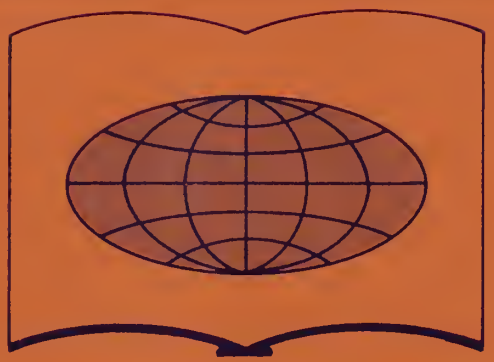


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Pesticides DOCUMENTATION BULLETIN

U.S. DEPARTMENT OF AGRICULTURE
Pesticides Documentation Bulletin
January 3, 1969
U.S. GOVERNMENT PRINTING OFFICE



Volume 5
January 3, 1969

Number 1



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PESTICIDES DOCUMENTATION BULLETIN

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Volume 5
January 3, 1969
Number 1

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.

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

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Other Files

In addition to the citations contained in the Bulletin, the Pesticides Information Center maintains two other files, the INTREDIS Register and the Herbicides Data File.

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

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

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

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ACKNOWLEDGMENT

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

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

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

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

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B W Hayes M J James D W Beardsley

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R R Askew

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J Aubert

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J Barou

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E Biliotti

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F Bolland

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J Bourgogne

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Insect taxonomy, Oreopsyche, Psychidae. Continuation and will be continued. 8 species of Oreopsyche are discussed.

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P Capdeville

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W Eglin-dederer

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Inocellia keiseri, Insect taxonomy, Raphidia aloysiana, Sialis nigripes, Zoogeography.

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Boreidae, Boreus hiemalis, Boreus westwoodi, Insects, Zoogeography.

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J Hecq
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A Lcgrain

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A Lcgrain
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Apamea pabulatricula, Insect taxonomy, Noc-
tuidae, Zoogeography. Listing of all specimens
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HUNTING AT NIGHT AT LOSHEIMER-
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A Lcgrain
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Insect collection, Insect taxonomy, Lepidoptera,
Zoogeography. Listing of the more interesting
specimens which were caught.
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A GOOD REGION: BARVAUX S/OURTHE. (FR)
A Lcgrain
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Insect collection, Lepidoptera. Author lists the
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J Monro
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Atherigona, Diptera, Insect rearing, Muscidae, Su-
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W Quednau
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Bears, Insect behavior, Insect outbreaks, Lyman-
tridae, Plant hosts, Populus, Stilpnotia salicis.
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L G Sarlet
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M Skuhrava
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Cecidomyiidae, Gall-making insects, Insect taxon-
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Lygaeidae, Rhyparochrominae, Zoogeography. Ar-
ticle to be continued.
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H de Toulgoet
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Arctiidae, Celama centonalis littoralis, Insect tax-
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A Villiers
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Cerambycidae, Dejanira, Insect taxonomy, Zoogeography.

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J M. Warlet

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Sep 1968 241.75 P69

Elateridae, Insect behavior, Sex attractants, Sugar beets, Valeric acid. Science, vol. 159, Jan. 12, 1968, p.208-209.

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U S D A Leaf (548):8P

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Accident prevention, Carbaryl, Chemical control (insects), Diazinon, Dimethoate, Epilachna varivestis, Insect morphology, Insect pests, Insecticide application, Insecticides, Integrated control (insects), Malathion, Methoxychlor, Spraying.

57-69

FOREST INSECTS. (GE)

G Amann

284P REF MELSUNGEN, VERLAG J.

NEUMANN-NEUDAMM

1965 SB761.A4 1965

Coleoptera, Forest insects, Hymenoptera, Insect identification, Lepidoptera. Listing and description of many insects.

58-69

THE BIOCHEMISTRY AND MODE OF ACTION OF BACILLUS THURINGIENSIS BERLINER AND ITS VARIETIES.

T A Angus

Entomophaga Mem Hors Ser (2):165-173 REF

1964 421 EN835M

Bacillus thuringiensis, Biochemistry, Biological control (insects), Insect diseases, Toxins. French summary.

59-69

THE MEASUREMENT AND INTERRELATIONSHIPS OF INFECTIONS WITH NOSEMA APIS AND MALPIGHAMOEBA MELLIFICAE OF HONEY-BEE POPULATIONS.

L Bailey

J Invertebrate Pathol 12(2):175-179 REF

Nov 1968 421 J826

Apis mellifera, Insect diseases, Malpighamoeba mellificae, Measurement, Nosema apis, Nosema disease, Population.

60-69

NOTES ON ENTOMOPHTHORACEOUS FUNGI IN POLAND.

A Batka

Entomophaga Mem Hors Ser (2):129-131 REF

1964 421 EN835M

Entomogenous fungi, Entomophthoraceae, Insect diseases. French summary

61-69

NEUROSECRETION IN DOLICHOPODA GENICULATA COSTA: OBSERVATIONS ON PARS INTERCEREBRALIS AND ON THE RETROCEREBRAL ENDOCRINE SYSTEM. (IT)

P Battaglini

Accad Naz Ital Entomol Atti 10:105-112 REF

1962 420 AC2

Dolichopoda geniculata, Endocrine glands, Glands (insects), Insect morphology, Nervous system, Secretion. English summary.

62-69

THE PRESENT STATUS OF MILKY DISEASE OF JAPANESE BEETLE IN CONNECTICUT.

R L Beard

Entomophaga Mem Hors Ser (2):47-49

1964 421 EN835M

Bacillus popilliae, Insect behavior, Insect diseases, Insect genetics, Milky disease, Popillia japonica. French summary.

63-69

CYTOLOGY OF MILKY DISEASE BACTERIA. II. MORPHOGENESIS OF BACILLUS POPILLIAE IN VITRO.

S H Black

J Invertebrate Pathol 12(2):158-167 REF

Nov 1968 421 J826

Bacillus popilliae, Bacteria, Culture media, Cytology, Insect diseases, Milky disease, Research.

64-69

CYTOLOGY OF MILKY DISEASE BACTERIA. I. MORPHOGENESIS OF BACILLUS POPILLIAE IN VIVO.

S H Black

J Invertebrate Pathol 12(2):148-157 REF

Nov 1968 421 J826

Bacillus popilliae, Bacteria, Culture media, Cytology, Insect diseases, Larvae, Milky disease, Morphology, Popillia japonica.

65-69

VITAMIN A DEFICIENCY: EFFECT ON MOSQUITO EYE ULTRASTRUCTURE.

J D Brammer R H White

Science 163(3869):821-823

21 Feb 1969 470 SC12

Aedes aegypti, Cells, Deficiency diseases, Diet, Experimental insects, Eyes, Insect anatomy, Vitamin a.

66-69

THE FATE OF IMMATURE HOUSEFLY POPULATIONS AT LOW AND HIGH DENSITIES.

E H Bryant R R Sokal

Res Population Ecol 9(1):19-44

Jun 1967 420 K99

Eggs, Experimental insects, Insect physiology, Larvae, Musca domestica, Population, Pupae. Japanese summary.

67-69

THE METHODS OF TITRATION AND THE STANDARDIZATION OF BACILLUS THURINGIENSIS BERLINER PREPARATIONS. (FR)

A Burgerjon

Entomophaga Mem Hors Ser (2):255-262 REF

1964 421 EN835M

Bacillus thuringiensis, Dosage, Insecticides, Methodology, Mortality, Toxins. English summary.

68-69

STUDY OF THE SOLUBLE HEAT-STABLE TOXIN IN VARIOUS STRAINS OF BACILLUS THURINGIENSIS BERLINER. (FR)

A Burgerjon H de Barjac

Entomophaga Mem Hors Ser (2):221-226

1964 421 EN835M

Bacillus thuringiensis, Biochemistry, Biological assay, Heat, Insects, Mortality, Serological tests, Toxins. English summary. 25 strains of Bacillus thuringiensis are studied.

69-69

THE EXCRETION OF NITROGEN IN INSECTS.

E Bursell

Advances Insect Physiol 4:33-67 REF

1967 420 AD9

Amino acids, Ammonia, Insect physiology, Nitrogen, Urea.

70-69

IMAGE FORMATION AND SENSORY TRANSMISSION IN THE COMPOUND EYE.

E T Burt W T Catton

Advances Insect Physiol 3:1-52 REF

1966 420 AD9

Arthropoda, Compound eye, Eyes, Insect physiology, Vision.

71-69

BIOLOGICAL NOTES ON EYE-FREQUENTING MOTHS FROM NORTH THAILAND.

W Buttiker

Schweiz Entomol Ges Mitt 39(3/4):151-179 MAP REF

15 Apr 1967 420 SW6

Geometridae, Insect behavior, Insect biology, Insect ecology, Insect taxonomy, Lycaenidae, Noctuidae, Parasitism, Pyralidae, Zoogeography.

72-69

SOME EXPERIENCES WITH THE USE OF BACILLUS THURINGIENSIS BERL. AGAINST FOREST PESTS. (GE)

M Capek A Heskova

Entomophaga Mem Hors Ser (2):337-339

1964 421 EN835M

Bacillus thuringiensis, Biological control (pests), Choristoneura murinana, DDT, Dosage, Forest insects, Porthetria dispar, Tree diseases. English summary.

73-69

AMINO ACID AND PROTEIN METABOLISM IN INSECT DEVELOPMENT.

P S Chen

Advances Insect Physiol 3:53-132 REF

1966 420 AD9

Amino acids, Insect genetics, Insect metabolism, Insect morphology, Insect physiology, Proteins.

74-69

INTERNATIONAL COLLOQUIUM ON INSECT PATHOLOGY AND MICROBIOLOGICAL CONTROL. (FR)

Entomophaga Mem Hors Ser (2):566P

1964 421 EN835M

Biological control (insects), Conferences, Insect diseases.

75-69

FEEDING BEHAVIOR AND NUTRITION IN GRASSHOPPERS AND LOCUSTS.

R H Dadd

Advances Insect Physiol 1:47-109 REF

1963 420 AD9

Acrididae, Feeding, Food, Grasshoppers, Insect behavior, Insect nutrition, Insect physiology, Nutrition.

76-69

SPECIES DIFFERENCES IN SCARAB-PASTURE RELATIONSHIPS.

R L Davidson R J Roberts

Bull Entomol Res 58(PT 2):315-324

Nov 1968 421 B87

Insect behavior, Insect identification, Scarabaeidae, Taxonomy.

77-69

A STUDY PROTEOLYTIC ENZYMES CONTAINED IN THE CHYLE OF PIERIS BRASSICAE AND OF SUBSTANCES ACTIVE ON THE CRYSTAL OF BACILLUS THURINGIENSIS. (FR)

R Debonder M Lecadent

Entomophaga Mem Hors Ser (2):197-203

1964 421 EN835M

Bacillus thuringiensis, Biochemistry, Chyle, Enzymes, Pieris brassicae, Proteins, Toxins. English summary.

78-69

CONTROLLING SOIL INSECTS WITH PARATHION-PENTACHLOROPHENOL COMPOSITIONS. PATENT 3,408,442.

J M Deming

Us Patent Office Offic Gaz 855(5):1379

29 Oct 1968 156.65 OF2

Chemical control (insects), Insect control, Parathion, Patents, Pentachlorophenol, Soil microorganisms, Soils.

79-69

RESIDUAL EFFECT OF A NUMBER OF INSECTICIDES ON ADULTS OF THE CARABID PSEUDOPHONUS RUFIPES (DEJ.).

J. B. M. van Dintner
Entomophaga 8(1):43-48
1963 421 EN835

Carabidae, Carbaryl, Dieldrin, DDT, Harpalus rufipes, Insecticides, Parathion, Residues, Toxaphene. French summary

80-69

CONTRIBUTIONS TO THE KNOWLEDGE OF POLISH SPECIES OF THE GENUS DORATURA J. SHLB. (HOMOPTERA, CICADELLIDAE). (POL)

I Dworakowska
Pol Akad Nauk Inst Zool Ann Zool 25(7):381-401
1968 410.9 W26

Doratura, Insect anatomy, Insect identification, Insect physiology. Russian and English summary

81-69

LONG OR TACTILE SETAE AND THE MICROSCOPIC OR PROPRIOCEPTOR SETAE IN AN HYPOTHETICAL SEGMENT OF LEPIDOPTERA. (SP)

M Etcheverry
Chile Univ Centro Estud Entomol Publ (6):27-32
1964 420 C432

Hair, Insect anatomy, Lepidoptera. English summary.

82-69

THE BIOLOGY OF ORGYIA ANTIQUA (LINAELUS). (LEPIDOPTERA). (FR)

M Etcheverry M T Ramirez
Chile Univ Centro Estud Entomol Publ (6):59-66
REF

1964 420 C432
Insect biology, Insect rearing, *Orgyia antiqua*. English summary.

83-69

THE DEFENSE MECHANISM OF THE CUTICLE OF THE SUNN PEST (EURYGASTER INTEGRICEPS PUT.) AGAINST PLANT MICROORGANISMS. (FR)

A A Evlakhova T A Checkhourina
Entomophaga Mem Hors Ser (2):137-141
1964 421 EN835M

Beauveria bassiana, Cuticle, *Eurygaster integriceps*, Fungicides, Lipids. English summary.

84-69

THE OLIVE FLY, DACUS OLEAE GMEL. AND ITS PARASITES IN CORSICA, IN 1959 AND 1960. (FR)

M Feron R Bcnard S Poitot
Entomophaga 6(3):173-183 REF
1961 421 EN835

Dacus oleae, Insect behavior, Olives, Parasitism, Time. English summary

85-69

PALEARCTIC ENCYRTIDS PARASITES OF PSYLLIDS. (FR)

C Ferriere
Entomophaga 6(1):39-51 REF
1961 421 EN835

Encyrtidae, Insect behavior, Parasitism, Psyllidae. English summary

86-69

PRELIMINARY LABORATORY STUDY ON THE EFFECTS OF X RAYS ON THE FERTILITY OF THE APPLE MOTH (LASPEYRESIA POMONELLA L.). (FR)

A Fossati J Stahl M Baggiolini A Murbach
Switzerland Stat Essais Agr Lausanne Publ 60(3/4):263-269 REF
1968 105.5 SW63

Carpocapsa pomonella, Experimental insects, Fertility, Irradiation, Mutation, Pupae, X-rays. Reprint from Communications of the Swiss Entomological Society, Lausanne, Switzerland.

87-69

BIBLIOGRAPHY OF BIOLOGICAL CONTROL, V. (GE)

J M Franz
Entomophaga 5(4):295-335 REF
1960 421 EN835

Bibliography, Biological control (insects), Entomology. French and English summaries

88-69

BIBLIOGRAPHY OF BIOLOGICAL CONTROL, VI. (GE)

J M Franz
Entomophaga 6(4):277-329
1961 421 EN835

Bibliography, Biological control (insects), Entomology. French and English summaries

89-69

EFFECT OF THE TIME OF DAY AT WHICH HONEYBEE COLONIES ARE FIRST ALLOWED FLIGHT IN A NEW LOCATION ON THEIR CHOICE OF FLOWER SPECIES.

J B Free P M Nuttall
Plant Protect Abs 4:208-209
Sep 1968 241.75 P69

Apis mellifera, Environment, Flowers, Insect behavior, Insect flight, Social insects, Time. Nature, vol. 218, June 8, 1968, p.982.

90-69

MULTIPLE PARASITISM IN DIPAROPSIS WATERSI ROTH. (LEP. AGROTIDAE). (FR)

P F Galichet
Entomophaga 6(3):203-205
1961 421 EN835

Diparopsis watersi, Insect behavior, Lepidoptera, Parasitism. English summary

91-69

ENVIRONMENTAL HUMIDITY AND THE SUSCEPTIBILITY OF LARVAE OF ANAGASTA KUHNIELLA ZELL. TO BACILLUS THURINGIENSIS BERLINER.

N H E Gibson J Wolf
Entomophaga Mem Hors Ser (2):329-336 REF
1964 421 EN835M

Anagasta kuehniella, *Bacillus thuringiensis*, Biological control (insects), Environment, Humidity, Larvae, Mortality, Spores. French summary.

92-69

LIPID METABOLISM AND FUNCTION IN INSECTS.

L I Gilbert
Advances Insect Physiol 4:69-211 REF
1967 420 AD9

Biosynthesis, Hydrocarbons, Insect metabolism, Insect physiology, Isoprenoids, Lipids, Waxes.

93-69

BUTTERFLIES, COLLECTING AND REARING. (GE)

R Gleichauf
154P REF STUTTGART, VERLAG EUGEN
ULMER

1968 QL555.G3G4
Insect biology, Insect collecting equipment, Insect collection, Insect morphology, Insect names, Insect rearing, Insect rearing equipment, Lepidoptera.

94-69

LOOK WHAT'S HAPPENING TO INSECT CONTROL.

M C Goldman
Org Gard Farming 15(9):56-60
Sep 1968 57.8 OR32

Air pollution, Balance of nature, Biological control (insects), Chemosterilants, Environment, Insect diseases, Insect pests, Poisoning, Predaceous insects, Research.

95-69

THE TOXICITY OF INSECTICIDES TO LARVAE OF THE CODLING MOTH, CYDIA POMONELLA (L.). I. INTRINSIC TOXICITY AND PERSISTENCE. (ABSTRACT).

M Gratwick J M Sillibourne R P Tew

Pesticide Progr 5(3):72-73

May 1967 79.8 P434

Apples, Assay, Chemical control (insects), *Cydia pomonella*, Ddt, Insecticide application, Insecticide residues, Larvae, Moths, Toxicology. Abstract taken from Bull. Entom. Res. 56(2):367-376

96-69

THE PROTECTION OF DRIED SEA-FISH FROM INFESTATION BY DERMESTES FRISCHII KUG.

A A Green
Pyrethrum Post 9(2):24-33
Oct 1967 421 P99

Chemical control (insects), *Dermestes frischii*, Dried food, Fish, Food storage, Human nutrition, Insect control, Insecticide application, Insecticide residues, Malathion.

97-69

MELANIN IN AN INSECT, LUCILIA CUPRINA (WIED.).

R H Hackman
Nature 216(5111):163
14 Oct 1967 472 N21

Insect physiology, *Lucilia cuprina*, Melanins, Mutation, Proteins, Pupae.

98-69

METABOLIC CONTROL MECHANISMS IN INSECTS.

W R Harvey J A Haskell
Advances Insect Physiol 3:133-205 REF
1966 420 AD9

Biochemistry, Chromosomes, Enzymes, Insect metabolism, Insect physiology, Insect respiration, Mitochondria, Proteins.

99-69

GENERAL ASPECTS OF BACTERIOLOGICAL CONTROL.

A M Heimpel
Entomophaga Mem Hors Ser (2):23-33 REF
1964 421 EN835M

Biological control (pests), Entomogenous bacteria, Insect pests. French summary.

100-69

TESTS ON STANDARDIZATION OF BACILLUS THURINGIENSIS PREPARATIONS. (GE)

W Herfs A Krieg
Entomophaga Mem Hors Ser (2):263-265
1964 421 EN835M

Bacillus thuringiensis, Biological assay, Dosage, Larvae, Mortality, *Pieris rapae*, *Porthetria dispar*, Sodium arsenate. English summary.

101-69

THE BIOLOGY OF THANATOPSYCHE CHILENSIS (PHILIPPI). (LEPIDOPTERA). (SP)

J Herrera J Carrasco
Chile Univ Centro Estud Entomol Publ (6):33-43
1964 420 C432

Fruit, Insect biology, Insect rearing, Shade trees, *Thanatopsyche chilensis*. English summary.

102-69

SYNTHESIS OF RUBROSTERONE, A METABOLITE OF INSECT-MOULTING SUBSTANCES FROM ACHYRANTHES RUBROFUSCA.

H Hikino Y Hikino T Takemoto
Tetrahedron Lett (40):4255-4256
Aug 1968 385 T29

Achyranthes, Biochemistry, Molting (insects), Rubrosterone, Synthesis.

103-69

A NEW GENUS AND FOUR NEW SPECIES OF APHIDS (HOMOPTERA, APHIDIDAE) FROM POLAND.

S Huculak
Pol Akad Nauk Inst Zool Ann Zool 25(10):425-451

15 Mar 1968 410.9 W26
Aphis berlinskii, *Aphis tacita*, Insect taxonomy, *Neobacillaphis szelgiewiczi*, *Schizaphis dubia*.

- 104-69**
DEVELOPMENTAL CYCLE AND PATHOLOGY OF A MICROSPORIDIOSIS BROUGHT ABOUT BY NOSEMA MELOLONTHAE (KRIEG) COMB. NOV. IN GRUBS OF MELOLONTHA MELOLONTHA (L.) (COL. MELOLONTHIDAE). (GE)
A Huger
Entomophaga Mem Hors Ser (2):83-90
1964 421 EN835M
Grubs, Insect diseases, Melolontha melolontha, Nosema melolonthae. English summary.
- 105-69**
SOME REMARKS ON THE HYDROPHILIA DISEASE OF THE LARVAE OF MELOLONTHA MELOLONTHA C.(COL. SCARABAEIDAE). (FR)
B Hurpin C Vago
Entomophaga 6(3):192-196
1961 421 EN835
Coleoptera, Insect diseases, Larvae, Melolontha melolontha, Rickettsiella, Scarabaeidae. German summary
- 106-69**
EFFECTS OF TEMPERATURE AND WATER ON VIABILITY AND VIRULENCE OF BACILLUS THURINGIENSIS VAR. THURINGIENSIS BERLINER SPORES.
C M Ignoffo
Entomophaga Mem Hors Ser (2):293-298
1964 421 EN835M
Bacillus thuringiensis, Hydrogen-ion concentration, Pectinophora gossypiella, Spores, Temperature, Water. French summary.
- 107-69**
A METHOD FOR COUNTING BACTERIAL CELLS IN THE MIDGUT OF THE SILKWORM LARVAE, BOMBYX MORI L. (JA)
T Iizuka Y Takizawa
J Sericult Sci Jap 37(4):333-336
Aug 1968 425.9 SE6
Bacteria, Bombyx mori, Cells, Larvae, Methodology, Microscopy, Stomach. English summary.
- 108-69**
THE ROLE OF THE INTESTINAL MICROFLORA OF INSECTS IN THE DISEASE DEVELOPMENT BROUGHT ABOUT BY BAC. CEREBUS VAR. GALLERIAE. (FR)
N P Isakova
Entomophaga Mem Hors Ser (2):175-178
1964 421 EN835M
Bacillus cereus, Bacteria, Biological control (insects), Dosage, Galleria mellonella, Insect diseases, Pieris brassicae. English summary.
- 109-69**
THE PRODUCTIVITY OF GLOSSINA AUSTENI NEWST. MAINTAINED ON COP-EARED RABBITS.
A M Jordan C F Curtis
Bull Entomol Res 58(PT 2):399-410 REF
Nov 1968 421 B87
Glossina austeni, Insect physiology, Insect rearing, Rabbits.
- 110-69**
THE BIOCHEMISTRY OF THE INSECT FAT BODY.
B A Kilby
Advances Insect Physiol 1:111-174 REF
1963 420 AD9
Amino acids, Biochemistry, Carbohydrates, Fat body, Insect physiology, Metabolism, Pigments (insect), Proteins, Pteridine, Purines.
- 111-69**
THE FATE OF SPORES OF NOSEMA APIS ZANDER INGESTED BY MUSCOID FLIES.
J P Kramer
Entomophaga Mem Hors Ser (2):95-99
1964 421 EN835M
Apis mellifera, Calliphora vicina, Insect diseases, Musca domestica, Nosema apis, Phormia regina. French summary.
- 112-69**
SIDE EFFECTS OF BACILLUS THURINGIENSIS. THE EFFECTS ON BEES (APIS MEL-LIFERA L.). (GE)
A Krieg W Hcrfs
Entomophaga Mem Hors Ser (2):193-195
1964 421 EN835M
Apis mellifera, Bacillus thuringiensis, Dosage, Insect diseases, Mortality. English summary.
- 113-69**
THE EFFECT OF FEEDING THE TSETSE FLY GLOSSINA MORSITANS WESTW. ON IMPALA BLOOD.
P A Langley
Bull Entomol Res 58(PT 2):295-298
Nov 1968 421 B87
Antelopes, Blood, Feeding, Glossina morsitans.
- 114-69**
COMPARATIVE STUDY OF THE ENZYMATIC HYDROLYSIS OF THE CRYSTALS OF THE STRAINS OF BACILLUS THURINGIENSIS SEROTYPE I BERLINER AND SEROTYPE II ANDUZE. (FE)
M Lecadet D Martouret
Entomophaga Mem Hors Ser (2):205-212
1964 421 EN835M
Bacillus thuringiensis, Chyle, Enzymes, Pieris brassicae, Toxicity. English summary.
- 115-69**
THE CONTROL OF POLYMORPHISM IN APHIDS.
A D Lees
Advances Insect Physiol 3:207-277 REF
1966 420 AD9
Aphididae, Insect physiology, Nomenclature, Polymorphism, Wings (insects).
- 116-69**
LARVAL MOVEMENT OF LASIODERMA SER-RICORNE (F.) (COLEOPTERA ANOBIIDAE) IN A PLANE.
L P Lefkovich
Res Population Ecol 9(1):45-52
Jun 1967 420 K99
Insect migration, Insect physiology, Larvae, Lasioderma serricorne, Population. Japanese summary.
- 117-69**
FLY ENEMIES...YOUR ALLIES.
E F Legner G S Olton
World Farming 10(10):17,25
Oct 1968 30.08 W89
Biological control (insects), Breeding, Diptera, Food, Insect control, Insecticide residues, Parasitism, Predaceous insects.
- 118-69**
COMPLEMENT TO THE STUDY OF THE LARVAL BIOLOGY OF SYMMITICUS COSTATUS LOEW (DIPTERA NEMESTRINIDAE), A GRASSHOPPER PARASITE, AND GENERAL CONSIDERATIONS ON THE BIOLOGY OF NEMESTRINIDAE. (FR)
J-c Leonide
Entomophaga 8(1):7-33 REF
1963 421 EN835
Diptera, Grasshoppers, Host-parasite relations, Insect biology, Larvae, Nemerstrinidae, Parasitic insects, Symmiticus costatus, Tables (data). English summary.
- 119-69**
HYBRIDS OF NEPHOTETTIX IMPICTICEPS ISH. AND N. APICALIS (MOTSCH.) AND THEIR ABILITY TO TRANSMIT THE TUNGRO VIRUS TO RICE.
K C Ling
Bull Entomol Res 58(PT 2):393-398 REF
Nov 1968 421 B87
Insect vectors, Nephotettix apicalis, Nephotettix impicticeps, Rice, Tungro.
- 120-69**
A NEW NOSEMA SP. OF EUPROCTIS CHRYSORRHOEA L.
J J Lipa
Entomophaga Mem Hors Ser (2):77-81
1964 421 EN835M
Diagnosis, Infectious diseases, Insect diseases, Nosema, Nygmia phaeorrhoea. French summary.
- 121-69**
THE OCCURRENCE OF A CRITHIDIA SPECIES WITHIN THE GUT OF THE HONEY BEE, APIS MELLIFICA L.
J Lom
Entomophaga Mem Hors Ser (2):91-92
1964 421 EN835M
Apis mellifera, Insect diseases, Nosema apis, Nosema disease. French summary.
- 122-69**
NEW FACTS CONCERNING THE EXTRUSION OF MICROSPORIDIAN SPORES.
J Lom J Vavra
Entomophaga Mem Hors Ser (2):101-103
1964 421 EN835M
Biological control (pests), Electron microscopy, Insect diseases, Microsporidia, Spores. French summary.
- 123-69**
EFFECTS OF TEMPERATURE AND PHOTOPERIOD ON LARVAL DEVELOPMENT IN LESTES EURINUS (ODONATA: LESTIDAE).
P E Lutz
Ecology 49(4,SUMMER):637-644 REF
1968 410 EC7
Insect physiology, Larvae, Lestes eurinus, Light, Odonata, Temperature.
- 124-69**
SOME THOUGHTS ON THE TAXONOMY OF BACILLUS THURINGIENSIS BERLINER.
O Lysenko
Entomophaga Mem Hors Ser (2):239-244
1964 421 EN835M
Bacillus thuringiensis, Insect diseases, Taxonomy, French summary.
- 125-69**
CAN ONE RECONCILE THE CONTROL OF SAN JOSE SCALE (QUADRASPIDIOTUS PERNICIOSUS COMST.) WITH THE FIGHT AGAINST THE CARPOCAPSA (CARPOCAPSA POMONELLA L.). (FR)
G Mathys
Switzerland Stat Essais Agr Lausanne Publ (781):2P
Feb 1967 105.5 SW63
Aspidiotus perniciosus, Carpopapsa, Chemical control (insects), Dichlorvos, Insecticide application, Larvae, Parathion, Phosphoric acid esters. Extract from Romand Agriculture, ser a, 6(2):24-26, 1967.
- 126-69**
INFESTATION OF EMULSION PAINT BY THE FLY MEGASCLIA SCALARIS (LOEW) (DIPT., PHORIDAE).
A W R McCrae
Entomol Mon Mag 102(1229-1231):241-243
Oct 1966 421 EN86
Feeding, Insect adaptation, Megasclia scalaris, Paints, Phoridae.
- 127-69**
MORPHOLOGICAL AND BIOLOGICAL INVESTIGATIONS ON CLONES AND FIELD POPULATIONS OF THE FOXGLOVE-APHID, AULACOROTHUM SOLANI KLTB. 1843 SENSU LATIORE (HEMIPT. APHID.). (GE)
W Meier
Schweiz Entomol Ges Mitt 39(3/4):129-150
15 Apr 1967 420 SW6
Aulacorthum solani, Clones, Insect biology, Insect morphology, Plant hosts, Population, Tables (data). English summary.
- 128-69**
THE REGULATION OF BREATHING IN INSECTS.
P L Miller
Advances Insect Physiol 3:279-354 REF

1966 420 AD9

Insect flight, Insect physiology, Respiration, Spiracles, Trachea, Ventilation.

129-69

CONCERNING SOME ASPECTS OF TISSUE NOURISHING GALL MITES. (FR)

C Moha

Marcellia 34(2):67-91 REF

Jun 1967 421 M33

Cell division, Cytology, Cytoplasm, Eriophyidae, Gall-making insects, Plant galls, Plant nutrition, Plasmolysis, Tissues.

130-69

THE CHANGE IN VOLTINISM IN BOMBYX MORI L., BY INJECTION OF EITHER ADRENALIN OR INSULIN. (PRELIMINARY NOTE).

S Morohoshi T Ohkuma

J Sericult Sci Jap 37(4):274-280

Aug 1968 425.9 SE6

Biochemistry, Bombyx mori, Epinephrine, Food poisoning, Hormones, Injections, Insect eggs, Insulin, Metabolism. Japanese summary.

131-69

INSECT MYCOLOGY: GLIMPSES AND PERSPECTIVES. (GE)

E Muller-Kogler

Entomophaga Mem Hors Ser (2):111-124 REF

1964 421 EN835M

Biological control (pests), Entomogenous fungi, Fungicides, Insect diseases, Insecticides, Microclimate, Soil moisture, Soil temperature. English summary.

132-69

THE PROPERTIES OF INSECT AXONS.

T Narahashi

Advances Insect Physiol 1:175-256 REF

1963 420 AD9

Insect physiology, Insecticides, Nerves, Properties.

133-69

INTEGUMENTAL PIGMENTS OF THE MILIPEDE, POLYDESMUS ANGUSTUS (LATZEL).

A E Needham

Nature 217(5132):975-977

09 Mar 1968 472 N21

Absorption spectra, Biochemistry, Color, Insect morphology, Pigments (insect), Polydesmus, Porphyrins, Tissues.

134-69

CHITIN ORIENTATION IN CUTICLE AND ITS CONTROL.

A C Neville

Advances Insect Physiol 4:213-286 REF

1967 420 AD9

Chitin, Cuticle, Insect physiology.

135-69

THE EFFECTIVE BREADTH AND ACTION OF TEMIK. (EXPERIENCES FROM GERMANY). (GE)

H H Nolle A Schneider

Pflanzenschutzberichte 38(3/4):33-45

Jun 1968 464.9 P48

Acaricides, Carbamates, Chemical control (insects), Chemical control (nematodes), Humidity, Humus, Insecticides, Nematocides, Soil series, Soil temperature, Temik. English summary.

136-69

THE USE OF MICRO-ORGANISMS FOR THE CONTROL OF INSECT PESTS.

J R Norris

Chem Indus (46):1941-1945

18 Nov 1967 382 M31C

Bactericides, Beauveria bassiana, Biological control (insects), Bombyx mori, Fungus diseases (insects), Insect diseases, Insecticides, Microbiology, Microorganisms, Pest control, Virus diseases (insects).

137-69

OBSERVATIONS ON THE REPRODUCTION OF HEMITARSONEMUS LATUS (BANKS) (ACARINA TARSONEMIDAE). (IT)

A Nucifora

Accad Naz Ital Entomol Atti 10:142-153 REF

1962 420 AC2

Hemitarsonemus latus, Insect behavior, Mites, Reproduction, Scx behavior. English summary

138-69

ON THE ACCESSORY GLANDS OF THE MALE REPRODUCTIVE APPARATUS OF DOLICHOPODA GENICULATA COSTA (ORTHOPTERA, RAPHIOPHORIDAE). (IT)

E Onesto

Accad Naz Ital Entomol Atti 10:91-95

1962 420 AC2

Dolichopoda geniculata, Glands (insects), Insect anatomy, Insect histology, Insect morphology, Reproductive organs. French summary.

139-69

EFFECT OF SUPERPARASITISM ON THE DEVELOPMENT, SEX RATIO AND PROGENY OF BRACON GREENI ASHMEAD.

L M Pramanik M K Choudhury

Entomophaga 8(1):83-86

1963 421 EN835

Bracon greeni, Ectoparasites, Eulemma amabilis, Insect biology, Lac, Tables (data). French summary.

140-69

RESISTANCE CAPACITY OF TICKS AGAINST STARVATION UNDER LABORATORY CONDITIONS.

T S Rao

Andhra Agr J 15(1):29-30

1968 34.2 AN4

Buffaloes, Cattle, Hyalomma aegyptium, Rhipicephalus sanguineus, Starvation.

141-69

FROM GRASSHOPPER TO A LOCUST.

Y S Rathore V N Upadhyaya

Allahabad Farmer 42(1):47-50 REF

Jan 1968 22 ALS

Acrididae, Color, Grasshoppers, Insect behavior, Insect pests, Population, Social insects.

142-69

LABORATORY TESTS OF BACILLUS THURINGIENSIS BERLINER PREPARATIONS AGAINST LARVAE OF CARPOCAPSA (LASPEYRESIA POMONELLA L.). (FR)

R Roehrich

Entomophaga Mem Hors Ser (2):309-314

1964 421 EN835M

Bacillus thuringiensis, Biological control (insects), Carpopapsa pomonella, Dosage, Insect nutrition, Larvae, Mortality. English summary.

143-69

THE PRINCIPAL PARASITES OBSERVED ON THE LEAF ROLLER MOTHS OF SPAIN WITH PARTICULAR ATTENTION TO LYMANTRIA DISPAR. L. (SP)

N Romanyk A Ruperez

Entomophaga 5(3):229-236 REF

1960 421 EN835

Insect behavior, Parasitism, Porthetria dispar, Tortricidae. French summary

144-69

THE CHITIN/PROTEIN COMPLEXES OF INSECT CUTICLES.

K M Rudall

Advances Insect Physiol 1:257-313 REF

1963 420 AD9

Chitin, Cuticle, Electron microscopes, Insect physiology, Proteins, X-rays.

145-69

PATHOLOGIC COMPLICATIONS DURING THE LARVAL DEVELOPMENT OF LYMANTRIA DISPAR IN THE LABORATORY. (FR)

A Ruperez

Entomophaga Mem Hors Ser (2):37-40

1964 421 EN835M

Antibiotics, Bacterial diseases (insects), Insect diseases, Insect morphology, Larvae, Porthetria dispar. English summary.

146-69

BITING CYCLES AND PARITY OF THE MOSQUITO MANSONIA (MANSONIOIDES) UNIFORMIS (THEO.) IN CEYLON.

W A Samarawickrama

Bull Entomol Res 58(PT 2):299-314 MAP REF

Nov 1968 421 B87

Diurnal rhythm, Insect behavior, Mansonia uniformis, Zoogeography.

147-69

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

L G Sarlet

Lambillionea 66(5/6):45-48

25 Apr 1967 420 N15

Hesperiidae, Insect eggs, Lepidoptera, Reviews. Continuation from a previous issue and to be continued.

148-69

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

L G Sarlet

Lambillionea 66(11/12):99-102

25 Dec 1967 420 N15

Insect eggs, Lepidoptera, Reviews. Continuation from a previous issue and to be continued.

149-69

ON ARTHROPOD DEFENSIVE SECRETIONS XXV. ANTHRANILIC ACID AS A PRECURSOR OF GLOMERIN AND HOMOGLOMERIN, ALKALOIDS FROM ARTHROPODS. (GE)

H Schildknecht W F Wenneis

Tetrahedron Lett (19):1815-1818 REF

May 1967 385 T29

Alkaloids, Anthranilic acid, Arthropoda, Biochemistry, Insect behavior, Secretion.

150-69

NOTONECTA BOREALIS BUENO AND HUSSEY (HEM., NOTONECTIDAE): A FLIGHTLESS SPECIES.

G G E Scudder

Entomol Mon Mag 102(1229-1231):258-259

REF

Oct 1966 421 EN86

Environment, Insect adaptation, Insect flight, Insect migration, Notonectidae.

151-69

PRE-GRAVID PHASE OF OVARIAN DEVELOPMENT IN AEDES DETRITUS HALIDAY.

M W Service

Nature 217(5129):681-682

17 Feb 1968 472 N21

Aedes detritus, Blood, Feeding, Insect eggs, Insect morphology, Metamorphosis, Oogenesis, Ovaries, Tables (data).

152-69

OSMOTIC AND IONIC REGULATION IN INSECTS.

J Shaw R H Stobbart

Advances Insect Physiol

1963 420 AD9

Aquatic insects, Insect physiology, Ions, Osmosis.

153-69

A MODEL OF THE PLANT-TO-PLANT MOVEMENT OF APHIDS. I. DESCRIPTION OF THE MODEL.

M Shiyomi

Res Population Ecol 9(1):53-61

Jun 1967 420 K99

Aphididae, Barley, Frequency distribution, Insect behavior, Insect migration, Rhopalosiphum maidis, Statistical analysis, Zoogeography. Japanese summary.

- 154-69**
CONSIDERATIONS ON THE TOXIC AND LABILE SUBSTANCE PRODUCED BY BACILLUS THURINGIENSIS VAR. THURINGIENSIS BERLINER (LABILE EXOTOXIN).
 W A Smirnoff
Entomophaga Mem Hors Ser (2):249-254
 1964 421 EN835M
Bacillus thuringiensis, Diprionidae, Mortality, *Pristiphora erichsonii*, Tenthredinidac, Toxins. French summary.
- 155-69**
FUNCTIONAL ASPECTS OF THE ORGANIZATION OF THE INSECT NERVOUS SYSTEM.
 D S Smith J E Treherne
Advances Insect Physiol 1:401-484 REF
 1963 420 AD9
 Insect physiology, Muscles, Nervous system.
- 156-69**
COMPUTING A POPULATION BUDGET FROM SEQUENTIALLY SACRIFICED, REPLICATED CULTURES.
 R R Sokal E H Bryant
Res Population Ecol 9(1):10-18
 Jun 1967 420 K99
 Experimental design, Insect eggs, Larvae, *Musca domestica*, Population statistics, Pupae, Statistical methods. Japanese summary.
- 157-69**
THE EFFECTS OF INSECTICIDES ON THE INTERRELATIONSHIP BETWEEN APHIS FABAE SCOP. AND SOME OF ITS EPISITES. (GE)
 R Sol
Entomophaga 6(1):7-33 REF
 1961 421 EN835
Aphis fabae, Biochemistry, Insect behavior, Insecticides. English summary
- 158-69**
A MICROSPORIDIAN, THELOHANIA SP., PATHOGENIC FOR THE CABBAGE LOOPER TRICHOPLUSIA NI.
 C M Splittstoesser F L McEwen
J Invertebrate Pathol 12(2):231-237
 Nov 1968 421 J826
 Dosage, *Hyalophora cecropia*, Insect diseases, Mortality, *Thelohania*, *Trichoplusia ni*.
- 159-69**
A NEW CONTRIBUTION TO THE STUDY OF THE CABBAGE MOTH CONTROL (MAMESTRA BRASSICAE L.). (SE)
 A Stankovic D Camprag R Skulic D Varga M Glozanski M Vrgov
Agrohemija (516):207-216 REF
 1968 385 AG87
 Biochemistry, Biological control (insects), *Cercospora beticola*, Chemical control (insects), Experimental insects, Insecticides, *Mamestra brassicae*, Parasitism, Research, Sugar beets. English summary.
- 160-69**
BIONOMICS AND ECOLOGY OF EPHEDRUS PULCHELLUS STELFOX AN IMPORTANT PARASITE OF LEAF-CURLING APHIDS IN CZECHOSLOVAKIA WITH NOTES ON THE DIAPAUSE (HYM. APHIDIIDAE).
 P Stary
Entomophaga 7(2):91-100
 1962 421 EN835
 Aphididae, Biological control (insects), *Ephedrus persicae*, Insect biology, Insect ecology, Larvae, Parasitic insects. French summary..
- 161-69**
INVESTIGATIONS CONCERNING THE BIOLOGICAL CONTROL OF THE APPLE MOTH (CARPOCAPSA POMONELLA (L.)) BY MEANS OF EGG PARASITES OF THE GENUS TRICHOGRAMMA. (GE)
 W Stein
Entomophaga 5(3):237-259 REF
 1960 421 EN835
 Biological control (insects), *Carpocapsa pomonella*, Insect behavior, Insect eggs, Parasitism, Research, *Trichogrammatidae*. English summary
- 162-69**
DIAGNOSIS: A CENTRAL PILLAR OF INSECT PATHOLOGY.
 E A Steinhaus
Entomophaga Mem Hors Ser (2):7-21
 1964 421 EN835M
 Diagnosis, Insect diseases, International cooperation, Laboratories, Symptomatology. French summary
- 163-69**
STRUCTURE OF CYASTERONE, A NOVEL C29 INSECT-MOULTING SUBSTANCE FROM CYATHULA CAPITATA.
 T Takemoto Y Hikino K Nomoto H Hikino
Tetrahedron Lett (50):5136
 Dec 1967 385 T29
 Carbon isotopes, Cyasterone, *Cyathula capitata*, Insect behavior, Insect physiology. This article is to correct an error found in *Tetrahedron Letters* (33):3191-3194, 1967.
- 164-69**
A MATHEMATICAL MODEL FOR TWO TRIBOLIUM POPULATIONS IN COMPETITION.
 N W Taylor
Ecology 49(5,SUMMER):843-848 REF
 1968 410 EC7
 Insect behavior, Mathematics, Models, Population, *Tribolium*.
- 165-69**
OBSERVATIONS AND STUDIES ON EX-TOMOPHAGOUS FUNGI IN HUNGARY. (FR)
 G Ubrizsy J Voros
Entomophaga Mem Hors Ser (2):125-128
 1964 421 EN835M
 Biological control (pests), Entomogenous fungi, *Hyphantria cunea*, Insect diseases, *Leptinotarsa decemlineata*. English summary.
- 166-69**
A DEFENSE MECHANISM IN ONYCHIURUS (COLLEMBOLA, ONYCHIURIDAE).
 M B Usher R A Balogun
Entomol Mon Mag 102(1229-1231):237-238
 Oct 1966 421 EN86
 Collembola, Insect behavior, Insect tropism, *Onychiuridae*, Predaceous mites, *Veigaia*.
- 167-69**
APPLICATION OF BETA-PROPIOLACTONE ON THE REARING OF THE SILKWORM, BOMBYX MORI L. (JA)
 S Utsumi M Kitano M Onishi K Kurisu C Yamaguchi Y Ichikawa
J Sericult Sci Jap 37(3):207-212
 Jun 1968 425.9 SE6
 Antiseptics, Biochemistry, *Bombyx mori*, Hydracrylic acid beta-lactone, Insect diseases, Insect physiology, Insect rearing, Microorganisms, Spraying.
- 168-69**
CULTURES OF INSECT TISSUES WITH THE AID OF MAMMALIAN SERUM. (FR)
 C Vago S Chastang
Entomophaga 7(2):175-179
 1962 421 EN835
 Lepidoptera, Mammals, Reproductive organs, Serum, Tissue culture. English summary.
- 169-69**
ELECTRON MICROSCOPIC STUDY OF THE INTRACELLULAR RICKETTSIA PATHOGENESIS USING MELOLONTHA MELOLONTHA L. (FR)
 C Vago O Croissant
Entomophaga 5(4):271-283 REF
 1960 421 EN835
 Electron microscopes, Insect biology, *Melolontha melolontha*, Research, *Rickettsial* diseases.
- 170-69**
THE EFFECT OF BIOCLIMATE ON THE COMMUNICATION SYSTEM OF NIGHT-FLYING MOTHS.
 V J Valli P S Callahan
Int J Biometeorol 12(2):99-118 REF
 May 1968 340.8 IN8
 Carbon dioxide, Climate, Communications, Infrared rays, Insect anatomy, Insect biology, Insect flight, Light traps, Moths, Ozone, Radiation, Temperature. German and French summary
- 171-69**
ELECTROPHORETIC SEPARATION OF THE HEMOLYMPH PROTEINS IN THE SILKWORM, BOMBYX MORI L., INFECTED WITH THE NUCLEARPOLYHEDROSES VIRUS. (JA)
 H Watanabe R Kobara M Hosaka
J Sericult Sci Jap 37(4):319-322
 Aug 1968 425.9 SE6
Bombyx mori, Electrophoresis, Fat body, Insect diseases, Insect physiology, Polyhedroses, Proteins, Viruses. English summary.
- 172-69**
RESPONSES OF APHIDS TO PRESSURE APPLIED TO LIQUID DIET BEHIND PARAFILM MEMBRANE LONGEVITY AND LARVIPOSITION OF MYZUS PERSICAE (SULZ.) AND BREVICORYNE BRASSICAE (L9) (HOMOPTERA: APHIDIIDAE) FEEDING ON SUCROSE AND SINIGRIN SOLUTIONS.
 C H Wearing
New Zealand J Sci 2(1):105-121, REF
 Mar 1968 514 N482
Brevicoryne brassicae, Diet, Feeders, Feeding, Insect behavior, Larvae, Longevity, *Myzus persicae*, Reproduction, *Sinigrin*, *Sucrose*.
- 173-69**
PROTOZOAN AND NEMATODE INFECTIONS OF INSECTS. (GE)
 J Weiser
Entomophaga Mem Hors Ser (2):67-75 REF
 1964 421 EN835M
 Infectious diseases, Insect diseases, Nematodes, Parasitism, Protozoa. English summary
- 174-69**
INFECTIOUSNESS OF COCCIDIANS FOR INSECTS. (GE)
 J Weiser
Entomophaga Mem Hors Ser (2):105-107
 1964 421 EN835M
Adelina tribolii, *Ephestia*, *Galleria*, Insect diseases, Larvae, *Tenebrio*, *Tribolium*. English summary.
- 175-69**
COMPARATIVE SUSCEPTIBILITY OF LEPIDOPTEROUS LARVAE TO BACILLUS THURINGIENSIS BERLINER.
 C A White J D Briggs
Entomophaga Mem Hors Ser (2):305-308
 1964 421 EN835M
Bacillus thuringiensis, Biological control (insects), Dosage, Larvae, *Lepidoptera*, Mortality. French summary.
- 176-69**
THE BIOCHEMISTRY OF SUGARS AND POLYSACCHARIDES IN INSECTS.
 G R Wyatt
Advances Insect Physiol 4:287-360 REF
 1967 420 AD9
 Biochemistry, Biosynthesis, Carbohydrates, Glycerol, Glycogen, Glycoproteins, Hormones, Insect metabolism, Insect physiology, Polysaccharides, Sugars.
- 177-69**
A CONTRIBUTION TO THE STUDY OF THE MODE OF ACTION OF BACILLUS THURINGIENSIS BERLINER IN REGARD TO THE FLOUR MOTH ANAGASTA (EPHESTIA) KUEHNIELLA ZELLER (LEPIDOPTERA). (FR)
 C Yamurias
Entomophaga 7(2):101-159 REF
 1962 421 EN835

178-69

Anagasta kuehniella, Bacillus thuringiensis, Bacteria, Culture media, Insect diseases, Insect physiology, Lepidoptera, Toxins. English summary.

178-69

THE STUDIES OF THE BEHAVIOR OF CULEX PIPIENS FATIGANS WITH SPECIAL REFERENCE TO DISPERSAL, MATING AND FEEDING.

M Yasuno C Harinasuta

Jap J Exp Med 37(6):525-534 REF

Dec 1967 448.8 J272

Culex pipiens quinquefasciatus, Feeding, Insect behavior, Insect dissemination, Reproduction.

179-69

THE SUSCEPTIBILITY OF VARIOUS SPECIES OF MOSQUITOES TO DDT AND DIELDRIN IN THAILAND.

M Yasuno Y Kerdpibule

Jap J Exp Med 37(6):563-579

Dec 1967 448.8 J272

Culicidae, Dieldrin, DDT, Insecticide resistant insects.

180-69

THE BIOLOGY OF COPTOPTERYX GAYI (BLANCHARD) (MANTODEA). (SP)

S Zapata

Chile Univ Centro Estud Entomol Publ (6):45-58

1964 420 C432

Coptopteryx gayi, Insect biology. English summary.

GENETICS

181-69

THE DEVELOPMENT OF THE SEROSA IN MALE EMBRYOS OF THE MEALY BUG, PSEUDOCOCCUS OBSCURUS ESSIG.

A A Bregman

J Exp Zool 169(2):173-189 REF

Oct 1968 410 J825

Cells, Chromosomes, Embryology, Insect genetics, Pseudococcus obscurus, Ultraviolet rays, X-rays.

182-69

GENETIC RESISTANCE OF THE SILKWORM, BOMBYX MORI L., TO AN INFECTION OF A FLACHERIE VIRUS. (JA)

T Funada

J Sericult Sci Jap 37(4):281-287

Aug 1968 425.9 SE6

Bombyx mori, Breeding, Flacherie, Immunity, Insect diseases, Insect genetics, Viruses. English summary.

183-69

MITE CHROMOSOMES; AN EXCEPTIONALLY SMALL NUMBER.

J H Oliver B C Nelson

Nature 214(5090):809

20 May 1967 472 N21

Chromosomes, Harpyrhynchus, Insect eggs, Insect genetics, Insects, Mites, Morphology, Research.

184-69

FENETIC STUDY OF A MUTATION MODIFYING THE SENSITIVITY OF A LAMBDA PHAGE TO IMMUNITY. (FR)

L H Reira Da Silva F Jacob

Inst Pasteur Ann 115(2):145-158 REF

Aug 1968 448.3 AN75

Bacteriophages, Chromosomes, Genetics, Immunity, Mutation, Tables (data), Viruses. English summary.

MEDICAL ENTOMOLOGY

185-69

MEDICAL PARASITOLOGY AND EXOTIC PATHOLOGY. (FR)

H Harant

301P PARIS, LIBRAIRIE MALOINE

1963 RC119.H3 1963

Hematologic diseases, Infectious diseases, Medical entomology, Parasites, Parasitology, Virus diseases.

186-69

PROBLEMS OF PUBLIC HEALTH AND MEDICAL ENTOMOLOGY. (IT)

M Mariani

Accad Naz Ital Entomol Atti 10:96-104

1962 420 AC2

Arthropoda, Epidemiology, Insect control, Insect vectors, Insecticides, Medical entomology, Public health. English summary.

187-69

PYRETHRUM AS AN INSECT REPELLENT. III. A STUDY OF THE PERSISTENCE OF PYRETHRINS FILMS, WHEN APPLIED IN THREE TYPES OF FORMULATION, AS INSECT REPELLENTS TO HUMAN SKIN.

N K Sylvester A J S Weaving

Pyrethrum Post 9(2):8-14

Oct 1967 421 P99

Aedes aegypti, Chromatography, Formulations, Humans, Insect repellents, Insect vectors, Pyrethrum, Skin, Time.

CROP PROTECTION

188-69

SORGHUM ON THE MOVE.

B Barksdale

Farin Quart 23(6,WINTER):64-67,90-91

1969 6 F22995

Crop rotation, Geography, Plant breeding, Sorghum.

189-69

OFFICIAL REGISTER OF PLANT PROTECTION PREPARATIONS- AND EQUIPMENT 1968. (GE)

Pflanzenarzt 21(1):46P

Feb 1968 464.9 P482

Equipment, Legislation, Pesticides, Plant protection, Tables (data).

190-69

OFFICIAL REGISTER OF PLANT PROTECTION PREPARATIONS- AND EQUIPMENT 1967. (GE)

Pflanzenarzt 20(1):44P

Feb 1967 464.9 P482

Equipment, Legislation, Pesticides, Plant protection, Tables (data).

191-69

68TH ANNUAL REPORT OF THE BUREAU OF SUGAR EXPERIMENT STATIONS.

Queensland Bur Sugar Exp Sta Ann Rep 68:96P

MAP

1968 65.9 Q3

Agronomy, Engineering, Entomology, Plant breeding, Plant diseases, Reports, Soils, Sugarcane.

192-69

AN APPRAISAL OF HIGH MEDIUM AND LOW VOLUME METHODS OF SPRAY APPLICATION.

J B Byass

Plant Protect Abs 4:206

Sep 1968 241.75 P69

Pesticides, Plant protection, Spraying. Pans, vol. 14, no. 2, May 1968, p.249-255.

193-69

PHOTOCHEMICAL AND EXHAUST FUME DAMAGE TO PLANTS.

E F Darley O C Taylor J T Middleton

Plant Protect Abs 4:191

Sep 1968 241.75 P69

Exhaust gases, Fumes, Photochemistry, Plant injuries. First International Congress of Plant Pathology, London 14-26 July, 1968.

194-69

HOW TO PRODUCE HIGH YIELDS.

S K Dutta

Tocklai Exp Sta Newslett 14(3):101-107

Sep 1967 68.18 T93

Agricultural productivity, Crop yields, Heliophobic plants, Insect pests, Light, Nurseries, Plant diseases, Planting, Pruning, Soils, Tea, Tillage, Water.

195-69

PLANT PROTECTION AND THE ECONOMIC POSITION OF FARMING. (GE)

H Fischer

Gesunde Pflanzen 20(1):1-4

Jan 1968 464.8 G33

Agricultural economics, Crop yields, Plant protection, Plants.

196-69

THE OCCURRENCE OF THE IMPORTANT CAUSES OF DAMAGE TO CULTIVATED PLANTS IN AUSTRIA DURING 1967. (GE)

G Glaeser

Pflanzenschutzberichte 37(4/6):67-85

Mar 1968 464.9 P48

Crop losses, Crops, Insect pests, Plant diseases, Weather. English summary. most important damage causing diseases and insects are listed.

197-69

ANNUAL PLANT PROTECTION REPORT 1966. (GE)

G Glaeser

Pflanzenarzt 20(5):49-50

01 May 1967 464.9 P482

Plant protection, Reports.

198-69

TIMBER. TETRAMELES NUDIFLORA R., RESISTANT TO TEREDID BORERS IN BOMBAY HARBOUR.

A A Karande

Nature 213(5071):105

07 Jan 1967 472 N21

Larvae, Marine borers, Plant pest resistance, Research, Teredo, Timber, Wooden pilcs.

199-69

GIBBERELLIN A23 IN IMMATURE SEEDS OF LUPINUS LUTEUS.

K Koshimizu H Fukui M Inui Y Ogawa T Mitsui

Tetrahedron Lett 9:1143-1147

Feb 1968 385 T29

Chemical structure, Gibberellins, Lupinus luteus, Plant hormones, Plant regulators, Seeds.

200-69

MYCOLOGICAL STROLLS. (FR)

M Le Gal

390P REF PARIS, J-B. BAILLIERE ET FILS

1967 QK617.L4

Mushrooms, Mycology.

201-69

CURRENT LITERATURE XIX: AN ANNOTATED BIBLIOGRAPHY.

D Leatherdale

Marcellia 34(2):109-115

Jun 1967 421 M33

Bacteria, Bibliography, Gall-making insects, Plant galls.

202-69

CITRUS CULTURE.

E A Manuel D J Moore J H Jones

Bermuda Dep Agr Bull (36):30P

Jan 1967 8 B45B

Citrus, Citrus nurseries, Containers, Fertilizers, Insects, Mites, Plant discases, Plant propagation, Planting.

203-69

THE EFFECT OF MUCIN ON THE AMINO ACID ABSORPTION IN THE RAT INTESTINE. (JA)

T Nagasawa M Maeda M Niyomura I Kiyosawa

Jap Soc Food Nutr J 20(4):328-331

Feb 1967 389.9 J27

Absorption (biological), Amino acids, Assay, Biochemistry, Intestines, Mucins, Rats, Research, Temperature.

204-69

FIRST REPORT OF THE REGULAR LIMNOLOGICAL SURVEY OF LAKE BIWA (OCT. 1965 -DEC. 1966) II. PLANKTON IN GENERAL AND PHYTOPLANKTON.

K Negoro

Kata Univ Fac Sci Mem Ser Biol (N S)1(1):41-61
Oct 1967 QH301.K9

Aquatic plants, Limnology, Plankton, Reports, Surveys, Time.

205-69

APPLICATION OF INSECTICIDES TO PADDY WATER FOR MORE EFFECTIVE RICE PEST CONTROL.

M D Pathak

10(6,NOV-DEC):12-17
1968

Chemical control (pests), Control equipment, Foliar application, Insecticide application, Rice, Spraying, Water treatment.

206-69

CONTAINER GROWING. CHAPTER 22: INSECTS AND DISEASES.

J M Patterson

Amer Nurseryman J 128(11):9,77-78

01 Dec 1968 80 AM371

Blight, Chemical control (insects), Chemical control (plant diseases), Containers, Fungicides, Insect pests, Insecticides, Juniperus, Plant diseases, Plant physiology, Plant protection, Roots.

207-69

OBSERVATIONS ON BLUE-STAIN AND PIN-HOLE BEETLES AND THEIR CONTROL, IN UNPEELED LOGS OF PINGS CARIBAEA IN TRINIDAD.

R G Pawsey

Commonwealth Forest Rev 47(133):211-224

Sep 1968 99.8 EM72

Blue stain (coniferae), *Diplodia natalensis*, Fungus diseases (plants), *Pinus caribaea*, Plant pest control, *Xyleborus affinis*.

208-69

SAMPLING PESTS AND DISEASES OF TEA: III.

A R Sarkar

Tocklai Exp Sta Newslett 14(3):129-132

Sep 1967 68.18 T93

Agricultural economics, Crop losses, Equipment, Insect pests, Plant diseases, Plant protection, Tea.

209-69

POLLINATION WITH THE SPRAY APPARATUS .

M Saure

Plant Protect Abs 4:195

Sep 1968 241.75 P69

Fruit, Pollination, Spraying equipment. Mitt. Obst Versuchsringes, Jork, 1967, 22:219-23.

210-69

FORTY YEARS OF PEST CONTROL WORK. (GE)

G Schulze

Prakt Schadlingsbekampfer 19(3):30-31

Mar 1967 421 P882

Agricultural history, Pest control, Reviews.

211-69

PESTS ARE ENDANGERING OUR CULTIVATED PLANTS. (GE)

K Schumann T Wetzell

184P LEIPZIG, VEB FACHBUCHVERLAG

1962 SB953.S3

Bacterial diseases (plants), Biological control (pests), Chemical control (pests), Fungicides, Fungus diseases (plants), Herbicides, Insect pests, Insecticides, Plant diseases, Plant nematodes, Plant protection, Rodent control, Spraying, Storage diseases, Virus diseases (plants).

212-69

SPECIAL PREPARATIONS RECOGNIZED BY THE STATENS FORSOGSVIRKSOMHED I PLANTEKULTUR FOR CONTROL OF PLANT DISEASES AND PESTS. (DA)

Niwaan and Lydiche, Capenhagen, Denmark 32P.

1964 464.4 D41

Chemical control (insects), Chemical control (plant diseases), Pesticides.

213-69

SOME IMPACTS OF BEEKEEPING ON THE MANAGEMENT OF THE MIOMBO IN TANZANIA.

P V Tesha

Commonwealth Forest Rev 47(133):238-242 REF

Sep 1968 99.8 EM72

Apiculture, Bees, Forestry, Forests, Trees.

214-69

DEFOLIATION IN VIETNAM.

F H Tschirley

Science 163(3869):779-786 REF

21 Feb 1969 470 SC12

Animals, Climate, Defoliation, Ecology, Forests, Herbicides, Plants, Population, Soils.

215-69

THE EFFECT OF TEMPERATURE AND FUMIGATION ON THE NITRIFICATION RATE IN SOIL.

D W Wilson

Sail Conserv Soc Amer Prac 22:129-131 REF

13 Aug 1967 56.9 SO33P

Fumigation, Nitrification, Research, Soil analysis, Soil texture, Temperature.

DISEASES

216-69

THE GYPSY MOTH THREAT IN AMERICA.

Agrichem West 11(9):13-14

Sep 1968 381 AG85

Aerial spraying, Biological control (insects), Carbaryl, Chemical control (insects), DDT, Epidemiology, Hardwoods, Insect morphology, *Porthetria dispar*, Research, Trees.

217-69

VARIETAL RESISTANCE TO CLOVER ROT IN WHITE CLOVER.

D T A Aldrich D A Doling

Nature 214(5059):946-947

27 May 1967 472 N21

Clover, Crops, Fungus diseases (plants), Plant disease resistance, Plant physiology, Research, Rot, *Sclerotinia trifoliorum*, White clover.

218-69

VARIATION IN THE HOST-PARASITE RELATIONSHIP OF A CROP DISEASE.

M H Arnold S J Brown

Empire Cotton Grawing Carp Res Mem (71):19-36 REF

1968 72.9 EM7R

Bacterial diseases (plants), Blight, Cotton, Crop varieties, Host indexing (plants), Parasitism, Plant disease resistance, Plant genetics, Regression analysis, *Xanthomonas malvacearum*.

219-69

PARTIAL PURIFICATION OF SUGARCANE MOSAIC VIRUS BY FILTRATION THROUGH GEL. (FR)

P Baudin G Larbaigt A Dodin

Inst Pasteur Ann 115(2):288-296

Aug 1968 448.3 AN75

Extracts, Filters, Gels, Mosaic, Purification, Sugarcane, Ultraviolet rays, Virus diseases (plants). English summary.

220-69

IS ERGOT INFECTION UNIMPORTANT. (GE)

A Becker

Gesunde Pflanzen 19(3):41-44

Mar 1967 464.8 G33

Agricultural economics, *Claviceps purpurea*, Crop losses, Fungus diseases (plants), Plant diseases.

221-69

THE BORON STATUS OF DECIDUOUS FRUIT AS REFLECTED BY LEAF AND FRUIT COMPOSITION.

E Beyers W J Pienaar

Deciduous Fruit Grower 18(PT 5):142-146 REF

May 1968 80 D35

Boron, Deficiency diseases, Fruit, Leaves, Plant composition, Plant nutrition.

222-69

HINDSIGHT AND FORESIGHT CAN CONTROL COTTON SEEDLING DISEASE.

L S Bird

Cotton 4(6):16,26

Jun 1968 72.8 C8225

Chemical control (plant diseases), Cotton, Fungicides, Fungus diseases (plants), Seed treatment, Seedlings, Temperature.

223-69

PROTECTION AGAINST VIRUS DISEASES, AN ESSENTIAL ASPECT OF MAINTENANCE BREEDING IN FRUIT GROWING IN CZECHOSLOVAKIA. (GE)

C Blatny B Zimandl

Klostibg Haheren Bund- Vers Wien- Ovst Mit Ser A. Rebe Wein 17(2):146-153 REF

Mar 1967 105.9 K696

Breeding, Fruit, Plant disease control, Plant protection, Virus diseases (plants). English, French, and Spanish summaries.

224-69

POSSIBILITIES AND LIMITS OF VISUAL SELECTION IN THE CONTROL OF THE VIRUS DISEASES OF GRAPEVINES: AN EXPERIENCE WITH SOME RED VARIETIES IN THE SWISS ROMAND. (FR)

R Bovey H Leyuraz F Pelet J-I Pitton J-I Simon

Switzerland Stat Essais Agr Lausanne Publ 366-374 REF

1967 105.5 SW63

Crop varieties, Diagnosis, Economics, Grapes, Serological tests, Thermotherapy, Virus diseases (plants), Visual classification. Reprint from *Vitis*.

225-69

TRITICALE IN 1967.

E N Carter

Northwest Crop Produc Canf Rep 1967

MEETING:14-20

1967 464.9 N813

Plant breeding, Plant disease resistance, Rye, Time, Triticale, Wheat. T. hexaploid is a new crop, a hybrid between wheat and rye.

226-69

COFFEE BERRY DISEASE.

C I Critchett L M Fernie

Tanganyika Coffee News 8(1,JUL-SEP):17-19

1967 68.28 T15

Coffee, Coffee berry disease, Fungus diseases (plants), Plant breeding, Pruning, Spraying.

227-69

METHODS CONCERNING THE DETERMINATION OF THE EFFECTIVENESS OF INSECTICIDES AGAINST THE EUROPEAN CORN BORER (OSTRINIA (PYRAUSTA) NUBILALIS HBN.) WITH SMALL CONTROL TESTS AND AERIAL CHEMICAL APPLICATIONS. (GE)

T Djulizibaric

Pflanzenschutzberichte 38(3/4):47-56 REF

Jun 1968 464.9 P48

Aerial spraying, Chemical control (pests), Corn, Crop losses, Insecticides, *Ostrinia nubilalis*, Tables (data). English summary.

228-69

TEMPTING THE SOYBEAN'S ERRATIC APETITE.

W Evans

Farm Quart 23(6,WINTER):72.9 ,94

1969 6 F22995

229-69

Fertilizers, Nitrogen, Nutrient solutions (plants), Phosphorus, Plant nutrition, Potassium, Soybeans.

229-69

THE FACTORS DETERMINING THE EFFICACY OF BIOLOGICAL PREPARATIONS IN PLANT PROTECTION. (FR)

N S Fedorintchik

Entomophaga Mem Hlors Ser (2):51-61 REF

1964 421 EN835M

Biological control (pests), Biological products, Culture media, Insect physiology, Integrated control (insects), Plant protection. English summary.

230-69

FIREBLIGHT: A DISEASE WE DON'T WANT.

G W Gayford

Victorian Hort Dig 12(4,NOV-JAN):7-8

1969 80 V662

Apples, Bacterial diseases (plants), Erwinia amylovora, Fire blight, Pears, Plant protection, Plant quarantine.

231-69

VERTICILLIUM WILT IN THE TOMATO CULTURES OF THE VALAIS. (FR)

D Gindrat

Switzerland Stat Essais Agr Lausanne Publ (790):3-7 REF

Oct 1967 105.5 SW63

Chemical control (plant diseases), Chloropicrin, Crop rotation, Diagnosis, Fungus diseases (plants), Methyl bromide, Plant disease control, Soil sterilization, Tomatoes, Verticillium albo-atrum, Wilt. Extract from Swiss Horticultural Review 40(10):320-325, 1967.

232-69

DIDYMELLA BRYONIAE, A NEW FUNGUS PARASITE OF CUCUMBER CULTURES. (FR)

D Gindrat A Bolay

Switzerland Stat Essais Agr Lausanne Publ (776):4P

Dec 1966 105.5 SW63

Cucumbers, Diagnosis, Didymella bryoniae, Fungus diseases (plants), Heat, Parasitism, Seedlings, Soil sterilization, Temperature. Extract from Swiss Horticulture Review, 39(12):371-375, 1966.

233-69

CONTROL OF POST-HARVEST DECAY AND THE INFLUENCE OF POSTHARVEST TREATMENTS ON DECAY IN CLINGSTONE PEACHES.

A J Heyns H D Erasmus W F S Schwabe

Deciduous Fruit Grower 18(PT 5):146-147

May 1968 80 D35

Fungus diseases (plants), Harvesting, Monilinia fructicola, Peaches, Plant protection, Rhizopus nigricans, Rot.

234-69

CORALLOID ROOT SYSTEMS IN PLANTS SHOWING LIME INDUCED CHLOROSIS.

T C Hutchinson

Nature 214(5059):943-945 REF

27 May 1967 472 N21

Chlorosis, Leaves, Lime, Plant grafting, Plant metabolism, Plant nutritional deficiencies, Plant translocation, Research, Roots, Soils.

235-69

ON THE OCCURRENCE AND TREATMENT OF ACTINOBACILLOSIS IN CATTLE. (CZ)

J Hybásek D Pichová J Picha

Czech Min Zemed Les Hlospod Ustav Vedeckotech Inform Vet Med 13(1):25-30 REF

Jan 1968 41.9 C333

Actinobacillosis, Bacterial diseases (animals), Blood serum, Cattle, Chemical control (animal diseases), Drug therapy, Injections, Iodine, Proteins. English, Russian, and German summaries.

236-69

PHYSIOLOGICAL RACES OF PUCCINIA RECONDITA F. SP. TRITICI IN THE UNITED STATES FROM 1926 THROUGH 1960.

C O Johnston R M Caldwell L E Compton L E Browder

U S D A Tech Bull 1393:18 P.

Jun 1968 1 AG84TE

Epidemiology, Fungus diseases (plants), Leaf rust (wheat), Plant physiology, Plant taxonomy, Puccinia recondita, Research, Tables (data).

237-69

CONTROL OF RACE 2 FUSARIUM OF TOMATOES.

J P Jones S S Woltz

Sunshine State Agr Res Rep 13(5-6,SEP-NOV):8-9

1968 100 F66SU

Deficiency diseases, Fungus diseases (plants), Fusarium oxysporum lycopersici, Microorganisms, Plant disease control, Plant protection, Research, Soil sterilization, Tomatoes, Wilt.

238-69

THE INFLUENCE OF HERBICIDES ON THE INCIDENCE OF DISEASE WITH PARTICULAR REFERENCE TO TEMPERATE FRUIT CROPS.

T Kavanagh

Plant Protect Abs 4:190

Sep 1968 241.75 P69

Biochemistry, Environment, Fruit, Herbicides, Plant diseases. First International Congress of Plant Pathology, London 14-26 July, 1968.

239-69

A NOTE ON THE ISOLATION AND CHEMICAL CHARACTERISTICS OF ANTIFUNGAL AGENTS FROM EXTRACTS OF ANAGALLIS ARVENSIS L.

S G S Khanna Y L Nene C K Banerjee P N

Thapliyal

Indian Phytopathol 20(1):64-66

Mar 1967 464.8 IN2

Anagallis arvensis, Colletotrichum papayae, Fungicides.

240-69

STATUS OF SEED TREATMENT FOR BARLEY SMUT CONTROL.

R L Kiesling

*Northwest Crop Produc Conf Rep 1967**MEETING:7*

1967 464.9 N813

Barley, Fungus diseases (plants), Loose smut, Pest control, Seed treatment.

241-69

SPRUCE GALLS IN WISCONSIN.

C Koval

Amer Nurseryman J 128(11):76-77

01 Dec 1968 80 AM371

Aphididae, Feeding, Picea, Plant diseases, Plant galls.

242-69

DIRECTIONAL GROWTH OF THE UREDIOSPORE GERM TUBES AND STOMATAL PENETRATION.

R Maheshwari A C Hildebrandt

Nature 214(5093):1145-1146

10 Jun 1967 472 N21

Antirrhinum majus, Electron microscopy, Fungus diseases (plants), Leaves, Plant physiology, Puccinia antirrhini, Reproduction, Stomata, Tissues.

243-69

REDISTRIBUTION OF 45CA IN TRIFOLIUM SUBTERRANEUM L AND ANTIRRHINUM MAJUS L.

C R Millikan B C Hanger

Australian J Biol Sci 20(6):1119-1130 REF

Dec 1967 442.8 AU72

Antirrhinum, Calcium isotopes, Radioactive tracers, Subterranean clover.

244-69

THE DETECTION OF PRIMARY INFECTIONS OF VIRUS DISEASES IN POTATO PLANT CULTURES. (FR)

J Muenster P Cornu

Switzerland Stat Essais Agr Lausanne Publ 235-236

1966 105.5 SW63

Crop losses, Diagnosis, Plant disease transmission, Potatoes, Virus diseases (plants). Reprint of Third Triennial Conference EAPR (1966), Proceedings.

245-69

DECAY OF RUBBER WOOD IN A REPLANTING AND ITS EFFECT ON ROOT DISEASE.

A Newsam K P John B S Rao

Rubber Res Inst Malaya J 20(PT 1):1-7

1967 78.9 R824J

Herbicides, Hevea brasiliensis, Plant diseases, Poisoning, Roots, Sodium arsenite, T, 2,4,5-, Wood decay.

246-69

PHYSIOLOGICAL RACES OF PUCCINIA STRIIFORMIS IN THE WHEAT OF IRAN. (GE)

E Niemann G Scharif A Bamdadian

*Iran Inst Rech Entomol Phytopathol Entomol**Phytopathol Appl (26):17-21*

Nov 1967 464.9 P432

Fungus diseases (plants), Plant physiology, Puccinia glumarum, Puccinia striiformis, Tables (data), Wheat. English summary. persian translation.

247-69

THE SUSCEPTIBILITY OF SOME CULTIVATED PLANTS TO SCLEROTIUM ROLFSSII SACC. (GE)

E Niemann G Scharif A Mirkamali

*Iran Inst Rech Entomol Phytopathol Entomol**Phytopathol Appl (26):22-26*

Nov 1967 464.9 P432

Crops, Fungus diseases (plants), Plant disease resistance, Sclerotium rolfsii, Tables (data), Vegetables. English summary. persian translation.

248-69

THE EFFECT OF SOWING DATES ON THE REACTIONS OF SIX WHEAT STRAINS TO STEM RUST.

B P Patil

Indian Phytopathol 20(1):45-49

Mar 1967 464.8 IN2

Dates, Stem rust, Wheat.

249-69

LINDANE: METABOLISM TO A NEW ISOMER OF PENTACHLOROCYCLOHEXENE.

W T Reed A J Forghash

Plant Protect Abs 4:201

Sep 1968 241.75 P69

Biochemistry, Chlorinated hydrocarbons, Cyclohexenes, Isomerism, Lindane, Metabolites, Musca domestica. Science, vol. 160, June 14, 1968 p.1232.

250-69

RECOMMENDATIONS FOR CHEMICAL TREATMENT OF DISEASES OF HEVEA.*Rubber Res Inst Malaya Plant Bull (96):96-99*

May 1968 78.9 R825

Chemical control (plant diseases), Dosage, Fungicides, Fungus diseases (plants), Gloeosporium, Hevea, Oidium, Pesticide application, Phytophthora.

251-69

DIEBACK.*Rubber Res Inst Malaya Plant Bull 90:107-111*

May 1967 78.9 R825

Deficiency diseases, Dieback, Fungus diseases (plants), Microorganisms, Plant disease control, Plant injuries, Pruning, Rubber.

252-69

PHYTOPHTHORA LEAF FALL AND POD ROT.*Rubber Res Inst Malaya Plant Bull 90:99-106*

May 1967 78.9 R825

Aerial spraying, Crop losses, Diagnosis, Environment, Phytophthora, Plant disease control, Rubber.

- 253-69
CONTROL OF LETTUCE LEAF DROP BY SOIL DRENCHING WITH FUNGICIDES.
 M L Sahni S R Dohre
Indian Phytopathol 20(1):69-71
 Mar 1967 464.8 IN2
 Fungicides, Leaf drop (lettuce), Lettuce, Sclerotinia, Soils.
- 254-69
SAMPLING PESTS AND DISEASES OF TEA. II.
 A R Sarkar
Tocklai Exp Sta Newslett 14(2):72-75
 Jun 1967 68.18 T93
 Climate, Environment, Plant diseases, Soil conservation, Soil series, Tea, Tetranychidae, Zoogeography.
- 255-69
PROBLEMS OF FUNGICIDAL EFFICIENCY.
 G Satyanarayana
Tocklai Exp Sta Newslett 14(3):123-124
 Sep 1967 68.18 T93
 Chemical control (plant diseases), Copper, Fungi, Fungicides, Nickel, Plant protection, Soils.
- 256-69
OAT DISEASES AND THEIR CONTROL.
 M D Simons H C Murphy
U S D A Agr Handb (343):15P
 Nov 1968 1 AG84AH
 Bacterial diseases (plants), Fungus diseases (plants), Handbooks, Illustrations, Oats, Plant disease control, Plant nutritional deficiencies, Virus diseases (plants). 23 specific oat diseases are discussed.
- 257-69
MANGANOUS OXIDE (MNO) AS A FERTILIZER FOR CONTROLLING MANGANESE DEFICIENCY IN OATS.
 K W Smilde
Neth J Agr Sci 16(3):197-203 REF
 1968 12 N3892
 Deficiency diseases, Manganese, Manganese oxides, Oats, Plant nutrition.
- 258-69
PLANT INSPECTION AND WHAT IT ENTAILS.
 D Thomas G M Thomson
S Afr Sugar J 52(6):527,529
 Jun 1968 65.8 SO8
 Biological control (plant diseases), Inspection (agricultural products), Mosaic, Nurseries, Plant breeding, Plant disease control, Plant diseases, Ratoon stunt, Research, Sugarcane, Surveys.
- 259-69
RATOON STUNTING DISEASE AND DROUGHT A DISASTROUS COMBINATION.
 G M Thomson
S Afr Sugar J 52(3):201,203
 Mar 1968 65.8 SO8
 Crop losses, Droughts, Heat, Plant diseases, Plant injuries, Ratoon stunt, Seed treatment, Sugarcane.
- 260-69
BACTERIAL STRIPE BLIGHT OF OATS CAUSED BY PSEUDOMONAS STRIAFACIENS (ELLIOTT) STARR ET BURKHOLDER. (JAP)
 T Tominaga K Nishiyama
Jap Soc Grassland Sci J 14(1):51-55 REF
 Apr 1968 60.9 J27
 Agar, Bacterial diseases (plants), Biochemistry, Chemical control (plant diseases), Epidemiology, Hydrogen-ion concentration, Leaves, Oats, Pseudomonas striafaciens, Stripe, Temperature. English summary.
- 261-69
HOW FUNGI INFECT STORED GRAINS.
 J Tuite
Grain Feed J 126(1):9
 08 Jan 1969 298.8 G762
 Agricultural products, Aspergillus flavus, Economics, Fungus diseases (plants), Gibberella zeae, Grain, Microbiology, Penicillium rubrum, Storage diseases.
- 262-69
SOME FACTS ABOUT FUNGICIDES.
 B H Vine
Kenya Coffee 33(392):293-296
 Sep 1968 68.29 C652
 Coffee, Coffee berry disease, Fungicides, Fungus diseases (plants), Spraying, Storage, Toxicity.
- 263-69
HEAT PASTEURIZATION AND CHEMICAL FUNGICIDES FOR CONTROL OF FUSARIUM ROT OF CALIFORNIA CANTALOUPS.
 J M Wells J K Stewart
Plant Protect Abs 4:207
 Sep 1968 241.75 P69
 Cantaloups, Chemicals, Fungicides, Fungus diseases (plants), Fusarium roseum, Fusarium solani, Heat, Pasteurization, Rot. Plant Disease Reporter, vol. 52, no.4, April 1968, p.262.
- 264-69
RESISTANCE POWER OF THE AUSTRIAN WINTER WHEAT ASSORTMENT AGAINST DWARF BUNT (TILLETIA CONTROVERSA KUHN). (GE)
 B Zwatz
Pflanzenschutzberichte 36(3/4):45-55 REF
 Sep 1967 464.9 P48
 Antiseptics, Fungus diseases (plants), Resistance, Seed treatment, Soil treatment, Tilletia controversa, Wheat. English summary.

ARTHROPODS

- 265-69
ULTRASOUND TO STOP THE MOTHS SETTLING.
Plant Protect Abs 4:192
 Sep 1968 241.75 P69
 Insect behavior, Insect pests, Moths, Plant protection, Sound waves. New Scientist, vol. 38, no. 597, May 16, 1968, p.347.
- 266-69
TENDER TRAP. (ABSTRACT).
Aust Tob Growers Bull (12):23
 1968 69.8 AU72
 Insect pests, Insect traps, Plant protection, Tobacco. Abstract from Tobacco Abstracts.
- 267-69
CHANGES IN THE GROWTH-REGULATOR CONTENT OF PLUM INFESTED WITH FRUIT TREE RED SPIDER MITE, PANONYCHUS ULMI (KOCH).
 D J Avery H J Lacey
J Expt Bot 19(61):760-769 REF
 Nov 1968 450 J8224
 Biochemistry, Extracts, Fruit, Gibberellins, Indoleacetic acid, Insect control, Panonychus ulmi, Plant regulators, Plums.
- 268-69
LEAF DETERIORATIONS BROUGHT ABOUT BY THE CICADELLA EMPOASCA FLAVESCENS F. (HOM., TYPHLOCYBIDAE) GROWN ON APPLE TREES. (FR)
 M Baggolini
Switzerland Stat Essais Agr Lausanne Publ 40(3/4):257-262
 15 Apr 1968 105.5 SW63
 Apples, Empoasca flavescens, Fruit, Insect vectors, Leaves, Plant diseases, Tree injuries, Typhlocyba crataegi, Typhlocybae. Reprint from Communications of Swiss Entomological Society.
- 269-69
THE APPLE MOTH (RECURVARIA LEUCATELLA CL.) A LITTLE KNOWN PEST OF OUR FRUIT TREES. (FR)
 M Baggolini
Switzerland Stat Essais Agr Lausanne Publ (794):1-4
 Sep 1967 105.5 SW63
 Chemical control (insects), Crop losses, Fruit, Insect biology, Insect pests, Insecticide resistant insects, Insecticides, Recurvaria leucateLLa, Tree injuries. Extract from Romand Agriculture 6(9)(ser a):111-114, 1967.
- 270-69
THE NEED FOR CONSERVING NATURAL ENEMIES OF PESTS.
 B Banerjee
Tocklai Exp Sta Newslett 14(3):133-136
 Sep 1967 68.18 T93
 Beneficial insects, Biological control (insects), Insect pests, Parasitism, Plant protection, Tea.
- 271-69
PEST PROFILES III. - WHITE BORER.
 M Bigger
Tanganyika Coffee News 8(1 JUL-SEP):14-16
 1967 68.28 T15
 Anthono leuconotus, Coffee, Coleoptera, Insect pests.
- 272-69
A FRUIT PEST IS BEING STERILIZED. (GE)
 H Bohm
Pflanzenarzt 20(5):50
 01 May 1967 464.9 P482
 Ceratitis capitata, Gamma irradiation, Insect control, Insect pests, Plant hosts, Pupae, Radiation, Sterilization (insects).
- 273-69
INSECT CONTROL ON GOLF GREENS.
 V R Coleman
Southeast Turfgrass Conf Proc 21:46-47
 Apr 1967 60.19 SO86
 Golf courses, Insect biology, Insect control, Insect identification, Insect pests.
- 274-69
OLD AND NEW ACARIDAE, CITRUS PLANT PARASITES IN ITALY. (IT)
 G Costantino
Accad Naz Ital Entomol Atti 10:154-163 REF
 1962 420 AC2
 Aceria sheldoni, Brevipalpus, Citrus, Hemitarsonemus, Mites, Tetranychus urticae. French summary.
- 275-69
VIRUS INSECTICIDES.
Aust Tob Growers Bull (12):21
 1968 69.8 AU72
 Insect pests, Insecticides, Plant protection, Tobacco, Viruses.
- 276-69
RESEARCH YIELDS EASILY APPLIED VIRUS DEADLY TO CODLING MOTH LARVAE.
 L A Falcon
Plant Protect Abs 4:200-201
 Sep 1968 241.75 P69
 Apples, Biological control (insects), Carpocapsa pomonella, Plant protection, Research, Virus diseases (animals). Western Fruit Grower, vol. 22, no. 5, May 1968, p.18.
- 277-69
TESTS WITH INSECTICIDES FOR THE CONTROL OF RESISTANT MYZUS PERSCAE (SULZER) ON YEAR-ROUND CHRYSANTHEMUMS.
 H J Gould
Plant Protect Abs 4:197
 Sep 1968 241.75 P69
 Chemical control (insects), Chrysanthemum, Insecticide resistant insects, Insecticides, Myzus persicae. Plant Pathology, 17, 88-94, June 1968.
- 278-69
BIOLOGY OF THE SPINY BOLLWORM. (PE)
 M Haidari
Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl (26):31-36
 Nov 1967 464.9 P432
 Cotton, Earias insulana, Insect biology, Insect morphology, Larvae, Tables (data), Temperature.

279-69

INHIBITION BY BLASTICIDIN S OF THE ABILITY OF LEAFHOPPERS TO TRANSMIT RICE STRIPE VIRUS.

T Hirai T Saito H Onda K Kitani A Kiso

Plant Protect Abs 4:207

Sep 1968 241.75 P69

Blasticidin s, Cicadellidae, Insect vectors, Rice, Stripe, Virus diseases (plants). Phytopathology, vol. 58, no. 5, May 1968, p.602.

280-69

OBSERVATIONS ON THE CONTROL OF THE COFFEE BERRY BORER, HYPOTHENEMUS HAMPEI (FERR.), WITH ENDOSULFAN IN UGANDA.

W R Ingram

Plant Protect Abs 4:196-197

Sep 1968 241.75 P69

Chemical control (insects), Coffee, Endosulfan, Hypothenemus hampei. Bulletin of Entomological Research, vol.57, June 1968, p.539-547.

281-69

THE HESSIAN FLY.

H N Lafever R L Gallun J H Hatchett R E

Treece

Ohio Rep Res Develop Biol Agr Home Econ

53(4,JUL-AUG):54-55;MAP

1968 100 OH3S (3)

Aging, Hibernation, Insect morphology, Mayetiola destructor, Plant injuries, Plant protection, Surveys, Wheat.

282-69

WHAT HAPPENS WHEN SPRAYS ARE NO LONGER NEEDED FOR CONTROL OF CODLING MOTH.

H Madsen

Plant Protect Abs 4:198-200

Sep 1968 241.75 P69

Apples, Biological control (insects), Carpocapsa pomonella, Insect control, Plant protection, Spraying, Sterility. Western Fruit Grower, vol. 22, no. 5, May 1968, p.13-16.

283-69

CONTROL OF INSECT AND MITE PESTS OF SMALL FRUITS.

J P Miller

Wash State Coll Dept Ext Memo Circ 2913:19P

Jun 1968 275.29 W27MI

Fruit, Insect control, Insect pests, Insecticide application, Insecticides, Mites, Research, Toxicology.

284-69

ETHION A NEW ACARICIDE FOR CONTROL OF RED SPIDER, SCARLET, PINK AND PURPLE MITES.

T D Mukerjee

Tocklai Exp Sta Newslett 14(3):112-122

Sep 1967 68.18 T93

Acaricides, Chemical control (insects), Ethion, Insect eggs, Insect pests, Mites, Plant protection, Tea, Tetranychidae.

285-69

NOTE ON SPHENARCHES ANISODACTYLUS, WKR, DAMAGING BOTTLE GOURD (LAGENERIA LUCANTHA, RUSBY).

H K Patel M S Chari

Andhra Agr J 15(1):25-28

1968 34.2 AN4

Apanteles paludicola, Insect biology, Insect pests, Lageneria siccararia, Parasitic insects, Sphenarches anisodactylus.

286-69

AN OUTLINE OF THE BIOLOGY OF HYPISPYLA ROBUSTA MOORE, THE SHOOT BORER OF THE MELIACEAE (MAHOGANIES) OF NIGERIA, TOGETHER WITH BRIEF COMMENTS OF TWO STEM BORERS AND ONE OTHER LEPIDOPTERAN FRUIT BORER ALSO FOUND IN NIGERIAN MELIACEAE.

H Roberts

Commonwealth Forest Rev 47(133):225-232

Sep 1968 99.8 EM72

Biology, Hypsipyla robusta, Insect pests, Lepidoptera, Plant protection, Trees.

287-69

CURRENT STATUS OF CEREAL LEAF BEETLE CONTROL EFFORTS.

G A Taylor

Northwest Crop Produc Conf Rep 1967

MEETING:8-13

1967 464.9 N813

Grain, Insect control, Oulema melanopus.

288-69

THE INFLUENCE OF THE SOWING TIME ON THE INTENSITY OF ATTACK BY THE PANICLE GENERATION OF FRIT FLY (OSCINELLA FRIT L.).

T Tesic

Qualitas Plant Water Veg 15(4):341-349

10 Jul 1968 64.8 M41

Barley, Chemical control (insects), Oscinella frit, Seed germination, Seed planting, Tables (data), Temperature, Weather. German and French summary.

289-69

PHYLLOXERA: SCOURGE OF THE VINEYARD.

J E Unthank

Victorian Hort Dig 12(4,NOV-JAN):2-6

1969 80 V662

Grapes, Insect control, Phylloxera vitifoliae, Plant breeding, Plant injuries, Plant pest resistance, Plant protection.

290-69

EXTERNAL AND INTERNAL SYMPTOMOLOGY ON VITIS FROM PLANT SUCKING INSECTS. (IT)

C Vidano

Turin Univ Fac Sci Agr Raccolta Mem

14(588,1966-1967):117-136, REF

1967 105.4 T842

Grapes, Homoptera, Leaves, Plant injuries. English summary

291-69

A NOTE ON THE CONTROL OF THE SEMICOOPER, ACHAEA JANATA L., ON CASTOR.

S M Vittal R Saroja

Madras Agr J 55(4):200-202

Apr 1968 22 M262

Achaea janata, Benzene hexachloride, Carbaryl, Carbofenthothion, Castorbeans, Chemical control (insects), DDT, Endrin, Imidan, Parathion, Plant protection, Trichlorfon.

292-69

THE METHOD OF TESTING SEED POTATOES BY MEAN OF THE CALLOSE (IGEL-LANGE) TEST. (GE)

H Wenzl

Pflanzenschutzberichte 36(3/4):33-44

Sep 1967 464.9 P48

Callose, Leaf roll, Methodology, Microscopy, Plant disease control, Plant protection, Potatoes, Seed potatoes. English summary

NEMATODES

293-69

THE SUGARBEET NEMATODE. PROBLEMS AND PROGRESS IN ITS CONTROL IN COLORADO.

J Altman

Holly Agr News 16(4,WINTER):14-21

1969 66.8 H72

Crop rotation, Heterodera schachtii, Plant injuries, Plant nematodes, Plant protection, Planting, Soil fumigation, Sugar beets.

294-69

NEMATODES CAN BE CONTROLLED.

M Anders

Amer Dahlia Soc Bull (SER 40)(2):8-9

Jun 1967 81 AM322

Dahlia, Fumigants, Nematocides, Pest control, Plant nematodes, Plant protection, Soil treatment.

295-69

EELWORMS IN TEA: SOME PROBLEMS.

B Banerjee

Tocklai Exp Sta Newslett 14(2):82-83

Jun 1967 68.18 T93

Cover crops, Pest control, Plant injuries, Plant nematodes, Roots, Soil series, Tea, Zoogeography.

296-69

EELWORM IN TEA: SOME IMPORTANT GROUPS.

S D Basu

Tocklai Exp Sta Newslett 14(2):84-85

Jun 1967 68.18 T93

Biology, Feeding, Nematodes, Taxonomy, Tea.

297-69

THE INCREASED ATTACK OF DITYLENCHUS DIPSACI ON ONION CAUSED BY SOME FUNGICIDES.

M W Brzeski W Macias

Plant Protect Abs 4:193

Sep 1968 241.75 P69

Biochemistry, Ditylenchus dipsaci, Fungicides, Nematodes, Onions. Nematologica, 1967, 13:322.

298-69

RELATIVE EFFICACY OF DIFFERENT OIL-CAKES ON THE INCIDENCE OF ROOT-KNOT NEMATODES.

S F Hameed

Madras Agr J 55(4):168-169

Apr 1968 22 M262

Chemical control (nematodes), Meloidogynce, Oil meal, Plant nematodes, Plant protection, Root knot, Vegetables.

299-69

APHELENCHOIDES BICAUDATUS, A PARASITE OF CULTIVATED MUSHROOM.

R W McLeod

Nature 214(5093):1163-1164

10 Jun 1967 472 N21

Aphelenchoides, Crop yields, Mushrooms, Nematodes, Parasitism, Research, Soils, Tables (data).

300-69

NEMATODES OF THE NORTHERN GREAT PLAINS.

G Thorne R B Malek

S Dak Agr Exp Sta Tech Bull 31:111P.

Jul 1968 100 S082 (3)

Chemical control (nematodes), Distribution, Great Plains, Nematodes, Taxonomy.

WEEDS

301-69

CHEMICAL WEED CONTROL.

Anonymous

Com Hort Floristry New Zeal 1(11):298-299

(CONT.)

Jun 1968 SB13.C59

Chemical control (weeds), Herbicides, Leaves, Pesticide application, Plant hardiness, Plant physiology, Plant translocation, Soils, Surface-active agents.

302-69

CHEMICAL CONTROL OF WEEDS IN FIELDS AND IN THE OPEN COUNTRY. (GE)

G Bachthaler R Dieckes

*191P REF MUNICH, BAYERISCHER**LANDWIRTSCHAFTSVERLAG*

1968 SB613.G3B3

Aquatic weeds, Chemical control (weeds), Crops, Herbicides, Pastures, Soil treatment, Spraying.

303-69

USE OF PETROLEUM OILS AND HERBICIDE MIXTURES TO IMPROVE WEED CONTROL PERFORMANCE.

R Behrens

- Northwest Crop Produc Conf Rep 1967*
MEETING:73-75
1967 464.9 N813
Chemical control (weeds), Field crops, Herbicides, Mineral oil.
- 304-69**
NEW WEED KILLERS BOOST ORCHARD CONSERVATION.
R P Church
Michigan Farmer 250(10):43
16 Nov 1968 6 M58
Amitrole, Chemical control (weeds), Fruit, Herbicides, Simazine, Spraying.
- 305-69**
WEED CONTROL IN CEREALS.
A D Courtney
Agr North Ireland 42(12):398-401
Apr 1968 256.13 AG82M
Chemical control (weeds), Crop yields, Grain, Harvesting date, Herbicides.
- 306-69**
WEED CONTROL FOR THE HOME GARDEN.
Aquatic Weed Control 8:4P
1968 7 B77P
Flowers, Herbicides, Lawns, Ornamental plants, Pesticide application, Vegetables, Weed control.
- 307-69**
AQUATIC WEED CONTROL.
Aquatic Weed Control 7:8P
1968 7 B77P
Aquatic weeds, Chemical control (weeds), Herbicides, Weed control.
- 308-69**
A FIELD TRIAL WITH PHENOXYBUTYRIC HERBICIDES ON TROPICAL FORAGE LEGUMES.
J Foster P J Terry C J Mosha M A Owen R C Musomi
Arusha Trop Pesticides Res Inst Misc Rep 627,14 P.
Aug 1967 423.92 G7922
Chemical control (weeds), Desmodium, Dichlorophenoxy) butyric acid, 4-(2,4-, Herbicides, Legumes, Methyl-4-chlorophenoxy)butyric acid, 4-(2-.
- 309-69**
A MINIMUM CULTIVATION TRIAL WITH MAIZE USING PARAQUAT HERBICIDE.
J Gordon
Ghana Farmer 12(1):2-5
Feb 1968 24 G564
Chemical control (weeds), Corn, Crop yields, Economics, Herbicides, Paraquat, Plant protection, Tillage.
- 310-69**
EFFECT OF TOPSOIL DEEPENING ON WEED INFESTATION OF FOLLOWING CROPS. (GE)
R Herzog
Albrecht-Thaer-Arch 12(9):839-845 REF
1968 18 AL1
Crop yields, Plowing, Research, Soil horizons, Soil series, Tillage, Weeds. Russian and English summary.
- 311-69**
PROPOSED PROGRAM FOR ACCELERATED WEED CONTROL IN WYOMING.
E M Holst
Holly Agr News 16(4,WINTER):30-31
1969 66.8 H72
Chemical control (weeds), Herbicides, Weed control.
- 312-69**
SAGEBRUSH REINVASION AS AFFECTED BY SOME ENVIRONMENTAL INFLUENCES.
J R Johnson G F Payne
J Range Manage 21(4):209-213 REF
Jul 1968 60.18 J82
Artemisia, Chemical control (weeds), Environment, Research, Soils, Spraying, Topography.
- 313-69**
STUDIES OF THE INFLUENCE OF SOME PREDOMINANT WEEDS ON THE YIELD PATERN OF SPRING BARLEY. (GE)
G Lincke B Maertin
Albrecht-Thaer-Arch 12(9):847-857
1968 18 AL1
Avena fatua, Barley, Brassica arvensis, Crop yields, Plant physiology, Polygonum convolvulus, Research, Weeds. Russian and English summary.
- 314-69**
INVASION OF GRASSLAND BY BACCHARIS PILULARIS DC.
J McBride H F Heady
J Range Manage 21(2):106-112
Mar 1968 60.18 J82
Baccharis pilularis, Compositae, Integrated control (weeds), Ranges, Shrubs.
Abstract: Remeasurments of early vegetation maps.
- 315-69**
CHEMICAL CONTROL OF PIGWEED. PATENT 3,408,176.
R P Neighbors
Us Patent Office Offic Gaz 855(5):1333
29 Oct 1968 156.65 OF2
Chemical control (weeds), Chemicals, Herbicides, Nitrobenzohydroxamic acid, p-, Patents, Pigweed, Weed control.
- 316-69**
HERBICIDES IN VIETNAM: AAAS BOARD SEEKS FIELD STUDY.
B Nelson
Science 163(3862):58
03 Jan 1969 470 SC12
Chemical control (weeds), Defoliant, Ecology, Herbicides, Research.
- 317-69**
NEW POSSIBILITIES OF WEED CONTROL IN CHICORY (CICHORIUM INTYBUS). (GE)
H Neururer
Pflanzenarzt 20(5):51-52
01 May 1967 464.9 P482
Chemical control (weeds), Chicory, Chloro-N-isopropylacetanilide, 2-, Dacthal, Dosage, Herbicides, CIPC, Semicron, Spraying.
- 318-69**
THE STATE OF WEEDS WHEN APPLYING HERBICIDES AND INSECTICIDES IN CORN FIELDS. (SE)
G Pivar A Skender
Agrohemia (516):227-234
1968 385 AG87
Biochemistry, Chemical control (weeds), Corn, Herbicides, Insecticides, Population, Tables (data), Weeds. English summary.
- 319-69**
THE CHEMICAL CONTROL OF WEEDS IN PINEAPPLE PLANTATIONS. (FR)
C Py
Fruits 23(1):3-12
Jan 1968 80 F9492
Ametryne, Chemical control (weeds), Cyperus rotundus, Diuron, Grasses, Herbicides, Pineapples.
- 320-69**
CONTROL OF DALMATIAN TOADFLAX.
W C Robocker
J Range Manage 27(2):94-98
Mar 1968 60.18 J82
Agropyron, Chemical control (weeds), Foliar application, Herbicides, Linaria dalmatica, Picloram, Silvex, Weeds.
Abstract: Satisfactory control with silvex and no injury to perennial grasses.
- 321-69**
WEED BIOLOGY - A FUTURE.
G R Sagar
Neth J Agr Sci 16(3):155-164 REF
1968 12 N3892
Biology, Plant protection, Weed control, Weeds.
- 322-69**
SAINFOIN - A DRYLAND FORAGE CROP FOR MONTANA.
A F Shaw
Northwest Crop Produc Conf Rep 1967
MEETING:44-47
1967 464.9 N813
Environment, Feed, Forage plants, Sainfoin, Weed control.
- 323-69**
ATRAZINE IN OIL IN SOUTH DAKOTA.
J F Stritzke C E Stymiest R Parker L A Derscheid
Northwest Crop Produc Conf Rep 1967
MEETING:76-83
1967 464.9 N813
Atrazine, Chemical control (weeds), Field crops, Herbicides, Mineral oil. Atrazine-oil mixture used.
- 324-69**
A COMPARISON OF POST-EMERGENCE HERBICIDES IN YOUNG LUCERNE.
P J Terry J Foster C J Mosha
Arusha Trop Pesticides Res Inst Misc Rep 626, 8 P.
Aug 1967 423.92 G7922
Alfalfa, Chemical control (weeds), D, 2,4-, Dichlorophenoxy) butyric acid, 4-(2,4-, Dinitrobutylphenol, Herbicides, Methyl-4-chlorophenoxy)butyric acid, 4-(2-, 2,4-DB was used alone and mixed with 2,4-D.
- 325-69**
TREE LINE WEED CONTROL IN GOULBURN VALLEY ORCHARDS.
L A G Van Heek
Victorian Hort Dig 11(2,MAY-JUL):9-11
1967 80 V662
Amitrole, Chemical control (weeds), Dalapon, Diquat, Economics, Herbicides, Orchards, Paraquat, Simazine, Trees.
- 326-69**
WE SQUASHED THE WEEDS.
M Wilbur
Org Gard Farming 15(7):76-77
Jul 1968 57.8 OR32
Biological control (weeds), Cantaloupes, Harvesting, Pumpkins, Seed treatment, Tropical plants, Weeds. This artical is about the authors personal experience.
- 327-69**
A GUIDE TO CHEMICAL WEED CONTROL IN TROPICAL AND SUBTROPICAL FRUIT AND NUT CROPS IN HAWAII.
W Y J Yee R R Romanowski E T Fukunaga
Hawaii Univ Agr Ext Serv Circ 423:10P
Aug 1968 275.29 H312AC
Chemical control (weeds), Fruit, Herbicides, Nuts, Research, Spraying, Weeds.

OTHER PESTS

- 328-69**
SLUGS CAUSE DAMAGE IN OHIO CORN-FIELDS.
B D Barry
Ohio Rep Res Develop Biol Agr Home Econ 53(4,JUL-AUG):51-53
1968 100 OH3S (3)
Chemical control (pests), Corn, Crop losses, Plant injuries, Plowing, Slugs, Weather.
- 329-69**
RAT POISON AND INSECTICIDE.
S G Lojo
Sugarcane Farmers Bull 2(1):15
Aug 1965 65.8 SU334
Accident prevention, Baits, Dosage, Insecticides, Poisoning, Rats, Rodent control, Rodenticides, Sodium fluoroacetate.

330-69

LIVESTOCK PROTECTION

330-69

DISEASE PREVENTION.

J B R Arbuckle

Pig Farming 16(10):53

Oct 1968 46.8 P623

Animal breeding, Fumigation, Infectious diseases, Preventive medicine, Veterinary medicine.

331-69

GERMINATION BIOLOGY AND THE FIGHT AGAINST THE CHICKENMILET. (GE)

G Brod

Gesunde Pflanzen 19(3):52-56

464 8 G33

Agricultural research, Biology, Chickens, Echinochloa crusgalli, Herbicides, Millet.

332-69

URINARY CONVERSION PRODUCTS OF INJECTED PROGESTERONE-4-14-C IN THE DOMESTIC FOWL.

P H Chen R H Common

Can J Biochem 47(1):39-45 REF

Jan 1969 470 C16E

Biochemistry, Carbon isotopes, Injections, Metabolism, Poultry, Progesterone, Radioactivity, Urine.

333-69

SCRUB TICK PARALYSIS IN FARM ANIMALS.

S G Knott

Queensland Agr J 94(8):470-474

Aug 1968 23 Q33

Aging, Immunity, Insecticides, Ixodes holocyclus, Livestock, Paralysis, Veterinarians.

334-69

PHARMACEUTICAL GUIDE FOR VETERINARIANS AND STUDENTS OF VETERINARY MEDICINE. (GE)

C Meinecke P Pfliegel H Richter

229P LEIPZIG, S. HIRZEL

1967 SF915.M4

Pharmacology, Veterinarians, Veterinary medicine.

335-69

FIRST REPORT OF THE REGULAR LIMNOLOGICAL SURVEY OF LAKE BIWA (OCT. 1965 -DEC. 1966) IV. BEOTHOS.

N Suzuki S Mori

Koto Univ Fac Sci Mem Ser Biol (N S)I(1):78-94

Oct 1967 OH301.K9

Limnology, Reports, Surveys, Time.

336-69

FIRST REPORT OF THE REGULAR LIMNOLOGICAL SURVEY OF LAKE BIWA (OCT. 1965 -DEC. 1966) III. ZOOPLANKTON.

K Yamamoto

Koto Univ Fac Sci Mem Ser Biol (N S)I(1):62-77

Oct 1967 OH301.K9

Aquatic animals, Limnology, Plankton, Reports, Surveys, Time.

337-69

HISTAMINE IN THE COW: PRE- AND POST-PARTURITION HISTAMINE CONCENTRATIONS IN PLASMA, MILK, AND TISSUE.

A Zarkower

Amer J Vet Res 28(127):1751-1755 REF

Nov 1967 41.8 AM3A

Animal physiology, Blood plasma, Cattle, Histamine, Mammary glands, Milk, Parturition, Tissues.

DISEASES

338-69

INTERSTATE TRANSPORTATION OF ANIMALS AND POULTRY. SCABIES IN SHEEP. INTERSTATE MOVEMENT.

R J Anderson

Fed Regist 34(16):1113

24 Jan 1969 L1.451

Animals, Interstate commerce, Legislation, Livestock diseases, Poultry, Scabies, Sheep.

339-69

ANTI-RABIES VACCINATIONS AT THE TOULOUSE UNIVERSITY HOSPITAL CENTER IN 1967. (FR)

G Andrieu

Inst Pasteur Ann 115(2):312-313

Aug 1968 448.3 AN75

Animal vectors, Drug therapy, Human diseases, Immunization, Paralysis, Preventive medicine, Rabies, Vaccines.

340-69

EXPERIMENTAL INFECTION OF CALVES WITH MYXOVIRUS PARAINFLUENZA-3 AND PASTEURELLA HAEMOLYTICA.

D E Baldwin R G Marshall G E Wessman

Amer J Vet Res 28(127):1773-1782 REF

Nov 1967 41.8 AM3A

Antibodies, Calves, Livestock diseases, Parainfluenza-3, Pasteurella haemolytica, Respiratory diseases.

341-69

DURATION OF IMMUNITY DUE TO THE USE OF ANTI HOOF AND MOUTH DISEASE VACCINE PREPARED WITH 10 AND 25 MILLIGRAMS OF SAPONINE PER DOSE. (FR)

O Bayramoglu N Unluleblelici H C Girard

Acad Vet France Bull 41(4):165-168

Apr 1968 41.9 R24

Dosage, Foot-and-mouth disease, Immunity, Livestock diseases, Saponins, Vaccines.

342-69

THE EFFECTIVENESS OF MIXED FEED ENRICHED WITH LYSINE AND METHIONINE WHEN APPLIED FOR CALF BREEDING. (RUS)

J Berzins S Zakharchenko I Zakharchenko

Latv P Sr Zinat Akad Vestis 4(249):87-92 REF

1968 511 R442

Animal nutrition, Breeding, Cattle, Feed, Lysine, Methionine.

343-69

DIAGNOSIS AND PROPHYLAXIS OF INFECTIOUS LARYNGEAL TRACHEITIS OF POULTRY IN THE USSR. (GE)

B F Bessarabov

Monatsh Vet 22(21):869-872 REF

01 Nov 1967 41.8 M742

Animal diseases, Diagnosis, Epidemiology, Infectious diseases, Laryngotracheitis, Poultry, Vaccines. English summary.

344-69

THE PRESENT CLINICAL AND PATHOLOGICAL PICTURE OF CHRONIC ERYSIPELAS INFECTION IN PIGS. III-V. (GE)

W Bisping K H Bohm E Weiland H Wissdorf L C Schulz

Deut Tierarztl Wochensh 75(18):445-456 REF

15 Sep 1968 41.8 D482

Arthritis, Bacterial diseases (animals), Diagnosis, Erysipelothrix insidiosa, Infectious diseases, Listeria monocytogenes, Methylene blue, Serological tests, Swine erysipelas, Symptomatology. English summary.

345-69

TWO SIDES TO THE VACCINE PICTURE.

P G Box

Poultry Indus 32(4):39,41

Jun 1968 47.8 P8644

Antibiotics, Birds, Immunization, Legislation, Livestock diseases, Newcastle disease vaccines, Poultry industry, Vaccines, Viruses.

346-69

CONTROL BY OVARIAN STATUS OF INDUCED LEUKOCYTIC RESPONSES IN THE SHEEP UTERUS.

T H Brinsfield H W Hawk E C Leffel

Amer J Vet Res 28(127):1723-1725

Nov 1967 41.8 AM3A

Animal physiology, Escherichia coli, Leukocytes, Ovaries, Sheep, Uterus.

347-69

EVALUATION OF BRUCELLA ABORTUS STRAIN 45/20 BACTERINS PREPARED WITH VARIOUS ADJUVANTS.

G M Brown

U S Agr Res Serv ARS- (70):1-8 REF

Dec 1968 A41.9 R315AR

Animal physiology, Bacterial diseases (animals), Bacterins, Brucella abortus, Guinea pigs, Immunization, Immunology, Laboratory animals, Tissues, Virulence.

348-69

A PERPLEXING CASE OF HOG CHOLERA CONFIRMED BY VIRUS ISOLATION AND SUPPORTED BY THE FLUORESCENT ANTIBODY SERUM NEUTRALIZATION TEST.

E A Cabrey W C Stewart E R Seaman W V Rumpfer

U S Agr Res Serv ARS- (70):9-10

Dec 1968 A41.9 R315AR

Diagnosis, Erysipelothrix insidiosa, Fluorescent antibody technic, Hog cholera, Livestock diseases, Serum neutralization test, Swine, Virus diseases (animals).

349-69

NEURAL LESIONS IN THE OFFSPRING OF FEMALE RATS FED A COPPERDEFICIENT DIET.

W W Carlton W A Kelly

J Nutr 97(1):42-52 REF

Jan 1969 389.8 J82

Animal nutrition, Copper, Deficiency diseases, Diet, Nerves, Rats.

350-69

DRUGS: HOW DO YOU USE THEM .

L H Carroll

Cattlemen 55(6):38,58

Nov 1968 49 C29

Antibiotics, Cattle, Drug therapy, Drugs, Livestock diseases, Preventive medicine, Vaccines.

351-69

HISTOPATHOLOGIC STUDIES OF LUNG CHANGES IN SCRAPIE AND NONSCRAPIE BLOOD LINE SHEEP MAINTAINED IN A SCRAPIE ENVIRONMENT.

D R Cassidy H A McDaniel

U S Agr Res Serv ARS- (70):43-44

Dec 1968 A41.9 R315AR

Animal histology, Blood, Diagnosis, Erysipelothrix insidiosa, Histopathology, Livestock diseases, Lungs, Scrapie, Sheep, Tissues.

352-69

ERYSIPELAS--OUR COSTLIEST PIG DISEASE.

D C Clague

Queensland Agr J 94(8):511-513

Aug 1968 23 Q33

Autopsies, Diagnosis, Erysipelas bacterins, Erysipelothrix insidiosa, Livestock diseases, Swine, Vaccines.

353-69

INHIBITION OF ELECTRON TRANSPORT ENZYMES AND CHOLINESTERASES BY ENDRIN. (ABSTRACT).

H J Colvin A T Phillips

Excerpta Med Pharn Toxicol 21(11):550

Nov 1968 241.64 EX23

Animal physiology, Cholinesterases, Electrons, Endrin, Enzymes, Icterus melas, Pesticides. From Bulletin of Environmental Contamination and Toxicology, 1968, 3/2, (146-115).

354-69

STUDIES ON ACUTE MAREK'S DISEASE. VI. BODY TEMPERATURE OF INFECTED CHICKENS.

W M Colwell S C Schmittle

Avian Dis 7(4):716-723

Nov 1968 41.8 AV5

Avian lymphomatosis, Chickens, Livestock diseases, Research, Temperature.

- 355-69
CONSIDERATIONS ABOUT SOME DISEASES OF FOWL TRANSMITTABLE TO MAN: ASPERGILLOSIS, MONILIASIS, STAPHYLOCOCCOSIS. (FR)
A Devos
Rev Med Vet (toulouse) 119(11):1023-1029 REF
Nov 1968 41.8 R32
Aspergillosis, Human diseases, Infectious diseases, Monilliasis, Poultry diseases, Staphylococcus. English, German and Spanish summaries.
- 356-69
FELINE PANLEUCOPENIA - A SEROLOGICAL STUDY.
L B Fastier
Vet Rec 83(25):653-655
21 Dec 1968 41.8 V641
Animal diseases, Antibodies, Cats, Dosage, Feline infectious enteritis, Immunization, Serological tests, Vaccines, Virus diseases (animals).
- 357-69
PRELIMINARY STUDY OF AN ENTEROVIRUS ISOLATED FROM A BALANOPOSTHITE LESION OF CATTLE. (FR)
P Faye A Charton A Berkloff C Bernard Cl Le Layec
Acad Vet France Bull 41(4):155-159
Apr 1968 41.9 R24
Artificial insemination, Balanoposthitis, Livestock diseases, Reproductive organs, Serological tests.
- 358-69
APPLICATION OF STRESSES TO FOOT-AND-MOUTH DISEASE VIRUS.
O N Fellows
Amer J Vet Res 28(12):1873-1880 REF
Nov 1967 41.8 AM3A
Biological assay, Foot-and-mouth disease virus, Research, Tissue culture.
- 359-69
ENDOTOXIN PROPERTIES OF LEPTOSPIRA CANICOLA.
D R Finco D G Low
Amer J Vet Res 28(12):1863-1872 REF
Nov 1967 41.8 AM3A
Animal diseases, Chickens, Culture media, Embryos, Endotoxins, Escherichia coli, Leptospira canicola, Rabbits.
- 360-69
AIRSACCULITIS RELATION TO MYCOPLASMAS IN TURKEYS FREE OF MYCOPLASMA GALLISEPTICUM.
M L Frey D P Anderson R P Hanson
Avian Dis 7(4):693-699
Nov 1968 41.8 AV5
Air sacculitis, Livestock diseases, Mycoplasma, Mycoplasma gallisepticum, Turkeys.
- 361-69
SOME EFFECTS OF ROUTE OF ADMINISTRATION AND DILUTION ON THE TOXICITY OF CARBON TETRACHLORIDE DRENCHES FOR SHEEP.
C D Gee
Inst Vet Insp New S Wales Vet Insp Annu 31:80-83
1967 41.9 IN73
Biochemistry, Carbon tetrachloride, Drug therapy, Livestock diseases, Sheep.
- 362-69
ACUTE AND CHRONIC ERYSIPELOTHRIX RHUSIOPATHIAE INFECTION IN RATS: HISTOPATHOLOGICAL EXAMINATION.
H D Geissinger
Zentralbl Vet (SER B)15(4):471-485
Jun 1968 41.8 Z52
Animal diseases, Animal histology, Arteritis, Diagnosis, Erysipelothrix insidiosa, Rats. German, French, Spanish summaries.
- 363-69
A SEROLOGICAL INQUIRY ABOUT BRUCELLOSIS IN TOULOUSE VETERINARY STUDENTS. (FR)
M F Geral J Lasserre P Saurat R Lautic J Chantal
Rev Med Vet (toulouse) 119(11):1005-1022 REF
Nov 1968 41.8 R32
Antibodies, Brucellosis, Human diseases, Kinetics, Serological tests. English, German and Spanish summaries.
- 364-69
RESEARCH NOTE: OBSERVATIONS ON IMMUNE FACTORS ASSOCIATED WITH ARIZONA GROUP INFECTIONS IN TURKEYS.
H Gerlach H E Adler A S Rosenwald
Avian Dis 7(4):681-686
Nov 1968 41.8 AV5
Bacteria, Eggs, Immunity, Livestock diseases, Paracolobactrum arizonae, Research, Turkeys.
- 365-69
MEDICAL OBSERVATIONS CONCERNING ORNITHOSIS CONTROL IN THE POULTRY INDUSTRY. (GE)
H Grahnies
102P REF BERLIN, VOLK uND GESUNDHEIT
1967 SF995.G7
Human diseases, Occupational diseases, Ornithosis, Poultry diseases, Poultry industry, Serological tests, Symptomatology, Veterinary medicine, Virus diseases (animals).
- 366-69
A FOCAL POINT OF PSEUDORABIES OF DOGS IN THE DEPARTMENT OF AIN. (FR)
J-C Guillon C Chirol A Vallee J-C Cordailat J-C Beylot
Acad Vet France Bull 41(4):177-179
Apr 1968 41.9 R24
Dogs, Pseudorabies, Symptomatology, Virus diseases (animals).
- 367-69
A SELECTIVE-DIFFERENTIAL MEDIUM FOR DETECTION OF STREPTOCOCCUS AGALACTIAE.
R K Guthrie K W Brunson J C Stiles
Can J Comp Med Vet Sci 32(1):366-367
Jan 1968 41.8 C162
Animal diseases, Culture media, Dairy cattle, Milk, Streptococcus agalactiae.
- 368-69
THE ERADICATION OF BOVINE TUBERCULOSIS AND BRUCELLOSIS.
R A Hall
Inst Vet Insp New S Wales Vet Insp Annu 31:21-26
1967 41.9 IN73
Brucellosis, Cattle, Livestock diseases, Tuberculosis.
- 369-69
SWINE MASTITIS-METRITIS AGALACTIA SYNDROME.
R E Hall F J Giesler
Hog Prod 4(7):4
Jul 1968 46.8 H675
Agalactia, Animal diseases, Antibiotics, Chemical control (animal diseases), Escherichia coli, Hormones, Mastitis, Metritis, Starvation, Swine, Symptomatology.
- 370-69
EFFECT OF DIETARY FAT SOURCE ON THE APPARENT DIGESTIBILITY OF FAT AND THE COMPOSITION OF FECAL LIPIDS OF THE YOUNG PIG.
R M G Hamilton B E McDonald
J Nutr 97(1):33-41 REF
Jan 1969 389.8 J82
Animal nutrition, Diet, Digestion, Fats, Feces, Lipids, Swine.
- 371-69
ORYZOXMYCIN, A NEW ANTIBIOTIC.
T Hashimoto S Kondo
J Antibiot 21(11):653-658
Nov 1968 396.8 J824
Antibiotics, Oryzoxymycin, Streptomyces, Xanthomonas oryzae. Oryzoxymycin, from Streptomyces, inhibited Xanthomonas.
- 372-69
EQUINE OVARIAN GRANULOSA TUMOURS.
G J R Hovell S L Hignett
Vet Rec 82(21):607
25 May 1968 41.8 V641
Animal abnormalities, Chorionic gonadotropins, Granulosa cell tumor, Horses, Neoplasms, Ovarian cysts, Teratoma.
- 373-69
BRUCELLA OVIS INFECTION.
K L Hughes
Inst Vet Insp New S Wales Vet Insp Annu 31:64-67 REF
1967 41.9 IN73
Brucella ovis, Livestock diseases, Sheep.
- 374-69
CHOLERA ERADICATION PROGRESS REPORT.
Iowa Vet 39(6,NOV-DEC):5-8 REF
1968 41.8 IO9
Agricultural regulation, Hog cholera, Immunization, Livestock diseases, Reports, Swine, Vaccines.
- 375-69
ATTENUATION OF HOG CHOLERA VIRUS IN THE CARRIER CELL STRAINS ESTABLISHED FROM KIDNEYS OF PIGS EXPERIMENTALLY INFECTED WITH THE VIRULENT VIRUS.
H Izawa M Soekawa
Amer J Vet Res 28(127):1661-1669
Nov 1967 41.8 AM3A
Animal diseases, Disease transmission, Hog cholera virus, Kidneys, Swine, Tissue culture, Viruses.
- 376-69
STUDIES ON THE EPIDEMIOLOGY OF VESICULAR STOMATITIS VIRUS.
E W Jenney C L Brown
US Agr Res Serv ARS-(70):35-40 REF
Dec 1968 A41.9 R315AR
Arthropoda, Diagnosis, Epidemiology, Insect vectors, Livestock diseases, Serological tests, Vesicular stomatitis virus, Virus diseases (animals).
- 377-69
THE PRACTICE OF THE PRESENT DIAGNOSTIC OF RABIES. (FR)
L Joubert M Lombard
Rev Med Vet (toulouse) 119(11):1041-1056
Nov 1968 41.8 R32
Autopsies, Diagnosis, Fluorescence, Immunofluorescence, Rabies, Virus diseases (animals). English, German and Spanish summaries.
- 378-69
CONCENTRATION OF CERTAIN MYXOVIRUSES WITH POLYETHYLENE GLYCOL.
A D Kanarek G W Tribe
Nature 214(5091):927-928
27 May 1967 472 N21
Assay, Chromatography, Hemagglutination, Microbiology, Myxoviruses, Polyethylene glycol, Tables (data), Virus diseases (animals).
- 379-69
NOTICE OF FILING OF PETITION FOR FOOD ADDITIVES DECOQUINATE AND PROCAINE PENICILLIN.
J K Kirk
Fed Regist 34(14):946
22 Jan 1969 L1.451
Chemical control (animal diseases), Chickens, Coccidiosis, Decoquinat, Feed, Food additives, Legislation, Penicillin, Procaine.
- 380-69
TRICHINOSIS AND SARCOSPORIDIOSIS IN A PUMA.
J P Kluge
Wildlife Dis Ass Bull 3(3):110-111
Jul 1967 41.9 W64B

381-69

Cytoplasm, Dict, *Felis concolor*, Histology, Reports, Research, Sarcosporidiosis, Trichinella spiralis.

381-69

IF VACCINES GO - WILL HOG CHOLERA FOLLOW.

C R Koch

Farm Quart 23(6,WINTER):78-79,97-98, 100
1969 6 F22995

Hog cholera, Hog cholera vaccines, Swine, Virus diseases (animals).

382-69

CARD BRUCELLOSIS TEST... SWINE.

V D Ladwig

Iowa Vet 39(6,NOV-DEC):9-11,14
1968 41.8 IO9

Agricultural regulation, Brucellosis, Diagnosis, Livestock diseases, Swine.

383-69

ANTI-RABIES VACCINATIONS AT THE MONTELLIER CENTER IN 1967. (FR)

G Lanotte

Inst Pasteur Ann 115(2):310-311
Aug 1968 448.3 AN75

Animal vectors, Drug therapy, Human diseases, Immunization, Paralysis, Preventive medicine, Rabies, Vaccines.

384-69

ANTI-RABIES VACCINATIONS AT THE PASTEUR INSTITUTE OF LYON IN 1967. (FR)

F Lebeuf

Inst Pasteur Ann 115(2):305-307
Aug 1968 448.3 AN75

Animal vectors, Drug therapy, Human diseases, Immunization, Paralysis, Preventive medicine, Rabies, Vaccines.

385-69

SUSCEPTIBILITY OF EMBRYONIC SWINE SPLEEN AND SWINE KIDNEY CELL LINES TO HOG CHOLERA VIRUS.

L R Lee E A Carbrej W C Stewart J I Dresse

U S Agr Res Serv ARS- (70):22-23
Dec 1968 A41.9 R315AR

Cells, Embryos, Hog cholera virus, Kidneys, Livestock diseases, Spleen, Susceptibility, Swine, Virus diseases (animals).

386-69

ISOLATION AND CHARACTERIZATION OF A PORCINE ENTEROVIRUS.

L R Lee W C Stewart J I Kresse E A Carbrej

U S Agr Res Serv ARS- (70):13-18
Dec 1968 A41.9 R315AR

Diagnosis, Enteroviruses, Hog cholera, Livestock diseases, Swine, Tissue culture, Virus diseases (animals).

387-69

ANTI-RABIES VACCINATIONS AT THE PASTEUR INSTITUTE IN 1967. (FR)

P Lepine P Atanasiu A Famet J F Vieu Ch Vialat
Inst Pasteur Ann 115(2):297-304

Aug 1968 448.3 AN75

Animal vectors, Drug therapy, Human diseases, Immunization, Preventive medicine, Rabies, Vaccines.

388-69

TUBERCULOSIS IN THE PIG AND THE TUBERCULIN TEST.

I W Lesslie K J Birn P Stuart P A F O'Neill J Smith

Vet Rec 83(25):647-651 REF
21 Dec 1968 41.8 V641

Dosage, Livestock diseases, Mycobacterium avium, Mycobacterium bovis, Mycobacterium tuberculosis, Swine, Tuberculin, Tuberculin test, Tuberculosis.

389-69

THE OCCURRENCE OF STREPTOCOCCI OF VARIOUS SEROLOGICAL GROUPS AS THE

CAUSE OF MASTITIS WITH SPECIAL CONSIDERATION OF GROUP L. (GE)

P Lorenzen

Arch Lebensmittelhgy 19(3):57-60
Mar 1968 41.8 L49

Food sanitation, Human nutrition, Livestock diseases, Mastitis, Milk analysis, Serological tests, Streptococcus, Streptococcus agalactiae.

390-69

EPIZOOTIOLOGY OF BLUETONGUE. ABSTRACT.

A J Luedke

Wildlife Dis Ass Bull 3(3):119
Jul 1967 41.9 W64B

Bluetongue virus, Epizootic diseases, Immunology, Infectious diseases, Research, Ruminants. Abstract from Wildlife Disease Conference in Illinois

391-69

CHARACTERISATION AND FRACTIONISATION OF VARIOUS STRAINS OF TESCHEN VIRUS BY COLUMN CHROMATOGRAPHY AND ELECTROPHORESIS. (GE)

W Matthaeus

Zentralbl Vet (SER B) 15(4):443-452 REF
Jun 1968 41.8 Z52

Autoradiography, Chromatography, Electrophoresis, Swine, Teschen disease virus, Tissue culture, Virus diseases (animals). English, French, Spanish summaries. the strains of Teschen virus were Konratice and Tyrol.

392-69

A FILTERABLE, PROLIFERATING FACTOR SIMULATING AUTOIMMUNITY IN MALARIOUS AND NONMALARIOUS DUCKLINGS.

R B McGhee W E Loftis

Exp Parasitol 22(3):299-308 REF
Jun 1968 436.8 EX7

Anemia, Ducklings, Immunity, Malaria, Plasmodium lophurae.

393-69

EVALUATION OF THE FLUORESCENT ANTIBODY-CELL CULTURE TESTS FOR HOG CHOLERA DIAGNOSIS.

W L Mengeling J P Torrey

Amer J Vet Res 28(127):1653-1659 REF
Nov 1967 41.8 AM3A

Animal diseases, Blood tests, Fluorescent antibody technic, Hog cholera, Hog cholera virus, Spleen, Swine, Tissue culture.

394-69

HEREDITY AND DISEASE IN DOMESTIC ANIMALS. (GE)

H Meyer

158P REF HANNOVER, M. AND HI SCHIAPER
1968 SF758.M4

Animal diseases, Animal genetics, Genes, Hereditary diseases, Immunity, Livestock.

395-69

AN OUTBREAK OF DUCK VIRUS ENTERITIS (DUCK PLAGUE) IN THE UNITED STATES.

R L Muhm

U S Agr Res Serv ARS- (70):29-32
Dec 1968 A41.9 R315AR

Ducks, Enteritis, Epidemiology, Virus diseases (animals).

396-69

EXPERIMENTAL DATA ON THE PATHOGENESIS OF EDEMA DISEASE OF SWINE. CLINICAL PICTURE, GROSS AND MICROSCOPIC LESIONS RELATED TO ENDOTOXIN SHOCK.

Z Nagy I Bercei L Bertok

Zentralbl Vet (SER B) 15(4):504-511 REF
Jun 1968 41.8 Z52

Diagnosis, Edema disease, Endotoxins, Escherichia coli, Lipopolysaccharides, Livestock diseases, Research, Shock, Swine. German, French, Spanish summaries.

397-69

NUTRIENT REQUIREMENTS OF POULTRY.

Nat Res Counc Comm Anim Nutr Nutr Requir Doim Anim (1):28P REF

1966 389.7 N2122

Animal nutrition, Chickens, Deficiency diseases, Feed, Minerals, Poultry, Symptomatology, Turkeys, Vitamins.

398-69

NUTRIENT REQUIREMENTS OF DAIRY CATTLE.

Nat Res Counc Camin Anim Nutr Nutr Requir Doim Anim (3):38P REF

1966 389.7 N2122

Animal nutrition, Antibiotics, Dairy cattle, Deficiency diseases, Energy, Feed, Minerals, Proteins, Urea, Vitamins, Water.

399-69

NUTRIENT REQUIREMENTS OF HORSES.

Nat Res Counc Canin Anim Nutr Nutr Requir Dam Anim (6):1-22 REF

1966 389.7 N2122

Animal nutrition, Animal physiology, Feeds, Horses, Minerals, Proteins, Vitamins.

400-69

REPORT OF THE COMMITTEE ON NOMENCLATURE AND REPORTING OF DISEASE, NORTHWESTERN CONFERENCE ON AVIAN DISEASES, JUNE 1968.

Avian Dis 7(4):730-736

Nov 1968 41.8 AV5

Livestock diseases, Nomenclature, Poultry, Reports.

401-69

STUDIES ON PREVENTION OF MINK-DISTEMPER. (JA)

S Ohkuma Y Fukuda T Shimamura T Saito
Tokyo Soc Vet Zootech Sci J (14/15):54-57

Dec 1965 41.9 T574

Animal diseases, Canine distemper, Minks.

402-69

BREAST BLISTERS IN TURKEYS.

R T Parry

Poultry Rev 8(2):23-29 REF
Sep 1968 47.8 P8699

Agricultural industries, Bacteria, Bacterial diseases (birds), Economics, Keel cysts, Microorganisms, Poultry diseases, Turkeys.

403-69

MODIFICATIONS OF THE NATURAL RESISTANCE TO INFECTION OF MICE TREATED BY SEVERAL HISTONE FRACTIONS. (FR)

M Pelletier A Delaunay

Inst Pasteur Ann 115(2):249-263 REF
Aug 1968 448.3 AN75

Dosage, Histones, Injections, Mice, Salmonella typhimurium. English summary.

404-69

THE INACTIVATION EFFECT OF BETA-PROIOLACTONE ON THE VIRUS OR THE CLASSICAL FOWL PLAGUE. (CZ)

R Polony J Vrtiak

Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(1):31-36 REF
Jan 1968 41.9 C333

Chemical control (animal diseases), Drug therapy, Fowl plague virus, Hydracrylic acid beta-lactone, Temperature, Vaccines, Virus diseases (animals). English, German, and Russian summaries.

405-69

TONSILLAR CARCINOMA IN RURAL DOGS.

W L Ragland Gorham

Nature 214(5091):925-926
27 May 1967 472 N21

Air pollution, Animal diseases, Carcinoma, Dogs, Neoplasms, Rural population, Tonsils.

406-69

BOVINE OSTERTAGIOSIS. ANALYTICAL BIBLIOGRAPHIC REVIEW OF THE DISEASE, ITS TREATMENT AND ITS PROPHYLAXIS. (FR)

- J P Raynaud
Rec Med Vet 144(8):743-769 REF
Aug 1968 41.8 R24
Animal diseases, Bibliography, Cattle, Diagnosis, Disease control, Drugs, Ecology, Etiology, Fascioliasis, Nematodes, Ostertagia ostertagi, Ostertagiasis, Pastures, Symptomatology. English and Spanish summaries.
- 407-69
CONTRIBUTION TO THE STUDY OF THE PROTECTION OF DOMESTIC RABBIT AGAINST TOTAL IRRADIATION BY GAMMA RADIATION. (FR)
A G Rico G Lorgue
Rev Med Vet (toulouse) 119(11):1031-1040
Nov 1968 41.8 R32
Deoxyribonucleic acid, Gamma rays, Irradiation, Rabbits, Research, X-rays. English, German and Spanish summaries.
- 408-69
THE USE OF BRUCELLA WHEY COMPLEMENT FIXATION TEST IN A HERD OUTBREAK.
L Robertson I D Farrell
Vet Rec 83(25):643-646
21 Dec 1968 41.8 V641
Agglutination test, Antibodies, Brucella abortus, Cattle, Complement fixation, Livestock diseases, Milk analysis, Udders, Vaccines.
- 409-69
PREVENTION, DIAGNOSIS AND TREATMENT OF DISEASE.
J D Russell F L Adams
Amer Fur Breeder 14(3):143-171
Dec 1968 41.0 AM33
Animal diseases, Diagnosis, Disease control, Drug therapy, Minks. Many specific diseases were listed including the symptoms, causes, and treatments.
- 410-69
PATHOGENESIS OF THE ROUND HEART SYNDROME IN TURKEYS.
J H Sautter J A Newman S H Kleven C T Larsen
Avian Dis 7(4):614-628 REF
Nov 1968 41.8 AV5
Heart, Livestock diseases, Round heart disease, Turkeys.
- 411-69
CHARACTERIZATION OF AGGLUTININS OF CATTLE SERUM AGAINST BRUCELLA ABORTUS.
D Schimmel W Erler
Amer J Vet Res 28(12):1919-1920
Nov 1967 41.8 AM3A
Blood serum, Brucella abortus, Cattle, Serological tests.
- 412-69
STUDIES ON ACUTE MAREK'S DISEASE. IV. RELATIVE SUSCEPTIBILITY OF DIFFERENT LINES AND CROSSES OF CHICKENS TO GA ISOLATE.
S C Schmittle C S Eidson
Avian Dis 7(4):571-576 REF
Nov 1968 41.8 AV5
Avian lymphomatosis, Breeding, Chickens, Immunity, Livestock diseases, Research.
- 413-69
AN OUTBREAK OF RABIES IN SWINE.
K C Sherman D C Gigstad H A McDaniel
U S Agr Res Serv ARS- (70):53-54
Dec 1968 A41.9 R315AR
Animal histology, Diagnosis, Encephalitis, Epidemiology, Fluorescent antibody technic, Livestock diseases, Rabies, Swine.
- 414-69
A NEW TYPE IN EXPERIMENTAL INTRAPERITONEAL INFECTION OF STAPHYLOCOCCI IN MICE.
T. Shimizu Y Ito S Shibata
Tokyo Nat Inst Anim Health Quart 8(1):8-15
SPRING, REF
1968 41.9 T575Q
Animal diseases, Coagulase, Immunization, Mice, Peritoneum, Staphylococcus.
- 415-69
TICK FEVER IN POULTRY.
I P Singh
Com Hort Floristry 4(3):23-24
Jan 1968 S19.P7
Blood parasites, Borrelia anserina, DDT, Insect control, Ixodides, Malathion, Microscopy, Penicillin, Piroplasmosis, Poultry, Poultry diseases, Symptomatology, Vaccines.
- 416-69
MASTITIS PREVENTION AND CONTROL.
R P Singh
Gosamvardhana 16(5):31
Aug 1968 43.8 G69
Bacteria, Cattle, Chemical control (animal diseases), Fungi, Livestock diseases, Mammary glands, Mastitis, Milk analysis, Yeasts.
- 417-69
ANTI-RABIES VACCINATIONS AT THE MARSILLE PASTEUR CENTER IN 1967. (FR)
J Sivan
Inst Pasteur Ann 115(2):308-309
Aug 1968 448.3 AN75
Animal vectors, Drug therapy, Human diseases, Immunization, Paralysis, Preventive medicine, Rabies, Vaccines.
- 418-69
COMPARATIVE STUDY OF THE PATHOGENIC AND IMMUNOGENIC POWER OF A NEW ACAPSULOGENIC STRAIN OF BACILLUS ANTHRACIS (IHTIMAN STRAIN). (FR)
R S Slavtchev
Inst Pasteur Tunis Arch 44(4):383-390
Dec 1967 448.3 IN72
Animal diseases, Bacillus anthracis, Immunology, Laboratory animals.
- 419-69
ISOLATION OF RABIES VIRUS FROM FRUIT BATS IN THAILAND.
P C Smith K Lawhasnadi W E Vick J S Stanton
Nature 216(5113):384
28 Oct 1968 472 N21
Animal vectors, Bats, Brain, Fluorescent antibody technic, Injections, Mice, Rabies virus, Research, Salivary glands, Virus diseases (animals).
- 420-69
BLOOD CHEMICAL AND CELLULAR CHANGES IN CANINE DIROFILARIASIS.
J W Snyder S K Liu R J Tashjian
Amer J Vet Res 28(127):1705-1710
Nov 1967 41.8 AM3A
Alpha globulins, Blood chemistry, Blood composition, Dirofilaria immitis, Dogs, Gamma globulins, Serum albumin.
- 421-69
DISEASE REPORTS OF THE SOUTHERN CONFERENCE ON A VIAN DISEASES (SCAD) 1967.
Avian Dis 7(4):737-754
Nov 1968 41.8 AV5
Livestock diseases, Poultry, Reports.
- 422-69
DIFFERENTIATION OF MYCOBACTERIA ISOLATED FROM DOMESTIC ANIMALS. (GE)
H Stenberg A Turunen
Zentralbl Vet (SER B) 15(4):494-503 REF
Jun 1968 41.8 Z52
Diagnosis, Livestock diseases, Mycobacterium, Tuberculosis. English, French, Spanish summaries.
- 423-69
STUDIES ON THE CHROMATIN ISOLATED FROM THE ORGANS OF ANIMALS RECEIVED WHOLE-BODY X-RAY IRRADIATION.
H Su Nam
Seoul Univ J Biol Agr Ser (b) (SER B) 18:118-127
REF
Sep 1967 442.9 SO84
Animals, Biochemistry, Chromatin, Deoxyribonucleic acid, Proteins, Viscera, X-rays. Chinese summary
- 424-69
EFFECT OF DIFFERENT PATTERNS OF EXCESS AMINO ACIDS ON PERFORMANCE OF CHICKS FED AMINO ACID-DEFICIENT DIETS.
M Sugahara D H Baker H M Scott
J Nutr 97(1):29-32
Jan 1969 389.8 J82
Amino acids, Animal nutrition, Chickens, Deficiency diseases, Diet.
- 425-69
THE EFFECTS OF VARIOUS DRUGS ON EXPERIMENTAL CHICKEN COCCIDIOSIS. (JA)
M Taniguchi K Nomata
Tokyo Soc Vet Zootech Sci J (14/15):58-68 REF
Dec 1965 41.9 T574
Chickens, Coccidiosis, Drug therapy, Poultry diseases.
- 426-69
EFFECTIVENESS OF ANTIBACTERIALS INFUSED INTO THE PROXIMAL COLON ON THE PIG.
H S Teague A P Grifo R L Harrold D R Redman
J Anim Sci 28(1):13-17
Jan 1969 49 J82
Antibiotics, Bacteria, Colon, Dosage, Drug therapy, Research, Swine.
- 427-69
INFLUENCE OF MICROORGANISMS ON INTESTINAL ABSORPTION: OLEIC ACID 131I AND TRIOLEIN 131I ABSORPTION BY GERM-FREE AND CONVENTIONALIZED RATS.
B Tennant M Reina-Guerra D Harrold M Goldman
J Nutr 97(1):65-69 REF
Jan 1969 389.8 J82
Absorption, Animal physiology, Germ-free life, Intestines, Microorganisms, Oleic acid, Rats, Triolein.
- 428-69
EXPERIMENTAL BLUETONGUE DISEASE IN WHITE-TAILED DEER. ABSTRACT.
D O Trainer R A Vosdingh B C Easterday
Wildlife Dis Ass Bull 3(3):120
Jul 1967 41.9 W64B
Bluetongue virus, Deer, Infectious diseases, Mortality, Research. Abstract from Wildlife Disease Conference in Illinois
- 429-69
INDIRECT COMPLEMENT FIXATION IN FOOT-AND-MOUTH DISEASE. I. STUDY OF ANTIBODY RESPONSE IN EXPERIMENTAL CATTLE AND SHEEP. II. SCREENING OF CATTLE SERUM.
E Traub M Hessami A Shafiqi
Zentralbl Vet (SER B) 15(4):421-442 REF
Jun 1968 41.8 Z52
Antibodies, Cattle, Complement fixation, Foot-and-mouth disease, Immunization, Livestock diseases, Serum, Sheep, Tissue culture, Virus diseases (animals). German, French, Spanish summaries.
- 430-69
THE HISTORY OF INVESTIGATION OF TUMORS IN ANIMALS. (GE)
H Trebbin
Deut Tierarztl Wochensh 75(18):463-464 REF
15 Sep 1968 41.8 D482
Animal diseases, Cancer, History, Human diseases, Neoplasms. English summary.
- 431-69
EXPERIMENTAL BLUETONGUE DISEASE IN WHITE-TAILED DEER.
R A Vosdingh D O Trainer B C Easterday
Can J Comp Med Vet Sci 32(1):382-387 REF
Jan 1968 41.8 C162
Bluetongue, Deer, Research, Virus diseases (animals).

432-69
PINKEYE IN CATTLE.
 C E J Walker
Inst Vet Insp New S Wales Vet Insp Annu 31:28-29
 1967 41 9 IN73
 Cattle, Eyes, Infectious keratitis, Livestock diseases.

433-69
PENETRATION PATTERNS OF MYCOPLASMA GALLISEPTICUM AND NEWCASTLE DISEASE VIRUS THROUGH THE OUTER STRUCTURES OF CHICKEN EGGS.
 J E Williams L H Dillard
Avian Dis 7(4):650-657 REF
 Nov 1968 41.8 AV5
 Chickens, Eggs, Mycoplasma gallisepticum, Newcastle disease virus, Virus diseases (animals).

434-69
CYTOCHROME C AND EVOLUTION.
 T Yamanaka
Nature 213(5082):1183-1186 REF
 25 Mar 1967 472 N21
 Bacillus subtilis, Biochemistry, Cattle, Cytochrome oxidase, Pseudomonas aeruginosa.

ARTHROPODS

435-69
GET RID OF GRUBS IN A HURRY.
 B Fichte
Cattleman 55(6):112-114
 Nov 1968 49 C29
 Blood tests, Chemical control (insects), Grubs, Hides, Insect pests, Insecticides, Livestock, Pest control.

436-69
TRYPANOSOMA GLABRA N. SP., PARASITE OF MEXICAN FROGS. MORPHOLOGY AND CYCLE IN THE VERTEBRATE. (SP)
 R Perez-Reyes
Rev Latinoamer Microbiol Parasitol 10(2, APR-JUN):79-84
 1968 448.8 R32
 Culex pipiens quinquefasciatus, Frogs, Insect vectors, Trypanosoma glabra. English summary.

437-69
LANJAN VIRUS, A NEW AGENT ISOLATED FROM DERMACENTOR AURATUS IN MALAYA.
 C E G Smith D A McMahon E T W Bowen
Nature 214(5093):1154-1155
 10 Jun 1967 472 N21
 Antigens, Chromatography, Dermacentor, Injections, Insect vectors, Lanjan virus, Parasitic insects, Virus diseases (animals), Zoogeography.

438-69
TICK-BORNE DISEASES OF CATTLE IN TRINIDAD.
 H E Williams
Agr Soc Trinidad Tobago J 68(2):149-151,153-155,157-158
 Jun 1968 8 T73
 Anaplasmosis, Cattle, Fcver, Insect vectors, Ixodides, Livestock diseases, Piroplasmosis, Symptomatology.

PARASITES

439-69
STRAIN VARIATION IN THE RESPONSE OF HAEMONCHUS CONTORTUS IN SHEEP AND GOATS GIVEN PHENOTHIAZINE: EFFICACY OF N.F. AND PURIFIED PRODUCTS ON PURE PARASITIC INFECTIONS.
 M L Colglazier F D Enzie R P Lehmann
Amer J Vet Res 28(127):1711-1722 REF
 Nov 1967 41.8 AM3A

Goats, Haemonchus contortus, Parasitism, Phenothiazine, Sheep.

440-69
HYOSTRONGYLUS RUBIDUS: A FIELD STUDY OF ITS PATHOGENESIS, DIAGNOSIS AND TREATMENT.
 J B Davidson M Murray I H Sutherland
Vet Rec 83(23):582-587
 07 Dec 1968 41.8 V641
 Diagnosis, Drug therapy, Helminthiasis, Hyostrogylus rubidus, Livestock diseases, Oesophagostomum, Parasitism, Swine, Thiazolyl)-benzimidazole, 2-(4-.

441-69
DIAGNOSTIC STATION NEAR DUNEDIN IS NEW ZEALAND'S WATCHDOG AGAINST DISEASE.
 B G Joyce
New Zeal J Agr 117(4):100-101,103
 Oct 1968 23 N48J
 Animal diseases, Cestoda, Diagnosis, Dogs, Echinococcosis, Economics, Formaldehyde, Parasitic nematodes.

442-69
CERTAIN METAL SALT COMPLEXES USEFUL FOR CONTROLLING HELMINTHS AND IMPROVING GROWTH IN ANIMALS. PATENT 3,408,444.
 R L Klingbail
Us Patent Office Offic Gaz 855(5):1379
 29 Oct 1968 156.65 OF2
 Animal physiology, Anthelmintics, Chemical control (pests), Chemicals, Metals, Parasitism, Patents, Salts.

443-69
DIAGNOSIS AND TREATMENT OF CHRONIC SALMONELLA TYPHIMURIUM INFECTION IN SOWS.
 P J Larkin M Hicks
Vet Rec 81(10):231-234
 02 Sep 1967 41.8 V641
 Ampicillin, Bacterial vaccines, Livestock diseases, Salmonella typhimurium, Swine.

444-69
CONTROL OF INTERNAL PARASITES OF SWINE AND SHEEP WITH DIMETHYL 2,2-DICHLOROVINYL PHOSPHATE. PATENT 3,408,443.
 S H McAllister
Us Patent Office Offic Gaz 855(5):1379
 29 Oct 1968 156.65 OF2
 Chemical control (pests), Dichlorvos, Parasitism, Patents, Phosphates, Sheep, Swine.

445-69
GAINS FROM WORM DRENCHING EWE HOGGETS IN SOUTH CANTERBURY.
 C C McLeod
New Zeal J Agr 117(4):92-93,95
 Oct 1968 23 N48J
 Animal physiology, Chemical control (nematodes), Dosage, Economics, Parasitism, Productivity, Sheep, Tables (data), Thiazolyl)-benzimidazole, 2-(4-, Wool.

446-69
AGRICULTURAL CONTROL MEASURES AGAINST INTESTINAL PARASITES IN CATTLE.
 D Oostendorp H E Harmsen
Neth J Agr Sci 16(3):177-185 REF
 1968 12 N3892
 Agriculture, Cattle, Drug therapy, Intestines, Nematodes, Parasitism.

447-69
THE INCIDENCE OF DISEASE RESULTING FROM INFECTION WITH HAEMONCHUS CONTORTUS IN SHEEP SENT TO THE VETERINARY INVESTIGATION CENTRES IN ENGLAND AND WALES FROM 1965 TO 1967.
 J H Rose
Vet Rec 83(23):578-581 REF

07 Dec 1968 41.8 V641
 Gastroenteritis, Haemonchus contortus, Livestock diseases, Nematodes, Parasitism, Sheep, Surveys.

448-69
THE LIFE SPAN OF FASCIOLA HEPATICA IN CATTLE.
 J G Ross
Vet Rec 82(21):587
 25 May 1968 41.8 V641
 Cattle, Fasciola hepatica, Fascioliasis, Liver diseases, Longevity, Parasitism, Trematoda.

449-69
ANTHELMINTIC EFFECT OF SALICYLANILIDE PREPARATION ON COMMON LIVER FLUKES. (JA)
 M Taniguchi et. al.
Tokyo Soc Vet Zootech Sci J (14115):69-75 REF
 Dec 1965 41.9 T574
 Anthelmintics, Liver, Salicylanilides.

450-69
STUDIES ON VIBRIONIC INFECTION OF SHEEP AND CARRION CROWS.
 W A Watson D Hunter R Bellhouse
Vet Rec 81(10):220-226 REF
 02 Sep 1967 41.8 V641
 Abortion, Crows, Livestock diseases, Serological tests, Sheep, Veterinary medicine, Vibrio fetus bacterins.

COMMODITY PROTECTION

451-69
FLUORODENSITOMETRIC MEASUREMENT OF AFLATOXIN THIN LAYER CHROMATOGRAMS.
 A C Beckwith L Stoloff
Ass Offic Anal Chem J 51(3):602-608 REF
 May 1968 381 AS7
 Aflatoxin, Chemistry, Chromatography, Fluorometry, Food contamination, Measurement.

452-69
FLY AND ECONOMIC EVALUATION OF URBAN REFUSE SYSTEMS. PART II. AN EFFICIENCY ANALYSIS OF PAPER BAG CONTAINERS.
 P A Rogers G J Bellenger
Calif Vector Views 14(5):29-36
 May 1967 449.8 C12
 Costs, Economics, Paper containers, Pest control, Refuse disposal.

453-69
STAINING TECHNIQUE TO DIFFERENTIATE INSECT FRAGMENTS, BIRD FEATHERS, AND RODENT HAIRS FROM PLANT TISSUE.
 R Stein W V Eisenberg P M Jr. Brickey
Ass Offic Anal Chem J 51(3):513-518
 May 1968 381 AS7
 Birds, Chemistry, Feathers, Food sanitation, Foreign bodies, Hair, Insects, Rodents, Tissues.

STORAGE DISEASES

454-69
EFFECT OF WARMING CYCLES DURING STORAGE ON THE BEHAVIOR OF JONATHAN AND GRANNY SMITH APPLES IN COOL STORAGES.
 E T Carroll
Plant Protect Abs 4:196
 Sep 1968 241.75 P69
 Apples, Storage, Storage diseases, Temperature, Queensland Journal of Agricultural and Animal Science, 24(1):49-58, 1967.

MICROBIAL CONTAMINATION

455-69

COLLABORATIVE STUDY OF A QUANTITATIVE METHOD FOR CLOSTRIDIUM PERFRINGENS IN FOODS.

H E Hall

Ass Offic Anal Chem J 51(6):1338-1341

Nov 1968 381 AS7

Clostridium perfringens, Food contamination, Microbiology.

456-69

SURVEY OF GREEN COFFEE FOR POTENTIAL AFLATOXIN CONTAMINATION.

C P Levi E Borker

Ass Offic Anal Chem J 51(3):600-602

May 1968 381 AS7

Aflatoxin, Coffee, Food contamination, Surveys.

457-69

FALSE-POSITIVE COAGULASE REACTIONS IN THE CHARACTERIZATION OF MICROORGANISMS ISOLATED FROM FOODS.

C J Litkenhous E F Baer M M Gilden M B

Bromer

Ass Offic Anal Chem J 51(1):1-3

Jan 1968 381 AS7

Coagulase, Ethylenediaminetetraacetic acid, Food analysis, Heparin, Microbiology, Rabbits, Staphylococcus aureus, Storage diseases.

458-69

ANALYSIS FOR AFLATOXIN M IN MILK.

M S Masri J R Page V C Garcia

Ass Offic Anal Chem J 51(3):594-600 REF

May 1968 381 AS7

Aflatoxin, Food contamination, Milk, Toxicology.

459-69

RETAILING OF BARBECUED CHICKENS: A CANADIAN SURVEY.

H Pivnick I E Erdman G Micklea D Connolly A

Loit R Hill A Mak

Can J Public Health 59(10):380-384 REF

Oct 1968 449.8 P964

Chickens, Clostridium perfringens, Food contamination, Retail marketing, Salmonella, Surveys.

460-69

SOLID STATE FLUORESCENCE EMISSION OF AFLATOXINS ON SILICA GEL.

J A Robert W A Jr. Pons

Ass Offic Anal Chem J 51(6):1190-1192

Nov 1968 381 AS7

Aflatoxin, Fluorescence, Food contamination, Microbiology, Silica gels.

461-69

IMMUNOFLUORESCENT SCREENING FOR SALMONELLA IN FOODS: COMPARISON WITH CULTURE METHODS.

S J Schulte J S Witzeman W M Hall

Ass Offic Anal Chem J 51(6):1334-1338 REF

Nov 1968 381 AS7

Fluorescent antibody technic, Food contamination, Immunochemistry, Salmonella.

462-69

NOTE ON ANALYSIS OF AFLATOXINS IN GREEN COFFEE.

P M Scott

Ass Offic Anal Chem J 51(3):609

May 1968 381 AS7

Aflatoxin, Chemistry, Coffee, Food contamination.

463-69

RETAILING OF BARBECUED CHICKENS: A SURVEY IN BRITISH COLUMBIA.

R G Scott

Can J Public Health 59(10):385-388

Oct 1968 449.8 P964

Chickens, Food contamination, Gastroenteritis, Human diseases, Retail marketing, Salmonella typhimurium, Surveys.

464-69

NOTE ON THE SIMULTANEOUS USE OF POLYVALENT H AND SPICER-EDWARDS H ANTISERA AS A PRELIMINARY STEP IN THE IDENTIFICATION OF SALMONELLAE.

T J Wazenski K J Rhodes E C Robinson

Ass Offic Anal Chem J 51(3):718-719

May 1968 381 AS7

Food contamination, Salmonella, Serological tests.

ENVIRONMENTAL CONTAMINATION

465-69

POLLUTION COSTS MONEY.

Engineering 206(5352):708

15 Nov 1968 290.8 EN322

Air pollution, Economics, Environment, Equipment, Industrial management, Legislation, Waste, Water pollution.

466-69

DEFENSE POSSIBILITIES OF SOCIETY AGAINST POLLUTION OF FOOD AND ENVIRONMENT. (FR)

E G Peters

Vitalst- Zivilisationskrankheiten 13(1):14-15

Feb 1968 389.8 V836

Air pollution, Environment, Food contamination, Legislation, Radioactivity, Tobacco, Water pollution. This is a continuation of an article from no. 6, 1967 and will be continued in no. 2, 1968.

467-69

OBJECTIVES AND ROLE OF THE WATER POLLUTION CONTROL ADMINISTRATION ON WATER QUALITY STANDARDS.

H C Ray

Soil Conserv Soc Amer Proc 22:185-186

13 Aug 1967 56.9 SO33P

Legislation, Public health, Water analysis, Water pollution.

468-69

ARE FERTILIZERS CREATING POLLUTION PROBLEMS.

G E Smith

Soil Conserv Soc Amer Proc 22:108-114 REF

13 Aug 1967 56.9 SO33P

Fertilizers, Nitrogen, Nutrition, Soil contamination, Tables (data), Water analysis, Water pollution.

469-69

EFFECT OF AGRICULTURE ON NITRATE POLLUTION OF GROUNDWATER.

B A Stewart F G Viets G L Hutchinson

Soil Conserv Soc Amer Proc 22:115-118

13 Aug 1967 56.9 SO33P

Agriculture, Groundwater, Livestock, Nitrates, Research, Toxins, Water analysis, Water pollution.

470-69

NOTE ON THE EFFECT OF WATER ON SOXHLET EXTRACTION OF SOME ORGANOCHEMICAL INSECTICIDES FROM SOIL AND COMPARISON OF THIS METHOD WITH THREE OTHERS.

I H Williams

Ass Offic Anal Chem J 51(3):715-717

May 1968 381 AS7

Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, Dieldrin, DDT, Heptachlor, Heptachlor epoxide, Insecticide residues, Methodology, Soil contamination, Water.

RESIDUES

471-69

MONITORING FOR CHLORINATED HYDROCARBON INSECTICIDE RESIDUES IN SOYBEANS- 1966.

Pest Mont J 2(1):58-67

Jun 1968 SB951.A1P41

Chlorine, Crop rotation, Dieldrin, DDT, Endrin, Hydrocarbons, Insecticide residues, Seeds, Soils, Soybeans, Translocation.

472-69

PESTICIDES AND PERSPECTIVE.

T M Barnes

Plant Protect Abs 4:186

Sep 1968 241.75 P69

Chemicals, Crop yields, Food plants, Pesticide residues, Pesticides. Chemistry and Industry, no. 24, June 15, 1968, p.749.

473-69

EXCRETION AND STORAGE OF DIELDRIN IN DAIRY COWS FED THYROPROTEIN AND DIFFERENT LEVELS OF ENERGY.

D G Braund L D Brown J T Huber N C Leeling

M J Zabik

J Dairy Sci 52(2):172-182 REF

Feb 1969 44.8 J822

Dairy cattle, Dieldrin, Diet, Energy, Excreta, Food contamination, Pesticide residues, Storage, Thyroprotein.

474-69

DETERMINATION OF ARSENIC IN ORGANIC ARSONATES.

W F Carey

Ass Offic Anal Chem J 51(6):1300-1301

Nov 1968 381 AS7

Arsenic compounds, Assay, Herbicides, Organic compounds.

475-69

PESTICIDE RESIDUE LEVELS IN FOODS IN THE UNITED STATES FROM JULY 1, 1963, TO JUNE 30 1967.

R E Duggan

Pest Mont J 2(1):2-46

Jun 1968 SB951.A1P41

Chemicals, Feed, Food, Legislation, Pesticide residues, Tables (data).

476-69

RAPID CLEANUP FOR CARBARYL, USING CHANNEL LAYER CHROMATOGRAPHY.

L J Jr. Faucheuy

Ass Offic Anal Chem J 51(3):676-678

May 1968 381 AS7

Carbaryl, Chemistry, Chromatography, Insecticides, Pesticide residues.

477-69

DDT RESIDUES ON PASTURE AND IN THE BUTTERFAT OF COWS GRAZING PASTURE TREATED WITH DDT PRILLS AND DDTSU-PERPHOSPHATE. (ABSTRACT).

D L Harrison J N Collett C J Christie

Pesticide Progr 5(3):73

May 1967 79.8 P434

Ddt, Dairy cattle, Grazing, Insecticide residues, Insecticides, Milk fat, Pastures, Toxicology. This was author's abstract from New Zealand Jour. Agric. Res. 8(2):223-231. 1965.

478-69

FINDINGS CONCERNING NOURISHMENT AND TOXIC RESIDUES IN PLANTS, OTHER HEALTH HAZARDS AND LIFE THREATS. (GE)

H Itzerott

Gesunde Pflanzen 20(1):15-17

Jan 1968 464.8 G33

Agricultural chemistry, Field crops, Nutrition, Pesticide residues, Poisoning, Public health, Toxicology.

479-69

TOLERANCE AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. O,ODIETHYL S-2-(ETHYLTHIO) ETHYL PHOSPHORODITHIOATE.

J K Kirk

Fed Regist 34(21):1553-1554

31 Jan 1969 L1.451

Agricultural products, Disulfoton, Feed, Forage plants, Insecticide residues, Pesticides, Sorghum.

480-69

EFFECT OF VARIOUS PHYSICAL TREATMENTS ON CERTAIN ORGANOCHLORINE HYDROCARBON INSECTICIDES FOUND IN MILK FAT.

M Kroger

J Dairy Sci 51(2):196-198 REF

Feb 1968 44.8 J822

Chlorinated hydrocarbons, Deodorizing, Dieldrin, Freeze drying, Heat, Heptachlor, Insecticide residues, Milk fat.

Abstract: Drying and mild deodorization treatments were not effective. More severe deodorization reduced the insecticide levels significantly; as did heating at very high temperatures.

481-69

DIELDRIN RESIDUE IN AN ORCHARD-DAIRY AREA OF WISCONSIN.

R J Moubry G R Myrdal H E Halliday

Pest Mont J 2(1):51-54

Jun 1968 SB951.A1P41

Chemical control (insects), Dairy cattle, Dieldrin, Insecticides, Milk, Milk analysis, Orchards, Pesticide residues.

482-69

OFFICIAL FDA TOLERANCES.

Nat Agr Chem Ass News Pesticide Rev 26(3):3-27

Feb 1968 421 AG8

Agricultural regulation, Crops, Fish, Fruit, Meat, Pesticide residues, Pesticides, Poultry, Tolerances, Vegetables.

483-69

THE USE OF GAS CHROMATOGRAPHY IN DETECTING LINDANE IN SEWAGE EFFLUENT.

H A Nelson

U S Agr Res Serv ARS- (70):41

Dec 1968 A41.9 R315AR

Chromatography, Hydrocarbons, Insecticide residues, Lindane, Quantitative analysis, Sewage disposal, Sludge.

484-69

EFFECT OF DDT ON TEMPERATURE SELECTION BY YOUNG ATLANTIC SALMON, SALMON SOLAR. (ABSTRACT).

D M Ogilvie J M Anderson

Pesticide Progr 5(3):76

May 1967 79.8 P434

DDT, Dosage, Pesticide residues, Salmon, Temperature. This was the authors abstract taken from Jour. Fish. Res. Board of Canada 22 (2): 503-512. 1965.

485-69

AUTOMATED ANALYSIS OF ORGANOPHOSPHORUS INSECTICIDES BY WET DIGESTION-OXIDATION AND COLORIMETRIC DETERMINATION OF THE DERIVED ORTHOPHOSPHATE.

D E Ott F A Gunther

Ass Offic Anal Chem J 51(3):697-708 REF

May 1968 381 AS7

Chromatography, Colorimetry, Crops, Hydrolysis, Insecticide residues, Organophosphorus compounds, Spinach, Strawberries.

486-69

COLLABORATIVE STUDY OF THE THIN LAYER CHROMATOGRAPHIC METHOD FOR CARBARYL RESIDUES IN APPLES AND SPINACH.

N J Palmer W R Benson

Ass Offic Anal Chem J 51(3):679-681

May 1968 381 AS7

Apples, Carbaryl, Chromatography, Insecticides, Pesticide residues, Research, Spinach.

487-69

RESIDUES OF PARATHION AND METHYL-PARATHION IN POTATO TUBERS AND IN THE SOIL, FOLLOWING SOIL TREATMENTS. (FR)

A Polizu M Roman F Manolache Gh Boguleanu

T Sapunaru M Peiu

Qualitas Plant Water Veg 15(4):380-386

10 Jul 1968 64.8 M41

Chemical control (pests), Methyl parathion, Parathion, Pesticide residues, Potato-tuber, Precipitation, Soil treatment, Toxins. French and German summary.

488-69

DDT STORAGE IN THE U. S. POPULATION. (ABSTRACT).

G E Quinby W J Hayes J F Armstrong W F

Durham

Pesticide Progr 5(3):77

May 1967 79.8 P434

DDT, Demography, Ethylene, Fats, Humans, Insecticide residues, Storage. This was the author's abstract from Jour. Amer. Med. Assoc. 191:175-179. 1965.

489-69

ISOLATION AND DETERMINATION OF CHLOROHYDRINS IN FOODS FUMIGATED WITH ETHYLENE OXIDE OR WITH PROPYLENE OXIDE.

E P Ragelis B S Fisher B A Klimeck C Johnson

Ass Offic Anal Chem J 51(3):709-715

May 1968 381 AS7

Chlorohydrins, Ethylene oxide, Food, Fumigation, Pesticide residues, Propylene oxide.

490-69

EFFECT OF ATRAZINE ON OATS (AVENA SATIVA VAR. MINHAFFER) I AND II. (ABSTRACT).

R H Shimabukuro

Pesticide Progr 5(3):79

May 1967 79.8 P434

Adsorption, Atrazine, Culture media, Insecticide residues, Oats, Plant translocation, Seedlings. This was the author's abstract taken from Diss. Abstr. 26: 2397-2398. 1965.

491-69

EXTRACTION AND CLEANUP PROCEDURE FOR THE DETERMINATION OF ORGANOTHIOPHOSPHATE PESTICIDE RESIDUES IN VEGETABLES AND FRUITS BY THIN LAYER CHROMATOGRAPHY AND GAS LIQUID CHROMATOGRAPHY.

A M S Silva Fernandes T Reis e Sousa M C de

Barros

Rev Agron (Lisboa) 50(4):266-274 REF

1967 15.5 R32

Chemistry, Chromatography, Extracts, Fruit, Organic compounds, Pesticide residues, Pesticides, Plant extracts, Thiophosphates, Vegetables. Portuguese summary

492-69

LONG-TERM MOVEMENT OF DDT APPLIED TO SOIL FOR TERMITE CONTROL.

V K Smith

Pest Mont J 2(1):55-57

Jun 1968 SB951.A1P41

Chemical control (insects), DDT, Insecticide residues, Soil analysis, Termites, Translocation.

493-69

ESTABLISHMENT OF TOLERANCES FOR PESTICIDE RESIDUES. (FR)

M J de Sousa Lobo

Rev Agron (Lisboa) 50(4):281-288 REF

1967 15.5 R32

Agricultural products, Dosage, Fumigation, Health, Legislation, Pesticide residues, Tolerances, Toxicity.

494-69

PERSISTENCE OF CHLORINATED HYDROCARBON INSECTICIDE RESIDUES IN CHICKEN TISSUES AND EGGS. (ABSTRACT).

W J Stadelman B J Liska B E Langlois G C

Mostert A R Stemp

Pesticide Progr 5(3):80

May 1967 79.8 P434

Chickens, DDT, Dieldrin, Eggs, Feed, Heptachlor, Insecticide residues, Lindane, Tissues. This was the author's abstract taken from Poultry science 44 (2): 435-437. 1965.

495-69

PARATHION RESIDUE IN CURED ALFALFA.

L L Stitt

Agrichem West 11(9):8.10

Sep 1968 381 AG85

Alfalfa, Chemical control (pests), Curing, Insecticide application, Insecticide residues, Parathion, Sampling.

496-69

PESTICIDE RESIDUES IN OINTMENT BASES OF NATURAL ORIGIN. (GE)

H-p Thier

Deut Apoth- Zeitung 108(45):1799-1801 REF

07 Nov 1968 396.8 SU2

Benzene hexachloride, Chlorinated hydrocarbons, Chromatography, Insecticide residues, Oils, Organophosphorus compounds, Plant protection, Toxicology.

497-69

REDUCTION OF PARATHION RESIDUE ON CELERY.

N P Thompson

Sunshine State Agr Res Rep 13(5-6.SEP-NOV):3-4

1968 100 F66SU

Celery, Crop yields, Hydrogen peroxide, Insect pests, Insecticide residues, Parathion, Plant physiology, Plant protection, Potassium hydroxide.

498-69

IMPROVED GLC METHOD FOR S-TRIAZINE RESIDUE DETERMINATION.

R C Tindle C W Gehrke W A Aue

Ass Offic Anal Chem J 51(3):682-688 REF

May 1968 381 AS7

Atrazine, Chromatography, Corn, Herbicides, Pesticide residues, Prometryne, Propazine, Simazine, Soil contamination, Triazines, Water pollution.

499-69

A CONSIDERATION OF INSECTICIDE EFFECTS ON HYPOTHETICAL AVIAN POPULATIONS.

H Young

Ecology 49(5,SUMMER):991-994 REF

1968 410 EC7

Birds, Breeding, Chemical control (insects), Immunity, Insecticide residues, Insecticides, Mortality, Population, Sterility.

500-69

FACTORS INFLUENCING THE SELECTIVITY OF HERBICIDES.

W Van Der Zweep

Wageningen Inst Biol Scheik Ond Landb Med

(3):197-204 REF

09 Mar 1967 60.9 W123

Carbamates, Endothal, Herbicides, Pesticide application, Pesticide residues, Plant physiology, Pyrazon plus lenacil, Soils, Sugar beets, Tolerances, Urca. German summary.

TOXICOLOGY

501-69

DRUGS - THEIR USE AND ABUSE.

Pig Farming 16(10):63-69

Oct 1968 46.8 P623

Antibiotics, Biochemistry, Drugs, Research, Toxicology.

502-69

DIELDRIN EFFECTS IN TWO GENERATIONS OF PENNED HEN PHEASANTS.

W L Baxter R L Linder R B Dahlgren

J Wildlife Manage 33(1):96-102

Jan 1969 410 J827

Behaviorism, Chlorinated hydrocarbons, Dieldrin, Eggs, Fertility, Food consumption, Mortality, Pheasants, Physiology, Tables (data).

503-69

HOUSEHOLD INSECTICIDES.

W H Bennett

Pest Contr Oper News 27(8):19-22

Aug 1967 SB951.A1P4

Accident prevention, Chemical control (pests), Household pests, Insect pests, Insecticides, Tables (data), Toxicology. 22 insecticides are listed with their chemical makeup, toxicity, uses, and precautions.

504-69

THE SITUATION REGARDING THE USE OF ALDRIN AND DIELDRIN IN EUROPE. (GE)

F Bcran

Pflanzenarzt 20(5):46-49

01 May 1967 464.9 P482

Aldrin, Dieldrin, Insecticides, Legislation. List of permitted and prohibited use of the two insecticides.

505-69

POTENTIATION OF TOXICOLOGY OF SUMITHION BY PHOSPHAMIDON IN THE RAT. (ABSTRACT).

P E Braid M Nix

Excerpta Med Pharm Toxicol 21(11):550

Nov 1968 241.64 EX23

Bayer 41831, Pesticides, Phosphamidon, Rats, Toxicology. From Canadian Journal of Physiology, 1968, 46/2, (133-137).

506-69

SAFE USE OF PESTICIDES.*Pesticide Progr* 5(3):68-71

May 1967 79.8 P434

Accident prevention, Lethal factor, Pesticide application, Pesticides, Toxicology. Reprinted from Planter's Bulletin 82: 19-22, 1966.

507-69

THE TOXICITY OF FLY ASH FOR CATTLE. (CZ)

M Ferencik J Kubinec A Mraz M Halasa E

Hurtik V Tencer

*Czech Min Zemed Les Hospod Ustav Vedeckotech**Inform Vet Med* 13(1):37-46 REF

Jan 1968 41.9 C333

Arsenic, Biochemistry, Cattle, Hair, Meat, Milk, Toxins, Viscera. English, Russian, and German summaries

508-69

MACROZAMIA POISONING.

P J Healy

Inst Vet Insp New S Wales Vet Insp Annu 31:33

1967 41.9 IN73

Livestock diseases, Macrozamia, Poisoning, Toxicology.

509-69

THE USE OF ORGANIC TIN COMPOUNDS FUNGICIDES IN AGRICULTURE, LOOKED AT FROM THE TOXICOLOGICAL POINT OF VIEW. (GE)

O R Klimmer

Pflanzenschutzberichte 37(4/6):57-66 REF

Mar 1968 464.9 P48

Agriculture, Antiseptics, Bactericides, Fentin acetate, Fungicides, Organotin compounds, Plant protection, Residues, Toxicology. English summary.

510-69

EFFECTS OF 2,4-D ON EMERGENCE AND SEEDLING GROWTH OF RANGE GRASSES.

G J Klomp A C Hull

J Range Manage 21(2):67-70

Mar 1968 60.18 J82

Agropyron, Bromus, Chemical control (weeds), D, 2,4-, Grasses, Herbicides, Madia, Toxicology.

511-69

SUSPECTED SODIUM FLUOROACETATE POISONING IN SHEEP AND CATTLE.

J W Plant

Inst Vet Insp New S Wales Vet Insp Annu 31:83-86

1967 41.9 IN73

Cattle, Poisoning, Sheep, Sodium fluoroacetate, Toxicology.

512-69

STUDIES OF TOXICITY AND ENZYME ACTIVITY RESULTING FROM INTERACTION BETWEEN CHLORINATED HYDROCARBON AND CARBAMATE INSECTICIDES. (ABSTRACT).

C H Williams J L Casterline K H Jacobson

Excerpta Med Pharm Toxicol 21(11):549-550

Nov 1968 241.64 EX23

Aldrin, Carbamates, Chlordanc, Chlorine, Enzymes, Hydrocarbons, Insecticides, Rats, Toxicology. From Toxicology and Applied Pharmacology, 1967, 11/2, (302-307).

PLANT PHYSIOLOGY & BIOCHEMISTRY

513-69

STERILIZATION MAKES THE MOSQUITO HUNGRY.*Plant Protect Abs* 4:203-204

Sep 1968 241.75 P69

Culicidae, Insect physiology, Sterilization. New Scientist, vol. 39, no. 604, July 4, 1968, p.23.

514-69

SHIFTS IN DISEASE RESISTANCE INDUCED BY GROWTH REGULATORS.

O M van Andel

Wageningen Landvouw Lab Fytopathol Med

(239):113-120 REF

1968 464.04 W12

Cladosporium cucumerinum, Cucumbers, Fungus diseases (plants), Indoleacetic acid, Plant biochemistry, Plant disease resistance, Plant physiology, Plant regulators, Seedlings. Reprint from Neth. J. Pl. Path. 74(1968 Suppl. 1):113-120.

515-69

SHORT-TERM GROWTH RESPONSE TO GROWTH REGULATORS IN ROOTS OF ZEA MAYS.

D E Bottrill J B Hanson

Australian J Biol Sci 21(2):201-208 REF

Apr 1968 442.8 AU72

Corn, D, 2,4-, Indoleacetic acid, Plant anatomy, Plant growth inhibitors, Plant regulators, Roots, Trichlorophenoxyacetic acid, 2,4,6-.

516-69

CHEMICAL AIDS FIGURE IN PLANT PROPAGATORS' REPORTS.

J H Clarke

Amer Nurseryman J 128(11):12,43-50

01 Dec 1968 80 AM371

Chemicals, Nurseries, Pesticides, Picea parryana, Plant biochemistry, Plant cuttings, Plant regulators, Reports.

517-69

EFFECTS OF GIBBERELIC ACID ON FLOWER THINNING AND BLOOM DELAY OF STONE FRUITS.

J N Corgan

Agrichem West 11(9):6

Sep 1968 381 AG85

Biochemistry, Flowers, Fruit, Fungus diseases (plants), Gibberellic acid, Plant physiology, Plant regulators, Pruning, Spraying, Thinning (fruit).

518-69

MANGANESE TOXICITY IN TOMATO SEEDLINGS.

D J Dennis

New Zeal J Agr 117(4):118-119

Oct 1968 23 N48J

Fertilizers, Lime, Manganese, Plant physiology, Seedlings, Soil analysis, Tissues, Tomatoes, Toxins.

519-69

TRANSLOCATION OF SYSTEMIC FUNGICIDES.

L V Edgington

Plant Protect Abs 4:188-189

Sep 1968 241.75 P69

Biochemistry, Fungicides, Plant physiology, Plant translocation. First International Congress of Plant Pathology, London 14-26 July, 1968.

520-69

NEW DEVELOPMENTS IN HYBRID BARLEY RESEARCH.

A E Foster

Northwest Crop Produc Conf Rep 1967

MEETING:34-36

1967 464.9 N813

Barley, DDT, Plant breeding, Plant genetics, Plant injuries.

521-69

INHIBITION OF PHOTOSYNTHETIC ELECTRON TRANSPORT BY IOXYNIL.

J Friend R Olsson

Nature 214(5059):942-943

27 May 1967 472 N21

Biochemistry, Broadbeans, Chloroplasts, Electron transport, Herbicides, Hill reaction, Ioxynil, Leaves, Oxygen, Photosynthesis, Research.

522-69

EFFECT OF BORON TOXICITY ON SOME LEAF CONSTITUENTS IN GROUNDNUT (ARACHIS HYPOGAEA, LINN.) PLANTS.

N H Gopal I M Rao

Andhra Agr J 15(1):21-24 REF

1968 34.2 AN4

Boron, Chlorosis, Leaves, Micronutrients, Peanuts, Plant biochemistry, Plant physiology.

523-69

GROWTH OF SCLEROTIUM ROLFII AT DIFFERENT CONCENTRATIONS OF OXYGEN AND CARBON DIOXIDE.

D M Griffin N G Nair

J Expt Bot 19(61):812-816

Nov 1968 450 J8224

Atmosphere, Carbon dioxide, Cowpeas, Diffusion, Fungus diseases (plants), Gases, Oxygen, Plant regulators, Sclerotium rolfsii.

524-69

MORPHOLOGICAL CHANGES IN WHEAT CAUSED BY THE ACTION OF CHLORCHOLINCHLORIDE-CCC. (SE)

R Grupe R Lozanovski A Gudevski E Lozinska

Agrohemijska (516):175-181 REF

1968 385 AG87

Biochemistry, Chloroethyltrimethylammonium chloride, (2-, Dosage, Fertilizers, Nitrogen, Plant morphology, Plant physiology, Research, Wheat. English summary.

525-69

THE CULTURE OF PHYTOPHTORA INFESTANS ON FULLY SYNTHETIC CULTURE MEDIUM SUBSTRATA. (GE)

H Henniger

Zeitsch Allg Mikrobiol 3(2):126-135 REF

May 1963 QR1.Z4

Agar, Biochemistry, Culture media, Fungi, Growth factors, Microbiology, Phytophthora infestans, Substrates.

526-69

CONCURRENT MICROSCOPICAL, CYTOCHEMICAL AND ELECTRON MICROSCOPICAL STUDY ON THE CELL POLARITY OF EQUISETUM SPORE MOTHER CELLS IN SYNDETIC STAGE.

T Hiraoka

Koto Univ Fac Sci Mem Ser Biol (N S) 1(1):1-7

REF

Oct 1967 QH301.K9

Cells, Chemistry, Cytology, Electron microscopes, Equisetum, Microscopy, Research, Spores.

527-69

527-69

THE INFLUENCE OF PLANT-GROWTH FACTORS ON THE INITIATION AND GROWTH OF CROWN-GALL TUMOURS ON PRIMARY PINTO BEAN LEAVES.

M D E Khalifa J A Lippincott
J Expt Bot 19(61):749-759 REF
Nov 1968 450 J8224

Agrobacterium tumefaciens, Beans, Biochemistry, Crown galls, Kidney beans, Leaves, Plant physiology, Plant regulators.

528-69

GROWTH OF PLANTED CHESTNUT TREES (CASTANEA CRENATA) IN RELATION TO SOIL NUTRIENTS IN KOREA. (CH)

C M Kim
Seoul Univ J Biol Agr Ser (b) (SER B)18:1-9
REF

Sep 1967 442.9 SO84

Castanea, Plant nutrition, Plant physiology, Soil analysis, English summary

529-69

EFFECT OF SEVERAL GROWTH REGULATORS AND TEMPERATURE TREATMENT TO RICE SEED ON THE GERMINATION AND INITIAL GROWTH OF SEEDLING.

K H Kim H S Sohn E W Lee
Seoul Univ J Biol Agr Ser (b) (SER B)18:83-96
REF

Sep 1967 442.9 SO84

Cold, Herbicides, Plant physiology, Plant regulators, Rice, Seed germination, Seed treatment, Chinese summary

530-69

GA INCREASES TANGELO YIELDS.

A H Krezdorn
Sunshine State Agr Res Rep 13(5-6,SEP-NOV):16
1968 100 F66SU

Biochemistry, Crop yields, Gibberellic acid, Plant regulators, Pollination, Research, Tangelos.

531-69

EFFECT OF GIBBERELIC ACID ON GAMMA IRRADIATED BARLEY SEEDS.

S Kumar
Indian J Genet Plant Breeding 27(1):154-156
REF

Mar 1967 64.8 IN2

Barley, Chromosomes, Gamma rays, Gibberellic acid, Irradiation, Plant genetics, Plant injuries, Plant regulators, Seedlings.

532-69

EFFECT OF ECDYSONE ON THE PUPARIUM FORMATION IN IRRADIATED EPHESTIA KUHNIELLA Z.

A M Kuzin I K Kolomijtseva N I Yusifov
Nature 217(5130):743-744

24 Feb 1968 472 N21

Deoxyribonucleic acid, Ecdysone, Ephestia, Gamma rays, Insect physiology, Pupae, Ribonucleic acid, X-rays.

533-69

EFFECT OF NITROGEN, SILICON AND THEIR INTERACTION ON THE AGRONOMIC CHARACTERS IN PADDY RICE.

C Lee E Woong
Seoul Univ J Biol Agr Ser (b) (SER B)18:97-117
REF

Sep 1967 442.9 SO84

Chemical reactions, Crop yields, Nitrogen, Plant physiology, Rice, Silicon, Chinese summary

534-69

IDENTIFICATION OF GIBBERELLINS IN CRUDE PLANT EXTRACTS BY COMBINED GAS CHROMATOGRAPHY-MASS SPECTROMETRY.

J MacMillan R J Pryce G Eglinton A McCormick

Tetrahedron Lett (24):2241-2243

Jun 1967 385 T29

Biochemistry, Chromatography, Gibberellins, Plant extracts, Scarlet runner beans, Seedlings, Spectrometry.

535-69

STUDY OF THE INTERACTION OF GROWTH RETARDANTS AND A VIRUS ON THE GROWTH OF PRUNUS PERSICA LINE GF 305. C Marenaud

Plant Protect Abs 4:194

Sep 1968 241.75 P69

Peaches, Plant growth inhibitors, Plant physiology, Research, Virus diseases (plants), Meeting of the Academy of Agriculture of France, 23 Nov. 1966.

536-69

STUDIES ON WHEAT PLANTS USING ¹⁴C-LABELLED COMPOUNDS. XXII. INCORPORATION INTO WHEAT PROTEIN.

W B McConnell
Can J Biochem 47(1):19-23 REF

Jan 1969 470 C16E

Amino acids, Arginine, Carbon isotopes, Glutamic acid, Glutamine, Micronutrients, Plant biochemistry, Plant physiology, Plant proteins, Proline, Succinic acid, Wheat.

537-69

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

M Mickovski O Verona
Pisa Univ Ist Patol Veg Microbiol Agr Tec (mem)
(500,MAR-APR):67-76

1967 464.9 P67

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