

The Late Precambrian of the Northern Murmansk Region, by B. M. Keller, B. S. Sokolov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5, 1960, pp 1154-1157.

AGI

Sci

Aug 61

163, 854

New Data on the Flora in the Akchagylian Deposits
of the Middle Volga Region, by T. A. Kuznetsova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No. 5,
1960, pp 1158-1160.

AGI

Sci

Aug 61

163, 855

— — — — —

Beds at the Devonian-Carboniferous Boundary and
Lower Tournaisian Formation of the Middle Urals
(Vilva, Kosva, and Levikha Rivers), by O. A. Lipina,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1161-1164

AGT

Sci

Aug 61

163, 857

New Data on the Phases of Vulcanism in the Soviet Carpathians, by Ye. V. Maleyev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1165-1168

AGI

Sci

Aug 61

163, 856

Paleozoic History of the Donbas-Promyslovka
Zone, by Ya. P. Malovitsky, A. I. Letavin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXIII, No 5,
1960, pp 1169-1172.

AGT

Sci

Aug 61

163, 858

The Calculation of Evaporation from a Bounded Reservoir Including the Effect of Horizontal Mixing, by L. S. Gandin, R. E. Soloveychik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5, 1960, pp 1070-1072.

AGI

Sci

163, 872

Aug 61

Some Peculiarities in the Recent Tectonic Movements
of the Verkhoyan-Kolyma Region, by B. A. Petrushevsky,
I. A. Resanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1173-1175.

AGI

Sci

Aug 61

The Age of the Salt Beds and the Diabases in the Vicinity of Seregovo in the Southwestern Timan Region, by V. A. Raznitsyn, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1960, pp 1176-1178.

AGI

Sci

Aug 61

163, 859

Some Connections between Recent Movements and
Seismic Activity in the Caucasus, by V. A.
Rastvorova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1179-1182

ATS RJ-5498 AGI

Sci

Aug 61

163, 861

The Eopleistocene Basin of the Nizhnyaya
Tunguska, by S. M. Tseytlin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1183-1185.

AGI

Sci

Aug 61

163,860

New Data on the Odintsovo Interglacial Deposits,
by S. M. Shik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1187-1190

ACI

Sci

Aug 61

163, 862

Berylliosodalite, by Ye. I. Semenov, A. V. Bykova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1191-1193.

AGI

Sci

Aug 61

163, 831

On the Manner in which the Number of Mammalian Striated Muscle Fibers Increases during Histo-gensis, by I. N. Borisov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1199-1200.

AIRS

Sci

149,236

Apr 61

Innervation of the Intramedullary Blood Vessels~~lsk~~
of the Spinal Cord, by P. A. Motavkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1201-1204.

AIBS

Sci

Apr 61

149,238

Cause of Carp Disease in the Lower V^{olga}, by
T. V. Astakhova, M. S. Kim, D. L. Teplyy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No # 5, 1960, pp 1205-1208.

AIBS

Sci

149,232

Apr 61

Oxidation of L-Malic Acid and of Reduced
Diphosphopyridine Nucleotide in the Cytoplasmic
Membrane of *Micrococcus Lysodeikticus*, by N. S.
Gel'man, I. G. Zhukova, A. I. Oparin, 4 pp.

RUSSIAN, par. Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1209-1212.

AIBS

Sci

Apr 61

153, 075

Changes in the Proportion of Esterified to Free
Chlorophyll During the Process of Its Formation, by
T. N. Godnev, N. K. Akulovich, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1213-1215.

AIBS

Sci

SLA 61-10385

Apr 61

Comparative Study of the Nucleotide Composition of the
Desoxyribonucleic Acids of the Organs of Different
Animals, by I. P. Kok, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1216-1218.

AIBS

Sci

Apr 61

153,077

Study of Degradation of Starch During Exposure to
Ionizing γ -Radiation, in Relation to the Dosage
Administered, by V. F. Oreshko, K. A. Korotchenko,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1219-1222.

AJBS

Sci

1 Apr 61

153, 076

New Model of Esterase Catalysis, by V. I. Rozengart,
3 pp.

RUDSTAM, PZ, Dok Akad Nauk SSSR, Vol CXXIII, No 5,
1960, pp 1223-1226.

AIBS

Sci

Apr 61

153, 078

<p>EI'piner, I. Ye. and Sokol'skaya, A. V. FORMATION OF AMINO ACIDS BY THE ACTION OF ULTRASONIC WAVES ON SOLUTIONS OF ORGANIC COMPOUNDS SATURATED WITH MOLECULAR NITROGEN. [1961] 4p. Order from ATS \$7.00 ATS-09N51R</p> <p>Trans. of Akad[emya] Nauk SSSR, Doklady, 1960, v. 133, no. 5, p. 1227-1230.</p> <p>DESCRIPTORS: *Amino acids, Synthesis, Ultrasonics, *Ultrasonic radiation, Solutions, Organic compounds, *Nitrogen, Chemical reactions, Nitrogen compounds.</p> <p>(Chemistry--Organic, TT, v. 6, no. 1)</p>	<p>61-22370</p> <p>I. EI'piner, I. Ye. II. Sokol'skaya, A. V. III. ATS-09N51R IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p>161863</p> <p>Office of Technical Services</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

The Anatomical Structure of the Conducting
System of Leaf Petioles of Representatives of
Families Hamamelidaceae and Altingiaceae, by
N. T. Skvortsova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1231-1234.

AIBS

149,101

Sci

Apr 61

Analysis of the Diagnostic Features of the Wood
of Conifers (Pits on the Transverse Fields of
Several Representatives of Taxodiaceae, by E.
S. Chavchavadze, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 19⁶⁰, pp 1235-1238.

AIRS

Sci

149, 103

Apr 61

A Study of the Microclimate of the Oak Forest,
by T. K. Goryshina, Yu. N. Neshatayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1239-1242.

AIBS

Sci

149,108

Apr 61

Effect of Temperature on the Process of Fertilization
and Seed Development Following Self-Pollination in
Corn, by Kh. Gering, T. K. Zorina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1243-1245.

AIBS

Sci

Apr 61

The Comparative Effectiveness of Isologous and
Heterologous Bone Marrow in Restoration of the
Blood-Forming System in Irradiated Mice, by
N. F. Barakina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1247-1250.

AIBS

Sci

149,242

Apr 61

The Influence of Duodenal Extracts on General Appetite, by A. M. Ugolev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1251-1254.

AIBS

Sci

Apr 61

149,217

Determination of the Period of Sensitivity to
Diethylstilbestrol During Gonad Differentiation
in Chick Embryos, by Kh. Menger, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1255-1258.

AIBS

Sci

Apr 61

149,005

A Study of Life Cycles of Some Helminths of Domestic Ducks Raised on Farms Along the Azov Sea Coast, by I. I. Kovalenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5, 1960, pp 1259-1261.

AIBS

Sci

Apr 61

On the Structure and Development of Supporting
Structures of Internal Medium Tissue of
Trematodes, E. D. Logachev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXXIII,
No 6, 1960, pp 1262-1263.

5

AIBS

Sci

Apr 61

149230

The Composition and Distribution of Authigenic Minerals in the Section of Tertiary Continental Deposits in the Eastern Part of Central Asia, by N. I. Gridnev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5, 1960, pp 1146-1149.

AGR 3 6

Sci

Aug 61

163, 853

On Extremal Control Processes With Dynamic Conversion and Memorization of the Input Signal in the Presence of Perturbations, by A. P. Turkevich, 5 pp.

RUSSIAN, per, Dok Akad Nauk, CXXIII, No 6, Aug 1960, pp 1307-10.

AIP
Sov Phys-Dok
Vol V, No 4

Internl Phys Index
Automation Express
Vol III, No 4

Sci

141,754

Mar 61

Dok Ak Nauk SSSR, Vol CXXXIII, No 6, 1960, p 1311-.

AIP
Sov Phys-Dok
Vol V, No 4

The Nonlinear Theory of Kortteweg Wave Propagation
by Ph. A. Zerkunyan, 3 pp.

RECEIVED, per, Dok Ak Nauk SSSR, Vol 67(1960), No 6,
1960, pp 1319-1322.

ACT

Sci

163, 874

Aug 61

Dok Ak Nauk SSSR, Vol CXXXIII, No 6, 1960, p 1323-.

AIP
Sov Phys-Dok
Vol V, No 4

<p>Ablov, A. V. and Samus', N. M. DIOXIMES OF TRIVALENT COBALT CONTAINING THE SELENOCYANATO-GROUP (Diksaliminy Trekhvalentnogo Kobal'ta Soderzhashchie Selenotsjanato- grupp) tr. by E. Feigl. [1962] [11]p. (foreign text included) 15 refs. [CSIRO] Trans. 5300. Trans. of Akad[emiya] Nauk SSSR. <u>Doklady</u> 1960, v. 133, no. 6, p. 1327-1330.</p> <p>DESCRIPTORS: *Complex compounds, *Cobalt com- pounds, *Oximes, Selenium, Cyanates, Chemical reactions. Methyl radicals.</p> <p>(Chemistry--Organic, TT, v. 11, no. 3)</p>	<p>TT-62-24623</p> <p>I. Ablov, A. V. II. Samus', N. M. III. CSIRO Trans-5300 IV. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>Office of Technical Services</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Shcheglova, A. P., Bogdanova, O. K., and
Balandin, A. A.
DEHYDROGENATION OF BUTANE-BUTYLENE MIX-
TURES ON ALUMINA-CHROMIA CATALYST. [1961]
7p. 6 refs.

Order from OTS or SLA \$1.10 62-10430

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960,
v. 133 [no. 6] p. 1350-1353.

DESCRIPTORS: *Butanes, *Butenes, Dehydrogenation,
Reaction kinetics, *Aluminum compounds, *Oxides,
*Chromium, Catalysts, Catalysis.

In the process of b-b mixtures dehydrogenation of
alumina-chromic catalyst, the following reactions
occur: (1) butane dehydrogenation to butylene, of
which the velocity is inhibited through butylene pres-
ence in starting mixture; (2) butane and butylene de-
(Chemistry--Physical, TT, v. 7, no. 10) (over)

62-10430

- I. Shcheglova, A. P.
- II. Bogdanova, O. K.
- III. Balandin, A. A.

Office of Technical Services

Specific Catalytic Activity of Iron Films Toward
Isotopic Exchange in Molecular Hydrogen, by M.
A. Avdeyenko, G. K. Boreskov, K. N. Zhavoronkova,
4 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1354-1357.

EX CB

Sci

149,146

Apr 61

Effect of Molecular Weight on the Luminescence of
High-Molecular Compounds, by V. F. Gachkovskiy,
8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1358-XXX 1360

OIG 61-27503

CB

Ni 1 May 1961

Sci

149,178

Apr 61

A Study of the Spontaneous Contraction of Polymers with a Branched Spatial Structure during Their Breakdown, by V. E. Gol', V. V. Kovriga, A. N. Kamenakiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1960, pp 1364-1367.

CB

Sci

149,171

Apr 61

The Rate of Electron Exchange Reactions in Solutions,
by R. R. Dogonadze, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6,
1960, pp 1363-1370

CB

Sci

Apr 61

Emission of Chemically Active Particles During
the Oxidation of Aluminum, by M. Ya. Gen, Yu.
I. Petrov, 4 pp.

RUSSIAN, per, Dok Ais Nauk SSSR, Vol # CXIII,
No 6, 1960, ~~xx~~

CB

Sci

149/173

Apr 61

The Detonation of Nitromethane Close to the Limit, by A. N. Dremin, G. A. Adadurov, O. K. Rozanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1372-1374.

2

OB

Sci

Apr 61

149,172

The Mechanism by Which Modifying Admixtures Influence the Selectivity of Zinc Oxide for the Dehydrogenation and the Dehydration of Isopropyl Alcohol, G. M. Zhabrova, V. I. Vladimirova, O. M. Vinogradova, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIII,
No 6, 1960, pp 1375-1378.

CB

Sci.

149,174

Apr 61

S-620/60

(NY 4848)

Dipole Movements of Some Halopolynitroalkanes, by
A. N. Shidlovskaya, Ya. K. Sirkin, S. S. Novkov,
A. A. Faynzil'berg, V. V. Sevost'yanova, V. I.
Gulevskaya,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 6,
21 June 1960, pp 1376, 1377.

*JPRS

Sci - Phys

30 Aug 60

Capillary Rise of a Liquid in Porous Media and
Capillary Hysteresis, by D. N. Nekrasov, M. M. Kusakov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 6,
1960, pp 1379-1380.

CB

Sci

Apr 61

Effect of β -Radiation of S^{35} on Isotopic Exchange of Oxygen in the System $Na_2SO_4 - O_2^{18}$, By
Vikt. I. Spitsyn, V. G. Finikov, ЖХ 4
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1301-1303.

CB

Sci
Apr 61

149, 167

The Mobility of Modifying Additives in Silver,
by Yu. N. Stepanov, L. Ya. Margolis, S. Z.
Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXXIII,
No 6, 1960, pp 1384-1387.

GB

Sci

Apr 61

149,169

The Thermodynamic Properties of Chlorinated Silanes,
by M. I. Shakhparonov, S. L. Lel'chuk, K. M. Korchem-
skaya, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 6,
1960, pp 1388-.

CB

Sci

SUB 63-13723

Apr 61

Terrigenous - Mineralogical Provinces of the Devonian
Chusovaya Deposits in the South Urals, by Yu. R.
Bekker, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, no 6,
1960, pp 1391-1394.

AGI

Sci

Aug 61

163, 863

A Geological Interpretation of the Magnetic Anomalies
in Southern Central Asia, by A. A. Borisov, V. M.
Rymanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 6,
1960, pp 1395-1397.

Sci

AGI

Aug 62

Seismic Investigation of the Earth's Crust in the
Region of the Fergana Intermontane Depression, by
Yu. N. Godin, V. S. Volvovsky, I. S. Volvovsky, 3 pp.

RUSSIAN, per, Dok-Ak-Nauk SSSR, Vol CXXXIII, No 6,
1960, pp 1398-1401.

AGT

Sci

Aug 61.

163,865

The Position of the Mama Deposits Among the
Precambrian Formations of the North Baikal and
Patom Highlands, by V. K. Golovenok, 3 pp.

RUSSIAN, per, "Ak Nauk SSSR", Vol CXXXIII, No 6,
1960, pp 1402-1404.

AGI

Sci

Aug 61

163, 864

On the Kauterivian-Barremian Conglomerates of East Crimea, by T. I. Dobrovolskaya, G. B. Salman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1960, pp 1405-1408.

AGI

Sci

Aug 61

163, 866

Lower Permian Carbonaceous Deposits of East
Ciscaucasia, by A. Ya. Dubinsky, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1960, pp 1409-1411.

AGI

Sci

Aug 61

Certain Forms of Iron Sulfide Separation in the
Section of Maikop Deposits of South Mangyshlak, by
A. V. Konchenov, A. S. Stolyarov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXIII, No 6,
1960, pp 1412-1415.

AGI

Sci

163, 867

Aug 61

New Findings of Lower Cretaceous Plants in the
Territory of the Dnieper-Donets Depression, by
I. I. Litvin, Ye. Ye. Migacheva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 6,
1960, pp 1406-1417.

AGI

Sci

Aug 61

The Problem of the Age of the Lower Levels of the
Triassic on the Mangyshlak Peninsula, by A. A.
Shevyrev, A. Ye. Shlezinger, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXAMIII, No 6,
1960, pp 1418-1421.

AGI

Sci

163, 869

Aug 61

On the Mechanism of the Movement of Soil Moisture to
the Frozen Ground Level, by A. M. Globus, S. V. Herpin,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 5,
1960, pp 1422-1424.

AGI

Sci

Aug 61

The Absolute Age of Lower Paleozoic and Late
Pre cambrian Giaconites of the European Part of the
URSS, by N. I. Polevaya, G. A. Murina, G. A. Kazakov,
3 pp. .

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 63(1960), No 6,
1960, pp 1425-1427

AGT

Sci

163, 876

Aug 61

The Influence of Sodium and Calcium Ions on the
Migration of Boron in Underground Brines, by O. Ya.
Samoilov, D. S. Sckolov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 6,
1960, pp 1428-1431

AGI

Sci

163, 878

Aug 61

On the Behavior of the Tube Nucleus in Plants
with the Binuclear and Trinuclear Type of Pol-
len Grains, by T. F. Polyakova, S. F. Podstavek,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1433-1436.

AIRS

Sci

Apr 61

149,120

The Cytochemistry of Free Purine Nucleotides in
Liver Cells, by G. I. Roskin, L. D. Balicheva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1437-1440.

AIRS

Sci

Apr 61

149,004

On the Question of Postembryonic Multiplication
of Muscle Fibers, by K. S. Ibyntsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1441-1443.

AIBS

Sci

149,231

Apr 61

Distribution of Microorganisms in Bottom
Deposits of Waters, by A. G. Rodina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
N No 6, 1960, pp 1444-1447.

AIBS

Sci

149,234

Apr 61

Accumulation of U- 235 by Nitrogen Fixing
Microorganisms of the Black Sea, by L. P.
Feshenin, 3 pp.

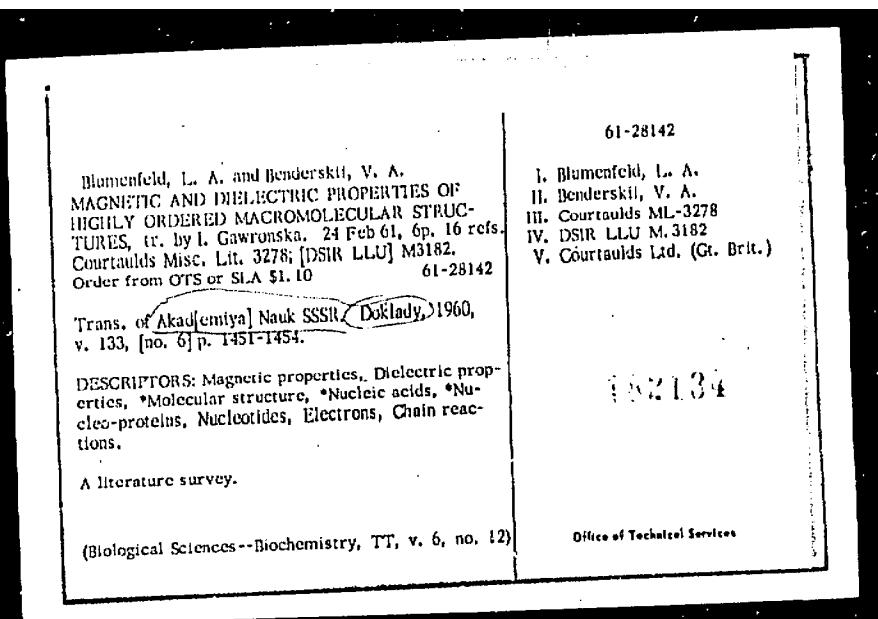
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1448-1450.

AIRS

Sci

149,229

Apr 61



Dok Ak Nauk SSSR, Vol CXXXIII, No 6, 1960, p 1455..

AIP
Sov Phys -Dok
Vol V, No 4

P105

Effect of Aeration on Reduction of Methemoglobin by
Ascorbic Acid, by A. A. Gurevich, N. A. Golosova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 6,
1960, pp 1458-1461.

AIBS

Sci

153,578

Apr 61

Hydrogen Donors and Acceptors in Oxidation-Reduction
Reactions Involving the Participation of Riboflavin,
by P. A. Kolesnikov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 6,
1960, pp 1462-1464.

AIBS

Sci

Apr 61

The Question of the Origin of the Six-Grooved Type of
Pollen of the Mints, by I. A. Borzova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 6,
1960, pp 1465-1467.

AIBS

Sci

Apr 61

ATS-36N56R

ATS/RJ-2824

Competition for Nutrient Substances and Seed Re-generation in the Grass Mixtures in the Taiga Zone, I. V. Karmanova, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1468-1471.

AIBS

Sci

149,109

Apr 61

P
Chlorophyllide in Lighted Green Leaves, by A.
A. Shlyk, V. L. Zaitsev, G. M. Podchufarova, 3 pp.

RUSSJAS, per, Dok Ak Nauk SSSR, Vol CXIXIII,
No 6, 1960, pp 1472-1475.

AIDS

Sci

Apr 61

149,117

Development of the Parasphenoid in the
Caudate Amphibia, by N. S. Lebedkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1476-1479.

AIRS

Sci

Apr 61

149,007

Stability of Water -- Petroleum Contact in
Laminar Porous Media, by V. G. Ogandzhanyants,
I. I. Egorova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 59-61.

AIP
Sov Phys - Dok
Vol V, No 5
EIA 67-44-19
Sci 152, 494
Apr 61

Supercritical Defromation of Compressed Cylindrical Shells, by A. V. Pogorelov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 1, 1960, pp 62-.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

Apr 61

Real Part of the Elastic Scattering Amplitude
at High Energies, by V. S. Barashenkov, Hsien
Ting-ch'eng, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 65-67.

AIP
Sov Phys - Dok
Vol V, No 5

Apr 61

152, 499

Sci

Fine Structure of X-Ray K-Spectral Absorption and
the Hall Effect in Vanadium Silicides, by E. E.
Vainshtein, E. A. Zhurakovskiy, V. S. Neshpor,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 68-70.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

152,500

Apr 61

Photoelectron Emission With Thick Layers of
Pinacyanol and Pinakryptol, by F. I. Vilesov,
A. N. Terenin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 1, 1960, pp 71-73.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

152, 501

Apr 61

New Type of Oscillations of the Ultrasonic Absorption Coefficient in Metals in a Magnetic Field, by A. A. Galkin, E. A. Kaner, A. P. Korolyuk, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 1, 1960, pp 74-76.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

Apr 61

Negative Photodielectric Effect, by Ya. A.
Oksman, A. V. Burlikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1,
1960, pp 77-.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

Apr 61

152, 502

Decrease of the Resistance of Steels in Contact
With Molten Metals as a Result of Adsorption,
by G. F. Kosogov, V. I. Likhtman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, pp 81-. 1960

AIP
Sov Phys - Dok
Vol V, No 5

Sci

152, 516

Apr 61

61-12491-134

DOKLADY OF THE ACADEMY OF SCIENCES OF
THE USSR, EARTH SCIENCES SECTION, 1960,
VOL. 134, NOS. 1-6. Sep 61, 1v.
Order from AGI \$8.00, \$45.00/year

Trans. of Akademii Nauk SSSR. *Doklady*, 1960,
v. 134, no. 1, p. 85-[87] 153-[178]; no. 2, p. 341-[344]
404-[438]; no. 3, p. 578-[581] 647-[693]; no. 4,
p. 806-[815] 895-[934] 939-[941]; no. 5, p. 1065-[1076]
1158-[1195]; no. 6, p. 1339-[1346] 1410-[1435].

DESCRIPTORS: Earth, *Geochemistry, *Geology,
*Geophysics, *Hydrology, *Stratigraphy, *Mineralogy,
*Paleoecology, *Permafrost, *Petrology.

(Earth Sciences, TT, v. 9, no. 6)

Office of Technical Services

Thin Oxide Films on Titanium, Zirconium, Molybdenum,
and Titanium Alloys, by V. V. Andreyeva, E. A.
Alekseyeva, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 106-109.

CB

Sci

May 61

152, 978

The Effects of Specific Gaseous Treatment on
the Catalytic and Magnetic Properties of
Chromic Oxide, by A. A. Balandin, I. D.
Rozhdestvenskaya, A. A. Slinkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 1950,
Vol CXXXIV, No 1, 1950, pp 110-113.

Sci

May 61

CB
ATS - 381478 R
ATS/RJ-3021
152, 979

The Nature of the Mosaic Structure of Germanium and
Silicon Single Crystals, by O. V. Bogorodskiy,
Ya. S. Umankiy, S. Sh. Shil'shtein, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 114-116.

CB

Sci

May 61

152,980

Characteristics of the Mechanism Limiting
Molecular Chains During Polymerization With
Complex Catalysts, by S. E. Eresler, M. I.
Mosevitakiy, I. Ya. Poddubnyy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 117-120.

CB

Sci

152, 981

May 61

The Effects of the Semiconductor Properties of
Oxide Films and the Electrochemical Behavior of
Metals in Electrolytes Under the Action of
Ultraviolet Light, by A. V. Byalobzheskiy, V. D.
Val'kov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 121-124.

CB

Sci

152,982

May 61

(NY-5341)

An Investigation of Compression Waves Formed
During the Burning of Gaseous Mixtures, by
S. M. Kogarko, S. S. Novikov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1950, pp 125-127.

JPRS 7335

CB

Sol - Chem

Jan 61

136,544

The Problem of Hydrogen Overpotential on
Platinum, by Ya. M. Kolotyrkin, A. N.
Chernodanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 128-131.

CB

Sci

May 61

152, 983

The Temperature Dependence of the Surface Tension
of Germanium, by V. B. Lazarev, P. P. Pugachevich,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 132-133.

CB

Sci

May 61

152, 984

Radiation-Induced Thermoluminescence of Organic Compounds, by V. G. Nikol'skiy, N. Ya. Buben,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 134-136.

CB

Sci

May 61

152, 985

Stationary Combustion in Solids, by B. I.
Plyukhin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 137-140.

CB

Sci

152, 986

May 61

The Adsorption of Iodide Ions on Platinum and
Its Effect on the Ionization of Hydrogen, by
L. T. Shanina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp-141-144.

CC

Sci

152, 957

May 61

^{b7}
Detection of Hydrogen Atoms in Reactions Involving
the Phototransfer of an Electron, by E. M. Shol'man,
N. N. Bubnov, N. V. Fok, 4 pp.

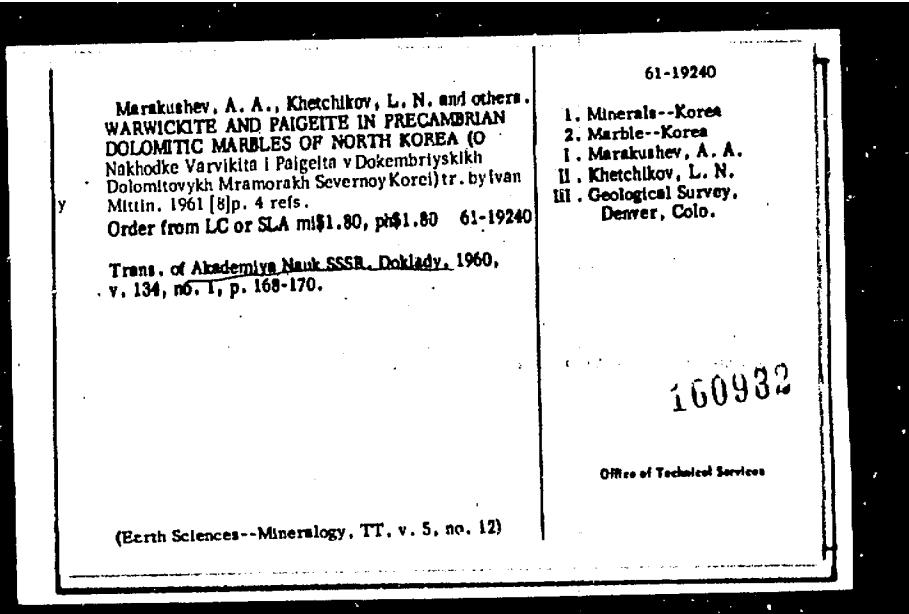
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 1, 1960, pp 145-148.

CB

Sci

152,988

May 61



In Vivo Observations on the Intercurrent Synapses, by
N. F. Grigor'yeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 69(1960), No 3,
1960, pp 179-202.

ALB5

Sci

Aug 61

163,625

The Histochemistry of the Glycogen in the Skeletal Musculature of White Mice and its Alterations in Association With Physical Exertion, by K. S. Zabynko, pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 1, 1960, pp 183-186.

AIES

SCI

Aug 61

163,626

Normal and Pathological Spontaneous Chromosomal
Mutation, by G. G. Tinyakov, Yu. G. Tinyakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 1,
1960, pp 187-190.

AIBS

Sci

Jul 7 61

162457