

Super-High Pressure Physics, by L. F.
Vereshchagin. UNCLASSIFIED

RUSSIAN, per, Priroda, No 6, 1957, pp 3-8.

Navy Tr 1937/T-26
Co-Op Tr Bohema 517

Sci - Phys
Dec 58

78,054

Effect of Compression on the Properties of
Dehydrogenation and Dehydration Catalysts, by
L. F. Vereshchagin, L. Kh. Freidlin, I. V. Kumanov,
S. G. Kulikov, 6 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, USSR, Jan/Feb 1954, pp 154-161. CIA D 151104

Consultants Bureau

Scientific - Chemistry

CTS 66/Mar 55

21,855

Study of the Effect of Pressure on the Polycondensation of the Methyl Ester of Glycine, by A. M. Polyakova, L. F. Vereshchagin, A. A. Sakharova, E. S. Tambovtseva, 5 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, USSR, Jan/Feb 1954, pp 142-148. CIA D 151104

Consultants Bureau

Scientific - Chemistry CTS 66/Mar 55

21,853

Nikolai Dmitrievich Zelinsky (obituary),
by L. F. Vereshchagin, 4 pp. UNCLASSIFIED

RUSSIAN, bino per, ~~Kolloid~~ Kolloid Zhur,
Vol XV, No 6, 1953, pp 401-403.

Consultants Bureau

~~Scientific - Chemistry~~
USSR - Biographic 17,839

X-ray Studies of Matter at Pressures to 30,000
Atmospheres, by L. F. Vereshchagin, I. V.
Brandt, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CVIII, No 3, 1956, pp 423-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 3

51,584

Sci - Phys
Aug 57

Variation of Electrical Resistance of
Praseodmium, Dysprosium, Erbium, and
Ytterbium under Pressures up to 250,000 kg/cm²,
by L. F. Vereshchagin, A. A. Semerchan, S. V.
Popova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
no 3, 1961, pp 585-586.

AIP
Sov Phys - Dok
Vol VI, No 7

Sci

Feb 62

854
182, ~~185~~

Some Investigations on a Water Jet Flowing Out of
a Nozzle Under Pressure up to 2000 Atmospheres, by
L. P. Vereshchagin, A. A. Semerchan, F. M. Filler,
UNCL.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 1, 1957, pp 57-60.

DSIR/32796/CT

Sci Mus Lib 58/109

Sci - Phys
Feb 59

81,425

On the Discontinuity in the Velocity of a Water
Jet, by L. F. Vereshchagin, A. A. Semerchan,
F. M. Filler, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 2,
1958, pp 433-.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 2

Sci - Phys
Dec 58

66,607

61-22103

Vereshchagin, L. F., Ryabinin, Yu. N. and others.
GROWTH OF METAL SINGLE CRYSTALS UNDER
HIGH HYDROSTATIC PRESSURE. [1961] 4p. 20 refs.
Order from MDF \$3.00 MDF V-154

Trans. of A[kademiya] N[auk] SSSR. Doklady, 1960,
v. 135, no. 1, p. 45-47.

1. Single crystals--Growth
2. Metallic crystals--Growth
- I. Vereshchagin, L. F.
- II. Ryabinin, Yu. N.
- III. MDF V-154
- IV. Friedman, Morris D.,
Inc., West Newton, Mass.

Office of Technical Services

Physics--Solid State, TT, v. 5, no. 11)

61-18886

Vereshchagin, L. F. and Preobrazhenskii, V. A.
CHEMICAL REACTIONS AT HIGH TEMPERATURES
AND PRESSURES. III. EQUIPMENT FOR OXIDATION
WITH OXYGEN UNDER PRESSURES UP TO 1,500
ATMOSPHERES: STUDY OF THE METHOD OF OXI-
DATION OF ORGANIC COMPOUNDS. [1961] 5p.
10 refs.

Order from OTS or SLA \$1.10 61-18886

Trans. of Akademiya Nauk SSSR. Otdelenie Khimi-
cheskikh Nauk. Izvestiya, 1945, p. 359-363.

DESCRIPTORS: *Cyclohexenes, Oxidation, Chemical
reactions, Temperature, Pressure, *Oxygen, Labo-
ratory equipment, Organic compounds.

Equipment was designed with which oxygen pressures
of up to 1500 atm can be reached. With the aid of this
apparatus some experiments of oxidation of cyclo-

(Chemistry--Organic, TT, v. 6, no. 11) (over)

I. Vereshchagin, L. F.
II. Preobrazhenskii, V. A.
III. Title: Equipment...
IV. Title: Study...

Office of Technical Services

hexene at different temperatures were carried out. The temperature at which freshly distilled cyclohexene explodes reaches 150°, and this temperature may be lower when the amount of the starting material is higher or if it is left in contact with oxygen of the air for a long time. This phenomenon is apparently due to accumulation of peroxides accelerating the oxidation. (Author)

PB-

61-18886

explosive decomposition of cyclopentadiene was studied. This effect was found to be due to thermal explosion resulting from the heat of dimerization. Decomposition of cyclopentadiene and cyclohexadiene under the action of a shock wave produced by a detonator with a capsule with 1.1 g tetryl was similar in character. The presence of the dimer in the cyclopentadiene monomer retards the explosive decomposition and requires an increase in the critical pressure. The pure dimer is incapable of undergoing an explosive decomposition, even under very high pressure produced by a shock wave from a detonator. The explosive decomposition can be interrupted even after its initiation by a sudden drop in pressure below the critical value. This appears to be an example of interruption of a chain reaction by change of pressure. (Author)

PB-

61-18892

(DC-6352)

Progress in the Synthesis of Alkylpyridines, by
L. I. Vereshchagin, I. L. Kotlyarevskiy, 37 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXX, No 8, 1961,
pp 982-1012.

JPRS 12234

Sci - Chem
Feb 62

182,286

Synthesis of pyridine Bases from 1-Buten-3-Yne.
Communication 3. Catalytic Synthesis of 6-t-
Buty- and 6-Aryl-2-Picolines, by L. I.
Vereshchagin, I. L. Kotlyarevskiy, 4 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 8, 1960, pp 1440-1444.

CB

Sci

169, 420

Sep 61

Synthesis of Pyridine Bases from Vinylacetylene.
Communication 4. Condensation of Secondary
Vinylethynylcarbinols with Ammonia, by I. L.
Kotlyarevskiy, L. I. Vereshchagin, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1960, pp 1629-1631.

CB

Sci

172, 204

Oct 61

Synthesis of Pyridine Bases from Vinylacetylene.
Communication 5. Condensation of Ketones with
Methyl Vinyl Ketone and Ammonia, by L. I.
Vereshchagin; I. L. Kotlyarevskiy, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1960, pp 1632-1636.

CB

Sci

172,206

Oct 61

Synthesis of Pyridine Bases from 1-Buten-3-Yne.
Communication 2. Preparation of Collidines, by
I. L. Kotlyarevskiy, L. I. Vereshchagin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1960, pp 1272-1278.

CB

165, 853

Sol
Sep 61

Preparation of Pyridine Bases by the Reaction of
Dimenthylvinylethynylcarbinol With Ammonia, by I. L.
Kotlyarevskiy, L. I. Vereshchagin, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4,
1959, pp 715-720.

CB

Sci -
May 61

152, 748

48
The Fauna of the Caucasus, A History of the
Evolution of the Fauna, by N. K. Vereshchagin.
RUSSIAN, bk. Ilekopitayuchchie Kavkaza, Istoriya
formirovaniya fauny, 1959.
CFSTI TT 66-51143

Sci/Bio
Mar 68

351,004

N. K. Vereshchagin

Data for the Study of Fatigue Processes Under Static
Stress, by N. K. Vereshchagin, V. V. Rozenblat,
18 pp.

RUSSIAN, par, Fiziol Nernvnykh Protessov, 1955, pp
377-388.

SLA R-3558

Sci

Aug 59

95,073

(FDD 28461)

Data for the Study of Fatigue Processes Under
Static Stress, by H. K. Vereshchagin, V. V. Rozenblat,
18 pp.

RUSSIAN, bk, Fiziologiya Nervnykh Protssessov, Kiev,
1955, pp EXX 377-388.

NIH 3-54a
CIA/FDD U-9076

USSR
Sci - Medicine, physiology
Oct 56

41,307

(NY-52077)

The Installation of Cable Entrances in
Repeater Offices, by N. K. Vereshchagin,
V. G. Gorelov, 3 pp.

RUSSIAN, per, Vestnik Svyazi, No 9, 1957.

JPRS 7032

168,075

Sci

The Effects of Static Efforts on Bodily Functions, by N. K. Vereshchagin, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova, Vol XLIII, No 7, 1957, pp 699-704.

Pergamon Institute

Sci - Physics
Jul 58

66,581

Establishment of the Nutria (Myocastor Coypus
Mol) in West Georgia, by N. K. Vereshchagin.

RUSSIAN, per, Trudy Zool. Inst Ak Nauk RSSG,
Vol IV, 1941, pp 3-42.

US Dept of Interior
Tr No 166

USSR

Scientific - Biology

Dec 54 CIB

19,801

(SF-1878)

Aleksey Alekseyevich Smirnov, by Yu. V. Bukin, N. M. Bykov, N. P. Vereshchagina, 4 pp.

RUSSIAN, per, Arkhiv Anatomii, Gistologii i Embriologii, Vol XL, No 2, 1961, pp 126-127.

JPRS 4869

USSR

167,729

Bio

Sep 61

The Physiological Effects of γ -aminobutyric Acid
by S. N. Vereshchagin, I. A. Cytinskiy, 7 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M.
Sechenova, Vol XLVI, No 10, 1960, pp 1287-1292.

FP

Sci
Apr 61

149,781

(NY-3000)

The DT-60 Tractor, by V. Vereyutin, V. Vereshchagin,
B. Klaz, Yu. Balyuba, 7 pp.

RUSSIAN, per, Tekh v Sel'skoe Khoz, No 5, 1961,
pp 46-48.

JPRS 9937

164,036

USSR

Econ

Aug 61

Rebuilding the KVK-3 and KV-1 Transmitter Types,
by V. I. Vereshchagin, N. N. Molchanov, 7 pp.
(AF 654372)

RUSSIAN, per, Vestnik Svyazi, No 1, 1955, pp 29-30.

ATIC F-ES-8535/V

Sci - Electronics, Engineering

USSR - Economic

Apr 56

33, 223

Hauterivian and Barremian in the Far East, by
V. N. Vereshchagin. 5 pp.
RUSSIAN, per, Sovetskaya Geologiya, Vol 5, No 8,
1962, pp 33-39.
AGI in International Geology Review Vol 6, No 4,
pp 639-643.

V. N. Vereshchagin

Sci/Narth Sci
May 67

326,776

Stratigraphy of the Upper Cretaceous of the
Kamchatka-Anadyr Region, by V. N. Vereshchagin,
A. F. Mikhailov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 3,
1957, pp 470-473.

Consultants Bureau

Sci - Geophysics

Oct 58

75, 259

(NY-5223)

The Observation of Modulation and Amplitude
Characteristics, by Ye. M. Vereshchagin,
7 pp.

RUSSIAN, per, Vestnik Svyazi, No 9, 1965.

JPRS 7092

Sci

Apr 61

146,862

a Supersonic Gas Flow, by L. I. Vereshchagina, 6 pp.

RUSSIAN, per, Vest Leningrad Univ, No 13, 1963,
pp 139-143.

CIA/FDD X-5272

Sci - Physics
Inc 63
FOR OFFICIAL USE ONLY

243,578

Cyclic Isomers of Acylhydrazones of α, β -Unsaturated
Ketones and Their Tuberculostatic Properties, by
I. Ya. Postovsky, R. H. Vereshchagina, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XI,
No 5, pp 802-804. Sep/Oct 1956

ATS RJ-695
Consultants Bureau

Sci - Chem

56, 673

Doc 57

Synthesis of 3- and 3,5-Substituted Thiadiazoles
1,2,4, by I. Ya. Postovskiy, N. N. Voroshchagin)
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,
1959, pp 2139-2142.

CB

Sci

Aug 60

124,670

A. T. S. Heterocyclic Compounds Prepared From
Hydrazides. I. 1, 3, 4-Triazole-5-Thiones, by
I. Ya. Postovskiy, N. N. Vereshchagina, 6 pp.

RUSSIAN, per, Zhur Obsheei Khim, Vol XXVI, No 9,
1956, pp 2583-2588.

Associated Technical Service RJ-673

TR 56H13R

Sci - Chemistry
Oct 57

54, 488

Heterocyclic Compounds Prepared From Hydrazides. II.
2, 5-Substituted 1, 3, 4-Thiadiazoles, by N. N.
Vereshchagina, T. S. Ya. Postovskiy, 4 pp.

RUSSIAN, per, Zhur Obshchoi Khim, Vol XXVI, No 9,
1956, pp 2588-2592. (62H132)

Assoc Tech Sv RJ - 674

Sci - Chemistry
Oct 57

54,426

Sex Determination of Fetus by Changes of the
Morphological Composition of Maternal Blood,
by I. A. Vereschagini, 14 p.

RUSSIAN, per, Sovetskaya Meditsina, 1959, Vol XVIII,
No 5, pp 28-34.

SLA 59-20716

Sci
Mar 60
Vol 3, No 1

110,820

Properly Heated Ingot - Guarantee of Successful
Mill Operation, by I. D. Vareschchak, 3 pp.

RUSSIAN, per, Metallurg, No 10, 1957, pp 18, ¹⁹29.

Consultants Bureau

Sci - Min/Met

Oct 58

74, 500

31

Effect of Cortisone and Acth on the Catechi-
animine Content and Metabolism in the Heart
and Adrenal Glands of Rars, by
E. P. Vereshchakova, 7 pp.
RUSSIAN, per, Voprosy Endokrinolog i Gormonterap ,
Vol X, No 3, May, Jun 64 pp 62-6865.
JPRS 25279

Sci - Med
Jul 64

262,649

(NY-4341)

Experimental Investigation of the Space Pulsations
in the Decimeter Wave Two Wire Line, by T. A.
Vereshchakova, V. V. Tyazhelov, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MVO,
Ser Radiotekh, Vol II, No 2, Mar/Apr 1959.

JPRS 5950

Sci - Electron

Nov 60

131, 703

Falsifications Again by V. Vereshchetin, F.
Kovalev, 5 pp. FOR OFFICIAL USE ONLY

RUSSIAN, per, Aviatziya i Kosmonavtika, No 2,
1963, 9687213-V

FTD-ST-63-2

Sci - Aero

Oct 63

241-198

Putting Space at the Service of Mankind, by V. Vereshchetin,
6 pp. FOR OFFICIAL USE ONLY

RUSSIAN, per, Aviatsiya i Kosmonavtika, No 8, 1962.
9669060

FTD-ST-62-8

Sci
Aug
1963

342,954

Electric Conductivity, Viscosity and Density
of the Fused Binary Salt Systems With a Simple
Eutectic, by I. P. Vereshchetina, N. P.
Luzhaja, 33 pp.

RUSSIAN, per, Iz Sektora Fiz Khim Anal Inst
Obshch Neorg Khim Ak Nauk SSSR, Vol XIX, 1949,
pp 188-207.

SUB. 157
AEC Tr 2423

33,261

Sci - Chemistry, Electricity

Apr 56

Melting Points in the System of Chlorides and
Sulfates of Sodium, Potassium and Zinc, by N. P.
Lushnaya, I. P. Vereshchetina, 14 pp.

RUSSIAN, per, Zhur Prikl Khim^m, Vol XXII, No 9, 1949,
pp 952-964.

ATB-RJ10

Sci

Aug 59

93,543

VERESHCHETINA, I. P.

LUZHNAYA, N. P.

The Specific Gravities of Molten Salts in Systems of
Congruently Fusing compounds. 4-Pages

Russian, Zhur Prik Khim, Vol XXIV, No. 2, Feb 1951.

Consultants Bureau Translation

A-7350

VERESHCHETINA, I. P.

Melting Points in the System of Chlorides and Sulfates of Sodium, Potassium and Zinc, N. P. Lushnaya, I. P. Vereshchetina, Zhur Erik Khim, USSR, 22, No 9, 952 - 964, 1949. Approx 3900 words; 7 tables; 12 figures. Price \$12.50 (\$2.50)

Assocd Services
New Jersey

RJ-10

A-7351

A Method of Storing Isolated Chloroplasts Without
Altering Their Photochemical Activity, by E. V.
Verezhinski. VERESHCHINSKIY

Full translation.

RUSSIAE, per, Akademi Nauk USSR, Biochemia, Vol 16,
4th ed, 1951, pp 350, 351.

AEC Tr 1232

Scientific - Biology

A-12530

112
Trends in the Development of Radiation Chemistry,
by I. V. Vereshchinskiy, P. I. Dolin, 4 pp.
RUSSIAN, per. Vestnik Akademii Nauk SSSR, No 1,
1961, pp 116-119.

ACSI J-3969
ID 2204060567

Sci-Nucl Sci
Feb 68

349.205

Vereshchinskiy

The Effects of External Radiation on the Isotopic
Exchange of Sulfur in the $K_2SO_4-SO_3$ System at
High Temperature, by V. I. Spitsyn, I. E.
Mikhaylenko, I. V. Vereshchinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI,
No 2, pp 1960, pp 360-363.

CB

149,751

Sci

Apr 61

Introduction to Radiation Chemistry, by I. V. Veresh-
chinski and A. K. Pikaev, 340 p.
RUSSIAN, mono, Vvedenie v Radiatsionnuyu Khimiyu,
1963.
IPST-2102

I. V. Vereshchinski

Sci-Chem
Jun 66

303,720

Effect of Ultra-Violet Rays on Photo-Chemical
Activity of Chloroplasts, by I. V. Vereshchinskiy,
A. A. Krasnovskiy, 17 pp.

RUSSIAN, per, Biokhimiya, Vol XVI, No 6, 1951,
pp 621-626.

Sci Tr Center NT-2147

Scientific - Chemistry
Apr 55 CTS

22,804

†
Radiation Chemistry, by I. V. Vereshchinskiy,
48 pp. UNCLASSIFIED

RUSSIAN, per, Uspek Khim, Vol XK, 1951, pp 288-309.

AT-2300.

~~142~~ AEC Tr 1912

Scientific - Chemistry

15, 141

A Study of the Decoloration of Methylene Blue Under
the Influence of Roentgen Rays, by I. I. Shekhtman,
A.A. Krasnovskii, and I. V. Vereschinskii.

Full translation.

RUSSIAN, poz. Dok. Akad. Nauk SSSR, Vol LXXIV, No 4,
pp 767-779, 1950.

AEC Tr 1215

Scientific - Chemistry

A-6117

Toxicity of the Leaves of *Salix glauca*,
by F. A. Vereshchako. URCL

RUSSIAE, par, Apteknoye Delo, No 2, 1958,
pp 31-33.

NR 111 FEB 1979

(5s. ca.)

Sci - Biol
Nov 59

100, 756

The Mammals of the Caacasus, by N. K. Veresho-
hagin
RUSSIAN, bk, 816 pp.
NLL REF: 4583.9 IPST 1704

N. K. Vereshohagin

383,397

July 69

~~348,397~~

(NY-6503)

The International Contacts of the Central
Scientific Medical Library, by I. N.
Vereskov, 7 pp.

RUSSIAN, per, Sovet Zdravookhraneniya,
Vol XX, No 11, pp 39-43.

JPRS 12996

USSR
Econ
Mar 62

189,466

Congress Speech, by Verges.

RUSSIAN, np, Pravda, 30 Oct 1961.

FBIS Wire

USSR

Pol

30 Nov 61

J-1931

How the PCF Trains Its Militants -- The Case of
Mr. Jacques Vergès, 14 pp.

FRENCH, per, Est & Ouest, Vol VIII, No 179,
1956, pp 618.

a

JPRS/DC-11135/SPECIAL

EUR ' France
Feb 65
Pol

INF
32

UNSCREENING OF IMAGES FOR OPTIMUM VISUAL
INFORMATION, BY J. SURGET, C. VERET, 9 PP.

FRENCH, PAPER, LE DETRANAGE DES IMAGES COMME
PROCEDE D'UTILISATION OPTIMALE DES INFORMATIONS,
JUL 1962, PP 1-13.

JPRS 16539

EEUSCI - AERO

DEC 62

218,33033

An Exchange of Views on the Personality Cult, by
Michel Verot, 67 pp.
FRENCH, per, La Nouvelle Critique, No 151, Dec 1963, pp 3-70.

JFBS 23340

CHER WE-France
Pol
Mar 64

251, 483

Some Results of Study of the Infection of
Ixodes Ticks With Encephalitis Virus in
Southern Districts of the Khabarovsk Region,
by L. A. Vereta, L. M. Sushkinz, 5 pp.

RUSSIAN, per, Vopr Virusol, Vol V, No 3,
1960, pp 292-297

Sci

Apr 61

PPP

157, 317

Study of tick-borne encephalitis of alimentary origin in
the Khabarovsk region, by L. A. Vereta, V. M. Kanter,
pp.

Russian, per, Voprosy Virusolog, Vol V, No 2, 1950,
pp 199-203.

PP

Sci

Jan 61

136,312

Delayed Coincidence Measurement of γ -Ray Time
Distribution in Wood, by A. I. Veretennikov, V. Ya.
Averchenkov, 4 pp.

RUSSIAN, per, Atom Energ, Vol XI, No 2, 1961,
pp 177-180.

CB

Sci

Jul 62

204,348

Amplifying Attachment for Oscillography of Short
Pulses, by A. I. Varetennikov, V. Ya. Iverchenkov,
A. G. Egorov. 5 pp.

RUSSIAN, per Priboiy i Tekh Ekspert,
No. 2, 1961, pp. 104-109

IAS

191,889

Sci

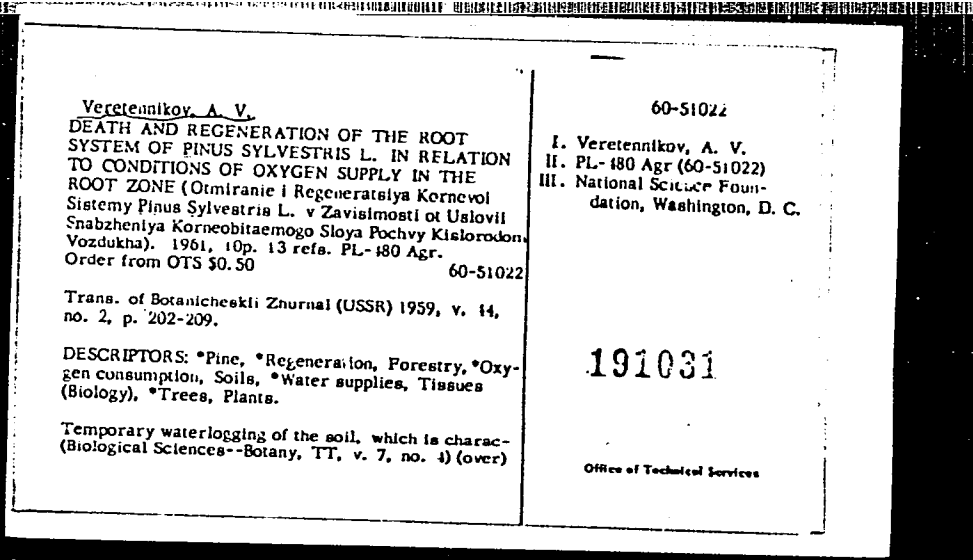
Mar 62

A Gamma-Ray Spectrometer with an Organic Scintillator:
Time-Selection of Gamma Rays, by A. I. Veretennikov,
V. Ya. Averchenkov, N. V. Savin, 5 pp.

RUSSIAN, per Priboiy i Tekh Eksp, 1961,
No. 2, 1961, pp. 42-46

ISA

191,877



Veretennikov, A. V.
DEATH AND REGENERATION OF THE ROOT
SYSTEM OF PINUS SYLVESTRIS L. IN RELATION
TO CONDITIONS OF OXYGEN SUPPLY IN THE
ROOT ZONE (Otmiranie i Regeneratsiya Kornevoi
Sistemy Pinus Sylvestris L. v Zavisimosti ot Uslovii
Snabzheniya Korneobitaemogo Sloya Pochvy Kislorodom
Vozdukh). 1961, 10p. 13 refs. PL-480 Agr.
Order from OTS \$0.50

60-51022

Trans. of Botanicheskii Zhurnal (USSR) 1959, v. 44,
no. 2, p. 202-209.

DESCRIPTORS: *Pine, *Regeneration, Forestry, *Oxy-
gen consumption, Soils, *Water supplies, Tissues
(Biology), *Trees, Plants.

Temporary waterlogging of the soil, which is charac-
(Biological Sciences--Botany, TT, v. 7, no. 4) (over)

60-51022

- I. Veretennikov, A. V.
- II. PL-480 Agr (60-51022)
- III. National Science Founda-
tion, Washington, D. C.

191031

Office of Technical Services

35

The Effect of Water Logging of Soil on Transpiration
Capacity of Trees, by A. V. Veretennikov, 5 pp.
RUSSIAN, per. Vliyaniya isbrtochnogo-uvlazhneniya
pochy na transpiratsionnyuyu sposobnost' drevnykh
rasteni. — Fiziologiya Rasteni. Vol II, No 2,
1964, pp 274-278.
*CSFTI IT 68-50419

Sci/Agri
Feb 68

A. V. Veretennikov

Adaptation of a Photometer for the Determination
of the Active Surface of Root Tips in Pine
Trees, by A. V. Veretennikov, 4 pp.

RUSSIAN, per, Fiziol Rast, Vol IV, No 6, 1957,
pp 566-569.

Amer Inst of Biol Sci

Sci - Biol

Sep 58

71,900

3
Saving Labor in Chemical Machinebuilding, by
V. Yermolenko, 7 pp.
RUSSIAN, per, *Sovetskikh Trud*, No 2 1, 1964,
pp 22-24.
JPRS 24185

USSR
Ecom
Apr 64

254,750

Mechanised oxygen cutting of diesel locomotive
components

By L. D. Veretnik pp 6

RUSSIAN, per, Svaroch Proiz, No 7, 1962, pp 18-20

BWRA

Sci

340, 605

Jul 63

The heat treatment of welded diesel locomotive
cylinder blocks

By L. D. Veretnik, A. E. Asnis, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 10, 1962, p1762

BwRA

Sci

Aug 63

342,456

Experience of Mechanised Welding in the Production of
Diesel Engines for Locomotives, by L. D. Veretnik, 5 pp.
RUSSIAN, per, Avtomat Svarka, No 8, 1960, pp 72.

EWRA

165,254

Sci

Aug 61

Straightening of Weldments by Local Heating, by
L. D. Veretnik, 9 pp.

RUSSIAN, per; Svaroch Profiz, No 5, 1959, pp 37-39

British Welding Res Assoc

Sci

Aug 60

123,729

Loadbearing Welded TE-10 Diesel Locomotive
Body, by L. D. Veretnik, V. E. Chekulayev,
5 pp.

RUSSIAN, par, Svaroch Froiz, No 9, 1959, pp 33-34.

British Welding Res Assoc

Sci
Aug 60

122,083

Analyseur en Temps a Vingt Canaux Pour la Selection
de Neutrons Rapides en Fonction du Temps de Transit,
(20-Channel Time Analyzer for Selection of Fast Neutrons
as a Function of Transit Time), by A. I. Verstanikov, V.
Ya. Averchenyov, 19 pp.

RUSSIAN to FRENCH, per, Pribery i Tekh Eksper, No 3,
1958, pp 48-53.

Reverse Trans
CEA Tr-R-1156

Sci
Jun 61

Synthesis of Azoferrocene and Its Reduction and
E Behavior Under Conditions of the Benzidine Rearrange-
ment, by E. G. Verevalova, A. N. Nesmeyanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII, No 5,
1961, pp 1118-1121.

CB

Sci

May 62

195,210

Utilization of Resources in the Far East, by A. Verevkin,
8 pp.

RUSSIAN, per, Plan Khos, No 9, 1963, pp 72-76.

JPRS 21106

USSR
Econ
Dec 63

243,741

UTILIZE THE RESOURCES OF THE FAR EAST, BY A. VEREWHIN
6 PP.

RUSSIAN, PER, PLAN KHIZ, NO 9, 1963, PP 72-73.

JPRS 21693

USSR
ECON
NOV 63

210,711

An Automatic Ultrasonic Immersion Defectoscope,
by V. M. Verevkin, K. V. Zharkov, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 4, 1959,
pp 475-476.

Instru Soc of Amer

Sci

Jun 60

118,021

EFFECT OF A CONSTANT MAGNETIC FIELD OF CONDITIONED
REFLEXES IN MARINE FISH, BY YU. A. KHOLODOV,
G. L. VEREVKINA, 8 PP.

RUSSIAN, PER, BIOLOGIYA BELOGO MORYA, VOL 1,
1962, PP 248-255.

JPRS 15377

SCI & BIOLOGY

OCT 62

212,163

EFFECT OF CF

Conditioned Motor Chain Reflexes in Monkeys, by
G. I. Shirkova, G. L. Verevkins, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXKKIII,
No 3, 1960, pp 730-733.

AIBS

Sci

Apr 61

149,220

Conditioned Motor Chain Reflexes in Monkeys, by
G. I. Shirkova, G. L. Verevkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 730-733.

AIBS

Sci

Apr 61

149,220

The Inhibition of Asparaginase from the Blood Serum
of Guinea Pigs, by M. I. Lerman and I. V. Verevkina,
p 5

RUSSIAN, per, Blokhin, Vol XVII, No 3, 1962,
pp 526 - 531

CB

340,304

Sci

Jul 63

(FDD 25788)

The Replacement of the Crystalline Lens of
Tailless Amphibians by Laval Skin, by V. H.
Vereyskaya, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 4, Moscow, 1954, pp 649-652.

CIA/FDD/U-7389
RT-4085

USSR'
Sci - Biology, biochemistry
CTS 73 Oct 55

29, 160

reference work on indicators of lithologic composition, surface deposits and depth of occurrence of ground waters, by N. G. Veroy'skogo, S. A. Vostokovoi, 264 p. RUSSIAN, bk, Spravochnik-opredelitel' litologicheskogo sostava povorkhnostnykh otlozheniy i glubiny zaleganiya podzemnykh vod. *CIBSI TT 66-51134

N. G. VEREY'skogo

USSR
Sci/Earth Sci
Jan 66

DT-60

The DT-60 Tractor, by V. Verayutin, V. Vereshchagin,
B. Klaz, Yu. Balyuba, 7 pp.

RUSSIAN, per, Tekh v Sel'skom Khoz, No 5, 1961,
pp 46-48.

JPRS 9937

164,036

USSR

Econ

Aug 61

Assembly and Adjustment of Floated-Type Gyroscopes
by V. A. Verezentsev, 6 pp. ~~SECRET~~

RUSSIAN, per, Aviatzionnaya Prom, No 5, 1958,
pp 58, 59.

F-75-10223

ATIC ~~MCI-917/111~~

Sci - Engr

Aug 60

123,826

A Soluble Antigen of Haemophilus Pertussis for
Active Immunization,
by B. L. Palant, P. M. Mitel'man, L. G. Verezub,
5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol Immunobiol,
Vol XXXI, No 8, 1960, pp 57-60,

PP

164,149

Sci

Aug 61

An Ultrasonic Method of Producing Chip Breakers, by
V. N. Verezub, A. E. Potapenko, et al, 7 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved ~~XXXX~~ Mash,
No 8, 1960, pp 115-119, 9679786

FTD-TT-62-1266

Sci-Phys
Mar 63

22⁴905

Investigation on Ultrasonic Method of Tool
Grinding, by V. N. Verezub, A. E. Potapenko,
3 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLI, No 3,
1961, pp 67-69.

PERA

Sci

201,560

Jun 62

Pyridoxine in the Pathogenesis and Treatment of
of Psychiatric and Neurologic Diseases, by
G. Verga, 23 pp.
ITALIAN, per, Acta Vitaminologica, 1963,
v 17, no 6, pp 239-254.
SLA TT 64-18067

G. Verga

Jul 66

305,418

Studies on the Relationship Between the Serum
Proteins and Lymphocytopoiesis, Under the Effect
of X-Rays, on Experimental Animals Under
Radiation and on Those With Small Cancers Treated
With Ionized Radiation, by L. Verga, F. Ceccourde,
18 pp.

ITALIAN, per, Minerva Medica, Vol LII, No 83,
1961, pp 3550-3555.

Navy Tr 3621/NHS 819

Sci - Biol & Med
Dec 63

243, 973

Studies on Lymphocytic Polysaccharide and
Glycoprotein Content in Patients Undergoing
Roentgen Therapy, by L. Verga, 6 pp.

ITALIAN, per, Bollettino della Societa
Italiana di Biologia Sperimentale, Vol. XXVII,
1961, pp 101-103.

Navy Tr 3587/ENS 816

Sci - Biol & Med
Oct 63

345, 196

Studies on Lymphocytic Polysaccharide and
Serum Glycoproteins on Guinea Pigs Under
Sublethal Total Irradiation, by L. Verga, 6 pp.

ITALIAN, per, Bollettino della Societa Italiana
di Biologia Sperimentale, Vol XXXVII, 1961,
pp 104-106.

Navy Tr 3630/NMS 818

Sci - Biol & Med
Dec 63

244, 109

Sandino City, by Amneris Vergani, 7 pp. 42
SPANISH, par, Arquitectura Cuba, No 334,
pp. 1-12.
JPRS 35308

AMNERIS VERGANI

LA-Cuba
Econ
May 66

300,111