

Concerning the Hypothesis in Regard to Clumps of
Color-Sensitive Photoreceptors, by A. I. Smirnov,
M. M. Bongard, 6 pp. (ID 2040268)

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ACS, I, G-7153 B

Sci - Medicine

45, 715

The Movement of Eyes in the Process of Changing the
Points of Fixation, by A. L. Yarbus, 6 pp. (ID 2040268)

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Sci - Medicine

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ACS, I, G-7153 D

Sci - Medicine

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The Movements of Eyes in Watching Images in Three
Dimensional Movies, by A. L. Yarbus, N. L. Gol'tman
10 pp. (ID 2040268)

RUSSIAN, per, Trudy Inst Biol Fis, No 1, 1955,
pp 172-177.

ACS, I, G-7153 E

Sci - Medicine

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The Effects of Noise of Different Intensities on
the Stability of Clear Vision, by L. L. Seletskaya,
6 pp. (ID 2040268)

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pp 178-191.

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Sci - Medicine

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The Effects of a Brilliant Source of Light on the
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(ID 240268)

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Sci - Medicine

43, 721

Determination of the Average Minimal Intensity of
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B. E. Shoyvekhman, 16 pp. (ID 2040268)

RUSSIAN, per, Trudy Inst Biol Fiz, No 1, 1955,
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Sci - Medicine

45, 691

Problems of Plant Physiology in the Extreme North
of USSR, by V. P. Dadykin.

RUSSIAN, per, Ak Nauk SSSR, Yakutskiy Filial
Inst Biol Trudy, No 1, 1955, pp 74-84. CIA D
9008118

USDA

Sci - Biology

45, 298

Mar 57 CTS Index

Combined Effects of Vibration and Acute Irra-
diation on the Functional Condition of the
Vestibular Organ of Guinea Pigs, by

Z. I. Apanasenko.

RUSSIAN, per, Trudy AN SSSR. Institut Biolo-
gicheskoy Fiziki, 1964, pp 92-102.

FTD-MT-24-142-67

P100124668-V

Sci/B&M
Aug 67

61-28175

Ganyushkina, S. M.
GASEOUS EXCHANGE, RESPIRATION, AND CIRCULATION OF THE BLOOD IN COWS AS DEPENDENT ON THE BODY TYPE. [1961] [11] p. 9 refs.
Order from OTS or SLA \$1.60 - 61-28175

I. Ganyushkina, S. M.
II. Translations, New York

Trans. of Akad[emiya] Nauk SSSR. Institut Biologii, Sverdlovsk Trudy, 1957, no. 4, p. 59-69.

DESCRIPTORS: *Respiration, *Blood circulation, *Cattle, Mammals, Tests, *Body weight, Milk, Production, Physiology, Biological laboratories.

Experiments were conducted under production conditions in the spring and summer of 1947 and the summer and autumn of 1948, on cows with euryomatic and leptosomatic body types. The results showed that cows and calves of the euryomatic type of build are characterized by a lower intensity of blood circulation. (Agriculture--Animal Husbandry, TT, v. 6, no. 12)
(over)

Office of Technical Services

<p>Shentyakov, V. A. REACTIONS OF FISHES IN ALTERNATING CURRENT ELECTRIC FIELDS (O Reaktsiyakh Ryb v Elektricheskikh Polyakh Peremennogo Toka) tr. by M. Slade. [1960] [35]p. (foreign text included) 28 refs. [CSIRO] Trans. no. 4898. Order from LC or SLA ml\$3.00, ph\$6.30 61-13958</p> <p>Trans. of Akademiya Nauk SSSR. Institut. Biologii Vodokhranilishch. Trudy, 1959, v. 1(4) p. 309-323.</p> <p>151938</p> <p>(Biological Sciences--Zoology, TT, v. 5, no. 9)</p>	<p>61-13958</p> <p>I. Fishes--Physical factors 2. Alternating current-- Physical effects 1. Shentyakov, V. A. II. CSIRO Trans-4898 III. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>Office of Technical Services</p>
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Bodrova, N. V.
PERIPHERAL NERVOUS APPARATUSES OF CHEMI-
CAL SENSE OF EEL-POUT. [1963] 43p 64refs
Order from OTS, SLA, or ETC \$4.60 TT-64-13310

Trans. of [Akademiya Nauk SSSR. Institut Biologii
Vodokhranilishch Trudy] 1960, v. 3(6) [p. 248-265]
(Abstract available)

DESCRIPTORS: *Sensory mechanisms, *Fishes,
*Chemoreceptors, Nerves,

In eelpout the taste organs or the taste buds are found beside the mustache, also on the lips, in the mouth cavity, in the throat, in the gill cavity, on the breast fins, in the skin cover of the head and on the belly. The fundamental apparatus of the taste bud appears to be the free extremities (endings) of the facial nerve. The olfactory organ of eelpout is located on the pair-type olfactory cavities of the skull which are covered with the (Biological Sciences--Zoology, TT, v. 11, no. 10)(over)

TT-64-13310

1. Title: Eelpout
2. Title: Zoarcidae
- I. Bodrova, N. V.
- II. Army Medical Research
Lab., Fort Knox, Ky.

Office of Technical Services

(NY-6543)

The Effect of Various Substances Administered to
Mice on the Effect of Radiation, by N. V. Luchnik,
57 pp.

RUSSIAN, per, Trudy Inst Biologii, No 12, 1960,
pp 46-75.

JPRS 9718 165, 016

Biol
Sci - Med

Aug 61

(NY-6543)

The Effect of Cysteine and Certain Other Sulfur-
Containing Substances on the Effect of Irradiation
of Animals and Plants, by N. V. Inchnik, Ye. Ya.
Timofeyeva-Rasovakaya, 37 pp.

RUSSIAN, per, Trudy Inst Biologii, No 12, 1960,
pp 76-92.

JPRS 9718

165,017

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Sci - Biol

Aug 61

(NY-6543)

The Effect of Yeast Extracts on the Mortality of
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Luchnik, 51 pp.

RUSSIAN, per, Trudy Inst Biologii, No 12, 1960,

pp 93-118.

JPRS 9718

165, 019

Sci - Biol

Aug 61

The Distribution of Dispersed Elements ~~XXXXXX~~
Throughout the Components of Water Basins,
by N. V. Timofeyev-Resovskiy, 9 pp.

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No 12, 1960, pp 189-193. 9680006

FTD-TT-62-1314

Sci-Easth Sci & Astron
Apr 63

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Data on Study of Flora and Vegetation of the
Ural, No 1.

RUSSIAN, per, Tr Ak Nauk SSSR, Inst Biol,
Sverdlovsk, No 28, 1962, 135pp.

*FTD TT-53645

Sci-Biol
Dec 63

Fungi Causing Cedar ~~XX~~ Timber Rot in
the Urals, by N. T. Kartavenko, 30 pp.

RUSSIAN, per, Trudy Inst Biol Ural' Filiala
Ak Nauk SSSR, No 6, 1955, pp 119-124.
0097148

OIB 60-21890
FL-480

Sci - Biol
Apr 62

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Mycotic Diseases of Insular Pine Forests of Transural
Forest-Steppe, by N. T. Kartavenko, 37 pp.

RUSSIAN, per, Trudy Instituta Biologiy Uralskiy
Filial Akademiya Nauk SSSR, No 15, 1960, pp 107-130.

NTIS TT 70-57223

Sept 71

On the Radioactive E Contamination of the
Biosphere and Measures of Combating these
Contaminations by N. V. Timofeyev-Rosovskiy
16 pp.

RUSSIAN, ⁵¹ ~~Trudy~~, Institute Biologii,
Ural'skiy Filial, Ak Nauk SSSR, No 22, 1962,
pp 7-16. 9670298

FTD-TT-63-664

Sci - Biol/Med Sci
Oct 62

345, 289

Margolina, L.L.

Contribution to the problem of feeding *Tendipes plumosus* 19-1
in the Rbinsk water reservoir (K voprosu o pitanii *Tendipes*
plumosus v Rbinskom vodokhranilishche)
Trud Instituta biologii vodokhranilishche, 4(7): 246-249.
in Russian.

Transl. by Transl. Bur., Ent. Lab., Div., Dept. of Sec. of
State of Canada, for FR C Freshwater Institute Winnipeg, Man.,
1961, as Transl. Series No. 19, 13p., 1 description.

Original Article Checked *MLK*

State of the Benthos in the Gorki Reservoir
During the Years 1960-1962,

by F. D. Mordukhai-Boltovakoi.

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Vod, No 6(9), 1963, pp 60-77.

CFSTI TT 68-50389

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Distribution of Zooplankton in the Rybinsk Reservoir in Spring, by F. D. Mordukhai-Boltovskoi, A. V. Monakov.

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CFSTI TT 68-50389

Sci-B and M
Feb 69

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Epifauna of the Flooded Forests in the Rybinsk
Reservoir, by V. P. Luferov.

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Vod, No 6(9), 1963, pp 123-129.

CFSTI TT 68-50389

Sci-B and H

Feb 69

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Formation of the Zooplankton in the Gorki Reser-
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CFSTI TT 68-50389

Sci-B and M
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Duration of the Formation of Fish Schools in the
Volga Reservoirs, by A. G. Poddubnyi.
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CFSTI TT 68-50389

Sci-B and M
Jan 69

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The Importance of Flooded Forests for the Fish
Population of a Reservoir, by A. G. Poddubnyi.
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Vod, No 6(9), 1963, pp 184-194.
CFSTI TT 68-50389

Sci-B and M
Feb 69

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Habitat Conditions and the Behavior of Fish in
the Tailwater of the Volga Hydroelectric Power
Station im. V. I. Lenin, by I. V. Sharonov.
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Vod, No 6(9), 1963, pp 195-200.
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The Dynamics of the Age Composition and Growth
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by I. V. Sharonov.

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CFSTI TT 68-50389

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Reproduction Conditions of Commercial Fish in the
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Sci-B and M
Feb 69

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Temperature Fluctuation and its Dynamics in the
Rybinsk Reservoir, by K. K. Edel'shtein.
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Vod, No 6(9), 1963, pp 250-257.
CFSTI TT 68-50389

Sci-B and K
Feb 69

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Currents in the Rybinsk Reservoir, by N. V. Butorin,
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Vod. No 6(9), 1963, pp 270-302.

CFSTI TT 68-50389

Sci-B and M

Feb 69

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Quantitative Study of the Overgrowth Fauna of the
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Sci-B and K

Feb 69

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An Experiment in Quantitative Estimation of
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S. M. Lyakhov, V. P. Mikheyev,
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No 9, 1963, pp 303-308.
NLL RTS 3902
ON LOAN ONLY

Sci-B&M
Jul 67

~~XXX~~ 330,583

Certain Characteristics in the Development of Parasitic
Fauna of Fish in New Water Reservoirs, by N. A.
Izyumova.

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Nauk SSSR, ~~XXXXXXXXXXXXXXXXXXXX~~ Vol 1, 1959,
pp 324-331. 9220131

USDA Tr A-1412

OTS TT-63-24385

Sci - Biol & Med Sci
Mar 64

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The Predatory Feeding of Acanthocyclops
Viridis, by V. A. Monakov.
RUSSIAN, per, Trudy Inst Biol Vodokhran,
Vol 5, 1959, pp 177-127.
NLL Ref: 9022.29 (FBA 12)

Sci-B&M
Oct 69

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Effect of Temperature on the Embryonic Development
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and The White Bream (*Blicca Bjoerkna L.*), by
V. M. Volodin, 7 pp.
RUSSIAN, prer, Trudy Inst Biologii Vodokhranilishch,
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OTS 63-11125
PL-480

Sci - Biol & Med Sci
May 64

257,682

**Role of the Receptors of the Body Surface in
the Mechanism of the Reaction of Fish to Electric
Currents, by N. V. Bodrova, B. V. Krayukhin,
8 pp.**

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Vol III, No 6, 1960, pp 266-272. 9221967
OTS 63-1111
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May 64**

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Margolina, G.L.

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Contribution to the problem of feeding Tendipes plumosus
in the Rybinsk water reservoir (K voprosu o pitanii Tendipes
plumosus v Rybinskom vodokhranilishche)
Trudy Instituta biologii vodokhranilishch, 4(7): 246-249.
In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for FRBC Freshwater Institute Winnipeg, Man.,
1961, as Transl. Series No. 1798, 13p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Toxicity of Blue-green Algae, by N. N. Smirnov.
RUSSIAN, per, Trudy Inst. Biol. Vodokhranilishch
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IRC/Ref? C-5148 NRC TT - 1152 (mimeo - \$1.00)

Sci -
Jul 67

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Observations on the Behavior of Polyphemus
pediculus and Functions of Its Extremities
in the Process of Feeding, by

L. G. Butorina.

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Vol 8, No 11, 1964, pp 44-53.

NLL Ref: 9022.29 (FBA 3)

Sci-B&M
Oct 69

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The Action of Certain Gases on the Mycelium of
House Fungi and the Depth of Penetration of Gases
Into Wood, by S. I. Vanin, N. N. Vladimirovskaya,
24 pp.

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Sci Tr Center RT-1657

Scientific - Biology

Apr 55 CTS

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UNCLASSIFIED

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pp 307-344.

ATIC F-ES-8272

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CIA 2524006

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<p>Pankova, I. A. HERRACEOUS PLANTS WITH VITAMIN-C CONTENT (Travvaniste C-Vitaminonoz). Jan 61 [55]p. 161 refs. RTS 1675. Order from LC or SLA ml\$3.60, ph\$9.30 61-15722</p> <p>Abridged trans. of <u>Akademiya Nauk SSSR. Botani-</u> <u>cheskiy Institut. Trudy Seriya V: Rastitel'noye</u> <u>Syr'ye</u>, 1949, no. 2, p. 292-325 and 470-478.</p> <p>(Biological Sciences--Botany, TT, v. 5, no. 12)</p>	<p>61-15722</p> <p>I. Plants--USSR 2. Ascorbic acid--Sources I. Pankova, I. A. II. RTS-1575 III. Department of Scientific and Industrial Research (Gt. Brit.)</p> <p>100642</p> <p>Office of Technical Services</p>
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Micro-Complexity and Mosaic-Like Distribution
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E. Lavrenko.

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CSIRO/No 6055

Sci-Biol
July 63

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*OTS 64-11083
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Sci
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61-15746

Dranitsyna, Yu. A.
INVESTIGATION OF THE FIXED OIL OF
PACHYPLEURUM ALPINUM LDB. (Issledovaniye
Zhirnogo Masla Tolatorebnerika Al'pyskogo
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RTS 1676.
Order from LC or SLA mi\$1.80, ph\$1.80 61-15746

Trans. of Akademiya Nauk SSSR, Botanicheskiy
Institut, Trudy, Seriya V: Rashtel'noye Svr'ye, 1955,no. 5, p. 85-89.

1. Vegetable oils--Sources
2. Plants--Arctic regions
- I. Dranitsyna, Yu. A.
- II. RTS-1676
- III. Department of Scientific
and Industrial Research
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100640

Office of Technical Services

(Biological Sciences--Botany, TT, v. 5, no. 12)

Methods of Introduction and Acclimatization of
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Botanicheski Institut. No 5, 1957, pp 93-106

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Oct. 62

The Mycological Flora of the Juniper Forests of
the Central Part of the Turkestan Range, by
Ya. I. Korbonskaya.

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Mar 65

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NLL RTS 3489
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Sci-Agr
Apr 67

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CONNECTION BETWEEN POLYCOTYLEDONOUS SEEDLINGS
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GTS 60421912
PL-000

SCI - BIOL

NOV 61
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Effect of Soil Temperature on the Content of
Different Forms of Boron in Bean Plants
(Phaseolus Vulgaris L.), by F. A. Paribok,
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V. I. Komarova, Akademiya Nauk SSSR, Eksperimental'naya
Botanika, Vol IV, No 15, 1962. 9201248

Sci - Biol
Jan 63

AEC-tr-5488

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The Effect of Boron and Hydrogen Peroxide on
Tree-Seed Germination, by V. G. Yudin, 9 pp.
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OTS 64-11006
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Jan 65

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A Contribution to the Algal Flora of the Kola Peninsula, by A. A. Korshikov.

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Sep 60

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S-5120

(NY-2649)

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JPRS-L-814-M

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Jun 59

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Sci - Min/Metals
Dec 56 CTS

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Sci -
Aug 67

339-422

An Apparatus for the Determination of
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Z.I. Pokrasov, N.A. Gloukov, et al.
USSRIAN, for, Akad. Ukrain. SSR, Trudy
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Vol 12, 1960, pp 163-168.
BISI 3962

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Sci/Met
Top 65

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BISI 3950

Sci-M/M
Feb 65

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Pre-Compressed Rolls, by A.P. Chekmarov,
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Inst. Chem. Met. Vol 13, 1960,
pp 126-139.

BISI 4170

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Sci/M&M
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Electron Microscope Examination of the Structure of Hardened and Tempered Low-Carbon Steel, by K. F. Starodubov.

RUSSIAN, per, AN Ukrain. SSR Trudy Inst. Chern. Met, Vol 13, 1960, pp 242-245.

BISI 5137

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Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Jan 67

Methods of Decreasing Steel Consumption in the
Production of Large Diameter Tubes for Main Pipe
Lines, by K. F. Starodubov, et al.

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Term. Obrab. Met., Stali Chuguna, 1961, No. 14,
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Sci-MM
Apr 65

Nikitina, E. A.
PURIFICATION OF TECHNICAL SODIUM BICHROMATE AND PRODUCTION THEREOF OF CHROMIC ANHYDRIDE. [1963] 9p. 7 refs.
Order from OTS or SLA \$1.10

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I. Nikitina, E. A.

Trans. of Institut Chistykh Khimicheskikh Reaktivov.
Trudy (USSR) 1930, v. 9, p. 161-167.

DESCRIPTORS: *Sodium compounds, *Chromates,
*Chromium compounds, Oxides, Purification, Crystallization, Recrystallization.

(Chemistry--Inorganic, TT, v. 10, no. 7)

Office of Technical Services

Preparation of Morphine Salts, by A. El'iu.

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ATS 45-2884

Sci - Chem

Jun 69

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Order from OTS or SLA \$1.10 61-18149

Trans. of Institut Khimicheskikh Reaktivov.
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DESCRIPTORS: *Laboratory equipment, *Fractionation,
*Distilling plants.

When components are fractionated of close boiling points, reflux formation in a homothermal condenser depends exclusively upon the amount of liquid in the latter and is independent of the amount of vapor entering the condenser per unit time. The dependence of the reflux formation upon the amount of liquid in the condenser is a linear function. (Author)
(Chemistry--Physical, TT, v. 7, no. 6)

61-18149

I. Zepalova-Mikhailova, L. A.

Office of Technical Services

Mikhailov, G. I. and Ermakova, A. M.

PREPARATION OF PYROCATECHOL FROM GUAIA-
COL. [1961] 3p. 8 refs.

Order from OTS or SLA \$1.10

61-18140

Trans. of Institut Khimicheskikh Reaktivov,
Trudy (USSR) 1941, v. 18, p. 80-82.

DESCRIPTORS: *Pyrocatechol, Synthesis, *Methyl
ethers, Hydrochloric acids, Acids, Ethers, Chemical
reactions.

A method of demethylation of guaiacol with the aid of
8-9% hydrochloric acid under 15 atm pressure is
proposed, with which pure catechol can be obtained
with mp 105-106° in yields of 73-80% theor. (Author)

(Chemistry--Organic, TT, v. 7, no. 6)

61-18140

- I. Title: Guaiacol.
- I. Mikhailov, G. I.
- II. Ermakova, A. M.

Office of Technical Services

Flow of Gas in the Channel of an Axial Friction
Turbine, by K. K. Sokolov, 8 pp. POST EDITED
RUSSIAN, per, Trudy Inst Dvigatelay, Ak Nauk SSSR,
No 6, 1962, pp 76-81. 9693506
FTD-MT-64-03
GOV'T USE ONLY

Sci - Engr
Aug 64

265,173

Development of Flame After Ignition by Stabilized
and Nonstabilized Electric Spark, by N. N. Zagryazkin,
16 pp. POST EDITED
RUSSIAN, per, Trudy Inst Dvigatelay, Ak Nauk SSSR,
No 6, 1962, pp 110-117. 9693506
FTD-MT-64-03
XGOV'T USE ONLY

Sci - Engr
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265,174

Methodology for the Calculation and Measurements
Relative to the Mixing of Gases, by B. S. Stechkin.
RUSSIAN, per. Trudy Ak Nauk SSSR, Institut Dvigatelya,
No 6, 1963, pp 138, 139.
•FTD-TT-65-951

Sci-Phys
Jul 66

A Protein-Vitamin Complex Suitable for Alimentary
Prophylaxis of Radiation Sickness, by A. A. Nozhenko,
6 pp.

RUSSIAN, per, Trudy Inst Eksperi i Klinicheskoy
Meditsiny Ak Nauk Lat SSR, No 28, 1962, pp 83-86
9691873

FTD-TT-63-1064

Sci - Biol & Med Sci
Mar 64

253,058

Effect of Gamma-Irradiation on the Thiamine and
Riboflavin Content in the Liver and Brain and Vitamin
B12 in the Rat Liver Depending on the Nutritional Value
of the Diet, by Kh. F. Bass-Shadkhan, 16 pp.

RUSSIAN, per, Trudy Inst Eksperi i Klinicheskoj Medit
Ak Nauk Lat SSR, Nauk Lat SSR, No 28, 1962, pp 7-22
9691873

FTD-TT-63-1064

117-129.

Sci - Biol & Med Sci
Mar 64

253,059

Studies of the Antitumor Effects of Radioactive
Methylene Blue Labelled With S³⁵, by

N. A. Vodolazskaya, et al.

RUSSIAN, per, Trudy Inst. Eksp. Klin. Onkol.
Akad. Med. Nauk SSSR, No 2, 1960, pp 159-166.

*AEC

Sci/EGH

Apr 67

The Antibiotic Effect of Molds of the Genera
Fusarium and Penicillium on the Tuberculosis
Bacillus, by A. Ioffe, 7 pp.
RUSSIAN, per, Trud Inst Eksper Medit Ak
Nauk Litovoskoy SSR, Vol III, 1955, pp 64-67.
JPRS 25182

Sci - Med
Jul 1964

262,661

Antibiotic Action Certain Penicillium Fungi on
Staphylococcus in Vitro and in Vivo, by
A. Joffe, A. Jackevicius, 3 pp.

~~RUSSIAN, per, Trudy~~

LITHUANIAN, per, Trudy Inst Eksper Medit Ak Nauk
Litovskoy SSR, Vols III-IV, 1958, pp 185-192.

*OTS 65-50109
PL-480

Sci
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Antibiotic Action of Certain Penicillium Fungi on
Staphylococcus in Vitro and in Vivo,
by A. Z. Ioffe, A. S. Yatskevichyus, et al, 10 pp.
RUSSIAN, per, Trud Institut Eksperim Medit
Ak Nauk SSSR, VOI IV-V, 1958, pp 183-191.
JPRS 25357

Sci - B & M
Jul 64

263,581

The Antibiotic Effect of Molds of the Genera
Fusarium and Penicillium on Certain Microbes
of the Enteric Group in Vitro, by I.A. Ioffe,
N. Yeshmantayte, et al, 9 pp.
RUSSIAN, per, Trud Inst Eksper Medit aAk
Nauk Litovskoy SSR, Vol III, 1955, pp 167-72.
JPRS 25182

Sci - Med
Jul 1964

262,660

Antibiotic Action of Certain Mold Fungi on
Agents Causing Intestinal Infection in Vivo,
yby A. Z. Joffe, N. Tesmantaitė, 7 pp.
RUSSLITHUANIAN, per, Trud Inst Eksp. Medit
Ak Nauk Litovakoy SSR, Vols. IV-V, 1958,
pp 177-181.
JPRS 25182

Sci T Med
Jul 1964

262,669

Antibiotic Antitumor Agents Secreted by
Actinomyces, by A. Z. Ioffe, G. A. Mishkinite,
14 pp.
LITHUANIAN, per, Trud Inst Ekspriker Medir
Ak Nauk Litovakoy SSR, Vols. IV-V, 1958,
pp 193-205.
JPRS 25182

Sci - Med
Jul 1964

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The Effect of Aminazine on the Pathological Inertia
of Neural Processes, by N. P. Murav'yeva, 10 pp.

RUSSIAN, per, Trudy Inst Eksperimental'noy
Meditsiny Ak Med Nauk SSR Ezhegodnik, 1958, Leningrad,
k 1959, pp 42-49.

NIH 2-42-64 (Loan)

Sci - Biol & Med
Apr 64

The Effect of Certain Neuroplegic
Drugs on the Foci of Inert
Excitation in Motor Analysors of
Dogs, by I. V. Danilov.
RUSSIAN, per, Trudy Instituta
Ekspperimental'noy Meditsiny AMN SSSR,
Yezhegodnik za, 1958, god, pp 25-31.
NIH 9-47-64
(LOAN)

Sci-B&M
Jul 65

The Effect of Aminazine on Inert
Foci of Increased Excitation in
Dogs, by N. N. Kudryavtseva.
RUSSIAN, per, Trudy Instituta
Eksperimental'noy Meditsiny
AMN SSSR, Yezhegodnik za 1958, god,
pp 38-42, 1959.
NIH 9-49-64
(LOAN)

Sci-B&M
Jul 65

Karasik, V. M.

POSSIBILITIES OF PHARMACOLOGICAL ACTION
ON THE PROTEIN WHICH STORES ACETYLCHO-
LINE IN CHOLINERGIC STRUCTURES. [1961][10]p.
35 refs.

Order from OTS or SLA \$1.10

61-28835

Trans. of A
Trans. of A[kademiya] M[editainskikh] N[auk] SSSR.
[Institut Eksperimental'noi Meditsiny]. Ezhegodnik,
1958 [v. 4] p. 197-205.

DESCRIPTORS: *Acetylcholines, *Cholinesterase,
Inhibition, *Proteins, Synthesis, Spasms, Therapy,
Thiols, Toxicity.

(Biological Sciences--Pharmacology, TT, v. 7,
no. 10)

61-28835

I. Karasik, V. M.
II. Translations, New York

Office of Technical Services

Novikova, N. A.

USE OF HEXONIUM IN EXPERIMENTAL ATHERO-
SCLEROSIS IN RABBITS. [1961][8]p. 18 refs.
Order from OTS or SLA \$1. 10

61-28426

Trans.
Trans. of [Akademiya Meditsinskikh Nauk SSSR. In-
stitut Eksperimental'noi Meditsiny. Ezhegodnik] 1958
[v. 4] p. 410-415.

DESCRIPTORS: *Hexonium, *Arteriosclerosis,
*Cholestrol, Adrenal glands, Ascorbic acid, Inhibition.

Hexonium, subcutaneously administered in doses of 2
and 10 mg/kg, does not change the cholesterol and
lecithin in the blood serum or the ascorbic acid con-
tent of the adrenal glands in rabbits. Hexonium in the
same doses inhibits the development of nutritional
hypercholesteremia, but does not change the lecithin
content as compared with the lecithin content in rabbits
(Biological Sciences--Pharmacology, TT, v. 7, no. 9)
(over)

61-28426

I. Novikova, N. A.
II. Translations, New York

Office of Technical Services

Ozone as a Condensation Factor of Water Vapor, by
N. V. Rudakova, 15 pp.

RUSSIAN, per, Trudy Inst Eksperimental Meteorol,
Vol I, 1937, pp 102-108.

SLA 59-12698

Sci - Chem
Jul 59
OTS I, 11

91,013

Electric Conductance and Its Nature in the CeO_2 -BeO,
 CeO_2 -MgO, CeO_2 -CaO, CeO_2 -SrO, and CeO_2 -BaO, by

A. D. Neuymin, S. F. Pal'guyev, *9/22*

RUSSIAN, per, Trudy Inst Elektrokhim Ural Filial
Ak Nauk SSSR, No 3, ~~1962~~ 1962, pp 141-147.

~~KIP~~ *ACSI I-4321
ID 2204006864

Sci - Chem
Mar 64

Electric Conductance and Its Nature in the CeO_2 -
 BeO , CeO_2 - MgO , CeO_2 - CaO , CeO_2 - SrO , and
 CeO_2 - BaO , by A. D. Neuymin, S. F. Pal'guyev, 9 pp.
RUSSIAN, per, Trudy Inst Elektrokhim, Ural Filial
Ak Nauk SSSR, No 3, 1963, pp 141-147.
ACSI I-432I
ID 2204006864

Sci - Chem
May 64

254,857

Behavior of a Platinum Electrode in Fused Carbonates,
by A. M. Trunov, G. K. Stepanov, 13 pp.
RUSSIAN, per, Trudy Inst Elektrokhimii, No 2, 1961,
pp 97-106.
CIA/FDD X-5546

Sci - Elec
Mar 65
FOR OFFICIAL USE ONLY

265,634

Anodic Polarization of a Platinum Electrode in
Fused Carbonates, by A. M. Trunov, G. G. Arkhipov,
9 pp.
RUSSIAN, per, Trudy Inst Elektrokhimii, No 2, 1961,
pp 107-114.
CIA/FDD X-5547

Sci - Elec
Mar 65
FOR OFFICIAL USE ONLY

275,633

Electric Conductivity and Density of Fused
Carbonates of the Alkali Metals I. Systems
 $\text{Na}_2\text{CO}_3\text{-Li}_2\text{CO}_3$ and $\text{K}_2\text{CO}_3\text{-Li}_2\text{CO}_3$, by G. V. Vorob'yev,
S. F. Pal'guyev, 7 pp.
RUSSIAN, per, Trudy Inst Elektrokhimii, No 2, 1961,
pp 115-119.
CIA/FDD X-5548

Sci - M/M

Mar 65

FOR OFFICIAL USE ONLY

275,632

Density and Electric Conductivity of Fused
Carbonates of the Alkali Metals III. The Ternary
System $\text{Na}_2\text{CO}_3\text{-K}_2\text{CO}_3\text{-Li}_2\text{CO}_3$, by S. F. Pal'guyev,
G. V. Vorob'yev, 7 pp.
RUSSIAN, per, Trudy Inst Elektrokhimii, No 2,
1961, pp 121-129.
CIA/FDD X-5549

Sci - M/M

Mar 65

FOR OFFICIAL USE ONLY

275,631

Cathodic Polarization of a Porous Silver Electrode
in Fused Carbonates, by A. M. Trunov, G. K. Stepanov,
11 pp.
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1962, pp 69-76.
CIA/FDD X-5550

Sci - Elec
mar 65
FOR OFFICIAL USE ONLY

275,630

The Electrical Conductivity of Hard Oxide Systems.
II. The System $ZrO_2 - CaO$. The Structural Composition
and Ceramic Properties of Specimens of Various
Compositions in This System, by Z. S. Volchenkova,
S. F. Pal'huyev. 16 pp

RUSSIAN, per, Trudy Inst'a Elektrokhim Ural'skiy
Fil Ak Nauk SSSR, No 1, 1960, pp 119-126. 08-01-64

FTD-TT-62-1275

Sci - Chem

Sep 62