

The Problem of the Penetrability of Birds
Wings, by G. S. Shestakova
RUSSIAN, par, Tr. Inst. Morf. Zhivot, Vol 9,
1953, pp 14-30.
MLL Ref: 5207 (1143)

Sci-Propulsion & Fuels
Aug 68

362,145

The Food Supply, by E. V. Borutskiy.

RUSSIAN, per, Trudy Inst Morfol Zhivotnykh Ak Nauk
SSSR, Vol XIII, 1960, pp 5-61.

*P1-480
OTS 63-11129
PST-842

Sci

Jan 63

Vol VIII, No 11

Effect of Varying Illumination on the Accessibility
of Food Organisms for Certain Fish, by I. I. Girsu.
RUSSIAN, per, Trudy Inst Morfologii Zhivotnykh,
Ak Nauk SSSR, No 13, 1960, pp 118-128.
*Fisheries Res Bd of Canada
St. Andrews, N.B.

Sci - Biol/Med Sci
Mar 64

(FDD 21461)

Ammonia and Glutamine in the Brain and Nerves
of Warm Blooded Animals Upon Electrical Irrir-
gation, by A. M. Budanova, 8 pp.

RUSSIAN, bk, Trudy Instituta Morfologii Zhivot-
nykh imeni A. N. Severtsova, Sbornik Rabot Labora-
torii Obshchey i Sravnitel'noy Fiziologii, Vol VI,
Moscow, 1952, pp 38-42.

CIA/FDD/U-6282

USSR
Sci - Medicine

19,369

Morphological Changes in Nerve Cells of Medulla
Oblongata After General and Local Exposure of Animals
to X-Rays, by M. I. Sorokina. UNCL

RUSSIAN, per, Trudy Inst Morfologii Zhivotnykh in A. N.
Severtsova, No 24, 1959, pp 126-134.

JPRS NY-6209

Sci - Med
May 61

121, 394

Dmitriy Mikhoykovich Fedotov: On His 70th Birthday,
by N. A. Raigantseva, UNCL.

RUSSIAN, monograph, Trudy Instituta Morphologii
Zhivotnykh imeni A. N. Svertsova, No 27, 1959,
pp 5-25.

JPRS SF-1203

USSR

~~USSR~~

Biographic
Dec 60

155,004

Sharov, A. G.
THE SYSTEM OF PRIMITIVE WINGLESS INSECTS.
[1961] [14]p. 21 refs.
Order from OTS or SLA \$1.60 61-28425

Trans. of [Akademiya Nauk SSSR], Inst[itut] Morfol-
[ogii] Zhivotnykh. Trudy, 1959, v. 27, p. 175-186.

DESCRIPTORS: *Insects, *Classification,

(Biological Sciences--Zoology, TT, v. 7, no. 8)

61-28425

1. Title: Collembola.
- I. Sharov, A. G.
- II. Translations, New York

201495

Office of Technical Services

Phylogenetic Relations Between Insects Belonging
to the Mecopteroid Complex, by O. ~~ff~~ Martynova.

RUSSIAN, per, Trudy Institut Morfologii Zhivotnykh
~~Imeni Severtsova, No 27, 1959, pp 221-230.~~

CSIRO Tr 4790
61-15436

Sci - Biol

Jun 61

157,800

in A. N. Severtsova, Ak Nauk SSSR, No 13, 1960,
pp 5-61.
OTS 63-11129
PL-480

Sci - Biol & Med Sci
Jan 65

271,048

Effect of Varying Illumination on the Accessibility
of Food Organisms for Certain Fish, by I. I. Girsa.
RUSSIAN, per, Trudy Inst Morfologii Zhivotnykh,
Ak Nauk SSSR, No 13, 1960, pp 118-128.
Fisheries Research Board
of Canada, Biol Stations

Sci - Biol & Mec Sci
Sept 64

266,474

Development of Eye^s and Their Function in Embryos
Larvae of Pike Perch, by E. A. Baburina, 20 pp.

RUSSIAN, per, Trudy Inst Morfologii Zhivotnykh
imeni A. N. Severtsova, Ak Nauk SSSR, No 33, 1961,
pp 151-172. 9205255

NIH 3-11-63

Sci - Biol & Med Sci

Apr 63

229,394

Chuzakina, E. S.

1961

Morphological characteristics of the ovaries of the female sperm whale (Physeter catodon L. 1758). [Morfologicheskaya kharakteristika yaichnikov samok kashalota (Physeter catodon L. 1758)].

Trudy Instituta Morfologii Zhivotnykh (Akademii Nauk SSSR), 14: 33-55. In Russian.

Translation in progress Neil Institute of Oceanography
Wormley, Godalming, England
March 23, 1965

Original Article Checked

Effect of Differences in Illumination on
the Availability of Food Organism to Certain
Fishes, by I. I. Girsas.
RUSSIAN, per, Trudy Ak Nauk SSSR
Institut Morfologii Zhivotnykh, Vol XIII,
1959, pp 118-128.
NRC C-4970

Feb 67

318,690

Fluctuations in the Number of Whales of the
Chukchi Sea in Various Years, by M. M. Sleptsov.
18 pp.

RUSSIAN, per, Trudy Inst Morfologiy Zhivotnykh,
Vol 34, 1961, pp 54-64.

Dept of Interior
BCE/OFF

A-37-March 1970-No 66

On Loan

NAV/N00 TRAN 476

Sci-B&M
June 70

Distribution of Feeding Grounds and Cetaceans in
the Sea of Okhotsk, by M. M. Sleptsov. 14 pp.
RUSSIAN, per, Trudy Inst Morfologii Zhivotnykh,
Vol 34, 1961, pp 79-92.

Dept of Interior

BCF/OFF

A-37-March 1970-No 67

On Loan

NAV/NOO/TR-479

Sci-B&M

June 70

Distribution of Cetaceans in the Sea of Japan,
by M. M. Sleptsov, 12 pp.
RUSSIAN, per, Trudy Instituta Morfologiy Zhiv.,
Vol 34, 1961, pp 93-110.
NAV/NOO/Tran-480-70

Sci/B&M
Oct 70

Living Conditions of Cetaceans in Zones Where
Cold and Warm Waters Mix, by M. M. Sleptsov, 20 pp.
RUSSIAN, per, Trudy Instituta Morfologii Zhiv.,
Vol 34, 1961, pp 111-135.
HAV/NOO/Tran-481-70

USS/Soc
July 70

Observations of Small Cetaceans in Far Eastern
Seas and NW Pacific, by M. M. Sleptsov.
RUSSIAN, per, Trudy Instituta Morfologii
Zhivotnykh, Vol 34, 1961, pp 135-143.
Dept of Navy NCO Trans 482

NAV/NOD

Sci/B&M
June 70

The Influence of Starvation on the Development of Larvae of Bony Fishes, A. A.

Kostomarova

RUSSIAN, per, Akad. Nauk SSSR, Trudy Instituta Morfologii Zhivotnykh im. A. N.

Severtsova, Vol 40, 1962. pp. 4-77

*USDI/BCF TT 69-59041

USSR

Sci/ B & M

Oct 69

A Method of Designing Current-Carrying
Wipers for Potentiometers Used in
Gyroscopic Instruments, by
V. Yu. Shishmarev, et al.
RUSSIAN, per, Trudy Instituta,
Moskovskiy Axiatsionnyi Tekhnologicheskii
Institut, Mekhnologiya i Konstruirovaniye
Giroprivorov, No 59, 1964, pp 138-168.
*RST 1-0000

Damage to Metal-Containing Enzymes as a
Primary Manifestation of the Biological
Action of Penetrating Radiation, by S. Ye.
Manolov.

RUSSIAN, per Trudy. mosk. Obshch. Ispyt. Prir
Vol. 7, No. 2, 1963, pp 30-41
NLL/3546 1965 (T 413R)

Sci -
Aug 67

337-528

**A Pink Salmon From a Lake, by E. L. Bakshmansky.
RUSSIAN, per, Trudy Biulleten Poliarnogo Nauch
Issled Inst Morskogo Rybnogo Khoz i Okean, No 4,(22),
1962, pp 46, 47.**

**Fisheries Research Board
Canada, Nanaimo Station**

**Sci - Biol
Mar 64**

252,182

62-23560

Sekerzh-Zen'kovich, Ya. N.
SYMMETRICAL OSCILLATIONS OF TWO LIQUID
LAYERS ON A SPHERE, ROTATING WITH DIFFER-
ENT ANGULAR VELOCITIES, tr. by M. Yanowitch.
15 Nov 61 [31]p. 4 refs. AGM Rept. no. 102.
Order from OTS or SLA \$3.60 62-23560

- I. Sekerzh-Zen'kovich,
Ya. N.
- II. AGM-102
- III. Adelphi Coll.
Garden City, N. Y.

Trans. of Akademiya Nauk SSSR. Morskii Gidro-
fizicheskii Institut. Trudy, 1959, v. 18, p. 94-113.

DESCRIPTORS: *Spheres, Bodies of revolution, Rotation,
Liquids, Oscillation, *Fluid mechanics, Vibration,
Hydrostatic pressure, Equations of motion, Transforma-
tions (Mathematics), Aerodynamics.

An analysis is made of the free symmetrical oscillations
of a liquid which covers a rigid sphere and consists of
two layers of different density, rotating with differen-
t angular velocities. This model allows one to take into
(Mechanics--Aerodynamics, TT, v. 9, no. 6) (over)

Office of Technical Services

OTS 63-11107
PL-480

Sci - Earth Sci
Nov 68
Avail From LY/Serials

269,152

Apparatus for Determination of the Coefficient of
Attenuation of Directed Light in the Sea, by
V. A. Timofeeva, 6 pp.
RUSSIAN, per, Trudy Inst Morskogo Gidrofiz, Ak
Nauk SSSR, No 20, 1960, pp 100-105.
OTS 63-11107
PL-480

Sci - Earth Sci
N"OV 64
Avail From LY/Serials

269,154

Interferometric Determination of the Salinity
of Sea Water, by Yu. A. Vel'mozhnaya, 7 pp.
RUSSIAN, per, Trudy Inst Morskogo Gidrofiz, Ak Nauk
SSSR, No 22, 1960, pp 26-32.
OTS 643-11107
PL-480

Sci - Earth Sci
Nov 64
Avail From LY/S"ERIALS

269,156

Report to the Plenary Session of the Conference
of Higher Educational Institutions on the Similarity
Theory and Its Application in Heat Engineering, by
S. G. Teletov, 17 pp.
RUSSIAN, per, Trudy Moskovskogo Instituta
Inzhenerovo Zheleznodorozhnogo Transporta,
Vol CXXXIX, 1961, pp 31-44. 9693575
DDC RSIC-234

Sci - Engr
Sept 64

266,473

pp 105-110. 9695021
DDC RSIC-275

Sci - Engr
Nov 64

269,121

Aviation Institute.
RUSSIAN, per, Trudy Inst Mosk Ordena
Lenina, Aviat, No 151.
*FTD-MT-65-108

Sci - Aero
May 65

Aviation Institute.
RUSSIAN, per, Trudy Inst Mosk Ordena
Lenina, Aviat, No 152.
*FTD-MT-65-109

Sci - Aero
May 65

Aviation Institute.
RUSSIAN, per, Trudy Inst Mosk Ordena
Lenina, Aviat, No 153.
*FTD-MT-65-110

Sci - Aero
May 65

Aviation Institute.
RUSSIAN, per, Trudy Inst Mosk Ordena
Lenina, Aviat, No 154.
*PTD-MT-68-111

Sci - Aero
May 65

Aviation Institute.
RUSSIAN, per, Trudy Inst Mosk Ordena
Lenina, Aviat, No 155.
*FFD-MT-65-112

Sci - Aero
May 65

Aviation Institute.
RUSSIAN, per, Trudy Inst Mosk Ordena
Lenina Aviat, No 156.
*FTD-MT-65-113

Sci - Aero
May 65

Certain Mathematical Problems Arising During
the Combined Operatoin of Digital Computers,
by D. A. Pospelov,
RUSSIAN, rpt, Trudy Mosk. Energ. In-ta,
Vychislitel'naya Tekhnika, Trudy MEI., No 55,
1963, pp 97-110.
*FTD-HT-67-33

Sci-Math
Jan 67

Comp. Special

2687/72
16 May 1972

Investigation of Spiral Channel Type Delay Systems,
by D. I. Voskresenskiy, 6 pp.
RUSSIAN, per, Trudy Inst Moskovskiy Ordena Lenina
Aviat, Institute Imeni Sergo Otszhonikidze,
Vol 125, 1960, pp 98-103.

Investigating Physico-Mechanical and Operational
Properties of Details After Machining, by
A. V. Podzeya, 11 pp.

RUSSIAN, bk, Trudy Instituta Mosk Ordona Lenina
Aviats Inst, No 129, 1960, pp 100-111. 9678092

FTD-TT-62-575

EXXX USSR

Econ

Sep 62

209,720

Investigation of Special Electric Aircraft Machines,

RUSSIAN, per, Trudy Instituta Moskovskiy Ordena Lenina
Aviatsionnyy Institut imeni S. Ordzhonikidze, h
Issledovaniye Spetsial'nykh Aviatsionnykh Elektricheskikh
Mashin, No 133, Moscow, 1961, pp 1-152.

*FTD-TT-63-117

Sci - Aero
Jan 63

Methods of Selection and Approximate Calculation of Air Design Parameters, by A. L. GIMMELFARB, 110 pp.

RUSSIAN, bk. Trudy Instituta Moskovskiy Ordona Lenina Aviatzionnyy Institut Labin Sergo Ordzhonikidze, Metody Priblizhennykh i Vybora Parametrov pri Proyektirovanii Samoletov, M Moscow, No 138, 1961, 100 pp. 2678784

FTD-TT-62-451

Sci - Aero, Engr
Nov 62

217,399

Navigation and Gyroscopic Devices, (Selected Articles), ~~XXXXXXXX~~ 189 pp.

RUSSIAN, Trudy Inst No 147, Mosk Ordena Lenina Aviats Inst Imeni Sergo Ordzhonikidze, Navigatsionnyye i Girokopicheskiye Ystroystva Moscow, 1962, pp 1-139. 9685481

FTD-TT-63-473

Sci-Electronics

Aug 63

343,524

Influence of Chemical Nature and Structure
of High-Polymer Additives on Viscosity
Properties of Oils of Different Chemical
Composition, by D. S. Velikovskiy

L. V. Chervova, 13 pp.

RUSSIAN, per, Trudy, Moskovskiy

Ordena Trudovogo Krasnogo Znameni

Institut, Neftekhimiya, Pererabotka Nefti i

Gaza, No 28, 1960, pp 44-55.

FTD-MT-64-512

Sci-Phys

Aug 65

288,544

Synthesis of New Antioxidant Additives,
by V. I. Isagulyants, N. A. Favorskaya,
13 pp.

RUSSIAN, per, Trudy Moskovskiy Ordena
Trudovogo Krasnogo Znameni Institut,
Neftekimiya, Pererabotka Nefti i Gasa,
No 28, 1960, pp 56-67.
FTD-MT-64-512

Sci-Phys
Aug 65

288,546

Long-Term Dynamics of the Plankton Biomass in the
Southern Barents Sea and the Factors Determining It,
by E. A. Zelikman, M. M. Kamshilov, 47 pp.
RUSSIAN, per, Trudy Inst Murman Morskogo Biol,
No 2 (6), 1960, pp 68-113.
OTS 63-11106
PL-480

Sci - Biol & Med Sci
Jan 645

271,052

Yearly Fluctuations in the Food of Haddock Off
the Murman Coast, by R. Ya. Tseeb, 17 pp.
RUSSIAN, per, Trudy Inst Murmanskogo Morskogo
Biol, Ak Nauk SSSR, No 2(6), 1960, pp 186-202.
OTS 63-11124
PL-480

Sci - Biol & Med Sci
Jan 65

271,037

Chemoreception in Crustaceans. Report No 1:
Variability in the Chemoreception of Amphipods
(Gammarus Locusta and G. Lacustris), By
A. N. Zubov, 6 pp.
RUSSIAN, per, Trudy Inst Murmanskogo Morskogo
Biologicheskogo Ak Nauk SSSR, Vol II, No 6,
1960, pp 245-252. 9221965
OTS 63-11164
PL-480

Sci - Biol & Med Sci
May 64

257,690

Notes on the Fauna of the Breeding Nests of Pink
Salmon in East Murman Rivers, by A. V. Astafeva.
RUSSIAN, per, Trudy Murmanskogo Morskogo
Biol Inst, No 5(9), 1964, pp 148-153.
*Fisheries Research
Board of Canada,
Ottawa

Sci - Biol & Med Sci
Sept 64

**Morphological Changes of the Fish Tissue Around
the Larvae of Some Parasitic Worms, by
I. G. Mikhaylova, E. V. Prazdnikov.
RUSSIAN, per, Trudy Murmanskogo Morskogo
Biologicheskogo Inst, No 5(9), 1964, pp 251-264.
*Fisheries Research
Board of Canada,
Ottawa**

Sci - Biol & Med Sci
Sept 64

On the Formation of Capsules of Anisakis sp. Larvae
in the Tissues of Myoxocephalus Scorpius, by
T. G. Prusevich.
RUSSIAN, per, Trudy Murmanskogo Morskogo
Biologicheskogo Inst., No 5(9), 1964, pp 265-273.
*Fisheries Research
Board of Canada,
Ottawa

Sci - Biol & Med Sci
Sept 64

26

Method of Investigating Glass-Crystal Structure,
by M. A. Bezborodov, A. M. Kripsiy, 21 pp.
RUSSIAN, per, Trudy Inst Nauchnyye Belorusskogo
Politeknicheskogo, No 82, 1960, pp 3-15. 9692313
FTD-TT-63-796

Sci - M/M
May 64

257,432

Plankton and the Feeding of Baltic Herring
(Salaka) Larvae in the Gulf of Riga, by
L.N. Lisivnenko.
RUSSIAN, per Trudy nauch-issled. Inst. Ryb.
Khoz. Latv. SSSR, Vol. 3, 1961, pp 105-138
NLL/9022.56 1965 (33)

Sci -
Aug 67

337-527

Sizes of Grazing Areas for Reindeers, by
L. V. Makhayev,
RUSSIAN, per, Trudy Nauchno-Issledovatel'skogo
Khozyaystva Krainego Severa, Vol XI, 1963,
pp 41-50.
*CFSTI TT 67-51231

Sci-Agri
Nov 66

Advances in Design and Construction
of Heavily Loaded Liquid Friction
Bearings by I. A. Todor.
RUSSIAN, per, Trudy Nauchn. Mosk. In-T
Radioelektroniki I Gorn. Elektromekhan.
Sbornik. Vol 49, No 1, 1964, pp 65-78.
*FTD-MT-65-269

USSR
Sci/Engr
Jul 65

The Nature of the Interaction of Active Dyes
with Hair Keratin, by P. O. Sazykina,
Yu. N. Aronina, et al,
RUSSIAN, per, Tr Msok Tekhnol Inst Legkoi,
No 30, 1964, pp 83-90.
NLL RTS 3802
On Loan Only

Sci-Mech
Jul 67

330, 28

TT-04-12207

Sokolova, M. N.
INVESTIGATION OF THE CHEMICAL COMPOSITION
AND STRUCTURE OF THE NEUTRAL COMPONENTS
OF NATURAL BITUMENS. [1963] 12p
Order from ATS \$13.50 ATS-34Q73R

Trans. of Akad[emiya] Nauk SSSR, Institut Nefti.
(Trudy) 1950, v. 1, no. 2, p. 285-294.

DESCRIPTORS: *Bitumens, Chemical analysis,
Structural properties, Aldehydes.

(Chemistry--Analytical, TT, v. 11, no. 4)

- I. Sokolova, M. N.
- II. ATS-34Q73R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Determination of the Surface Tension of Liquid Hydrocarbons and Petroleum by the Measurement of Drop Dimensions [The Sessile-Pendent Drop Method], by M. M. Kusakov, et al.

RUSSIAN, no per, Trudy Inst Neft Ak Nauk SSSR, Vol II, 1952, pp 53-72.

Assoc Tech Sv
Tr RJ-580
\$29.40 52,234

Sci - Chem
Sep 57

Catalytic Cracking of Cyclic Hydrocarbons
Under Pressure, by K. P. Lavrovskiy,

RUSSIAN, per, Trudy Inst. Neft, Ak. Nauk SSSR,
Vol II, 1952, pp 110-132.

ATS RJ-2098
ATS-53301

Sci - Chem

May 60

115,392

A Study of the Composition of Nebit-Dag Crude,
by A. V. Topchiyev, I. A. Musayev, G. D. Gal'pern,
18 pp.

per,
RUSSIAN, ~~RUSSIAN~~ Trudy Instituta Nefti Ak
Nauk SSSR, Vol IV, 1954, pp 3-17, Encl to
Report No IR-1121-55, 5 Oct 1955. CIA D 332109

AF01V-1A1

AF 698016

31,096

Feb 56 CTS/DBX

Scientific - Fuels,

Petroleum

Characteristics of Hydrocarbon Constituents of
Gasoline Produced by Oxidative Cracking and
Reforming, by V. E. Glushnev, 19 pp.

RUSSIAN, per, Trudy Instituta Nefti, Vol IV,
1954, pp 38-46, Encl to IR-1168-55. CIA D
356470

AF 702405

Sci - Fuels, Chemistry

30,989

Organic Oxygen Compounds Formed During Vapor
Phase Cracking by Oxidation, by S. F. Vasil'yev,
K. M. Sokova, R. I. Ginsburg, 10 pp. (AF 672132)

RUSSIAN, monogram, Trudy Institutu Nefti Ak
Bank SSSR, Moscow, Vol IV, 1954, pp 58-65,
~~XXXXXXXXXX~~ Encl to Report No IR-1179-56, APOIN-1A1,
24 Feb 1956. CIA D 418297

34,028

AF 717544

Petroleum

Scientific - Chemistry, May 56 CTS/DEX

Oxidation of Iron Catalysts with Steam on the
Synthesis of Hydrocarbons, by A. N. Bashkirov,
et al, 10 pp.

RUSSIAN, per, Trudy Instituta Nefti, Moscow, 1954,
Vol Iv, pp 151-158, AF-672132. / Encl to IR-1081-56,
25 Jan 1956, CIA D-399740.

AF01N-1A1

AF-723254

32,632

USSR
Chemistry
Scientific - Fuels

Apr 56

On the Treatment of Gaseous Paraffins Under Con-
ditions of High Speed Cracking, by K. P. Lavrovskiy,
A. N. Brodskiy, 44 pp.

RUSSIAN, per, Trudy Inst Nefti Ak Nauk SSSR, Vol IV,
1954, pp 176-198.

SIA 59-10327

Sci - Engr
Sep 59
Vol 2, No 2

98,046

Utilizing Electro-Osmotic Effects in Secondary Recovery, by M. A. Geiman, A. G. Muzikunov, 23 pp.

RUSSIAN, per, Trudy Neft Inst Ak Nauk SSSR, Vol V, 1955.

CIA/FDD X-3080

Sci - Chem
Oct 58

74, 869

Transactions of the Petroleum Institute, 3 pp.

RUSSIAN, per, Trudy Instituta Nefti, Vol VI, 1955,
table of contents, Encl to IR-1054-56.

AID

USSR
Econ - Petroleum

June 1956

Catalytic Cracking Performed with Silica-Magnesia,
by S. I. Molchanova, 11 pp.

RUSSIAN, per, Trudy Instituta Nefti, Vol VI,
1955, Encl to IR-1026-56, pp 32-34

AID Tech Serv 81J14R
Airc 35,678

Sci - Fuels

USSR

Econ - Industry, petroleum

ATE/RJ-710

Jun 1956

Dax only

Catalytic Cracking of Petroleum Heavy Fractions,
by O. E. Morosova, et al, 9 pp.

RUSSIAN, per, Trudy Instituta Nefti, Vol VI,
publ by USSR Academy of Science, Moscow, 1955.

Encl to IR-1116-56, 30 Jan 1956, CIA D-399743

AFOIN-1A1

AF-723239

32,635-

USSR
CHEMISTRY/Fuels
Scientific

Apr 56

Stability of Gasoline Produced by Oxidative
Reforming, by B.E. Glusnav, B. G. Kutikova, 9 pp

RUSSIAN, per, Trudy Instituta Nefti, Vol VI, pu
by Academy of Science, Moscow 1955, Encl to
IR-1024-56, 12 Jun 1956, CIA D-397556

AFON-1A
Af-716980

32,643

USSR
~~Classification~~ Scientific - Fuels

Thermocatalytic Treatment of Petroleum Products,
by A. S. Nekrasov and V. N. Karicheva, 16 pp.

F-1
RUSSIAN, ~~article~~, Trudy Instituta Nefti, Vol VI,
pub. 1955 by USSR Academy of Science, Moscow,
Encl to IR-1108-56, 30 Jan 56, CIA D-411563.

AF 111-121
AF-722927

USSR
~~Chemistry and Fuels~~
Scientific - Fuels

32.639

Apr 56

Chemical Composition of Aromatics Contained in
Gasolins Produced by Oxidative Cracking and
Reforming, by A. N. Tsybs, A. D. Sheynman, 12 pp.

RUSSIAN, per, Trudy Instituta-Nefti, Vol VI, publ
by USSR Academy of Science, Moscow, 1955. Encl to
IR-1088-56, 30 Jan 1956. CIA D-411562.

AFDIN-191, AF-722915

32,917

USSR
Scientific - Chemistry/Fuels

Apr 56

Hydrogen Extraction and Its Application in
Desulfurization of Devonian Crude Oil, by
K. A. Maslov, 15 pp.

RUSSIAN, per, Trudy Instituta Nefti, Vol VI, 1955,
Encl to IR-1188-56, AFOIR-1A1. CIA D 418300

AF 7175AE

Scientific - Feels
May 56 GRS/dex

34, 2/14

Sergienko, S. R., Delone, I. O. and others.
COMPOSITION AND PROPERTIES OF THE TARRY
PORTION OF IL'SK CRUDE. PT. 2 of Investigation
of the Composition and Properties of the High-Molec-
ular-Weight Portion of Petroleum. [1962] 8p.
Order from ATS \$9.10 ATS-14N58R

Trans. of Akad[emiya] Nauk SSSR. Inst[itut] Nefti.
Trudy, 1955, v. 6, p. 71-78.

DESCRIPTORS: *Petroleum, *Molecular weight.

(Engineering--Chemical, TT, v. 8, no. 2)

62-17181

- I. Sergienko, S. R.
- II. Delone, I. O.
- III. Title: Investigation ...
- IV. ATS-14N58R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Four Point Depressors for Lubricating Oils, by
P. I. Sanin, V. G. Putzillo, 16 pp.

RUSSIAH, per, Trudy Instituta Nefti, Moscow,
~~IS~~ Vol VI, 1955, pp 116-127, Encl to IR-1549-56.
CIA 55042A

AF 1017805

39,180

USSR
Sci - Fuels
Sep 56 CIB

<p>Rudenko, M. G. THE IMPORTANCE OF THE INVESTIGATIONS OF G. G. GUSTAVSON IN THE HISTORY OF THE DISCOVERY OF THE CATALYTIC ACTION OF ALUMINUM CHLORIDE ON ORGANIC COMPOUNDS. [1961] 8p.</p>	<p>61-12352</p>
<p>Order from ATS \$12.90</p>	<p>1. Aluminum chlorides-- Catalytic properties 2. Organic compounds-- Chemical reactions</p>
<p>ATS-94M4SR</p>	<p>I. Rudenko, M. G. II. ATS-94M4SR III. Associated Technical Service, Inc., East Orange, N. J.</p>
<p>Trans. of <u>Akad[emiy] Nauk SSSR, Inst[itut] Nefti.</u> <u>Trudy.</u> 1955, v. 6, p. 199-206.</p>	<p>148755</p>
<p>(Chemistry--Organic. TT, v. 5, no. 12)</p>	<p>Office of Technical Services</p>

XXXXXXXXXXXXXXXX

Composition and Properties of High Molecular
Petroleum Compounds, 6 pp.

RUSSIAN, per, Trudy Inst Neft, Vol VIII, 1956,
pp 40, 41, 46, 50, 57-59, ENCI to IR-1241-57,
AFOIN-1A1.

AID/Mar 57

Sci - Fuels, Chemistry

50, 847

Aug 57

Materials on the Lower Devonian Flora of the
Minusinsk Depression, by E. F. Chirkova-
Zalesskaya, 15 pp.

RUSSIAN, per, ^{copy} Tr Ak Nauk, Inst Zest, Vol VII,
1956, pp 60-70.

Library
Fisheries Res Bd of Canada
Biol Sta, St. Andrews, NB

Sci. - Geophys

171, 484

Oct 61

Conclusions of
"Precipitation of Sulfur Compounds With Stannic
Chloride," by Ye. N. Karaulova, A. S. Nekrasov, 2 pp.

RUSSIAN, no per, Trudy Instituta Nefti, Vol VIII,
1956, p 67, Encl to IR 1003-57, AFOIN-1A1.

AF 1071264

Sci - Fuels
Feb 1957 CTS

44, 110

Changes in the Activity and Selectivity of
Silica-Alumina Catalysts, by V. V. Shebekin, et al.

RUSSIAN, per. Trudy Inst Nefti, Vol VIII, 1956,
pp 107-113.

ATS RJ-1107

Sci - Chem
Apr 60

114,501

Change in the Microstructure of Cracking Catalysts
During Calcining and Steam Treatment, by S. A.
Gol'din, V. V. Shebekin, 6 pp.

RUSSIAN, per, Trudy Inst Nefti Akad Nauk SSSR,
Vol VIII, 1956, pp 114-119. (6-5114R)

Assoc Tech Sv 22H13R
ATS/RT-708
SLA

Sci - Chemistry, fuels
Oct 57

54,422

The Chemical Structure of Alkyl Phenols and Their Activity as Pour Point Depressants, by P. I. Sanin, V. V. Sher, 5 pp.

RUSSIAN, per, Trudy Inst Nefti Ak Nauk SSSR, Vol VIII, pp 180-184, 1956.

Assoc Tech Serv 92J15R *AS* 485-860

Sci - Chem

Aug 58

*LISTED IN SOURCE SUPPL
to ^{DSIR} FILE - 70-583
Dept of Interior
TH-4, 557
NE 50*

70,583

The Conversion of Hydrocarbon Gases by Steam Over
Silica-Molybdena Catalysts, by K. P. Lavrovskiy,
et al.

RUSSIAN, per, Trudy Inst Nefti Ak Nauk SSSR, Vol VIII
1956, pp 131-133.

ATS RJ-1599
ATS-20H13R

Sci - *chim*
Jul 59

90, 441

Conducting Chemical Reactions in a Fluidized Bed,
by K. P. Lavrovskiy, A. L. Rozental.

RUSSIAN, per, Trudy Inst Nefti Ak Nauk SSSR, Vol VIII,
1956, pp 94-99.

ATS RJ-129²

Sci .. Chem
Apr 60

114,559

Investigation of the Interfacial
Tension of Crude Oils at the Gas-Phase
Boundary as a Function of Pressure
and Temperature, by M. M. Kuzakov,
N. N. Lebnan, A. Yu. Koshevnik, 18 pp.
RUSSIAN, per, Trudy, Institut Neftkhimi-
cheskoi i Gazovoi Promyshlennost, Vol 14,
1955, pp 115-134.
ATS-95R7BR

336.347

<p>Vendel'shtein, B. Yu. RELATION BETWEEN THE PARAMETERS OF THE ELECTRICAL DOUBLE LAYER ON THE SURFACE OF ROCK PARTICLES AND THE DIFFUSION-ADSORPTION E.M.F. [1963] 10p. Order from ATS \$13.65 ATS-24Q69R</p> <p>Trans. of Institute of Chemical Geology and Prospecting [USSR] 1958, v. 22, p. 115-125.</p> <p>DESCRIPTORS: *Electrical double layer, Surfaces, Rock (Geology), Particles, Diffusion, Adsorption.</p> <p>(Earth Sciences--Geology, TT, v. 10, no. 5)</p>	<p>63-17371</p> <p>1. Title: Electromotive force I. Vendel'shtein, B. Yu. II. ATS-24 Q69R III. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>
---	--

Alkylation of Phenol with Olefins in
the Presence of Catalysts Containing
Boron Fluoride, by A. V. Topchiev,
B. M. Tumerman.

RUSSIAN, per, Trudy Instit Neftekhimicheskoi
i Gazovoi Promyshlennosti, Vol XXIII, 1958,
pp 9-21.
ATS 39R77R

Apr 67

323,039

<p>Shreiner, L. A. and Pavlova, N. N. EXPERIMENTAL DATA ON THE FATIGUE BREAK- DOWN OF ROCKS. [1961] 7p. Order from ATS \$10.00</p>	<p>61-25470</p>
<p>ATS-93N53R</p>	<p>I. Shreiner, L. A. II. Pavlova, N. N. III. ATS-93N53R IV. Associated Technical Services, Inc., East Orange, N. J.</p>
<p>Trans. of Akad[emiya] Nauk SSSR, Ins[titut] Nefti. <u>TRIZH</u>, 1958, v. 11, p. 46-52.</p>	<p>6659</p>
<p>DESCRIPTORS: Fatigue (Mechanics), *Rocks, USSR, Experimental data.</p>	<p>Office of Technical Services</p>
<p><i>KJ-3479</i></p>	
<p>(Earth Sciences--Geology, TT, v. 6, no. 11)</p>	

Titkov, N. L., Korzhuev, A. S. and others.
USE OF ELECTRIC CURRENT FOR STRENGTHEN-
ING FORMATIONS ON THE WALLS OF WELLS.
[1961] 27p.
Order from ATS, \$42. 85 ATS-52N54R

Trans. of [Akademiya Nauk SSSR], [Inst[itut] Nefti.
Trudy, 1958, v. 11, p. 85-110.

DESCRIPTORS: *Electric currents, *Walls.

RJ-3478

(Engineering--Civil, TT, v. 7, no. 2)

61-25638

- I. Titkov, N. L
- II. Korzhuev, A. S.
- III. ATS-52N54R
- IV. Associated Technical Services, Inc., East Orange, N. J.

295325

Office of Technical Services

Kapelyushnikov, M. A., Zaks, S. L., and
Burmistrova, V. F.
INCREASING OIL RECOVERY BY INJECTING HIGH-
PRESSURE GAS INTO A PARTIALLY DEPLETED
FORMATION. [1961] 20p.
Order from ATS \$30. 45 ATS-76N35R

Trans. of Akad[emiya] Nauk SSSR, Inst[itut] Nefti.
Trudy, 1958, v. 11, p. 209-227.

DESCRIPTORS: *Petroleum, Recovery, Gases,
Injection.

(Earth Sciences--Geology, TT, v. 7, no. 3)

62:12162

- I. Kapelyushnikov, M. A.
- II. Zaks, S. L.
- III. Burmistrova, V. F.
- IV. ATS-76N35R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Shneerson, V. B.
CHANGE IN THE WETTABILITY OF OIL RESER-
VOIR ROCKS IN CONTACT WITH DIFFERENT
GASES AT HIGH PRESSURES. [1961] 11p.
Order from ATS \$15.30 ATS-71N53R

Trans. of Akad[emiya] Nauk SSSR. Inst[itut] Nefti.
(Trudy) 1958, v. 11, p. 283-293.

DESCRIPTORS: Geochemistry, *Rock, *Petroleum,
*Porous materials.

(Earth Sciences--Geology, TT, v. 7, no. 4)

61-25467

- I. Shneerson, V. B.
- II. ATS-71N53R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services