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pp 68-69.

Sci - Math
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JPRS 6252
FDD X-4501
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Sci - Biol

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Sci - Engr, Electron, Space Research

5 Jul 61

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Sci - Space/Res

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20 Oct. 61

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RUSSIAN, per, Priroda, No 9, 1960, pp 6-9. 7675436

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
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JPRS 9830

Sci - Chem
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Sci - Biol
Aug 61

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Sci - Med

Aug 61

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Sci - Astron

Jul 61

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(NY-5660)

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JPRS 7916

Sci - Med

Mar 61

144, 695-

(NY-6463/1)

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

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Sci - Biology

Oct 61

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S-9/61

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I. Ye. El'piner,

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*JPRS

Sci - Med

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(NY-5550)

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JPRS 7918

Sci - Biol

Apr 61

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(RY-6463)

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Aug 61

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~~FTD-TT-61-314~~

Sci - Astron

188, 287

19 Mar 62

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SOCIALIST COUNTRIES, BY M. M. LEBEDENKO, 3 PP.

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FTD4-TT-62-923

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SCI - MED
SEP 62

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A Photon Rocket, by G. G. Zel'kin, P. 89.

RUSSIAK, per, Priroda, No 11, 1960, pp. 89-92

Space Technology Lab

OTS 62-10186

Sci

Nov 61.

From: [illegible], by V. I. [illegible]

MISSILE, ⁵⁰⁷ Sp. Rocket. No. 12, 1960, [illegible]
[illegible]

FTD-110-61-151

Sci. Chesa

180. 2 1/2

23 Jan 62

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

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

*ATIC
MCL-887/1

USSR

Eio

30 Mar 61

C-584

61-27496

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 presented 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 61-19586)
(Earth Sciences--Meteorology, TT, v. 6. no. 9)

1. DSIR LLU M. 3174

Office of Technical Services

(M-6309)

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

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

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Sci - Phys
Aug 61

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(NY-6369)

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JPRS 9480

Sci - Phys

Jul 61

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(NY-6369)

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

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JPRS 9481

Sci - Med

Jul 61

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(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

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Sci - Geophys

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THE MAGNETIC AND ELECTRICAL PROPERTIES
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8 PP.

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JPRS 12342

SCI - CHEM
FEB 62

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

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NRC/C-3847

Sci
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INTERNATIONAL SYMPOSIUM ON SILICOSIS IN
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JPRS 12603

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With a Camera in Space, by G. Titov.

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RAE 979

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Sci - Space Res

Mar 62

(NY 6512/1)

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

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JPRS 9629

Sci - Phys
Aug 61

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Chu Tse-fan, V. Ya. Koldanov, 11 pp.

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JPRS 15554

FE - China
Econ
Sci - Biol
Oct 62

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JPRS 9631

Sci. - Misc

Aug 61

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(NY-6512/4)

The Science of Aging and Long Life, by Zh. A.
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JPRS 9632

Sci - Med

Aug 61

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(NY-6512/2)

Trees Will Not Freeze at the Artificial Climate
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RUSSIAN, per, Priroda, No 3, 1961, pp 61-66.

JPRS 9630

Sci - Biol

Aug 61

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(NY-6512).

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*JPRS

Sci - Med

29 May 61

(NY-6502)

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

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PP 88-93.

JPRS 12504

SCI - BIOL
MAR 62

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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 3092

Sci - Space Res
5 Jul 61

169,185

S-388/61

(DC-6140)

Man's Successful Return From his First Space
Flight,

RUSSIAN, per, *Priroda*, Vol XXV, No 4, 1961, p 2.

*JPRS *3846*

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.

VJPRS 4 576

Sci - Space Res
5 Jul 61

1 29 175

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

Sci - Space Res
5 Jul 61

(NY-6502)

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

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JPRS 10027

Sci - Misc
Sep 61

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Zabotinskii, M. E. and Radunskaya, I. L.
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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)

61-28690

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,
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Sci - Biol/Med
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Nesmeyanov, A. N. and Gagarin, Yuri A.
 FIRST SOVIET ORBITAL FLIGHT, SELECTED
 ARTICLES: 1. 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)

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- I. Nesmeyanov A. N.
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- IV. Title: Through...
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- VI. Applied Physics Lab.,
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JPRS 10/66

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JPRS 10166

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Man Returns From Space Voyage, Biology and
Medicine to Serve the flights into Space,
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~~RUSSIAN, per, Priroda, No 5, 1961, pp 3-13~~
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Sci - Space Res

171, 161

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BY A. V. BORISOV, 3 PP.

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PP 65, 66.

JPRS 14250

SCI - GEOPHYS
JUN 62

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(DC-6555)

The Beginning of a New Era in the Study of Space,
by V. G. Fesenkov, 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.
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NASA TT F-8881

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

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(SF-1930)

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

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JPRS 4872

FE - China

Geog

Sep 61

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The Historic Achievement, by M. V
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RUSSIAN, per, Priroda, No 7, 1961,
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JPRS 10931

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(NY-6702)

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*JPRS

Sci - Med
Sep 61

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JPRS 11543

Sci - Phys

Jan 62

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Sender and Satellites, by V. N. Ruzh, A. N.
Sokolov, 19 pp.

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JPRS 8320

Sci - Geophys
Space Res
Oct 61

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(EX-66)

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

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JPRS 10547

Sci - Biol
Nov 61

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An Important Historical Document, by L. A.
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Sci. - Geophys
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AN OUTSTANDING SCIENTIFIC EXPERIMENT, BY
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FTD-TT-62-653

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AUG 62

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

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ALL RTS 2173

Sci - Biol & Med Sci
May 63

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Chemistry and Cosmic Flights, by Ye. M. Rauchkin,
7 pp.

RUSSIAN, per, Priroda, 8 Aug 1961, pp 16-21.

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JPRS 11587

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Sci - Russ, Chem

Jan 62

118, 437

(DC-6516)

TOWARDS THE SOLUTION OF THE VENUS RIDDLE,
BY D. M. MATYNOV.
17 PP.

RUSSIAN, PER, PERIODA, NO 9, 1964,
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JPRS 12131

SCI - ASTRONOMY
FEB 62

Sci. Amer.
180, 649

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

RUSSIAN, per, Priroda, No 9, 1961.
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JPRS 11610

Sci - Chem

173,916

Jan 62

(SF-2063)

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

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JPRS 11706

Sci - Med

Jan 62

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(NY-6502)

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

RUSSIAN, per, Priroda, No 10, 1961,
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JPRS 13126

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Apr 62

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

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FTD-TT-61-217

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DRB/T 366R92, 679

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OTS - 62 - 14557

Human Physiology and Outer Space, by
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Sci - Space Res

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Magnetohydrodynamic Generators, by A. E. Sheindlin,
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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)

TT-63-24342

- 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.

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JPRS 13326

Sci-Electron

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

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JPRS 12915

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Mar 62

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Ferrocene, by N. A. Kochetkova,
N. B. Materikova, 5 pp.
RUSSIAN, per, Priroda, No 11, 1961,
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Sep 68

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Stromatoliths, Indicators of Migration
of the Poles, by A. G. Vologdin.
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pp 102-103.
DRB Canada T.396.R

Sci/Agri
Aug 65

288,693

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

Sci/Earth Sci
Aug 65

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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.

DESCRIPTORES: *Cancer, *Biochemistry, Neoplasms,
Growth, Medical research, Cells (Biology), Genetics,
Mutations, Desoxyribonucleic acids.

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

TT-63-24482

- I. Shapot, V. S.
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Societies for Experimental
Biology, Washington, D. C.
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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/EPL

Sci - Electron

20 Jul 62

(SF-1879)

RARE EARTH ELEMENTS, BY B. I. KOXIAN, 13 PP.

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JPRS 13623

SCI - MIN/MET
MAY 62

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(NY-7087)

SCIENCE AND SCIENCE FICTION, BY I. A. YEFREMOV,
12 PP.

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JPRS 13994

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JUN 62

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(NY-6502)

Thermoregulation in Bats, by K. P.
Ivanov, 7 pp.

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JPRS 13494

Sci - Biol

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Apr 62

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PARADOXES OF ADAPTATION, BY V. L. RYZHKOV,
12 PP.

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JPRS 13563

SCI - MED
MAY 62

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Space Flights and Radiation Danger, by I. A.
Savenko, N. F. Pisarenko, et al.
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June 62

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SEA), BY A. A. DREYER, 4 PP.

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JPRS 14817

SCI - GEOPHYSICS

AUG 62

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Cosmic Velocities and the Resistance of
Media. New Theories and Chemical
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Polrovskiy, 7 pp.
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