

61-19771

Khatuntsev, V. V.
ABOUT COMPARATIVE STUDIES OF BOTULINUS
TOXIN OF THE FOUR TYPES: A, B, C, AND E,
REPT. 2 (O Sravnitel'nom Izuchenii Botulinicheskogo
Toksin Chetyrekh Tipov - A, B, C I E, Soobshchenie
II). 20 Apr 61, 3p. Trans. V-1684.
Order from OTS or SLA \$1.10

61-19771

Trans. of Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 190-191.

DESCRIPTORS: *botulism toxoid. Toxicity

Mice were injected with secondary doses of 1/5 to
1/25 M. L. D. (minimum lethal dose) of the 4 types of
botulinus toxins. Type B produced the severest
general reactions with no local reactions at site of in-
jection. Death occurred within 4 to 15 days. Type E
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
(over)

I. Khatuntsev, V. V.
II. Trans-V-1684

Office of Technical Services

Khatuntsev, V. V.
ADDITION TO THE QUESTION ABOUT "CHRONIC"
BOTULISM (K Voprosu o "Khronicheskom" Botulizme).
20 Apr 61, 3p. Trans. V-1685.
Order from OTS or SLA \$1.10

61-19772

Trans. of mono. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 192-193.

DESCRIPTORS: *Botulism, Toxicity.

A "chronic" botulism poisoning was induced in mice
by daily injections into one of the lateral abdominal
walls of 1/5 to 1/10 minimum lethal doses of type C
toxin. The muscles of the abdomen, thigh and paw on
the side of the injection became weak, atrophied with
contracture of the paw. It is concluded that the toxin
acts on the tissues locally and not through the blood
stream. The spasmodic character of the lesions indi-
(Biological Sciences-- Toxicology, TT, v. 6, no. 12)

(over)

61-19772

I. Khatuntsev, V. V.
II. Trans-V-1685

19772

Office of Technical Services

61-19773

Yagud, S. L.

CORRELATION BETWEEN THE IMMUNOLOGICAL
AND ALLERGIC REACTIVENESS IN ANIMALS IN
EXPERIMENTAL INFECTION (Sootnoshenie Mezhd
Immunologicheskoi i Allergicheskoi Reaktivnost'yu u
Zhivotnykh pri Eksperimental'noi Infektsii).

20 Apr 61, 6p. Trans. V-1686.

Order from OTS or SLA \$1.10

61-19773

Trans. of mono. Nauchno-issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 194-196.

DESCRIPTORS: *Antigens, *Immunology, Amoebic
dysentery, *Allergy, Toxicity, Sensitization,
Bacterial vaccines.

One group of cats was infected with dysentery by 5
daily oral inoculations. A second group received the
same inoculation in one dose. A third group was
(Biological Sciences--Pathology, TT, v. 7, no. 3) (over)

I. Yagud, S. L.
II. Trans-V-1686

Office of Technical Services

61-28128

Morgunov, I. N., Zatul, D. G. and others.
TAGGING OF DIPHTHERIAL TOXIN BY MEANS OF
RADIOACTIVE SUBSTANCES (ISOTOPES) (Mochenie
Difterinogo Toksina Radloktivnymi Veshchestvami
(Izotopami), 12 June 61, 5p. Trans. V-1706.
Order from OTS or SLA \$1.10 61-28128

Trans. of mono. Nauchno-Issledovatel'skii Institut
Epidemiologii i Mikrobiologii, Kiev. Materialy
Nauchnykh Konferentsii, Kiev, 1959, p. 229-231.

DESCRIPTORS: *Diphtheria, *Bacterial toxins,
*Radioactive isotopes, Isotopes, Phosphorus.

An attempt was made to tag diphtheria toxin by means
of radioactive phosphorus P^{32} . The diphtherial tox
of the Park-Williams strain No. 8 was grown in a
0.2% glucose solution of Martin's bouillon. The
isotope was added to the nutrient media before the
(Biological Sciences--Toxicology, TT, v. 6, no. 12)
(over)

I. Morgunov, I. N.
II. Zatul, D. G.
III. Trans-V-1706

61-28128

Office of Technical Services

Production of Synthetic Fatty acids, by
B. S. Zlayev, N. K. Kan'kovskaya, et al. 128 pp
RUSSIAN, bk, Nauchno-Issledovatel'skiy Institut.
Proizvodstvo Sinteticheskikh Zhirnykh Kislot,
1960, pp 1-123.
AIR/ITD/IT-23-834-68

sci/ materials
sep oct 69

393,121

Aug. 93/0

State Scientific Research Chemical Institute
of High Pressures (GIVD)

"Nauchno-Issledovatel'skiye Instituty Tyazhelyoy
Promyshlennost', pp 95-104 (FDD 515040)

U-1399

SR-20/1/6

proj 8296-
5294-
8297-

Nauchno-Issledovatel'skiye Instituty
Dyuzhbeloy Prom (Sci-Res Inst. of Heavy Indus.)
9315

V-1354

V-1353

V-1355

L-1359

[see st-222 for proj #)

FDD # 515040

(NY-4075).

Bibliography on Labor and Wages, 60 pp.

RUSSIAN, bk, Nauchno-Issledovatel'skiy Institut,
Voprosy Truda No 1, 1958, pp 208-244.

JPRS 5300

USSR
Econ
Sep 60

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Synthesis of 2,4,6-tri-alkyl and 2,4,6-Tri-Aryl-1,3,5-Tri-
Azines From α Imino Esters, by E. L. Zaitsev,
G. I. Braz, et al.

RUSSIAN, per, Nauch-Issled Raboty Chlenov Vses
Khim Obshch imeni D. I. Mendeleeva, Vol VII,
No 2, 1962, pp 229, 230.

*AEC

Sci - Chem
Oct 62

Research Into Means of Increasing the Safety
Properties of Light Alloys Used For Making
Enclosures for Electrical Mining Equipment, by
N. G. Kocherga.

RUSSIAN, per, Nauchno-issled. Raboty MakNII za,
1959-1960, pp 99-103.

MLL M 3933

Sci - Engr
Mar 63

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61-15589

SCIENTIFIC CONFERENCE ON THE PHARMACOL-
OGY AND CLINICAL USE OF TRANQUILLIZERS,
29 Sep-1 Oct 1960, LENINGRAD. SUMMARY OF
PAPERS. Apr 61 [33]p. RTS 1769.
Order from OTS or SLA \$3.60

61-15589

Trans. of Nauchnaya Konferentsiya Povyshchennaya
Farmakologii i Klinicheskomu Primeneniyu
Trankvillizatorov, Leningrad, 29 Sep-1 Oct 60. Tezisy
Dokladov, 29p.

DESCRIPTORS: *Tranquillizing drugs, *Pharmacology,
Physiology, Brain, Therapy.

Contents:

Sleep treatment in psychiatric illnesses using antifeins
as a sedative, and as a potentiator of other hypnotics,
by L. P. Akalovskaya and O. M. Turkevich
The use of combinations of neuroplegic and other drugs
(Biological Sciences--Pharmacology, TT, v. 6, no. 3)
(over)

I. RTS-1769
II. Department of Scientific and
Industrial Research
(Gr. Brit.)

175295

Office of Technical Services

Role of Copper Fertilizer in the Utilization of
Drained Peat Soils for Agriculture in Ukrainian
SSR, by N. A. Tiulenev, 2 pp.

RUSSIAN, bk, Nauch Konf po Prob Ispol' zovaniya
Mestnykh Istochnikov Udobr' SSSR, 1951, pp 159-
161.

SLA Tr R-119

Sci - Biol
Apr 1957

Jan 1957
46, 228

The Problem of the Stability Analysis of
Complex Frameworks by the Resolution Into
Simple Equistable Systems, by G. V. Vorontsov.

RUSSIAN, per, Nauch Novochoerkassk Politekhn In-ta,
Vol XXVI, 1955, pp 112-119.

TIL Tr 4884

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Sci - Electronics
Jun 58

Russian Experience in Field-Protecting Afforestation,
by V. P. Timofeyev, 44 pp.

RUSSIAN, per, Nauch Osnovy Polezashchitnogo ~~Lesozhivleniya~~
Lesozhivleniya, Sbornik AN Nauk BSSR, No 1, 1951,
pp 5-37. 9077921

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OTS 68-11428
PL-480

Sci - Biol
Jul 61
PST No. 181

159, 412

The Growth of Antierosional Forest
Plantings in the Central Forest-Steppe
and Their Influence on Crops, by A. P.
Shaposhnikov, 10 pp.

RUSSIAN, per, Nauch Otkhvat VNIILMI
za 1941-1942, pp 82-90. 9097164

OTS 60-51007
PL-480

Sci - Biol
Apr 62

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Creep and Carrying Capacity of Shells, by
I. I. Holdenblat, N. A. Nikolayenko, 53 pp.
RUSSIAN, rpt, Nauchnoye Soobshchenye Ak
Stroitelstva i Arkhitektury SSSR, No 13, 1960, pp 1-60.
9692081
DDC RSIC-132

Sci - Phys
Apr 64

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The Effect of Calcium Sulphate on the
Formation of Portland Cement Clinker,
by P. P. Budnikov and J. P. Kuznetsova.
RUSSIAN, per, Nauchn. Soobshch Gos. Vses.
N. I. Inst. Tssem. Prom. Nauchn. Soobshch,
1961, No 12, pp 1-7.
NLI 5196 1963 (1192) (On loan)

Aug 65

286,940

Agency: Bureau of Mines/ Interior
P.O. No. F3183b20

R-10059-D

Title: Effect of energy structure on the hydrophobic pro-
portion of the surface of sulfide minerals.

Author: B. M. Shafer

Source: Nauka, Sobolsh. Ispyt. Osn. Bala in. A.A. Shchep-
inokov, v. 13, 86-89 (1962)

Language: Russian

Special Instructions: Please translate into English. Copy
of original attached.

DC

Agency: Interior/Min. of Mines
P.O. No. P3190620

R-10052-D

Title: Investigation of the interaction of sulfide mineral surface with xanthate with the help of electrode potential measurement.

Author: I. N. Plaksin and L. R. Solov'eva.

Source: Nauchn. Soobshch. Inst. Geol. Dela, Akad. Nauk SSSR
v. 10, 3-13 (1962)

Language: Russian

Special instructions: Please translate into English. Copy of original attached.

SF

TT-64-14299

Ivanov, F. M. and Royak, G. C.

EFFECT OF CURING TEMPERATURE ON THE EXPANSION OF PORTLAND CEMENT MORTAR WITH DIFFERENT CONTENTS OF GYPSUM ADMIXTURE. [1963] 9p

Order from OTS, SLA, or ETC \$1.10 TT-64-14299

Trans. of [Gosudarstvennyi] Vses[oyuznyi] Nauchn[o]-Issled[ovatel'skii] Inst[itut] Tsement[noi] Promyshlennosti]. Nauch[nyye] Soobshch[eniya] (USSR) [1961] no. 12[143] p. 30-35.

DESCRIPTORS: *Cements, *Mortar, *Aging (Materials), Temperature, *Gypsum, Hardening, Deformation,

(Materials, TT, v. 11, no. 9)

I. Title: Clinker
I. Ivanov, F. M.
II. Royak, G. C.

Office of Technical Services

Actinometry, Atmospheric Optics and
Nuclear Meteorology, selected articles,
by N. N. Gorokhovskaya, et al.
RUSSIAN, per, Nauchn. Soobshch. Tr. Konferentsii,
In-ta Geol i Geogr, Akad Nauk LitSSR, 1962,
Vol 13.
NLL 6015.49 1964 (150) (On Loan)

Aug 65

287,155

Scientific and Technical Progress in Ferrous
Metallurgy, by N. Dubrov, V. Levitin, 4 pp.

RUSSIAN, per, Nauchno-Tekhnicheskiye, Sept 1962,
pp 17-18.

JPRS 16212

USSR
Econ
Nov 62

Parasitic Diseases of Young Pacific Salmon
in Fish Hatcheries of the Far East, by
E. A. Bogdanova.

RUSSIAN, per, Nauchno-Tekhnicheskii Biulleten
Gosnorkh, No 11, 1960, pp 49-52. 927503

Dept of Interior
Q1301 C273 No 391

Sci-Biol

Sep 63

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Seasonal and Long Term Changes of the
Temperature and Salinity of the Waters of
the Cold Bear, by R. N. Sarynina.
RUSSIAN, per, Nauchn. Tekhn. Byuli PDRO,
1960, Vol 12, No 2, pp 14-18. (On Loan)
NLL 9022.56 1964 (25)

Aug 65

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Short Account of the Voyage of BRT "Mekrasov"
Devoted to Experiments on High-Speed Trawling,
by V. H. Masvskii.

RUSSIAN, per, Nauch.-tekhn. byull. PINRO, Vols 16-17,
1961, pp 68-71.
NLL Ref: 9022.15 (1206)

Sci/Mat
Feb 68

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The Hydroacoustic Method of the Quantitative
Estimate of Fish Numbers in Diffuse Formations,
by M. N. Shcherbino.
RUSSIAN, per. Nauch.-tekhn. byull. PINRO, Vols 16-17,
1961, pp 76-78.
NLL Ref: 9022.15 (1209)

Sci/Mat
Feb 68

349,621

The Cut of the Net in the Surface of Rotation,
by N. I. Alekseev.
RUSSIAN, per, Nauch-tekhnicheskii Bulletin FINRO, Vol 4,
No 18, 1961, pp 40-42.
NLI Ref: 9022.15 (1214)

Sci/Mat
Feb 68

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S-1200/63

Perspectives of Native Herring Fishery in the Seas
of the North Atlantic, by I. G. Yudanov.
(DC-10202)

RUSSIAN, per, Nauch-Tekh Byul PINRO, No 1 (19),
1962, pp 13-15.

*JPRS

Sci - Biol & Med Sci
Jan 64

Spawning Migration of Humpback Salmon In 1961, by V. V. Azbelev,
5 pp.

RUSSIAN, per, Nauch Tekh Byull PINRO, No 1 (19), 1962, pp 16-18.

JPRS 228982

Sci-Biol & Med
Jan 64

248, 007

S-1200/63

Results of the Natural Spawning of Humpback Salmon in the Rivers of the Kola Peninsula in 1961, by V. V. Azbelev, I. N. Grinyuk, (DC-10202).

RUSSIAN, per, Nauch-Tekh Byul PINRO, No 4 (22), 1962, pp 24-25.

*JPRS

Sci-Biol & Med Sci
Jan 64

S-1200/63

Survival Rate of Humpback Salmon in the Period of
Embryological Development, by V. I. Yefinov, (DC-10202)

RUSSIAN, per, Nauch-Tekhn Byul PINRO, No 4 (22),
1962, pp 25-56.

*JPRS

Sci-Biol & Med Sci

Jan 64

A Method of Prediction of the Water
Temperature of the Barents Sea for Cold
Seasons, by A. A. Lebedev and V. T.
Zhevnovaty.

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1962, Vol 4 No 22, pp 29-30.
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Aug 65

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Supplies of Laminarian Seaweed Around Kil'din Island, by
Ye. I. Blinova, 5 pp.

RUSSIAN, per, Nauch Tekh Byull PINRO, NO 4, 1962, pp 36-38.

JPRS 22982

Sci-Biol & Med
Jan 64

248, 008

S-1200/63

Humpback Salmon in a Lake, by E. L. Bakshtanskiy,
(DC-10202)

RUSSIAN, per, Nauch- Tekh Byul PINRO, no 4 (22),
1962, pp 46-47.

*JPRS

Sci- Biol & Med Sci
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S-1200/63

Reasons for the Mass Deaths of Salmon in the Varzug
River in 1960, by M. G. Livshits, (DC-10202)

RUSSIAN, per, Nauch-Tekh Byul PINRO, No 4, (22),
1962, pp 47-48.

*JPRS

Sci-Biol & Med Sci
Jan 64

Changes in the Geographical Distribution of the
Fisheries and the Expected Effects of Regulation,
by N. A. Maslov.

RUSSIAN, per, Nauchno-Tekhnicheskii Byulleten,
Poliarnyy Nauchno-Issled Inst Morskogo Rybnogo
Khoz i Okean, No 1(15), 1961.
*Ministry of Agriculture

Sci - Biol/Med Sci
Mar 64

The Fisheries Characteristics of the West Spitsbergen
Region, by T. S. Berger.

RUSSIAN, per, Nauchno-Tekhnicheskii Byulleten,
Polyarnyy Nauchno-Issled Inst Morskogo Rybnogo
Khoz i Okean, No 1(15), 1961.

*Ministry of Agriculture

Sci - Biol/Med Sci
Mar 64

The Fishery Characteristics of the
West Spitsbergen Area, by T. S.
Berger.
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Byull. PINRO, 1961, Vol I, No XV,
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NLL 9022.56 1963 (35) (On Loan)

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The Preparation of a Permutational
Index by the Help of the Alphabetic
Punch Calculator. The First Results
of the Experiment of 17 Titles, by
A. I. Chernyi.
RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 4, 1964, pp 20-29.
NTC 72-10218-05B

Apr 72

Composition and Use of the Keyword-in-
Context Indexes, by G. E. Vleduts.
RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 4, 1964, pp 30-35.
NTC 72-10007-05B

Apr 72

Information Retrieval Based on Meaning
Codes, by L. E. Pshenichnaya.
RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 6, 1964, pp 25-26.
NTC 72-10224-05B

Apr 72

A Study of Inquiries for the Reference
Information for the Scientific Research
and Design, by D. P. Malyarenko.
RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 9, 1964, pp 3-7.
NTC 72-10225-05B

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Meeting, Dedicated to the Formation and
Prospectives of Development of the
Information Service in Chemical and
Petroleum Industries, by V. I. Vtyurin.
RUSSIAN, per, Nauchno-Tekhnicheskaya
Informatsiya, No 11, 1964, pp 22-23.
NTC 72-10006-05B

Apr 72

Biology -- The Science of Life, 250 pp.

RUSSIAN, bk, Nauka i Zhizn' Spetsial'nyy Nomer
o Zhivoy Prirode, No 4, Moscow, 1962,
pp 1-112.

JPRS 16270

Sci - Biol

Nov 62

217,394

J-1409/66

Poisonous Ideology of the Baptists, by V. I. Golubovich
(NY-13178).

UKRAINIAN, per, Nauka i Zhittya, No 1, Kiev, January
1959, pp 50-53.

*JPRS

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Mar 66

Poisonous Ideology of the Baptists, by V. I.
Golubovych, 6 pp.
UKRAINIAN, per, Nauka i Zhittya, No 1, Jan
1959, pp. 50-53.
JPRS 34775

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Apr 66

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(NY-3622).

Artificial Satellites of Mars?, by V. I.
Cherednychenko, 3 pp.

UKRAINIAN, per, Nauka i Zhyttya, No 11, Kiev,
1959, p 8.

JPRS 2449

Sci - Astron
Apr 60

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(NY-3962)

For the Production of Synthetic Materials, by
K. A. Kornev, 2 pp.

UKRAINIAN, per, Nauka i Zhittya, No 1, Kiev,
1960, p 12.

JPRS 2831

Sci - Misc, Org

Jun 60

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(NY-3982)

New Antibiotics, by V. P. Tul'chyns'ka, 2 pp.

UKRAINIAN, per, Nauka i Zhittya, No 1, Kiev,
1960, p 13.

JPRS 2831

Sci - Misc, Org

Jun 60

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(NY-3962)

Increasing the Durability of Machinery, by
K. F. Starodubov, 2 pp.

UKRAINIAN, per, Nauka i Zhittya, No 1, Kiev,
1960, p 13.

JPRS 2831

Sci - Misc, Org

Jun 60