanche

S Afr J Agr Sci 10(1):263-266

Mar 1967 24 SU3

Aspergillus, Biochemistry, Ducks, Temperature, Toxicology, Toxins.

22710-68

IMMUNOLOGIC RESPONSE OF FOWL TO MYCOPLASMA GALLISEPTICUM AND ITS RELATIONSHIP TO LATENT INFECTION. D H Roberts O M Olesiuk H Van Roekel

Amer J Vet Res 28(125):1135-1152 REF Jul 1967 41.8 AM3A

Immunization, Mycoplasma gallisepticum, Poultry, Serological tests.

22711-68

PROBLEMS OF BOVINE LEUCOSIS. (GE)

H Roehrer

Riems Isl Friedrich-loeffler Inst Arb 1-8 1967 41.9 R44

Cattle, Leukosis, Livestock diseases. English summary reprint: German Veterinary Weekly, vol. 74, no.2, Jan. 15, 1967, Hannover, West Germany 22712-68

INTERFERON PRODUCTION WITH STRAIN SF-4 OF PARAINFLUENZA-3 VIRUS.

B D Rosenquist R W Loan

Amer J Vet Res 28(124):619-628 REF

May 1967 41.8 AM3A Cattle, Interferon, Parainfluenza-3 virus, Swine,

Lissue culture.

EXPERIMENTAL STREPTOCOCCUS AGALAC-TIAE MASTITIS IN CATTLE: ATTEMPTS TO SUPERIMPOSE THE ORGANISM IN LACTAT-ING GLANDS HARBORING UNRELATED BAC-TERIAL INFECTIONS AND IN GLANDS WITH EXPERIMENTALLY INDUCED STERILE IN-FLAMMATION.

O W Sehalm J Lasmanis E J Carroll Amer J Vet Res 28(124):685-695 REF

May 1967 41.8 AM3A

Cattle, Injections, Mammary glands, Mastitis, Streptococcus agalactiae.

22714-68

EXPERIMENTAL PSEUDOMONAS AERII-GINOSA MASTITIS IN CATTLE.

O W Schalm J Lasmanis E J Carroll Amer J Vet Res 28(124):697-707 REF May 1967 41.8 AM3A

Cattle, Injections, Mastitis, Pseudomonas aeruginosa.

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. VII. INVESTIGATIONS INTO THE PROCESSES IN THE LOW TEMPERATURE COMPLEMENT BINDING REACTION WITH DERMATITIS PUSTULOSA ANTIGEN. (GE.)

Riems Isl Friedrich-loeffler Inst Arb 969-980 REF 1967 41.9 R44

Antigens, Complement fixation, Research, Sheep, Sore mouth, Temperature, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.4, 1967

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. VI. THE SPECIFICITY OF THE COMPLEMENT BINDING REACTION WITH DERMATITIS PUSTULOSA ANTIGEN. (GE) D Sehmidt

Riems Isl Friedrich-loeffler Inst Arb 947-967 REF 1967 41.9 R44

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EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. V. INVESTIGATIONS INTO THE DEVELOPMENT OF IMMUNITY TO THE VIRUS OF DERMATITIS PUSTULOSA AT VARIOUS PLACES OF THE SURFACE OF THE BODY. (GE)

D Schmidt

Riems Isl Friedrich-loeffler Inst Arb 937-945 REF 1967 41.9 R44

Immunity, Research, Sheep, Skin, Sore mouth, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.4, 1967

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. IV.0CULTIVATING THE DERMATITIS PUSTULOSA VIRUS IN A TISSUE CULTURE. (GE) D Schmidt

Riems Isl Friedrich-loeffler Inst Arb 701-711 1967 41.9 R44

Sheep, Sore mouth, Tissue culture, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.3, 1967

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP.II.OTHE BEHAVIOR OF THE COM-PLEMENT FIXATION AND OF THE INFECTIOUS ANTIGEN AT VARIOUS PH LEVELS. (GE)

D Schmidt

Riems Isl Friedrich-loeffler Inst Arb 181-190 REF 1967 41.9 R44

Antigens, Complement fixation, Sheep, Sore mouth, Virus diseases (animals). Reprint: Archive for Experimental Veterinary Medicine vol. 21

EXPERIMENTAL CONTRIBUTIONS TO THE KNOWLEDGE OF DERMATITIS PUSTULOSA OF SHEEP. I.EXPERIMENTS CONCERNING
THE PURIFICATION OF THE DERMATITIS
PUSTULOSA VIRUS AND THE ISOLATION OF
THE COMPLEMENT FIXATION ANTIGEN FROM THE ELEMENTARY BODIES. (GE D Schmidt

Riems Isl Friedrich-loeffler Inst Arb 175-180 REF 1967 41.9 R44

Antigens, Complement fixation, Dermatitis, Sheep, Sore mouth, Virus diseases (animals). Reprint. Archive for Experimental Veterinary Medicine vol. 21

LIGHT AND ELECTRON MICROSCOPIC EX-AMINATIONS OF A NEW BOVINE HERPES VIRUS. (GE)

P Schulze H Liebermann H Hantschel A Bartha M Juhasz

Riems Isl Friedrich-loeffler Inst Arb 747-759 REF 1967 41.9 R44

Cattle, Electron microscopes, Herpesviruses, Microscopy, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.3, 1967

ELECTRON MICROSCOPIC STUDIES ON THE LYMPH NODE OF THE PIG. (GE P Schulze

Riems Isl Friedrich-loeffler Inst Arb 301-306 1967 41.9 R44

Cytoplasm, Electron microscopes, Livestock diseases, Lymphatic system, Research, Swine. Reprint: Morphological Yearbook, Leipzig, East Germany vol. 111 no.2, 1967

REACTIONS OF SHEEP TO CELL-CULTURE-MODIFIED FOOT-AND-MOUTH DISEASE VIRUS.

H R Seibold E Dougherty

Amer J Vet Res 28(125):1079-1083

Jul 1967 41.8 AM3A

Foot-and-mouth disease virus, Immunization, Laboratory animals, Sheep, Tissue culture.

PHYSICO-CHEMICAL PROPERTIES AVIAN REOVIRUS AND ITS NUCLEIC ACID.

K Sekiguchi F Koide H Kawamura Arch Gesamte Virusforsch 24(1-2):123-136 REF Jun 1968 448.3 AR23

Biochemistry, Biophysics, Chickens, Nucleie acids, Reoviruses, Tissue culture.

22725-68

CHARACTERIZATION OF THE MALARIA PIGMENT (HEMOZOIN) FROM THE AVIAN MALARIA PARASITE PLASMODIUM LOPHU-RAE.

I W Sherman I P Ting J A Ruble J Protozool 15(1):158-164 REF

Feb 1968 439.8 J82

Animal diseases, Avian malaria, Plasmodium, Poultry, Properties.

22726-68

FURTHER STUDIES ON THE ERYSIPELOTHRIX INSIDIOSA TUBE AGGLU-TINATION TEST.

D Sikes T J Tumlin

Amer J Vet Res 28(125):1177-1181 REF

Jul 1967 41.8 AM3A

Agglutination, Diagnosis, Erysipelothrix insidiosa, Swine, Turkeys.

22727-68

A NOTE ON THE APPLICATION OF THE CON-GLUTINATING COMPLEMENT ABSORPTION TEST FOR THE DETECTION OF RINDERPEST ANTIBODIES.

G Singh T S Gulrajani Cur Sci 37(7):203-204 05 Apr 1968 475 SC123

Antibodies, Complement, Rinderpest, Serodiagnosis, Serological tests.

IMMUNISATION WITH STAPHYLOCOCCAL CELL WALLS AGAINST MASTITIS.

L Singleton G W Ross R A Stedman K V

J Comp Pathol 77(3):279-291 REF Jul 1967 41.8 J82

Cell wall, Goats, Immunization, Livestock diseases, Mastitis, Staphyloeoeeus.

SOME STUDIES ON PIGEON POX VIRUS IN TISSUE CULTURE

I M H Sokkar H El-Dahaby A H El-Sabbagh J Vet Sci U A R 4(1):91-96

1967 S0F604.016

Methodology, Pigeonpox virus, Tissue culture.

FOWL POX--A COSTLY DISEASE CHEAPLY PREVENTED.

K J Staples

S Australia J Agr 70(4):132-134

Nov 1966 23 SO84

Fowlpox vaccines, Fowlpox virus, Immunization, Poultry diseases, Virus diseases (animals).

PATHOLOGY OF PNEUMONIA IN INTENSIVE-LY-REARED CALVES.

R G Stevenson

J Comp Pathol 77(3):263-269 REF

Jul 1967 41.8 J82

Beef eattle, Livestock diseases, Morphology, Pneumonia.

22732-68

HYDATIDS LIMITATION PROGRAMME--TESTING RESULTS.

Tasmanian J Agr 38(2):138 May 1967 23 T182T

Dogs, Echinococcosis, Surveys.

22733-68

FLUORESCENT ANTIBODY STUDIES OF VIBRIO FETUS: STAINING CHARACTERISTICS IN SEMEN, PREPUTIAL EXUDATE, AND PURE CULTURE.

L K Taul A L Kleekner

Amer J Vet Res 29(3):711-715 REF

Mar 1968 41.8 AM3A

Cattle, Fluoreseent antibody technic, Methodology, Semen, Serological tests, Vibrio.

22734-68

A TOXIC FUNGUS (SCLEROTIUM ROLFSII) ISOLATED FROM GROUNDNUTS.

M Terblanche C J Rabie

S Afr J Agr Sci 10(1):253-262 REF

Mar 1967 24 SU3

Corn, Livestock, Mycotoxicosis, Peanuts, Sclerotium rolfsii.

22735-68

SEROLOGICAL INVESTIGATIONS CONCERNING THE INCIDENCE OF LEPTOSPIRAL INFECTION AMONG THE PERSONNEL EM-

PLOYED IN THE CARE OF ANIMALS IN SOME ZOOTECHNICAL FARMS. (FR.)

VI Topeiu S Levin J Dragan I Radu

Arch Gesamte Virusforsch 26(2):309-318 REF Jun 1967 448.3 AR22

Antibodies, Epidemiology, Leptospira, Occupational diseases, Serological tests. Russian, German. and English abstracts

SKIN NECROSES IN PIGS CAUSED BY GR VIREX. (GE.)

D Urbaneek A Heinig

Riems Isl Friedrich-loeffler Inst Arh 1-5

1967 41 9 R44

Antisepties, Caleium hydroxide, Livestock diseases, Necrosis, Skin, Sodium carbonate, Swine. Russian and English summaries reprint: Monthly Journal for Veterinary Medicine, Jena, East Germany vol. 22 no.9, 1967

22737-68

TWO MORPHOLOGICALLY DIFFERENT TYPES OF LYMPHOCYTES IN CATTLE. (GE) DIFFERENT D Urbaneek

Riems Isl Friedrich-loeffler Inst Arb 795-800 REF 1967 41.9 R44

Cattle, Livestock diseases, Lymphocytes, Lymphocytosis, Morphology. Russian and English summa-ries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.3, 1967

22738-68

THE BEHAVIOR OF MACRONUCLEOLAR AND POLYNUCLEOLAR LYMPHOCYTES IN BOVINE LEUKOSIS. (GE.)

D Urbaneck W Wittmann

Riems Isl Friedrich-loeffler Inst Arb 1469-1476

1967 41.9 R44

Cattle, Leukosis, Livestoek diseases, Lymphatic system, Lymphocytes. Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22739-68

CLINICAL AND PATHOLOGICAL ASPECTS OF HOG CHOLERA IN GRIEVING PHYSICALLY SUB-STANDARD PIGS. (GE)

D Urbaneek R Kokles D Schmidt E Wittmann H Bergmann

Riems Isl Friedrich-loeffler Inst Arb 1443-1459 RFF

1967 41.9 R44

Hog cholera, Livestock diseases, Swine. Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.6, 1967

22740-68

OCULAR TOXOPLASMOSIS IN CATS.

S J Vainisi L H Campbell

Amer Vet Med Ass J 154(2):141-152 REF 15 Jan 1969 41.8 AM3

Cats, Histology, Retina, Serological tests, Toxoplasmosis.

22741-68

EFFECT OF LYSOGENICITY ON THE VIRU-LENCE OF BACILLUS ANTHRACIS.

T Vera L C Grumbles T E Franklin P F Jungerman

Amer J Vet Res 29(5):1059-1066 REF

May 1968 41.8 AM3A

Baeillus anthraeis, Baeteriophages, Mice, Mortali-

22742-68

ELECTRON-MICROSCOPIC FINDINGS IN THE LINGUAL MUCOSA OF HEALTHY AND FOOT-AND-MOUTH DISEASED CATTLE. (GE) W Vetterlein

Riems Isl Friedrich-loeffler Inst Arb 731-746 REF 1967 41 9 R44

Cattle, Electron microscopes, Foot-and-mouth disease, Mucous membrane, Tongue, Virus diseases (animals). Russian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no. 3, 1967 22743-68

STUDY OF SHEEPPOX VIRUS SYNTHESIS BY FLUORESCENT ANTIBODY TECHNIQUE.

J D Vigario F P Ferraz

Amer J Vet Res 28(124).809-813 REF

May 1967 41.8 AM3A

Fluorescent antibody technic, Sheep, Sheeppox virus, Synthesis, Tissue culture.

AVIAN LEUKOSIS FROM THE POINT OF VIEW OF AVIAN VIRAL TUMORS,

K Vogel

Riems Isl Friedrich-loeffler Inst Arh 1-72 1967 41.9 R44

Avian leukosis complex, Neoplasms, Poultry, Virus diseases (animals). English summary copy of Progress Reports for Agriculture vol. 5 no.9, 1967

22745-68

ON THE QUESTION OF LATENT VIRUS IN-FECTIONS IN WILD-LIVING SMALL MAM-MALS (INSECTIVORES AND RODENTS), SECOND COMMUNICATION: ISOLATION OF MURINE ENCEPHALOMYELITIS VIRUSES. (GE)

S Wagner R Kokles W Wittmann

Riems Isl Friedrich-loeffler Inst Arh 1037-1047 REF

Encephalomyelitis, Encephalomyelitis, Insectivora, Mammals, Rodents, Virus diseases (animals), Wildlife. Rus-Mammals. sian and English summaries reprint: Archive for Experimental Veterinary Medicine vol. 21 no.4,

22746-68

BLOOD TRANSFUSIONS DURING PATENT BOVINE ANAPLASMOSIS.

E.I. Williams, E.W. Jones

Amer J Vet Res 29(3):703-710 REF

Mar 1968 41.8 AM3A

Anaplasmosis, Blood transfusions, Cattle, Immunity, Serological tests.

STUDIES ON THE PROBLEMS ASSOCIATED WITH THE ACTIVATION OF LATENT OR IN-APPARENT SALMONELLOSES BY MEANS OF VACCINATION AS WELL AS ON THE POSSI-BILITY OF SIMULTANEOUS VACCINATION AGAINST SALMONELLOSIS AND SWINE FEVER. (GE)

E Wittmann D Schmidt H Bergmann Riems Isl Friedrich-loeffler Inst Arb 1-11 REF 1967 41.9 R44

Hog cholera, Immunization, Livestock diseases. Parasitism, Research, Salmonellosis, Swine. Russian and English summaries reprint: Monthly Journal for Veterinary Medicine, Jena. East Germany vol. 22 no.5, 1967

22748-68

FURTHER INVESTIGATIONS OF THE QUESTION OF LATENT RABIES INFECTION IN FOXES. (GE.)

W Wittmann R Kokles

Riems Isl Friedrich-loeffler Inst Arb 165-173 REF 1967 41.9 R44

Antigens, Foxes, Immunity, Rabies, Research, Virus diseases (animals). Reprint: Archive for Experimental Veterinary Medicine vol. 21

22749-68

ROUTES ELIMINATION ERYSIPELOTHRIX INSIDIOSA FROM IN-FECTED SWINE.

R L Wood

Amer J Vet Res 28(125):925-936 REF

Jul 1967 41.8 AM3A Bacterial diseases (animals), Erysipelothrix insidiosa, Injections, Swine.

EXPERIMENTAL INFECTIOUS CANINE HEPATITIS. V. THE EFFECT OF RETICULO-ENDOTHELIAL BLOCKADE. N G Wright

J Comp Pathol 77(3):331-337

Jul 1967 41.8 J82

Animal diseases, Cortisone, Dogs, Guinea pigs, Infectious canine hepatitis, Reticuloendothelial system, Temperature.

22751-68

ELECTRON MICROSCOPIC STUDIES ON VESICULAR EXANTIIEMA OF SWINE VIRUS: INTRACYTOPLASMIC VIRAL CRYSTAL FOR-MATION IN CULTURED PIG KIDNEY CELLS. Y C Zee A J Hackett S H Madin

Amer J Vet Res 29(5):1025-1032 REF

May 1968 41.8 AM3A

Cytology, Electron microscopy, Swine, Tissue eulture. Vesicular exanthema virus (swine).

ARTHROPODS

22752-68

22752-08
STABILIZATION OF AQUEOUS SOLUTIONS
OF THE INSECT CHEMOSTERILANT M-XYLOHYDROQUINONE VITAMIN C.

K R S Ascher N Avdat

Experientia 23(8):679-680 REF

15 Aug 1967 475 EX7

Ascorbie acid, Chemical control (insects), Chemosterilants, Hydroquinone, Musca domestica.

22753-68

THREE NEW SPECIES OF BIRD MITES (ANALGOIDAE) PARASITES OF PROCELLARIIFORMES. (FR)

V Cerny

Folia Parasitol 14(1):87-91

Feb 1967 436 8 C33

Aearina, Birds, Insect taxonomy, Parasitic mites. English abstract

22754-68

TICK PARALYSIS CALIFORNIA LIVESTOCK.

E C Loomis R B Bushnell

Amer J Vet Res 29(5):1089-1093 MAP REF

May 1968 41.8 AM3A

California, Dermacentor occidentalis, Livestoek diseases, Tick paralysis.

22755-68

TICKS (IXODOIDEA) OF DOMESTIC ANIMALS IN IRAQ; SPRING AND EARLY SUMMER INFESTATIONS IN THE LIWAS OF BAGHDAD, KUT, AMARA, AND BASRA.

J Robson J M Robb

J Med Entomol 4(3):289-293

10 Aug 1967 421 J828

Insect dissemination, Insect identification, 1xodides, Livestoek, Meteorology, Surveys.

PARASITES

22756-68

EXPERIMENTAL INFECTIONS OF OSTER-TAGIA OSTERTAGI IN CALVES: RESULTS OF TWO REGIMENS OF MULTIPLE INNOCULA-

N Anderson J Armour W F H Jarrett F W Jennings J S D Ritchie

Amer J Vet Res 28(125):1073-1077

Jul 1967 41.8 AM3A

Biochemistry, Cattle, Injections, Ostertagia.

22757-68

PARASITIC NEMATODES OF BIRDS OF THE ORDER COLYMBIFORMES CZECHOSLOVAKIA.

V Barus D Zajicek

Folia Parasitol 14(1):73-85 REF Feb 1967 436.8 C33

Birds, Nematodes, Taxonomy.

THE RELATION BETWEEN THE LIVER RESERVES OF VITAMIN A AND SOME IN-TESTINAL PARASITES IN DOKKI 4 CHICKS. (B). IN CHICKS INFESTED WITH ASCARIDIA GALLI.

A A Bassiouni I A El Hatw M A El Ezz

J Vet Sci U A R 4(1):43-47

1967 S0F604 016

Ascaridae, Chickens, Liver, Parasitism, Sanitation, Vitamin a.

STANDARDIZED CHEMOTHERAPEUTICAL TESTS FOR IMMATURE AND MATURE FASCIOLA HEPATICA INFECTIONS IN

J C Boray F A Happieh

Australian Vet J 44(2):72-78 REF

Feb 1968 41.8 AU72

Anthelminties, Carbon tetraehloride, Drug therapy, Fasciola, Livestock diseases, Sheep.

22760-68

LEPTOSPIROSIS IN WILD ANIMALS. THE LEPTOSPIROSIS IN WILD ANIMALS, THE ISOLATION OF A STRAIN OF LEPTOSPIRA CANICOLA FROM AN ARMADILLO (CHAETOPHRACTUS VILLOSUS). (SP) R A Caechione E S Cascelli E S Martinez J M Zueberbuhler

Argent Repub Inst Nac Zoonosis Ser Tec (N

s)36:51-55

elish summary

1966 41.9 AR36 Antibodies, Leptospira eanicola, Leptospira icterohaemorrhagiae, Leptospirosis, Wildlife. En-

22761-68

THE EFFECTS OF EXPERIMENTAL MICROASCARIDIC INFECTIONS BY ASCARIS SUUM IN GUINEA PIGS SUBJECTED TO TOTAL BODY X- IRRADIATION LD 50/30. (IT) L Casarosa G Macchioni V Favati A Marconeini Arch Vet Ital 18(6):455-470 REF 31 Dec 1967 41.8 AR25

Asearis lumbricoides suum, Dosage, Guinea pigs, Irradiation, Larvae, Parasitology, Tables (data), X-

rays. English, French, German summary.

22762-68 RECENT TECHNIQUES FOR THE SERODIAG-NOSIS OF HUMAN AND ANIMAL HYDATIDO-SIS. III. EVIDENCE OF INDIRECT HEMAG-GLUTINATION (HAI). (sp)

J G Castro

Rev Iberica Parasitol 28(2,APR-JUN):189-249 Jun 1968 436.8 R32

Echinococeosis, Hemagglutination-inhibition test, Methodology, Serodiagnosis.

THE NUMBER OF AELUROSTRONGYLUS AB-STRUSES LARVAE REQUIRED TO PRODUCE PULMONARY DISEASE IN THE CAT.

J M Hamilton

J Comp Pathol 77(3):343-346

Jul 1967 41.8 J82

Aelurostrongylus abstrusus, Cats, Heart, Larvae, Parasitism, Verminous bronchitis.

A STABLE PHOSPHORUS COMPOUND IN THE BODY-WALL MUSCLE OF ASCARIS LUMBRI-COIDES.

I Kubistova D Seth I. Mikulikova Folia Parasitol 14(2):97-105 REF

May 1967 436.8 C33 Ascaris lumbricoides, Muscles, Phosphorus compounds.

22765-68

PROPHYLACTIC THERAPY AGAINST THE DEVELOPING STAGES OF DIROFILARIA IMMITIS: SUPPLEMENTAL STUDIES.

S Kume I Ohishi S Kobayashi Amer J Vet Res 28(125):975-978 Jul 1967 41.8 AM3A

Diethylearbamazine, Dirofilaria immitis, Dogs, Drug therapy.

STUDIES ON EIMERIA MIVATI IN CHICKENS AND A COMPARISON WITH EIMERIA ACER-VULINA.

P.L. Long

J Comp Pathol 77(3):315-325 REF

Jul 1967 41.8 J82

Chickens, Coccidiosis, Eimeria acervulina, Eimeria miyati Parasitism Research.

INVESTIGATIONS CONCERNING THE IMMU-NOBIOLOGICAL DIAGNOSIS OF HEL-MINTHIASIS BY MEANS OF SIMULTANEOUS INTRADERMAL TESTS WITH SEVERAL DIF-FERENT PARASITE ANTIGENS. (FR)

Gh Lupaseo D Panaiteseo A Haeig P Solomon J Tintareanu

Arch Gesamte Virusforsch 26(2):279-284 REF Jun 1967 448.3 AR22

Antigens, Cystieereus, Faseiola, Helminthiasis, Immunodiagnosis, Skin tests, Trichinella spiralis. Russian, German, and English abstracts

CONTROLLED TEST OF ANTHELMINTIC AC-TIVITY OF TRICHLORFON AND THIABENDAZOLE IN LAMBS, WITH OBSER-VATIONS ON OESTRUS OVIS.

ET Lyons J H Drudge F W Knapp Amer J Vet Res 28(125):1111-1116 REF

Jul 1967 41.8 AM3A

Drug therapy, Lambs, Oestrus ovis, Thiazolyl)-benzimidizole, 2-(4-, Trichlorfon.

SHAPE DEVIATIONS IN EGGS OF ASCARIS LUMBRICOIDES.

H Lysek

Folia Parasitol 14(4):381-383

Nov 1967 436.8 C33

Animal morphology, Asearis lumbrieoides, Eggs, Histology.

22770-68

BIRD ECTOPARASITES FROM SOUTH FARALLON ISLAND, CALIFORNIA.

A G Marshall B C Nelson J Med Entornol 4(3):335-338 REF

10 Aug 1967 421 J828

Birds, Insect dissemination, Parasitism, Research.

CONTROL OF COCCIDIOSIS IN POULTRY. PATENT 3,422,200.

E F Rogers R L Clark

Us Patent Office Offic Gaz 858(2):604

14 Jan 1969 156.65 OF2

Anthelmintics, Coceidiosis, Livestock diseases, Patents, Poultry.

22772-68

EFFECT OF THE LEVO FORM OF TETRAMIS-OLE ON OSTERTAGIA, TRICHOSTRONGY-LUS, AND COOPERIA IN CATTLE.

R Rubin C P Hibler

Amer J Vet Res 29(3):545-548

Mar 1968 41.8 AM3A

Anthelmintics, Biochemistry, Cattle, Chemical control (nematodes), Cooperia, Ostertagia, Trichostrongylidae.

22773-68

ROUND WORMS IN PIGS.

A F Rvan

Tasmanian J Agr 38(4):277-280

Nov 1967 23 T182T

Anthelmintics, Asearis lumbricoides, Piperazine, Swine.

The life cycle of Ascaris lumbricoides and the pathology of infested lung and liver tissue of swine are discussed. Piperazine compounds are recommended for safe and effective treatment.

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ACTIVE IMMUNITY AGAINST TRICHOS-TRONGYLUS AXELIN SHEEP AND RABBITS. P K Sinha

Amer J Vet Res 28(124):793-798 REF

May 1967 41.8 AM3A

Immunity, Irradiation, Rabhits, Sheep, Trichostrongylidae.

CONTRIBUTION TO THE HISTOCHEMISTRY OF THE CUTICLE AND CUTICULAR STRUCTURES OF TREMATODES.

J Slais Z Zdarska

Folia Parasitol 14(4):311-318 REI-

Nov 1967 436.8 C33

Cuticle. Echinostoma, Fasciola hepatica. Histochemistry.

THE LOCATION OF THE PARASITES IN MUSCLE CYSTICERCOSIS.

J Slais

Folia Parasitol 14(3):217-223 REF

Sep 1967 436.8 C33

Cattle, Cysticercus, Muscles, Parasitism, Swine.

HEMATOLOGIC CHANGES AND CLINICAL SIGNS OF TRICHINOSIS IN PIGS.

A C Strafuss W J Zimmermann

Amer J Vet Res 28(124):833-838 REF

May 1967 41.8 AM3A

Diagnosis, Eosinophils, Swine, Trichinella spiralis, Trichinosis

22778-68

INFECTIVITY OF ANAPLASMA MARGINALE IN BOVINE BLOOD AFTER PROLONGED FREEZING.

W A Summers

Amer J Vet Res 28(124):880-882

May 1967 41.8 AM3A

Anaplasma, Blood, Cattle, Deer, Freezing, Glycerol, Mortality.

INVESTIGATION OF THE HELMINTHOFAU-NA OF BEASTS OF PREY. (CZ)

J Tomanek

Czecli Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(4):253-257 REF

Apr 1968 41.9 C333

Animals, Cestoda, Helminthiasis, Livestock, Nematodes, Research, Trichinella, Wildlife, English and Russian and German summary.

COMPARATIVE EVIDENCE WITH DICHLOR-VOS AND DERIVATIVES OF PIPERAZINE IN THE ASCARIDOSIS OF THE PIG. (SP.)

J M T Vilas

Rev Iberica Parasitol 28(2,APR-JUN):171-176

Jun 1968 436.8 R32

Anthelmintics, Ascaris, Dichlorvos, Piperazine, Swine. English abstract

22781-68

EFFECT OF TEMPERATURE AND CULTURAL METHODS ON DEVELOPMENT OF THE FREE-LIVING STAGES OF TRICHOSTRONGY-LUS COLUBRIFORMIS.

G T Wang

Amer J Vet Res 28(125):1085-1090 REF

Jul 1967 41.8 AM3A

Culture media, Eggs. Larvae, Temperature, Trichostrongylidae.

22782-68

SURVIVAL OF INFECTIVE LARVAE OF THE CATTLE NEMATODES, COOPERIA PUNCTATA, TRICHOSTRONGYLUS AXEI, AND OESOPHAGOSTOMUM RADIATUM.

J C Williams R L Mayhew Amer J Vet Res 28(124):629-640 May 1967 41.8 AM3A

Cattle, Cooperia punctata, Larvae, Mortality, Oesophagostomum, Soil surveys, Trichostrongylidae.

COMMODITY PROTECTION

STORAGE DISEASES

22783-68

SOME STORAGE DISEASES OF FRUITS.

M P Srivastava R N Tandon

Cur Sci 37(10):292 20 May 1968 475 SCI23

Anthracnose, Fruit, Scab, Storage diseases.

Symptoms and insect vectors of the following fruit storage diseases are discussed: Anthracnose, Aspergillus rot, and scab.

ARTHROPODS

22784-68

FUMIGANTS IN INDIA.

B K Desai

Pesticides 1(9):19-21

May 1968 S0B951.0P43

Cotton, Fumigants, Peanuts, Stored products.

TERMITE CONTROL MEASURES IN BUILD-ING CONSTRUCTION.

J George

Pesticides 1(8):13-14

Apr 1968 S0B951.0P43

Aldrin, Benzene hexachloride, Buildings, Chlordane, Chlorinated hydrocarbons, Dieldrin, DDT, Heptachlor, Insect control, Insecticides, Soil sanitation, Termite-proofing.

22786-68

INSECTS COST US MONEY.

F B Pearson

S Australia J Agr 70(4):143

Nov 1966 23 SO84

Chemical control (insects), Costs, Insect pests, Storage diseases, Stored products, Wheat.

Economic losses caused by insects in Australian grain storage and marketing are discussed.

MITES AS HOUSE VERMIN AND STORAGE PESTS IN NORTHWEST GERMANY. (GE) G Rack

Hamburg Zool Staatsinst Zool Mus Entomol Mitt 3(62):1-19 REF

15 Nov 1968 421 H17

Catalogs, Mites, Stored products.

RODENTS AND OTHER PESTS

22788-68

SYMPTOMS AND CHARACTERISTICS OF PRATYLENCHUS BRACHYURUS INFESTA-TION ON STORED POTATOES.

H Koen W L Hogewind

S Afr J Agr Sci 10(2):543-550

Jun 1967 24 SU3

Cold storage, Potatocs, Pratylenchus, Storage discases.

MICROBIAL CONTAMINATION

22789-68

ISOLATION SALMONELLA FROM NORTHERN TERRITORY CATTLE.

J M Bruce B Hart

Australian Vet J 44(2):80 Feb 1968 41.8 AU72

Food contamination, Salmonella, Slaughterhouses.

ENVIRONMENTAL CONTAMINATION

22790-68

PERSISTENCE OF HERBICIDES IN PONDED WATER AND SOILS.

P A Frank R D Comes E B Hollingsworth Weed Soc Amer Abstr 1966 MEETING:88 1966 241 W41

D, 2,4-, Dichlobenil, Fenac, Herbicide residues. Paraquat, Ponds, Soil contamination, Water pollu-

EFFECTS OF SOIL APPLIED TRIFLURALIN ON FISH PRODUCTION IN POOLS.

J M Lawrence

Weed Soc Amer Abstr 1966 MEETING:89-90 1966 241 W41

Aquatic weeds, Dosage, Fish, Herbicides, Plant physiology, Reproduction, Soils, Trifluralin.

22792-68

FIELD INVESTIGATIONS AGAINST HERBICIDES. OF **CLAIMS**

P Marvin

1966 MEETING:78

1966

Cattle, D, 2,4-, Herbicide residues, Plant injuries. Poisoning, Poisonous plants. About half the claims of herbicidal damage are erroneous.

22793-68

PERSISTANCE OF TRIFLURALIN IN SOIL.

L R Oliver R E Frans

Weed Soc Amer Abstr 1966 MEETING:3

1966 241 W41

Biological assay, Herbicides, Loam, Soil contamination, Sorghum, Trifluralin.

RESIDUES

STUDIES ON PESTICIDE RESIDUES. 2. CARBARYL RESIDUES IN THE BODY TISSUES AND MILK OF CATTLE FOLLOWING DERMAL APPLICATION.

1 S Aurwood

Queensland J Agr Anim Sci 24(1):69-74 REF Mar 1967 23 Q37

Carbaryl, Cattle, Chemical analysis, Insecticide residues, Milk.

22795-68

METHYL PARATHION ADSORBED ON THE SKIN AND BLOOD CHOLINESTERASE LEVELS OF PERSONS CHECKING COTTON TREATED WITH ULTRALOW-VOLUME SPRAYS.

S J Nemce P L Adkisson H W Dorough J Econ Entomol 61(6):1740-1742

16 Dec 1968 421 J822

Adsorption, Blood analysis, Cholinesterases, Cotton, Insecticide residues, Methyl parathion, Skin, Spraying, Toxicology.

22796-68

PENETRATION AND ACCUMULATION OF FENURON IN FOREST SOILS.

R D Shipman 66(12):910-912

Dcc 1968

Biological assay, Fenuron, Forest soils, Herbicide residues, Oats, Soil texture.

PESTICIDE RESIDUES IN DIARY PRODUCE. Tasmanian J Agr 38(4):318-319

Nov 1967 23 T182T

Dairy products, DDT, Food contamination, Insecticide residues, Lindane, Pastures, Pest control.

TOXICOLOGY

22798-68

CONTROL OF THE ACTION OF CHEMICAL MOLLUSCICIDES ON ZOOPHYTIC ASSOCIA-TIONS IN FRESH WATER. (FR)

R Deschiens

Acad Sci Compt Rend Ser D Sci Nat 266(18, 1ST SEMESTER):1860-1861

29 Apr 1968 505 P21

Algae, Aquatic animals, Molluscacides, Pesticide residues, Toxicity

THE INFLUENCE OF BEE VENOM ON THE OSMOTIC FRAGILITY OF YOUNG RABBIT

1 Hort

Cur Sci 37(10):271-274 REF 20 May 1968 475 SCI23

Bee venom, Erythrocytes, Hemolysis, Rabbits.

ACTION OF DDT ON THE PERIPHERAL NER-VOUS SYSTEM OF THE GRASS FROG RANA PIPIENS.

P A Isaacson

Cur Sci 37(18):530-531

20 Sep 1968 475 SC123

DDT. Frogs, Nervous system, Toxicology.

INVESTIGATION OF THE TOXICITY OF FUN-GICIDAL AEROSOLS TO LATE BLIGHT (PHYTOPHTORA INFESTANS (MONT.)DE BARY) UNDER LABORATORY CONDITIONS.

V Koula

Czech Min Zemed Statnim Ustav Vedeckotech Inform Ved Pr 11:187-196 REF 1967 19.5 C3332

Aerosols, Biochemistry, Biological laboratories, Fungicides, Phytophthora infestans, Research, Toxicology, English, German, and Russian summa-

22802-68

PESTICIDES USE AND HEALTH HAZARDS.

P R Mehta

Pesticides 1(6):15-22

Feb 1968 S0B951.0P43

Accident prevention, Pesticides, Public health, Safety education.

22803-68

ON REPRODUCTION STUDIES AND THE OC-**CURRENCE OF CATARACTS IN RATS AFTER** LONG-TERM FEEDING OF THE INSECTICIDE HEPTACHLOR.

Experientia 23(1):42-43

15 Jan 1967 475 EX7

Cataracts, Heptachlor, Rats, Reproduction, Toxicology.

PLANT PHYSIOLOGY & BIOCHEMISTRY

22804-68

EFFECT OF SEVERAL HERBICIDES ON THE PROTEOLYTIC ACTIVITY IN SQUASH.

F M Ashton D Penner

Weed Soc Amer Abstr 1966 MEETING:48

1966 241 W41

Atrazine, Dicamba, Dichlobenil, Enzymes, Fenac, Herbicides, Isopropyl N-(3-chlorophenyl)carbamate, Monuron, Picloram, Plant biochemistry, Winter squash.

THE INFLUENCE OF ROOTED AQUATIC PLANTS ON THE DISSOLVED OXYGEN CONTENT OF WATER.

P G Beasley J M Lawrence

Weed Soc Amer Abstr 1966 MEETING:90

1966 241 W41

Aquatic weeds, Eichhornia crassipes, Fish, Nitella. Oxygen, Plant water relations, Potamogeton crispus, Temperature, Water.

22806-68

SURFACTANT TOXICITY TO PLANT TISSUES. G A Buchanan D W Staniforth

Weed Soc Amer Abstr 1966 MEETING:44-45

1966 241 W41

Beets, Biological assay, Cells, Corn, Elodca, Plant physiology, Plants, Roots, Seed germination, Soybeans, Surface-active agents, Tissues.

THE ACTION OF SEVERAL INHIBITORS ON THE RESPIRATION OF PLANT TISSUES TREATED WITH GIBBERELLIC ACID. (FR.)

D Courtrez

Bruxelles Univ Phys Veg Ann 13(3):53-81 REF 1968 451 B833

Gibberellic acid, Plant biochemistry, Plant regulators, Plant respiration, Potatoes.

DODDER: POTENTIAL RESEARCH TOOL.

J H Dawson

Weed Soc Amer Abstr 1966 MEETING:35

1966 241 W41

Bromacil, Cuscuta, Diuron, Ethyl NNdipropylthiolcarbamate, Herbicides, biochemistry, Research, Simazine, Trifluralin. Plant

PLANT INSECTICIDES.

B V Deshpande

Pesticides 1(8):11-12

Apr 1968 S0B951.0P43

Insecticidal plants, Insecticides, Plant extracts.

22810-68

INTERACTIONS BETWEEN ATRAZINE RESIDUE AND FOUR HERBICIDES: AMIBEN, CDAA, LINURON, AND TRIFLURALIN.

W G Espinoza R S Adams R W Behrens Weed Soc Amer Abstr 1966 MEETING:53-54

1966 241 W41

Amiben, Atrazine, Chloro-N,N-diallylacetamide, Herbicide residues, Herbicides, Humidity, Light, Linuron, Plant physiology, Soybeans, Temperature, Trifluralin.

USE OF LABORATORY EVALUATIONS FOR AQUATIC HERBICIDES AND ALGICIDES.

G P Fitzgerald R P Howmiller

Weed Soc Amer Abstr 1966 MEETING:91 1966 241 W41

Algae, Algicides, Aquatic weeds, Biological assay, Chelation, Chemical control (wceds), Copper, Detergents, Fish, Herbicides, Lemna minor, Plant physiology.

22812-68

PRODUCTION OF ETHYLENE BY SWEET POTATO ROOTS INFECTED BY BLACK ROT FUNGUS.

H Imaseki T Teranishi I Uritani Plant Cell Physiol 9(4):769-781 REF

Dec 1968 450 P699

Black rot, Ceratocystis, Ethylene, Fungus diseases (plants), Roots, Sweet potatoes.

22813-68

SITES OF INCORPORATION OF TRITIUM URIDINE IN THE PARENCHYMA CELLS OF HEALTHY LEAVES AND LEAVES INFECTED WITH YELLOW MOSAIC TURNIP VIRUS, OF BRASSICA CHINESIS. (FR)

D Lafleche J M Bove

Acad Sci Compt Rend Ser D Sci Nat 266(18, 1ST SEMESTER):1839-1841

29 Apr 1968 505 P21

Autoradiography, Chinese cahbage, Cytology, Electron microscopy, Isotopes, Uridine, Yellow mosaic (turnins).

METHOD FOR MODIFYING THE GROWTH CHARACTERISTICS OF PLANTS. PATENT 3.421.881.

LK Leasure D R Mussell

Us Patent Office Offic Gaz 858(2):546

14 Jan 1969 156.65 OF2

Biochemistry, Patents, Plant physiology, Plant

22815-68

PARTITIONING AND DISTRIBUTION OF HER-BICIDES IN SPINACH CHLOROPLASTS.

T J Monaco D E Moreland

Weed Soc Amer Abstr 1966 MEETING:46

1966 241 W41

Chloroplasts, Herbicides, Hill reaction, Plant biochemistry, Plant translocation, Prometryne, Propanil, Simazine, Spinach.

PARTITIONING AND DISTRIBUTION OF HER-BICIDES IN SPINACH CHLOROPLASTS.

T J Monaco D E Moreland

Weed Soc Amer Abstr 1966 MEETING:33

1966 241 W41

Chloroplasts, Herbicides, Hill reaction. Photochemistry, Plant biochemistry, Prometryne, Propanil, Simazine, Spinach.

INHIBITION OF THE HILL REACTION OF ISOLATED CHLOROPLASTS BY AMIDE-CON-TAINING HERBICIDES.

D E Moreland T J Monaco

Weed Soc Amer Abstr 1966 MEETING:33,45

1966 241 W41

Amides, Chloroplasts, Colorimetry, Herbicides, Hill reaction, Peas, Plant biochemistry.

EFFECT OF SUCROSE, AUXINS AND GIB-BERELLIC ACID ON ROOTING OF STEM SEGEMNTS OF POPULUS NIGRA UNDER VARYING LIGHT CONDITIONS.

K K Nanda A N Purohit K Mehrotra Plant Cell Physiol 9(4):735-743 REF

Dec 1968 450 P699

Gibberellic acid, Light, Plant hormones, Populus nigra, Roots, Sucrose.

UTILIZATION OF 14C METABOLITES, IN-CORPORATION OF 32P AND CHANGES IN RESPIRATION OCCURRING IN LEAVES FROM DALAPON TREATED BEANS.

Weed Soc Amer Abstr 1966 MEETING:50 1966 241 W41

Adenosine triphosphates, Autoradiography, Beans, Biochemistry, Carbon isotopes, Chromatography, Dalapon, Herbicides, Leaves, Metabolites, Photosynthesis, Phosphorus isotopes, physiology, Plant respiration, Radioactive tracers.

22820-68

TRANSLOCATION OF HERBICIDES IN AMER-PONDWEED ICAN (POTAMOGETON NODOSUS POIR.).

D E Seaman T M Thomas

Weed Soc Amer Abstr 1966 MEETING:65

1966 241 W41

Autoradiography, Autoradiography, Carbon isotopes, Elodea canadensis, Herbicides, Metabolites, Photosynthesis, Plant biochemistry, Plant translocation, Potamogeton nodosus, Radioactive tracers, Surface-active agents.

C02:02 RATIOS IN RELATION TO WEED SEED GERMINATION.

G D Sclls D W Staniforth

Weed Soc Amer Abstr 1966 MEETING:59

1966 241 W41

Carbon dioxide, Oxygen, Polygonum pensylvanicum, Seed dormancy, Seed germination, Setaria faberii, Setaria lutescens, Setaria viridis, Soil profiles, Temperature, Weeds.

22822-68

THE INFLUENCE OF VOLATILE 2,4-D UPON ZINNIAS, SNAPDRAGONS, AND OTHER BEDDING PLANTS AS AFFECTED BY OTHER GASES SUCH AS SO2 AND NH3.

C H Sherwood E L Denisen

1966 MEETING:68

1966

Ammonia, Antirrhinum, D, 2,4-, Gascs, Ornamental plants, Plant biochemistry, Plant injuries, Sulfur dioxide.

22823-68

PENETRATION AND DISTRIBUTION STUDIES IN BEAN, COTTON AND BARLEY FROM FOLIAR AND ROOT APPLICATIONS OF TWEEN 20-C14 (FATTY ACID AND OXYETHYLENE LABELED).

L W Smith C L Foy

Weed Soc Amer Abstr 1966 MEETING:64

1966 241 W41

Barley, Beans, Carbon isotopes, Chromatography, Cotton, Foliar application, Plant translocation, Roots, Surface-active agents.

22824-68

EFFECTS OF AFTER-RIPENING AND GIB-BERELLIC ACID ON THE THERMOINDUC-BERELLIC ACID ON THE THERMOINDUCTION OF SEED GERMINATION IN SOLANUM MELONGENA.

Y Suzuki N Takahashi

Plant Cell Physiol 9(4):653-660 REF

Dec 1968 450 P699

Eggplant, Gibberellic acid, Sced germination, Tcmperature.

22825-68

ISOLATION AND SOME PHYSIOLOGICAL PROPERTIES OF NATURAL PLANT GROWTH INHIBITORS.

R Turetskaya V Kcfeli M Kutacek K Vackova N Tschumakovski

Biol Plant 10(3):205-221 REF

May 1968 450 B52

Cabbage, Corn, Peas, Plant biochemistry, Plant growth inhibitors, Salix.

TRANSLOCATION AND PERSISTENCE OF DICAMBA IN CANADA THISTLE, TARTARY BUCKWHEAT, QUACKGRASS AND KENTUCKY BLUEGRASS.

W H Vandendorn

Weed Soc Amer Abstr 1966 MEETING:62 1966 241 W41

Agropyron repens, Carbon isotopes, Chemical control (weeds), Chromatography, Cirsium arvense, Defoliation, Dicamba, Dosage, Fagopyrum tataricum, Pesticide application, Plant biochemistry, Plant physiology, Plant translocation, Poa pratensis, Radioactive tracers.

HERBICIDE PERSISTENCE WITH DIFFERENT INCORPORATORS.

A F Wiese

Weed Soc Amer Abstr 1966 MEETING:52 1966 241 W41

Amaranthus retroflexus, Atrazine, Chemical control (weeds), Diuron, Dosage, Herbicide residues, Norea, Pesticide application, Prometryne, Propazine, Soil sanitation, Trifluralin, Wheat.

CHEMISTRY

22828-68

BIS-SULFONYL DIHALOMETHANES AS FUN-GICIDES AND BACTERICIDES. PATENT 3,426,138.

D R Baker

Us Patent Office Offic Gaz 859(1):282

04 Feb 1969 156.65 OF2

Bactericides, Chemistry, Fungicides, Halogen compounds, Patents, Sulfonic acid compounds.

TRIAZINES. PATENT 3,423,409.

H M Blatter

Us Patent Office Offic Gaz 858(3):946

21 Jan 1969 156.65 OF2

Chemistry, Patents, Triazines.

22830-68

ADSORPTION OF HERBICIDES TO PROTEINS.

N D Camper D E Moreland

Weed Soc Amer Abstr 1966 MEETING:32,46 1966 241 W41

Adsorption, Chemistry, Chlorine, D, 2,4-, Diuron, Herbicides, Proteins, Trichlorobenzoic acid, 2,3,6-.

22831-68

FUNGICIDAL COMPOSITIONS CONTAINING COPPER BIS-DIMETHYL ACRYLATE. PATENT 3,426,132.

H Frensch

Us Patent Office Offic Gaz 859(1):281

04 Fcb 1969 156.65 OF2

Chemistry, Copper bis(dimethyl) acrylate, Fungicides, Patents.

22832-68

PROCESS OF KILLING FUNGI, BACTERIA OR NEMATODES. PATENT 3,422,197.

K R Molt 1 Hechenbleikner

Us Patent Office Offic Gaz 858(2):604

14 Jan 1969 156.65 OF2

Bacteria, Chemistry, Fungi, Nematodes, Patents, Pesticides.

WATER DISPERSIBLE POWDERED PESTI-CIDE CONCENTRATES. PATENT 3,421,882. E P Ordas

Us Patent Office Offic Gaz 858(2):546 14 Jan 1969 156.65 OF2

Chemistry, Patents, Pesticides, Water.

22834-68

NEW HERBICIDES ANALYZED AT THE IN-STITUTO BIOLOGICO DURING THE YEARS OF 1966, 1967 AND 1968. (POR)

J R Piedade L Leiderman

Biologico 34(9):209-211

Sep 1968 442.8 B529

Chemical analysis, Herbicides. English abstract

ACARICIDAL COMPOSITION CONTAINING N-SUBSTITUTED AND UNSUBSTITUTED ALKYL AND ALKENYL-2-DIMETHYLAMINO-BENZHYDRYLCARBAMATES. PATENT 3,422,199.

S B Richter D P Mayer

Us Patent Office Offic Gaz 858(2):604

14 Jan 1969 156.65 OF2

Acaricides, Carbamates, Chemistry, Nitrogen, Patents, Pesticides.

22836-68

PESTICIDAL PREPARATIONS AND COM-POUNDS. PATENT 3,423,470.

O Rohr A Hubele

Us Patent Office Offic Gaz 858(3):956

21 Jan 1969 156.65 OF2

Chemistry, Patents, Pesticides.

22837-68

PESTICIDAL PREPARATION AND METHOD OF USE. PATENT 3,421,883.

O Rohr

Us Patent Office Offic Gaz 858(2):546-547

14 Jan 1969 156.65 OF2

Chemistry, Patents, Pesticide application, Pesticides.

ENGINEERING

22838-68

MAINTENANCE AND USE OF CONTROLLED ENVIRONMENT CHAMBERS.

W A Gentner

Weed Soc Amer Abstr 1966 MEETING:67

1966 241 W41

Chambers, Environment, Equipment, Main-

22839-68

NEW EQUIPMENT DEVELOPED BY THE CORPS OF ENGINEERS FOR USE IN AQUATIC WEED CONTROL.

C F Zeiger

Weed Soc Amer, Abstr 1966 MEETING:93

1966 241 W41

Aquatic weeds, Boats, D, 2,4-, Eichhornia crassipes, Equipment, Spraying equipment, Weed control.

INDUSTRY

ECONOMICS

22840-68

SOME NOTES ON THE SHORT-TERM AND LONG-TERM ECONOMICS OF PEST CON-TROL.

G Ordish

Pans (pest Articles News Sum) Sect A Insect Contr 14(3):343-355

Aug 1968 423.92 G798

Agriculture, Economics, Pest control, Time.

THRESHOLD VALUES IN THE ECONOMICS OF INSECT PEST CONTROL IN AGRICUL-TURE.

E Sylven

Pans (pest Articles News Sum) Sect A Insect Contr 14(3):356-366 REF

Aug 1968 423.92 G798

Agriculture, Economics, Insect control, Pest control.

SUBSISTENCE AGRICULTURE: CROP PRO-TECTION IN SUBSISTENCE AGRICULTURE.

K Tan

Pans (pest Articles News Sum) Sect A Insect Contr 14(3):397-402 REF Aug 1968 423.92 G798

Agriculture, Economics, Plant protection.

EDUCATION

22843-68

SAFE HANDLING OF PESTICIDES.

R D Rooproy

Pesticides 1(8):15-16

Apr 1968 S0B951.0P43

Accident prevention, Pesticides, Safety education.

22844-68

CZECHOSLOVAK AND SOVIET PARASITOLO-HISTORY, INTERRELATIONS AND WORK.

B Rosicky

Folia Parasitol 14(4):289-294 Nov 1967 436.8 C33

History, Parasitology.

REGULATIONS

22845-68

WHERE DO WE STAND ON SAFE USE OF PESTICIDES.

F H Dale

Weed Soc Amer Abstr 1966 MEETING:78-79 1966 241 W41

Accident prevention, Environment, Fish, Herbicides, Labeling, Pesticides, Public health, Safety education, Wildlife.

22846-68 NEW LEGAL BASES IN PLANT PROTECTION. (GE)

E Gersdorf

Prakt Schadlingshekampfer 20(6):91-93

Jun 1968 421 P882

Biochemistry, Dosage, Insecticides, Legislation, Plant protection.

22847-68 WE HAVE THE MOST MODERN PLANT PROTECTION LAW IN THE WORLD. (GE) E Leib

Prakt Schadlingshekampfer 20(4):37

Apr 1968 421 P882

Legislation, Plant protection, World agricultural situation.



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