

S-10/61

(NY-6040.

Phytoncides and Aerovitamins, by B. P. Tokin, <sup>3</sup>77

RUSSIAN, per, Priroda, Vol XLIX, No 6, 1960, p 125.

\*JPRS 4679

Sci - Med

14 Mar 61

Sun and Ice - New Methods of Speeding Up the  
Thaw, by I. S. Peschanskiy, 4 pp.

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RUSSIAN, per, Priroda, 7 Jul 1960. *9074583*

DRB Canada

Sci - Geophys  
May 61

*WILLIAM*  
OTS 62-33085

*150,126*

Is Communication Possible With Intelligent Beings  
On Other Planets? by I. S. Shklovskiy,

RUSSIAN, per, Priroda, No 7, 1960, pp 21-30.

NASA TT-F-8009

Sci  
Sep 61

168,669

US GOV'T ONLY

(NY-5472)

Life at High Temperatures, by A. A.  
Imshonetskiy, 23 pp.

RUSSIAN, per, Priroda, Vol XLIX, No 8, 1960,  
pp 19-24.

JPRS 7349

Sci - Biol

Jan 61

136,524

PARADOX OF COLOR VISION, BY N. D. NYUBERG, 18 PP.

RUSSIAN, PER, PRIRODA, NO 8, 1960, PP 53-59.

CIA/FDD XX-LL99  
NOT RELEASABLE TO FOREIGN NATIONALS

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JUN 62

USIB INTERNAL USE ONLY

201,507

(DC-4612)

Cybernetics and Man, 3 pp.

RUSSIAN, per, Priroda, Vol XLIX, No 8, 1960,  
pp 68-69.

Sci - Math  
22 Nov 60

JPRS 6252

FDD X-4557

133, 840

also 5/11/61

(NY-5472)

Ultrasound in the Life of Animals, by Yu. M.  
Zalasskiy, 12 pp.

RUSSIAN, per, Priroda, Vol XLIX, No 8, 1960,  
pp 91-93.

JPRS 7350

Sci - Biol

Jan 61

136,523

Automatic Devices of High Accuracy and Reliability,  
by ~~Dr~~ M. S. Yarov-yarovoy, UNCL, 1 PP

RUSSIAN, per, Prioroda, No 9, 1960, PP 3, 4.  
9671159

ATIC MCL-1255/1

Sci - Engr, Electron, Space Research

5 Jul 61

AFCIN-4B2B 3-7-9



The Triumph of Soviet Science and  
Technology, 3 pp.

RUSSIAN, per, Priroda, No 9, 1960, pp 3, 5.  
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FTD MCL-1255/1

Sci - Space/Res

171,557

20 Oct 61

Space Ships and Astrophysics, by V. G. Fesenkov,  
RUSSIAN, per, Priroda, No 9, 1960, pp 6-9. 9695436  
NASA TT F-8017

Sci  
Sep 61

168,437

The Fourth Artificial Satellite in Flight, by  
N. P. Slovokhotova,

RUSSIAN, per, Priroda, No 9, 1960, pp 14.

NASA TT F-8011

Sci  
Sep 61

168,670

US GOV'T ONLY

(NY-6503/51)

Elemental Organic Polymers, by K. A. Andrianov,  
~~XXXX~~ A. I. Petrashko, E. Z. Asnovich, 19 pp.

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pp 27-32.

JPRS 9830

Sci - Chem  
Aug 61

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(NY-6503/53)

Predatoriness in the ~~xxx~~ World of Micro-organisms, by K. A. Kozlov, 9 pp.

RUSSIAN, per, Prirada, Vol XLIX, No 9, 1960, pp 94-96.

JPRS 9832

Sci - Biol  
Aug 61

163,307

(NY-3000/25)

Natural Gas in Metallurgy, by M. I. Gromov,

RUSSIAN, per, Priroda, No 9, 1960, pp 59-60.

\*JPRS

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13 Dec 60

(NY-6503/52)

Boll  
Blood-Vessel Strengthening Vitamin, by M. N.  
Zaprometov, 8 pp.

RUSSIAN, per, Priroda, Vol XLIX, No 9, 1960,  
pp 92-94.

JPRS 9831

Sci - Med

Aug 61

162,857

The Puzzle of Venus, by D. Ya. Martynov, 31 pp.  
RUSSIAN, per, Priroda, No 10, 1960, pp 8-15.  
JPRS 9552

Sci - Astron

Jul 61

160,145



(NY-5660)

Transplantation of Tissues and Organs, by S. P.  
Muchnik, 14 pp.

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JPRS 7916

Sci - Med

Mar 61

144, 695-

(NY-6463/1)

Molecular Biology, by Ferdinand Hercik, 9 pp.

RUSSIAN, per, Priroda, No 10, 1960, pp 21-26.

JPRS 10228

Sci - Biology

Oct 61

173,650

S-9/61

(NY - 5260).

Ultrasound in Medicine, by L. D. Rozenberg,  
I. Ye. El'piner,

RUSSIAN, per, Priroda, <sup>Vol XLIX,</sup> No 10, 1960, pp 35-41.

\*JPRS

Sci - Med

13 Jan 61

(NY-5660)

Gibberellin, 3 pp.

RUSSIAN, per, Priroda, No 10, 1960, p 76.

JPRS 7918

Sci - Biol

Apr 61

146, 019

(NY-6463)

A New Look at Cybernetics, by G. N. Povarov,  
8 7 pp.

RUSSIAN, per, Priroda, No 10, 1960, pp 78-80.

JPRS 9784

Sci - Misc  
Aug 61

163,113

Hyperon Stars, by G. S. Saakyan, 19 pp.

RUSSIAN, per, Priroda, No 11, 1960, pp 14-21.  
9664284

PTD-TT-61-314

Sci - Astron

188, 287

19 Mar 62

SUCCESSFUL COLLABORATION BY PHYSICISTS OF THE  
SOCIALIST COUNTRIES, BY M. M. LEBEDENKO, 3 PP.

RUSSIAN, PER, PRIRODA, NO 11, 1960, P 68.  
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FTD4-TT-62-923

USSR  
ECON  
SCI - MED  
SEP 62

210,148

A Photon Rocket, by G. G. Zel'kin, 9 pp.

RUSSIAN, per, Priroda, No 11, 1960, pp. 42-72.

Space Technology Lab

CTC 62-10186

Sci

Nov 61



~~THE~~

The Greatest Physicist of Our Country (In Memory of  
Acad a. F. ~~YE~~ Yoffe), by N. N. Semenov, YA. G.  
Dorfman,

RUSSIAN, per, Priroda, No 12, 1960, pp 32-39.

\*ATIC

MCL-887/1

USSR

Pio

30 Mar 61

C-584

61-27496

1. DSIR LLU M.3174

CAN CLIMATE BE CHANGED? [1961] [7]p. 1 ref.  
[DSIR LLU] M.3174.  
Order from OTS or SLA \$1.10 61-27496

Trans. of Priroda (USSR) 1960 [v. 49] no. 2,  
p. 124-128.

DESCRIPTORS: \*Aerosols, \*Climate, Sun, Rockets,  
\*Temperature control.

Several comments by Soviet academicians are pre-  
sented concerning a previous proposal by V. Cherenkov  
to create an artificial ring of dust around the earth and  
thereby change the climate (and illumination) of the  
earth. Although some of the Soviet scientists consider  
that the suggestion is technically possible, most of  
them believe that the consequences would be disastrous.  
(See also 61-19686)  
(Earth Sciences--Meteorology, TT, v. 6, no. 9)

Office of Technical Services

(NY-6369)

Biology and Cosmic Flights, by N. M. Sisakyan,  
27 pp.

RUSSIAN, per, Priroda, No 1, 1961, pp 7-16.

JPRS 9479

Sci - Med

Jul 61

158, 633

(DC-5705)

The Physics of Space and Time, by D. A.  
Frank-Kamenetskiy, 16 pp.

RUSSIAN, per, Priroda, No 1, 1961, pp 17-24.

JPRS 8671

Sci - Phys  
Aug 61

161,928<sup>4</sup>

(NY-6369)

Organic Semiconductors, by B. A. Krentsel', 16 pp.  
RUSSIAN, per, Priroda, No 1, 1961, pp 51-55.

JPRS 9480

Sci - Phys

Jul 61

157,090

(NY-6369)

Allergy, by A. D. Ado, 15 pp.

RUSEIAN, per, Priroda, No 1, 1961, pp 61-65.

JPRS 9481

Sci - Med

Jul 61

157,103

(NY-6003)

Cosmic Radiation from the Sun, by L. V.  
Kurnosova, 6 pp.

RUSSIAN, per, Priroda, No 1, Jan 1961,  
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JPRS 7963

Sci - Astron

Apr 61

146,673

The Soviet Kerekul, by A. A. Kaplan, 9 pp.

RUSSIAN, gen, Priroda, 1961, pp 105-109.

CSIR Tr No 200

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ECON Econ

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The Upper Atmosphere and Interplanetary  
Medium, by V. G. Kurt, 23 pp.

RUSSIAN, per, <sup>P</sup>Priloda, No 2, 1961, pp 23-30.

9671174

FTD MCL-1047/1

Sci - Geophys

171,543

20 Oct 61

(NY-6885)

THE MAGNETIC AND ELECTRICAL PROPERTIES  
OF MACROMOLECULES, BY L. A. BLYUMENFEL'D,  
8 PP.

RUSSIAN, PER, PRIRODA, VOL L, NO 2, 1961,  
PP 55-59.

JPRS 12342

SCI - CHEM  
FEB 62

183,121

The Universe and Life, by A. I. Oparin.

RUSSIAN, per, Priroda, Vol VII, 1961.

NRC/C-3847

Sci  
Jan 63

(NY-10)

INTERNATIONAL SYMPOSIUM ON SILICOSIS IN  
BULGARIA, BY KHR. KHADZHIOLOV, 9 PP.

RUSSIAN, PER, PRIRODA, VOL X, NO 2, MAR/APR  
1961, PP 100-102.

JPRS 12603

SCI - MED  
MAR 62

183,213

With a Camera in Space, by G. Titov.

RUSSIAN, per, Priroda, Vol XI, 1961, pp 8, 9.

RAE 979

*188,949*

Sci - Space Res

Mar 62

(NY-6512/1)

"Strange" States of Matter, by A. I. Kitaygorodskiy, Yu. V. Myukh, 20 pp.

RUSSIAN, per, Priroda, No3, 1961, pp 9-14.

JPRS 9629

Sci - Phys  
Aug 61

163,081

Forest Resources of NorthEast China, by  
Chu Tse-fan, V. Ya. Koldanov, 11 pp.

RUSSIAN, per, Priroda, No 3, 1961,  
pp 27-33.

JPRS 15554

FE - China  
Econ.  
Sci - Biol  
Oct 62

212, 515

(NY-6518/3)

To New Heights of Knowledge (1961 Yearly  
General Assembly of the Academy of Sciences of USSR  
of USSR), 16 pp.

RUSSIAN, per, Priroda, No 3, 1961, pp 67-70.

JPRS 9631

Sci - Misc

Aug 61

162,200



(NY-6512/4)

The Science of Aging and Long Life, by Zh. A.  
Medvedev, 7 pp.

RUSSIAN, per, Priroda, No 3, 1961, pp 71, 72.

JPRS 9632

Sci - Med

Aug 61

162,199

(NY-6512/2)

Trees Will Not Freeze at the Artificial Climate  
Station, by I. I. Tumanov, 21 pp.

RUSSIAN, per, Priroda, No 3, 1961, pp 61-66.

JPRS 9630

Sci - Biol

Aug 61

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(NY-6512).

~~TEX~~ The Science of Aging and Long Life, by Zh. A.  
Medvedev,

RUSSIAN, per, Priroda, No 3, 1961, pp 71-72.

\*JPRS

Sci - Med

29 May 61

(NY-6502)

NATURES & PATENTS, BY I. AKIMUSHKIN,  
YU. KALININ, 12 PP.

RUSSIAN, PER, PRIRODA, NO 3, AUG 1961,  
PP 88-93.

JPRS 12584

SCI - BIOL  
MAR 62

3  
182,214

S-388/61

(DC-6140)

Soviet Man In Space! Man's Flight Into Space for  
the First Time in the World,

RUSSIAN, per, Priroda, Vol XXV, No 4, 1961, p 1.

\*JPRS 8846

Sci - Space Res  
5 Jul 61

169,185

S-388/61

(DC-6140)

Man's Successful Return From his First Space  
Flight,

RUSSIAN, per, Briroda, Vol XXV, No 4, 1961, p 2.

\*JPRS 8846

Sci - Space Res  
5 Jul 61

169, 185

S-388/61

(DC-6140)

To the Soviet Astronaut Who Accomplished a Space  
Flight First in the World, by Yu. A. Gagarin,

RUSSIAN, per, Priroda, Vol XXV, No 4, 1961, p 3.

*✓* JPRS 8846

Sci - Space Res  
5 Jul 61

*149, 185*

S-388/61

(DC-6140)

To All the Scientists, Engineers, Technicians,  
Workers, and to All the Collectives and Organizations  
Who Took Part in the Successful Accomplishment of  
the Flight of Man Into Space for the First Time  
in the World on the Sputnik-SHIP "Vostok, to the  
First Soviet Astronaut to visit, Yu. A. Gagarin,

RUSSIAN, per, Priroda, Vol XXV, No 4, 1961, p 4.

\*JPRS

8846

Sci - Space Res  
5 Jul 61

169, 113



(NY-6502)

Experience and Scientific Knowledge, by G. A.  
Kursanov, 11 pp.

RUSSIAN, per, Priroda, No 4, 1961, pp 3-8.

JPRS 10027

Sci - Misc  
Sep 61

167,788  
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61-28690

Zabotinskii, M. E. and Radunskaya, I. L.  
THE TIME SCALE ON WHICH WE LIVE (Vremya po  
Kotoromu My Zhivem) tr. by Mary Kay Hefley. Aug 61  
[19]p.

Order from OTS or SLA \$1.60

61-28690

Trans. of Priroda (USSR) 1961 [v. 50] no. 4, p. 9-16.

DESCRIPTORS: Stars, Atoms, Molecules, \*Time,  
Motion, Sun, Relativity theory, Velocity, Rotation,  
Drag, Mathematical prediction.

We are confronted with the evidence of competition  
between the stars and the invisible atoms and mole-  
cules for the right to claim to be the guardians of  
time. (Author)

(Physics--Theoretical, TT, v. 7, no. 7)

I. Zabotinskii, M. E.  
II. Radunskaya, I. L.

Office of Technical Services

S-525/61

(NY-6628)

Unprecedented Conquest Over Forces of Nature, by  
N. S. Khrushchev,

RUSSIAN, per, Priroda, Vol XV, No 5, 1961,  
p 3.

\*JPRS

Sci - Biol/Med  
7 Aug 61

Nesmeyanov, A. N. and Gagarin, Yuri A.  
FIRST SOVIET ORBITAL FLIGHT, SELECTED  
ARTICLES: I. THE DAWN OF A NEW ERA. 2.  
THROUGH THE EYES OF THE FIRST COSMONAUT,  
tr. by B. W. Kuvshinov. 13 July 61, 6p.  
APL/JHU TG 230-T241.  
Order from OTS \$0.50

61-31545

Trans. from Priroda (USSR) 1961 [v. 50] no. 5.

DESCRIPTORS: Manned, \*Space flight, USSR.

(Engineering--Satellite Vehicles, TT, v. 6, no. 12)

61-31545

I. Nesmeyanov A. N.  
II. Gagarin, Y. A.  
III. Title: Dawn...  
IV. Title: Through...  
V. APL/JHU TG 230-T241  
VI. Applied Physics Lab.,  
Johns Hopkins U.,  
Silver Spring, Md.

JPRS 10166

Office of Technical Services

(NY-6623)

The Path Into Space is Open, by N. M.  
Slepyan, 4 pp.

RUSSIAN, per, Priloda, No 5, 1961, pp 6, 7.

JPRS 10166

Sci - Space Res

171, 159

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(NY 4473)

Man Returns From Space Voyage, Biology and  
Medicine to Serve the Flights Into Space,  
by P. K. Gerasimov, 15 pp.

~~RUSSIAN, per, Priroda, No 3, 1961, pp 6-18.~~  
RUSSIAN, per, Priroda, No 3, 1961, pp 6-18.

JPRS 10166

Sci - Space Res

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(DC-6880)

THE  
SIBERIAN SMOKE HAZE OF 1959,  
BY A. V. BORISOV, 3 PP.

RUSSIAN, PER, PRIRODA, NO 5, 1961,  
PP 65, 66.

JPRS 14250

SCI - GEOPHYS  
JUN 62

201,935

(DC-6555)

The Beginning of a New Era in the Study of Space,  
by V. G. Fesenzkov, 11 pp.

RUSSIAN, per, Priroda, No 6, 1961, pp 3-5.

JPRS 12442

Sci - Space Res  
Mar 62

186, 038



Planetary Spectra, by V. G. Teyfel.  
RUSSIAN, per, Priroda, No 6, 1961, pp 39-45.  
NASA TT F-8881

Sci-Ear Sci & Astron  
Jul 64  
U.S. GOVERNMENT ONLY

260,987

(SF-1930)

On the Littorals of the China Seas, by O. B.  
Mokiyevskiy, 6 pp.

RUSSIAN, per, Priroda, No 6, 1961, pp 93-97.

JPRS 4872

FE - China

Geog

Sep 61

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{NY-6702

The Historic Achievement, by M. V  
Keldysh, 7 pp.

RUSSIAN, per, Priroda, No 7, 1961,  
pp 3-4,

JPRS 10931

USSR  
Soc  
Nov 61

174,562

S-614/61

The Universe and Life, by A. I. Oparin,  
(NY-6702)

RUSSIAN, per, Priroda, Vol XV, No 7, 1961,  
pp 5-~~8~~ 12.

\*JPRS

Sci - Med  
Sep 61

(SF-1079)

Organic Luminescent Substances, by V. K. Matveyev,  
11 pp.

RUSSIAN, per, Priroda, No 7, 1961, pp 13-18.

JPRS 11543

Sci - Phys

Jan 62

178, 431

(20-6244)

Weather and Satellites, by V. P. Porov, A. L.  
Mochalov, 19 19.

RUSSIAN, per, Pravda, No 7, 1961, pp 45-52.

JPRS 8920

Sci - Geophys  
Space Res  
Oct 61

171, 6-5

(NY-6702)

Longevity. by V. V. Ainstov. 15 pp.

RUSSIAN, pub., Priloda, No 7, 1961, pp 60-74.

JPRS 10933

Sci - Misc

175,464

Dec 61

(1X-66)

The Blue Curtain Separates The Scientific  
Journeys of the "Severyanka", by V. G. Arhanha,  
17 pp.

RUSSIAN, per, Prinoda, No 7, 1961, pp 81-87.

JPRS 10547

Sci - Biol  
Nov 61

173,933



(EC-66)

An Important Historical Document, by L. A.  
Zenkevich, 8 pp.

RUSSIAN, per, Priroda, No 7, 1961, pp 88-91.

JPRS 1054<sup>11</sup>  
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Sci - Geophys  
Nov 61

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AN OUTSTANDING SCIENTIFIC EXPERIMENT, BY  
YE. P. AKSENOV, YE. A. GREBENIKOV, ET AL, 20 PP.

RUSSIAN, PER, PRIRODA, NO 8, 1961,  
PP 7-15. 9665949

FTD-TT-62-653

SCI - SPACE RES  
AUG 62

208,001

Fauna of the Arctic, by S. M. Uspenskiy.

RUSSIAE, par, Priroda, No 8, 1961, pp 33-41.

MLL RTS 2173

Sci - Biol & Med Sci  
May 63

230,653

(SF-137)

Chemistry and Cosmic Flights, by Ya. M. Panchkin,  
7 pp.

RUSSIAN, per, Feiroda, 3 Aug 1961, pp 16-20.

JPRS 11537

Sci - Nucl, Chem

Jan 62

191758

178, 437

(DC-6516)

TOWARDS THE SOLUTION OF THE VENUS RIDDLE,  
BY D. YA. MAITYKOV.  
, 17 PP.

RUSSIAN, PER, PRIRODA, NO 9, 1961,

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JPRS 12131

SCI - ASTRONOMY

FEB 62

*Sept. 1961*

*1526 454 12131*

180,649

(DC-6425)

Synthesis of Protein, by Ye. D.  
Koverzneva, 16 pp.

RUSSIAN, per, Priroda, No 9, 1961.  
pp 41-47.

JPRS 11619

Sci - Chem

173,976

Jan 62

(SF-2063)

Laboratory Animals, by A. I. Metelkin, 8 pp.

<sup>Vol 24,</sup>  
RUSSIAN: per, Priroda, No 9, 1961, pp 54-60.

JPRS 11706

Sci - Med

Jan 62

178, p 30

(NK-6502)

Communism - A Science, by D. M. Troshin,  
11 pp.

RUSSIAN, per, Priroda, No 10, 1961,  
pp 3-10.

JPRS 13126

USSR  
Fol  
Apr 62

*189,384*



Rockets, Satellites and the Exploration of the  
Upper Atmosphere, by N. B. A. Mirtov, 25 pp.

RUSSIAN, per, Priroda, No 10, 1961, pp 23-31.  
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Dept of Int FID-TT-61-217

OSO 8 C154 no. 366-K

UT 7066

Sci - Space Res

DRB/T 366R92, 679

Apr 62

CTS-62-14557

Human Physiology and Outer Space, by  
V. V. Parin, 15 pp.

RUSSIAN, per, Priroda, No 10, 1961, ~~PP 32-37~~  
pp 32-37. 9676281

FTD-TT-61-217

Sci - Space Res

192, 678

Apr 62

Magnetohydrodynamic Generators, by A. E. Sheindlin,  
15 pp.

RUSSIAN, per, Pririoda, No 10, 1961, pp 82-87.  
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FTD-TT-61-217

Sci - Space Res

192,680

Apr 62

TT-63-24342

Titov, German.

WITH A CAMERA IN SPACE (S Kinoapparatom v  
Kosmose) tr. by J. W. Palmer. Dec 61 [7p] RAE  
Library Trans. no. 979.  
Order from OTS, SLA, or ETC \$1.10 TT-63-24342

Trans. of Priroda (USSR) 1961 [v. 50] no. 11, p. 8-9.

DESCRIPTORS: \*Scientific satellites, Manned space-  
craft, Aerial photographs, Earth.

(Engineering--Satellite Vehicles, TT, v. 11, no. 3)

- I. Titov, G.
- II. RAE Trans-979
- III. Royal Aircraft Establish-  
ment (Gt. Brit.)

Office of Technical Services

(SF-1879)

Radio Signals From Molecules, by A. Y.  
Kitaygorodskiy, E. Y. Fedin, 13 pp.

RUSSIAN, per, Priroda, No 11, 1961,  
pp 44-52.

JPRS 13326

Sci-Electron

190,427

Apr 62

(NY-6984)

On the Peaks of El'brus, by G. K.  
Sulakvelidze, V. P. Lancheva, 17 pp.

RUSSIAN, per, Priroda, No 11, 1961,  
pp 72-78.

JPRS 12915

USSR  
Geographic  
Mar 62

187,981

Ferrocene, by N. A. Kochetkova,  
H. B. Materikova, 5 pp.  
RUSSIAN, per, Priroda, No 11, 1961,  
pp 98-100  
P100205068-V  
FED-NT-67-347

Sci/Chemistry  
Sep 68

364,231

Stromatoliths, Indicators of Migration  
of the Poles, by A. G. Vologdin.  
RUSSIAN, per, Priroda, No 11, 1961,  
pp 102-103,  
DRB Canada T.396.R

Sci/Agri  
Aug 65

288,693



To Combat (Ice-Jam) Floods,  
by N. S. Antrushin.  
RUSSIAN, per, Priroda, No 11, 1961,  
pp 103-104.  
DIB Canada T.394.R

Sci/Earth Sci  
Aug 65

288,691

TT-63-24482

Shapot, V. S.  
BIOCHEMISTRY OF CANCER [1963] [25p] (1 fig.  
omitted) FASEB Manuscript no. S-221-3.  
Order from OTS, SLA, or ETC \$2.60 TT-63-24482  
fig. 1 available on loan from OTS

Trans. of Priroda (USSR) 1962, v. 51, no. 12, p. 19-25.

DESCRIPTIONS: \*Cancer, \*Biochemistry, Neoplasms,  
Growth, Medical research, Cells (Biology), Genetics,  
Mutations, Deoxyribonucleic acids.

(Biological Sciences--Pathology, TT, v. 11, no. 5)

- I. Shapot, V. S.
- II. FASEB-S-221-3
- III. Federation of American  
Societies for Experimental  
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Generators and Amplifiers of Light, by N. G. Basov,  
O. N. Krokhin, J. M. Popov.

RUSSIAN, per, Priroda, No 12, 1961, pp 16-25.

\*Navy/APL

Sci - Electron

20 Jul 62

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