

The Food of Pacific Salmon in the Northwestern  
Pacific Ocean, by L. D. Andryevskaya, 15 pp.

RUSSIAN, bk, Materialy po Biologii Morskogo  
Perioda Zhizni Dalnevostochnykh Lososai, 1957,  
pp 64-75.

Dept of Interior  
Canada Fisheries Res Bd  
Ottawa, O273, No 182  
BLA 59-15953

Sci - Biol

102,364

Nov 59

On the Plankton of the Northwestern Part of the Pacific Ocean, by B. M. Mednikov, 13 pp.

RUSSIAN, monograph, Materialy po Biologii Morskovo Perioda Zhizni Dalnevostochnykh Lososy, Moscow, 1958, pp 76-85.

SIA 59-15964

*Med. of Pacific*

*Ch. 5, 1, 3-4*

*No 153*

*103,525*

Sci  
Dec 59  
Vol 2, No 5

Artillery Materiel, Ammunition and Instruments, by  
D. D. Voronovskiy, 17 pp. (II) 2094228)

EX

RUSSIAN, ~~xxx~~, Material'naya Chast' Artillerii,  
Boyspriyas i Pribery, 1958, pp 112, 114, 116,  
125, 162, 202, 325-327.

ACSI, H-2951

USSR

M11

Feb 59

81,596

Long Range Rockets, by D. D. Voronovskiy, ~~601~~,  
~~Eng.~~, 3 pp.

RUSSIAN, bk, Material 'naya chast' artillerii,  
boysprapasy i prapory, 1958, p 120-123.

AF 1255764

USSR  
MLL  
Aug 59

93,480

(DC-3171).

Artillery Material, by D. D. Voronovskiy, 20 pp.

RUSSIAN, bk, Material'naya Chast' Artillerii,  
Boyezripasny i Pribory, 1958, pp 157-166; 180-183;  
208-212.

JPRS-1042-D

USSR  
MII  
Dec 59

102,490

Small Arms Materiel, Book I, 15 pp. UNCLASSIFIED

RUSSIAN, bk, Materialnaya Chast' Strelkovovo  
Oruzhiya, pp 117-139.

525th MIS Ex 405

USSR  
Military - Small arms

Jan 54 CTS

9348

(NY-2849).

Influences From the Splanchnic Nerve on the  
Secretory Functions of Adrenal Glands in New-  
born Animals, by O. A. Mikhaleva, 7 pp.

RUSSIAN, ~~per~~, Materialy po Evolyutsionnoy Fiz,  
No 1, 1956, pp 213-218.

JPRS-I-900-N

Sci - Med  
Sep 59

97 711

(NY-2549).

Vasomotor Influences from the Cephalic Portion  
of the Vago sympathetic Trunk Severed in the  
Neck Region in Newborn Animals (Puppies), by  
O. A. Mikhaleva, 15 pp.

RUSSIAN, <sup>L.R.</sup> ~~per~~, Materialy po Evolyutsionnoy Fiz,  
No 1, 1956, pp 219-230.

JPRS-L-981-II

Sci - Med  
Sep 59

97 712



(NY-2849).

Mechanisms Producing Inhibitory Influences on the  
Cardio-Vascular Activity in Animals (Puppies)  
During Their Ontogenetic Development, by O. A.  
Mikhaleva, 11 pp.

RUSSIAN, paper, Materialy po Evolyutsionnoy Fiz,  
No 1, 1956, pp 245-252.

JPRS-L-982- N

Sci - Med  
Sep 59

97 713

(NY-2849).

Role of the Cerebellum in the Development of the  
Functions of Skeletal Muscles in Ontogenesis, by  
A. T. Khudorozheva, 23 pp.

RUSSIAN, <sup>1st</sup> ~~part~~ Materialy po Evolyutsionnoy Fiz, No 1,  
1956, pp 333-348.

JPRS-L-983-E

USSR  
Sci - Med  
Sep 59

97,710

S-5300

(NY-2850).

Some Mechanisms of Physiologico-Morphological  
Evolution of the Higher Divisions of the Central  
Nervous System in Vertebrates, by A. I. Karakyan,  
22 pp.

RUSSIAN, bk, Materialy po Evolyutsionnoy Fiz, No 2,  
1957, pp 86-101.

JPRS-L-989-N

98, 537

Sci - Med.

Oct 59

S-9300

(NY-28501.

Ontogenetic Changes in the Reflex Regulation of  
Renal Function, by K. A. Nikolienko, 15 pp.

RUSSIAN, bk, Materialy po Evolyutsionnoy Fiz,  
No 2, 1957, pp 151-159.

JPRS-L-990-R

Sci - Med  
Oct 59

98,535

S-5300

(NY-2850).

Reaction to Water Excess and Water Deficiency in  
in the Early Postnatal Period, by V. I. Inchina,  
20 pp.

RUSSIAN, bk. Materialy po Evolyutsionnoy Fiz,  
No 2, 1957, pp 160-171.

JPRS-L-991-N

Sci - Med  
Oct 59

98,536

S-5300

(NY-2850).

Effect of Diuretics in the Early Postnatal Period,  
by O. A. Morina, 14 pp.

RUSSIAN, bk. Materialy po Evolyutsionnoy Fiziologii,  
No 2, 1957, pp 172-180.

JPRS-L-992-N

Sci - Med  
Oct 59

98,533

S-5300

(NY-2850).

Methods of Fixing Speech Habits Developed in  
Deaf-Blind Children Practically Deprived of Hearing,  
by B. E. Shalvakhman, 17 pp.

RUSSIAN, bk, Materialy po Evolyutsionnoy Fiz, No 2,  
1957, pp 186-195.

JPRS-L-993-N

Sci - Med  
Oct 59

98,534

(S-1952)

A Comparative Evaluation of the Activity of  
Analysors in Mammalian Animals, by T. G. Antonova,  
7 pp.

RUSSIAN, *Materialy po Evolyutsionnoy Fiziologii*,  
Vol. IV, 1952, pp 77-82.

JPRS 10301

174,037

Sci. - Med



Materials on Physical Geography of the Southern Far  
East Territory, 2 pp.

RUSSIAN, bk, Materialy po Fizicheskoy Geografii Yuga  
Dal'nego Vostoka, 1958, 299 pp.

USACRAC PD  
~~XXXXXXXX~~  
APO 323

FE - Primorskiy Kray  
Geo  
Oct 59

THE PRIKHANKAYSKAYA PLAIN AND THE ADJOINING REGIONS  
OF PRIMORSKIY KRAY, BY B. P. KOLESNIKOV, G. D.  
RIKHTER, V. V. NIKOL'SKAYA, 105 PP.

RUSSIAN, *Ab.* MATERIALY PO FIZ GEOGRAFI I YUGA  
DAL'NEGO VOSTOKA, 1958, PP 179-268, CALL NO. GB239  
P99 U58. *Eng. Trans.*

ARMY MAP SERVICE

USSR  
GEO  
13 AUG 62

206,255

Natural Resources of the Soviet Union,  
their Study and Utilization, by I.  
P. Gerasimov, D. L. Arund, V. S.  
Preobrazhenski, 13 pp.  
RUSSIAN, memo. Materialy k IV S'ezdu  
Geogr. i Kichestvennoye Otschisleniya 1954,  
Leningrad, No 4, 1954.  
AGS in Soviet Geography: Review  
and Translation, V. 5, no. 1, pp 3-15.

336,245

Sci  
Aug 67

**Study and Classification of Agricultural  
Lands, by K. V. Everykin, 9 pp.**  
**RUSSIAN, memo. Materialy k IV S'ezna Geogra-  
ficheskogo Sostoyaniya SSSR, [analog],  
No 4, 1964,  
AGS in Soviet Geography: Review  
and Translation, v. 5, no 8, pp 15-23.**

336,248

Sci  
Aug 67

Regularities in the Distribution of Mineral  
Deposits of Magmatic Origin on the Territory  
of Mongolia, by N. A. AMARINOV, 26 pp.  
RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, Moscow, 1963.  
JPRS 25187

Sci K- Ear Sci  
Jul 1964,

262,659

R-212/64

Geographical Distribution of Magma Deposits  
Throughout Mongolia, (DC-10545)

RUSSIAN, bk, Materialy po Geologii Mongolskoy  
Narodnoy Republiki, 1963, pp 3-4, 149-170, &  
287-288.

\*JPRS

Sci - Earth Sci  
May 64

62-15741

Smolyaninova, N. N. and Moleva, V. A.  
BAVENITE IN THE SKARNS OF THE BATYSTAU  
DEPOSIT (Nakhodka kivenita v Skarnakh Mestorozh-  
deniya Batystau) tr. by W. John Ciesiewicz. Nov 61  
[8]p. 10 refs.  
Order from OTS or SLA \$1.10      62-15741

Trans. of mono. Materialy po Geologii Rudnykh  
Mestorozhdeniy Bavenit. Mineralogi i Geokhimi.  
AN SSSR, 1959, p. 275-278.

DESCRIPTORS: \*Minerals, Ores (Non-metallic),  
\*Economic geology, Physical properties, Chemical  
properties.

(Earth Sciences--Mineralogy. TT. v. 10, no. 8)

- I. Title: Bavenite
- I. Smolyaninova, N. N.
- II. Moleva, V. A.
- III. Geological Survey.  
Denver, Colo.

Office of Technical Services

Serebrennikov, V. S.  
SEASONAL CHANGES IN THE URANIUM CONTENT  
IN UNDERGROUND WATERS. [1961] 5p. (3 illus.  
2 tables omitted).  
Order from OTS or SLA \$1.10                      61-23961

Trans. from mono. [Materialy po Geologii Rudnykh  
Mezozozhdenii, Petrografi, Mineralogii i Geokhimii]  
(Materials on the Geology Of Ore Deposits, Petrography,  
Mineralogy and Geochemistry) [Moscow, 1959, 424p.].

DESCRIPTORS: Climatic factors, \*Precipitation,  
\*Hydrology, Water, Chemical analysis, Ores, \*Ura-  
nium, Sources, Rock, Mountains, Mining engineering,  
Geochemistry, Minerals.

Earth Sciences--Geology, TT, v. 7, no. 6)

61-23961

- I. Serebrennikov, V. S.
- II. Title: Materials...
- III. Geological Survey of Canada

201487

Office of Technical Services



61-23969

Bugelskii, Yu.  
THE USE OF HYDROGEOCHEMICAL METHODS IN  
PROSPECTING FOR BERYLLIUM. [1961] 6p.

(2 tables omitted).

Order from OTS or SLA \$1.10

61-23969

I. Bugelskii, Yu.  
II.. Title: Materials. . .  
III. Geological Survey of  
Canada

Trans. from mono. [Materialy po Geologii Rudnykh  
Mestorozhdenii, Petrografii, Mineralogii i Geokhimii]  
(Materials on the Geology of Ore Deposits, Petrogra-  
phy, Mineralogy and Geochemistry) [Moscow, 1959,  
424p.].

DESCRIPTORS: \*Beryllium, Geophysical prospecting,  
Geochemistry, Minerals, Ores, Deposits, Fluorspar,  
Hydrology.

Because of the close paragenesis of the beryllium  
minerals with fluorite minerals it can be assumed that  
(Earth Sciences--Geology, TT, v. 7, no. 7) (ovnr)

Office of Technical Services

Kalita, E. D.  
THE PROBLEM OF THE DISPERSION-AUREOLES  
OF LITHIUM, RUBIDIUM AND BERYLLIUM. [1961]  
7p. (3 figs. 1 table omitted).  
Order from OTS or SLA \$1.10      61-23970

Trans. from memo. [Materialy po Geologii Rudnykh  
Mestrozhdenni, Petrografi i Mineralogii i Geokhimii]  
(Materials on the Geology of Ore Deposits, Petrogra-  
phy, Mineralogy and Geochemistry) [Moscow, 1959,  
424p.].

DESCRIPTORS: \*Lithium, \*Rubidium, \*Beryllium.  
Rock, Rare earth elements, Geophysical prospecting,  
Geochemistry, Ores, Deposits, Minerals, Pegmatites.

Near the lithium, cesium pegmatite the host rocks are  
enriched with lithium and rubidium by the formation  
(Earth Sciences - Geology, TT, v. 7, no. 7) (over)

61-23970

I. Kalita, E. D.  
II. Title: Materials . . .  
III. Geological Survey of  
Canada

Office of Technical Services

61-23971

Vinogradov, V. I.  
PROBLEMS OF THE HYDROCHEMISTRY OF  
MOLYBDENUM. [1961] 26p. (2 illus. 3 tables  
omitted).

Order from OTS or SLA \$2.60      61-23971.

Trans. from mono. [Materialy po Geologii Rudnykh  
Mestorozhdenii, Petrografii, Mineralogii i Geokhimii]  
(Materials on the Geology of Ore Deposits, Petrogra-  
phy, Mineralogy, and Geochemistry) [Moscow, 1959,  
424p.].

DESCRIPTORS: \*Molybdenum, Precipitation,  
Minerals, Water, Chemical analysis, Sulfides,  
Oxidation, Oxygen, Penetration, Deposits, Ores,  
Minerals, Geochemistry, Geophysical prospecting,  
Hydrology.

Molybdenum migrated intensely in the supergenesis  
(Earth Sciences--Geology, TT, v. 7, no. 7) (over)

I. Vinogradov, V. I.  
II. Title: Materials. ...  
III. Geological Survey of  
Canada

Office of Technical Services

61-23972

Bogdanova, V. I.  
CHROMATOGRAPHIC SEPARATION OF TITANIUM  
FROM NIOBIUM AND TANTALUM AND THEIR  
DIVISION. [1961] 12p. (3 illus. 7 tables omitted).  
Order from OTS or SLA \$1.60      61-23972

- I. Bogdanova, V. I.
- II. Title: Materials. . .
- III. Geological Survey of  
Canada

Trans. from mono. [Materialy po Geologii Rudnykh  
Mestorozhdeniy, Petrografii, Mineralogii i Geo  
Geokhimi] (Materials on the Geology of Ore Deposits,  
Petrography, Mineralogy and Geochemistry) [Moscow,  
1959, 424p.].

DESCRIPTORS: \*Titanium, \*Niobium, \*Tantalum,  
Chemical properties, Separation, \*Chromatographic  
analysis, Cellulose, Organic solvents.

(Chemistry--Analytical, TT, v. 7, no. 7)

Office of Technical Services

Bugelskii, Yu. Yu.  
THE MIGRATION OF ORE-COMPONENTS IN THE  
UNDERGROUND WATERS OF THE COMPOUND  
METAL DEPOSITS IN THE EASTERN TRANS-  
BAIKAL REGION. [1961] 11p. (2 figs. 2 tables  
omitted).

Order from OTS or SLA \$1.60                      61-23963

Trans. from mono. [Materialy po Geologii Rudnykh  
Mestorozhdenii, Petrografii, Mineralogii i Geokhimii]  
(Materials on the Geology of Ore Deposits, Petrogra-  
phy, Mineralogy and Geochemistry) [Moscow, 1959,  
424p.].

DESCRIPTORS: \*Ores, \*Hydrology, Water, Metals,  
Deposits, Precipitation, Permafrost, Geochemistry,  
Geophysical prospecting, Minerals, Rock, Mining  
engineering, Chemical analysis.

(Earth Sciences--Geology, TT, v. 7, no. 7)

61-23963

- I. Bugelskii, Yu. Yu.
- II. Title: Materials . . .
- III. Geological Survey of  
Canada

Office of Technical Services

61-23962

Ukanov, K. M.  
SEVERAL PECULIARITIES IN THE FORMATION OF  
THE PRIMARY AUREOLES OF THE DISPERSION  
OF ORE DEPOSITS. [1961] 11p. (1 table omitted).  
Order from OTS or SLA \$1.60      61-23962

- I. Ukanov, K. M.
- II. Title: Materials . . .
- III. Geological Survey of  
Canada

Trans. from mono. [Materialy po Geologii Rudnykh  
Mestorozhdenii, Petrografii, Mineralologii i  
Geokhimii] (Materials on the Geology of Ore Deposits,  
Petrography, Mineralogy and Geochemistry) [Moscow,  
1959, 424p.]

DESCRIPTORS: \*Ores, Deposits, Geochemistry,  
Rock, Geophysical prospecting, Minerals, Trans-  
formations, Heavy elements, Separation, Rare earth  
elements, Porosity, \*Diffusion, Density.

(Earth Sciences--Geology, TT, v. 7, no. 7)

Office of Technical Services

63-19586

Chetverikova, N. P.  
THE ORDOVICIAN AND SILURIAN DEPOSITS OF THE  
WESTERN PART OF CENTRAL KAZAKHSTAN, PT. I  
(Ordovikskie i Siluriskie Otlozheniya Zapadnoi Chasti  
Tsentral'nogo Kazakhstana) tr. by Ivan Mittin. 1962.  
42p. Geological Survey no. 97 (1-2).  
Order from OTS or SLA \$4.60      63-19586

I. Title: Kazakhstan  
I. Chetverikova, N. P.  
II. GS-97(1-2)  
III. Geological Survey,  
Deno, U.S.S.R.

Trans. of Materialy po Geologii Tsentral'nogo  
Kazakhstana (USSR) 1960, v. 1, p. 9-26.

DESCRIPTORS: \*Stratigraphy, Geological age  
determination, Sedimentary rock, Igneous rock,  
Paleontology, Structural geology, Geology.

Contents:

Introduction  
History of the study of the lower paleozoic deposits  
Brief information on the geological structure and  
stratigraphy of the pre-ordovician rocks.  
(Earth Sciences--Geology, TT, v. 10, no. 6)

Office of Technical Services

Materials on the Hydrography of Seas and Rivers of the  
Soviet Arctic, Vol I: Review of Astrogeodetic  
Operations of the Hydraphical Administration of the  
Main Northern Sea Route for 1935, by V. I. Vorob'yev.

RUSSIAN, bk, Materialy po Gidrografii Morey i Rek  
SSSovetskoy Arktiki, 1937.

ACIC - L.D. - 2

62-15538 / 80, 810

Sci - Geography

Jan 62



The Hesperian Lemming, (Its Ecology and Role  
in the Nature Complex of the Lapland Reserve);  
by A. Naumovitch.

RUSSIAN, per, Materialy no Gyznanu,  
no 3, 1948, pp 203-262.

NLL/RTS 1811

Set - Bibl  
Apr 62

193,823

CRREL 20-T-66/b

R-7194-D  
27 June 666

Experience in the planning, construction, and use of  
earth dams at Noril'sk'

By: G. A. Borisov and G. IA. Shamskura

From: Materialy po inzhenernomu merzlotovedeniyu, by  
Inst. Merzlotovedeniia, Akad. Nauk SSSR Moscow, 1959  
pp 110-119 ( 10 pp)

Russian - est for wds:

Translate and type 1 camera ready copy. 1 copy may be  
cut, and return 1 copy to JPRS.



Description of Experiments on the Study of Production  
of  $TiCl_4$  From  $TiC$ , by S. I. Oreshkin, 9 pp.

RUSSIAN, Materialy dlia Izucheniia Estestvennykh  
Proizvoditel'nykh Sil SSSR, No 56, 1926, pp 14-20.

Sci Tr Center RT-1296

Scientific - Chemistry

16,372

Aug 54 CTS

Report of Titanium Commission on the Results of  
Tests on Manufacture of  $TiCl_4$ , by K. F. Bologanov,  
pp.

RUSSIAN, Materialy dlia Issuchenia Estestvennykh  
Proisvoditel'nykh Sil SSSR, No 56, 1926, pp 20-23.

Sci Tr Center RT-1289

Scientific - Chemistry

Aug 54 CTS

16,370

Report of the Titanium Committee on the Results  
of Ilmenite Chlorination, by Yu. F. Kriger, 10 pp.

RUSSIAN, Materialy dlia Izucheniia Estestvennykh  
Proizvoditel'nykh Sil SSSR, No 56, 1926, pp 23-33.

AEC Tr 704 EEL  
also Sci Trans Center RT-1293

Scientific - Chemistry  
CIS/DEK

16,390

Technical Report on Experimental Chlorinations of  
Titanium Carbide, by M. Maksimenko, A. Eliseev,  
pp.

RUSSIAN, Materialy dlia Izucheniia Estestvennykh i  
Troikovoditel'nykh SSSR, No 56, 1926, pp 43-47.

Sci Tr Center RT-1295

Scientific - Chemistry

Aug 54 CTS

16,371

Review of the Methods of  $TiCl_3$  Production, by  
V. S. Syrokoznskiy, 3 pp.

RUSSIAN, Materialy dlia Izucheniia Estestvennykh  
Proizvoditel'nykh Sil SSSR, No 56, 1926, pp 47-49.

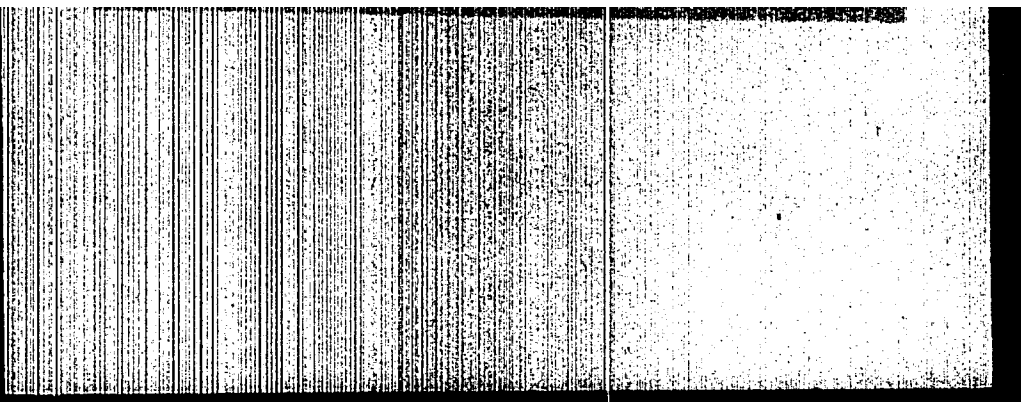
Sci Tr Center RT-1297

Scientific + Chemistry

16,373

AUG 54 CTS





Studies on Flora and Vegetation of High Mountain  
Areas, by V. N. Sukachev.

RUSSIAN, bk, Materialy po Iz Flory i Rastitel'nosti  
Vysokogorii Vses Botan Obshchesvo Probl Botan, No 5,  
1960, 275 pp.

\*PL-480

USDA

OTS 04-1157?

Sci -  
Jun 63

Materials on the Study of Flora and Vegetation of  
the Ural, 193 pp.  
RUSSIAN, bk, Materialy po Izucheniyu Flora i  
Rastitelnosti Urala 1, 1962, pp 1-130. 9692305  
FTD-TT-63-665

Sci - Biol & Med Sci  
May 64

257,652

(SF-21654)

Data Concerning the Study of the Effect of  
the Liver on Circulatory Processes, by  
V. D. Kiknadso, 11 pp.

RUSSIAN, bk, Materialy K Issledeniyu  
Iliyaniya Pecheni Na Pretsessy Krovetvorennya,  
1960, pp 11, 12, 23, 24, 27-29, 33-36, 42, 43,  
60-67.

JFIS 12910

187, 987

Sci - Med

Improvements in Forest Growth on Peat-Bog  
Soils of the USSR Forest Zone and Tundra,  
by N. I. P'yavchenko.

RUSSIAN, bk, Materialy po izucheniyu Leso-  
rastitel'nykh Usloviy na Torfyano-Boлотnykh  
Pochvakh Lesnoi Zony i v Tundre, Moscow,  
1957.

DEPT:AFAG:33034

CFSI TT 6550054

Sci - Agri

Jun 66

302,330

Skornyakov, P. I. and Tupitsyn, N. V.  
A GEOMORPHIC SKETCH OF THE OKHOTSK-KOLYMA  
AREA, PT. I [SELECTED PARTS] (Geomorfologicheskii  
Ocherk Okhotsko-Kolym'skogo Kraia) tr. by Lawrence  
Ecker. 18 Feb 45 [65p] (figs. omitted).  
Order from OTS or SLA \$6.00      62-25061

Partial trans. of Materialy po izucheniiyu Okhotsko-  
Kolym'skogo Kraia. Seriya I: [Geologiya i Geomorfolo-  
giya] (USSR) 1936, no. 10.

DESCRIPTORS: \*Terrain, Maps, Mountains, \*Hydrology,  
\*Communication systems, \*Erosion, \*Permafrost,  
\*Glaciers, Deposits, Minerals, Geography,  
Geology, Transportation.

(Earth Sciences - Geology, TT. v. 10, no. 1)

62-25061

- I. Title: Okhotsk-Kolyma area
- I. Skornyakov, P. I.
- II. Tupitsyn, N. V.

Office of Technical Services

Data on the Reactions of the Human Central Nervous  
System to Ionizing Radiations, by Yu. G. Grigor'yev,

RUSSIAN, bk, Materialy k Izucheniyu Reaktcii  
Tsentral'noi Nervnoi Sistemy Cheloveka na  
Ioniziruyushchee Izluchenie, 1958, 133 pp.

ABC Tr-4284

Sci - Med  
Aug 62

211, #39

Causes of the Formation of Air Holes Beneath the  
Crust in Cast Iron and their Influence on the  
Quality of Enamel, by I.N. Yukalov.  
RUSSIAN, per, Materialy v Khim. Mashinostroenii,  
Sbornik Stat'ei, No. 88, 1957, in 27-28.  
INSIDOC/Ref. T. 4583. PP. 3

Sci -  
July 1957



New Carboniferous Acanthocladids of the  
Gzhelian Stage From the Moscow Basin, by H. A.  
Shishova.

RUSSIAN] per, Materialy Kloenovam Paleontologii,  
Vol I, p 22-23.

Dept of Interior  
QE3 E57 No 85

107,320

Sci - Geophys

Aug 62

The Polar Urals Along the Upper Reaches of the  
Voykara, Synya, and Lyapina Rivers, by B. N. Gorodkov

RUSSIAN, in, Materialy Komissii  
Ekspeditsionnykh Issledovaniy, Ak Nauk SSSR,  
pp 1-28.

ACIC

Sci

180,805

Feb 62

Lyapinskiy Kray, by A. N. Aleshkov.

RUSSIAN, bk, Materialy Komissii Ekspeditsionnykh  
Issledovaniy. Ak Nauk SSSR, pp 33-71.

ACIC

Sci

Feb 62

180,806

The Biology and Fishery of the Gull of  
Onega Herring, by A. A. Mikhailovskaya.

RUSSIAN, rpt, Materialy po Kompleksnomu Izucheniyu  
Balogo Morya I, 1957, pp 74-89.

NLL M 3911

Sci - Biol & Med Sci  
Mar 63

225,409

Andriyashev, A. P.

1957

Some problems of amphiboreal distributions with remarks  
on the possible origins of navaga (Eleginus) and the small-  
vertebraed herring (Clupea harengus pallasii)  
Material: po kompleksnomy izucheniu Belogo Moria. (1):  
117-125. In Russian.

Transl. by L. Penny for Systematics Lab., BCP,  
typescript. Avail. Systematics Lab., BCP, U.S. Natl.  
Museum, Wash., D.C. 20560.

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

Original Article Checked. MR

Navaga of the White Sea, by K.A. Altukhov,  
20 pp.  
RUSSIAN, per. Materialy po Kompletnomu  
Izucheniyu Belogo Morya, Vol 1, 1957,  
pp 126-139.  
NOO Trans 437-72

Apr 72

Navaga of Onezhskiy Zaliv of the White Sea,  
by A. P. Nikolayev, 22 pp.  
RUSSIAN, per. Materialy po Kompleksnomu Izuch-  
eniyu Belogo Morya, Vol 1, 1957, pp 140-154.  
NOO Trans 438-72

Apr 72

Feeding and Food Relationship Between Navaga and  
Smelt in Onezhskiy Zaliv of the White Sea,  
by M.N. Timakov, 50 pp.  
RUSSIAN, per. Materialy po Kompleksnomu Izuch-  
eniyu Belogo Morya, Vol 1, 1957, pp 185-221.  
NOO Trans 439-72

Apr 72



Eggs and Young Fishes of Onezhskiy Zaliv of the  
White Sea, by V.A. Mukhachev, 14 pp.  
RUSSIAN, per. Materialy po Kompleksnomu Izuch-  
eniyu Belogo Morya, Vol 1, 1957, pp 222-229.  
NOO Trans 440-72

Apr 72

White Sea Cod, by M.A. Sonin, 20 pp.  
RUSSIAN, per. Materialy po Kompleksnomu Izuch-  
eniyu Belogo Morya, Vol 1, 1957, pp 230-242.  
NOO Trans 441-72

Apr 72

(DC-6755)

Forecasting the Geopotential Field in the Lower  
Stratosphere, by A. S. Dubov, 13 pp.

RUSSIAN, rpt., Materialy Konferentsii Koordinat-  
siomnoy Komissii Vychislitel'nykh Metodov  
Prognoz, 1961, pp 55-62.

JPRS 13734

Sci - Geophys  
May 62

1961 945

(DC-6755)

Numerical Wind Forecast in the Free Atmosphere  
by Means of Electronic Digital Computers, by  
A. I. Romov, 25 pp.

~~RUSSIAN, rpt, Materialy Konferentsii Koordinatsionnoy Komissii Vychislitel'nykh Metodov Prognoz, 1961, pp 71-87.~~

JPRS 13734

Sci - Geophya  
May 62

196,947

New Developments Trends in Modern Physiology, by  
N. A. Bernhteyn, 9 pp.

RUSSIAN, bk, Materialy Konferentsii po fizicheskoi  
fiziologii i zdravii Issledovaniy Cheloveka, 1962.  
9690508

IND-INT-63-916

Sci - Biol & Med Sci  
Jan 64

248,655

Quantitative Methods of Investigating Human Muscular  
Activity, by Dr. H. Kotsu, 7 pp.

RUSSIAN, bk, Materialy Konferentsii po Metodam  
Fiziologicheskoi Ispytovaniy Cheloveka, 1962.

FTD-IT-63-916

248,671

Sci. & Med. Ser.  
Vol. 11

The Dependence of Flame Oscillation Limits vs.  
Temperature, by D. S. Kayumova.

RUSSIAN, bk, V sb.: Materialy 1-y Konferentsii  
Molodykh Nauchn. Pabotn. G. Kazani, Fiz Tekh. i  
Matem. Sektsiya. Kazan', 1959, pp 69-75.

\*FTD TT 62-931

Sci - Phys  
26 Jun 62

An Attempt to Typify the Baric Fields Over  
the North Atlantic in Order to Calculate Currents and  
Ice Drifts, by M. A. Valerianov.

RUSSIAN, bk, Materialy Konferentsii po Probleme  
Vzaimodeistvie Atmosfery i Gidrosfery v Severnoi  
Chasti Atlanticheskogo Okeana, Leningrad 1958.

Navy/HO Tr 42

Sci - Earth Sci & Astron  
Mar 64



Geophysical Field Studies in the Mapping  
of the Mikhailovskii District, the Kursk  
Magnetic Anomaly, by M. I. Borodulin, 3pp  
RUSSIAN, per, Materialy po Geologii i  
Poleznym Iskopaemym Tsentral'nykh  
Raionov Evropeiskoi Chasti, Vol 5, 1962,  
pp 21-24.

323,245

Sci - Earth Sciences  
Apr 67

Agency:  
S. No.

U.S. Army Cold Regions Res. Lab.  
72-F-28  
R-14327-B  
19 Jan 72

Title:

K metodike opredeleniya po identiv  
otkryvaniya i uplotneniya vernal'nykh  
granitov (Variatsiya na temu seriyi iz  
fronov ground produced by the unit  
Shusharina, S.S.

Author:

Source:

Materialy po laboratornyim issledovani-  
yam vernal'nykh granitov 1:110-130, 1973.

Language:

Russian

Doc. Instr.

Please translate & type 1 copy

Agency:	U. S. Army Cold Regions Res. Eng. Lab.
File No:	72-1-27      R-14326-B 19 Jan 72
Title:	Instruktivnye ukazaniya po issledovaniyu osobok vershnykh proutov pri ottaivani (Studying the settling of snow on on (having))
Author:	Shusherina, . . .
Source:	Materialy po laboratornyu issledovaniyu vershnykh proutov 2:134-150, 1971.
Language:	Russian
Spec. instr.:	Please translate to a copy

Measuring the Cohesive Forces Within Frozen  
Ground, by N. A. Tsytovich.

*like*  
RUSSIAN, ~~for~~, Materialy po Laboratornym Issledovaniy  
Merzlykh Gruntov, Vol II, 1954, pp 162-175.

\*Army Coal Regions  
Research & Engineering Lab  
Hanover, New Hampshire

Oct 62  
Geophysic

*avail 1954*

61-12602

Savel'yev, B. A.  
PROCEDURAL NOTES ON DETERMINATION OF  
CONTENT OF SOLID, LIQUID AND GASEOUS  
PHASES IN SALINE ICE, tr. by B. R. Hope. Sep 60,  
14p. 9 refs. Directorate of Scientific Information  
Services. T 344 R.  
Order from NRCC m\$0.50, ph\$3.00    NRCC C-3476

- 1. Ice--Phase studies
- 2. Ice--Physical properties
- I. Savel'yev, B. A.
- II. DSIS-T-344-R
- III. NRCC C-3476
- IV. Directorate of Scientific Information Services (Canada)

Trans. of Akad. Nauk SSSR, Institut Merlotovsdeniya, Materialy po Laboratornym Issledovaniyam Merzlykh Gruntov, 1954, v. 2, p. 176-192.

151475

*Library of the Department of Geology  
University of Toronto, NE*

*Dept. of Geology  
University of Toronto*

Office of Technical Services

(Earth Sciences--Proc. TT, v. 5, no. 8)

Agency:	U.S. Army Cold Regions Research Lab.
P. no.:	72-T-17
	R-14283-D (14213)
	21 Dec. 71
Title:	Uzichonkie iavlenia i protsepy v dentalvnuzhchikh gruptakh (Medical processes in "mountain" bands).
Author:	Inkshin, P. . . , Gavaev, . . . , . . .
Source:	Materialy po Laboratornoy Issledovaniyu. Korolyukh Gruntov 3:72-83, 1971.
Classification:	Secret
Spec. instr.:	Please translate - type 1 copy

Agency:

A. I. Urya Cold War ...

R-14328-8  
19 Jan 72

Title:

Investigation of the properties of ...  
...  
properties on freezing and thawing

Author:

Bytovich, N. A. ... others

Source:

Materials of Laboratory ...  
...  
... 3:2-13, 1971.

Language:

Russian

Spec. Instr.:

Please translate - type 1 only

Water Permeability of Frozen Sand, by V. D. Komarov,  
5 pp.

RUSSIAN, per, Materialy po Laboratornym Issledovaniyam  
Merzlykh Gruntov, Vol III, 1957, pp 142-148. 9662250

U.S. Army Snow Ice and Permafrost  
Research Establishment  
Corps of Engineers - Translation 66

Sci - Geophys

May 61

F7D-TT-63-104  
(9654803)

152,602



(NY-102 )

Foreword, 1 p.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu, Vol I,  
Leningrad, 1958, p 2.

\*JPRS - 2150 - N

Sci - Misc  
13 Oct 59

(NY-3108).

The Significance of Machine Translation to  
Linguistics, by M. I. Steblin-Kamenskiy, 4 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,  
Vol. I, Leningrad, 1958, pp 3-9.

JPRS-2150-N

USSR  
Sci - Misc  
Feb 60

107,882

(NY-3108).

Linguistic Problems in the Creation of a Machine  
Language for an Information Machine, by V. V.  
Ivanov, 20 pp.

RUSSIAN, bk, Materialy po Mashinnoyu Perevodu,  
Vol I, Leningrad, 1958, pp 10-30.

79  
JPRS-2150-N

USSR  
Sci - Misc  
Feb 60

107,883

(NY-3108).

Meta-Language of Machine Translation and Its  
Application, by N. D. Andreyev, 15 pp.

RUSSIAN, bk, Materialy po Mashinnomu Perevodu,  
Vol. I, Leningrad, 1958, pp 40-60.

JPRS-42150-N

Sci - Misc  
Feb 60

107,884

(NY-3108).

On the Structure of a Dictionary and the Coding of  
Information for Machine Translation, by I. L. Bratchikov,  
S. Ya. Fitalov, G. S. Tseytin, 20 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,  
Vol. I, Leningrad, 1958, pp 61-87.

JPRS-8150-II

Sci - Misc  
Feb 60

107,877

(NY-3108).

Root-Separating Program for an Indonesian Algorithm  
of Machine Translation, by N. D. Andreyev, V. P.  
Golovanov, L. I. Ivanova, A. K. Ogloblin, 8 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,  
Vol I, Leningrad, 1958, pp 88-97.

JPRS-2150-N

Sci - Misc  
Feb 60

107,878

(NY-3108).

Work on a Norwegian-Russian Algorithm of Machine  
Translation, by V. P. Berkov, M. P. Cherkasova,  
11 pp.

RUSSIAN, bk, Materialy po Mashinnoi Perevodu,  
Vol I, Leningrad, 1958, pp 98-111.

JPRS-2150-N

Sci - Misc  
Feb 60

107,879

(NY-3108).

Initial Stage of Work on an Arabic-Russian  
Algorithms of Machine Translation, by O. B.  
Frolova, V. I. Strelkova, 12 pp.

RUSSIAN, bk. Materialy po Mashinnoi Peravodu,  
Vol I, Leningrad, 1958, pp 112-125.

JPRS-2150-N

Sci - Misc  
Feb 60

107,880



(NY-3108).

Certain Problems in the Construction of a Burmese-  
Russian Algorithm of Russian Translation, by  
N. D. Andreyev, Ye. A. Zapdova, O. A. Timofeyeva,  
8 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,  
Vol I, Leningrad, 1958, pp 126-135.

JPRS-2150-II

Sci - Misc  
Feb 60

107,873

(NY-3103).

A Project of Programs for a Morphological Analysis  
of the Russian Language in Machine Translation,  
by L. N. Zaccrina, E. B. Karachen, S. N. Med'vedeva,  
G. S. Tseytin, 50 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,  
Vol I, Leningrad, 1958, pp 136-190.

JPRS-2150-II

Sci - Misc  
Feb 60

107874

(BY-3108).

Work on an Hindustani(Hindi) Russian Algorithm  
of Machine Translation, by T. Yu. Katenina, 5 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,  
Vol. I, Leningrad, 1958, pp 191-198.

JPRS-2150-B

Sci - Misc  
Feb 60

107,875

(NY-3108).

Elements of Independent Analysis in the Vietnamese-  
Russian Algorithms of Machine Translation, by  
N. D. Andrayev, D. A. Batova, V. S. Penfilov,  
V. M. Petrova, 7 pp.

RUSSIAN, bk, Materialy po Mashinnoy Peravodu,  
Vol I, Leningrad, 1958, pp 199-208.

JPRS-2150-N

Sci - Misc  
Feb 60

107876

(NY-3108).

Machine Translation From Japanese Into Russian, by  
A. A. Babintsev, Yu. P. Semanichchev, 5 pp.

RUSSIAN, bk. Materialy po Mashinomu Perevodu,  
Vol I, Leningrad, 1958, pp 209-215.

JPRS-2150-N

Sci - Misc  
Feb 60

107,869

(NY-3108).

First Stage of an Independent Analysis of the  
Structure of the Simple Clause in English, by  
E. M. Leykina, 5 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,  
Vol. I, Leningrad, 1958, pp 205-222.

JPRS-2150-2

Sci - Misc  
Feb 60

107,870

(NY-3108).

Principle of Construction of Electric Reading  
Devices, by N. D. Andreyev, 3 pp.

RUSSIAN, bk, Materialy po Mashinostu Perevodu,  
Vol I, Leningrad, 1958, pp 223-226.

JPRS-2170-N

Sci - Misc  
Feb 60

107,871

Algorithms for the Statistical-Combinatory  
Modeling of Syntax, Word-Formation and  
Semantics, by N. S. Andreyev, 50 pp.  
RUSSIAN, bk, Materialy po Matematicheskoy  
Lingvistike i Mashinnoy Perevodn, Vol II,  
1963, pp 3-44.  
JPRS 26209

Sci - M & DP  
Sep 64

266736



The Statistical-Combinatory Separation of the  
Paradigm of the First Morphological Type in  
the Russian Language, by L. D. Andreyeva, 22 pp.  
RUSSIAN, bk, Materialy po Matematicheskoy  
Lingvistike i Mashinnoyu Perevodu, Vol II,  
1963, pp 45-60.  
JPRS 26209

Sci - M & DP  
Sep 64

266,737

**The Two Types of Grammatical Information and  
Their Relation to the Language-Intermediate,**  
by E. M. Leykina, 14 pp.

**RUSSIAN, bk, Materialy po Matematicheskoy  
Lingvistike i Mashinomu Perevodu, Vol II,  
1963, pp 73-85,  
JPRS 26209**

**Sci - M & DP  
Sep 64**

**266,738**

Concerning the Syntax of the Intermediate  
Language, by P. Sgall, 6 pp.  
RUSSIAN, bk. Materialy po Matematicheskoy  
Lingvistike i Mashinnoy Perevodu, Vol II,  
1963, pp 86-91.  
JPRS 262029

Sci - M & DP  
Sep 63

266,739

Discriminators and Converters in Algorithms for  
Machine Translation, by N. D. Kremneva, 5 pp.  
RUSSIAN, bk, Materialy po Matematicheskoy  
Lingvistike i Mashinnoy Perevodu, Vol II,  
1963, pp 92-96.  
JPRS 26209

Sci - -M & DP  
Sep 64

266,740

Overcoming Lexical Incongruence in Constructing the  
Lexicon of an Intermediate Language, by G. A. Pak,  
RUSSIAN, rpt, Materialy po Mater. Lingvist. i Mach.  
Perev., Leningrad, 1963, pp 97-100.  
JPRS 26209

May 66

First Experiment in Machine Translation With  
the Use of an Intermediate Language,  
by N. D. Andreyev, V. L. Zamirzhitskiy, 14 pp.  
RUSSIAN, bk. Materialy po Matematicheskoy  
Lingvistike i Mashinomu Perevodu, Vol II,  
1963, pp 101-112.  
JPRS 26209

Sci- M & DP  
Sep 64

266,741

Word Order During the Synthesis of a Russian  
Sentence, by L. N. Zaslavina, 9 pp.  
RUSSIAN, bk, Materialy po Matematicheskoy  
Lingvistike i Mashinomu Perevodu, Vol II,  
1963, pp 113-121.  
JPRS 26209

Sci - M & DP  
Sep 64

266,742

Formal Rules for Search for the Object of a Verbal  
Work in Machine Translation From Chinese,  
by T. N. Nikitina, 16 pp.  
RUSSIAN, bk, Materialy po Matematicheskoy  
Logivstike i Mashinomu Perevodu, Vol II,  
1963, pp 122-136.  
JPRS 26209

Sci - M & DP  
Sep 64

266,743



Presyntactical Sections of an Algorithm for  
Independent Analysis of the Hindi Language,  
by N. N. Volkov, 15 pp.  
RUSSIAN, Materialy po Matematicheskoy  
Lingvistike i Mashinomu Perevodu, Vol II,  
1963, pp 137-149.  
JPRS 226209

Sci - M & DP  
Sep 64

266,744