

Results of ~~X~~ X-Ray Structural Investigations of Certain Complex Ammines of Bivalent Copper, by M.A. Porai-Koshits, M. Bukovska, 5 pp.

RUSSIAN, per, Zhur ~~Strukturalnoi~~ Strukturnoi Khim, Vol III, No 1, 1962, pp 38-43.

CB

Sci

Aug 62

213,308

Structures of Molecular Crystals. I. Graphical  
Determination of the Close-Packed Arrays of  
Figures in a Plane, by P. M. Zorkiy,  
M. A. Boray-Koshits, 5 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 5,  
1961, pp 655-661.

AIP  
Sov Phys - Crystall  
Vol VI, No 5

203,940

Synthesis and Properties of Certain Benzimidazole  
Derivatives. I. Reaction of 1,2,4-Triaminobenzene  
With Carboxylic Acids, by B. A. Porai-Koshits,  
G. M. Kharikharova, 7 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 9,  
Sep 1954, pp 1651-1658. CIA C 42159.

Consultants Bureau

Sci - Chemistry

35,183

Jun 1956/Dax

Physico-Chemical Properties of Hydrophobic Dyestuffs.  
III. Dyestuff Solubilities in Certain Organic Solvents,  
by E. A. Veller, B. A. Poray-Koshits, 6 pp.

Full tr

RUSSIAN, in per, Zhur Prii Khim, Vol XXVIII, No 8,  
1955, pp 857-863. CIA C 42517

35,757

Consultants Bureau

Scientific - Chemistry  
Jun 56/dex

Synthesis of Certain Aromatic Amines Having Trifluoromethyl Groupings and Investigation of Their Possible Application in Cold Dyeing, by A. E. Poray-Koshits, B. A. Poray-Koshits, L. S. Efros, M. I. Krylova, D. A. Livshits, K. Yu. Maryanovskaya, I. P. Aleksandrova, N. E. Ulman, 8 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 9, 1955, pp 969-975. CIA C 42516

35,774

Consultants Bureau

Scientific - Chemistry  
Jun 56/dex

Sci/Chem

C

Investigations in the Field of Imidazole Derivatives.  
II. The Synthesis of Several New Phenyl and Alkphenyl  
Derivatives of Benzimidazole, by B. A. Poray-Koshits, L.  
S. Efros, O. F. Ginzburg, 8 pp.

RUSSIAN, no per, Zhur Obschch Khim, Vol XIX, No 8, Aug 1949.

CIA/FDD/X-394

A 2056  
Oct cts

The Absorption Spectra of Hydrophobic Dyes in  
Certain Organic Solvents, by E. A. Veller, B. A.  
Porai-Koshits, 4 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 7,  
1955, pp 750-755r      CIA C 40838

54

Consultants Bureau

31,541

Sci - Chemistry  
Mar 56 CFB/dex

Tautomeric Compounds. XIX. The Tautomerism of  
Dipyrazolonyl-m-nitrophenylmethane, by A. E.  
Porai-Koshits, B. A. Porai-Koshits, N. G. Lipina,  
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 8,  
Aug 1955, pp 1604-1609. CIA C 42156.

Consultants Bureau

Sec 1 - Chemistry

35,087

Jun 1956/Dex



Investigating Vapor-Liquid Equilibria in  
Diketene-Acetic Anhydride and Diketene-  
Acetic Acid Systems, by M. S. Dinaburg,  
B. A. Porai-Koshits, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVIII, No 5,  
May 1955, pp 548-551. CIA C 39706

28,925

Consultants Bureau

Scientific - Chemistry

Nov 55 CTS/DEX

Compliance of Dyestuffs With Bouguer's Dilution  
Law, by E. A. Veller, B. A. Porai-Koshits, 10 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVIII, No 5,  
May 1955, pp 497-506.      CIA C 39706

Consultants Bureau

28,919

Scientific - Chemistry

Nov 55 CTS/DEX

Solubility of Ketene in Acetone, by M. S. Dinaburg,  
B. A. Poray-Koshits, 3 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 6,  
Jun 1955, pp 664-667. CIA C 40324

Consultants Bureau

USSR

Scientific - Chemistry

30,132

CPS 76 Jan 1956

Imidazole Derivatives. X. Acylation of  
2-Hydroxyethylbenzimidazole and the Products  
of its Methylation, by H. A. Zakharova, B. A.  
Pobok-Koshits, I. S. Efros, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No. 7, Jul 1953, USSR, pp 1225-1229.

Consultants Bureau

Scientific - Chemistry

CSB/DEK

19, 333

Dyes With Antipyrine Nuclei, by A. Ye. Poray-  
Koshits, O. F. Ginzburg, B. A. Forsy-Koshits,  
12 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVII, No  
10, 1947, pp 1752-1757. CIA 9033490

NIR 11-9

Sci - Chem  
Cox 53

75,679

Synthesis of Benzimidazole Derivatives Containing the  
Bis( $\beta$ -chloroethyl) Amino Group. II. 2-Methyl-5-bis  
( $\beta$ -chloroethyl) Aminobenzimidazole, by O. P. Ginzburg  
B. A. Poray-Koshits, K. Yu. Mar'yanovskaya, 3 pp.

RUSSIAN, per, Zhur Oshch Khim, Vol XXX, No 2, 1960,  
pp 570-573.

CB

Recd

May 61

154, 078

The Synthesis of Benzimidazole Compounds Con-  
taining the Bis-( $\beta$ -Chloroethyl)-Amino Group,  
by O. F. Ginsburg, B. A. Porai-Koshits, M. I.  
Krylova and S. M. Lotareichik, <sup>4</sup> 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 2,  
1957, pp 411-415.

<sup>4</sup>  
X Consultants Bureau  
ATS-89J16R

Sci - Chem

Jul 58

67,235

To the Problem of the Transformations of Diazo  
Compounds. 1. The Reactions of p-Nitro-  
Diaminobenzene and the Theory of the Structure of  
Benzene Diazo compounds, by B. A. Porai-Koshits,  
I. V. Greshov. **UNCL**

1946,

**RUSSIAN**, per, Zhur Obshch Khim, Vol XVI, No 4/5,  
pp 372-382.

**DBIR Lending Library Unit M. 177**

Sci Chem  
Apr 59

85,881



Reaction of Compounds Containing Labile Hydrogen  
Atoms with Substituted Acid Anides, by  
B. A. Porai-Koshits, I. Ya. Kvitko, 5 pp.

RUSSIAN, per, Zhur Obshch Khimii, Vol XXXII,  
No 12, 1962, 4050-4055 pp.

UB

Sci  
Art 63

~~44,039~~

242,039

Azo Dyes From 1,5-Aminonaphthol and Some of Its Derivatives. II. Determination of the Structure of the Mono-Azo Dyes From 1,5-Aminonaphthol, by A. Ye. Poray-Koshits, B. A. Y. Poray-Koshits, V. V. Ferekalin, 26 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVII, No 10, 1947, pp 1758-1767. CIA 90334-91

NIK 11 S

Sci - Chem  
Oct 58

75, 680

Imidazole Derivatives. XII. Oxidation of 1,2-Naphthimidazole, by B. A. Poryva-Koshits, L. N. Kononova, I. S. Efros, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 3, USSR, Mar 1954, pp 507-512. CIA D 151317

Consultants Bureau

Scientific - Chemistry      22838      CTS 68/May 55

62-18131

Porai-Koshits, E. A.  
THE SUBMICROSCOPIC STRUCTURE OF SEVERAL  
COMPLEX GLASSES (Submikroskopische Struktur  
einiger Komplexer Gläser). [1962] [33]p. (foreign  
text included) 56 refs.  
Order from SLA \$3.60

1. Title: Vycor  
1. Porai-Koshits, E. A.

62-18131

Trans. of Glastechnische Berichte (West Germany)  
1959, v. 32, no. 11, p. 450-459.

DESCRIPTORS: \*Glass, Microstructure, \*Porous glass,  
Heat treatment, Particles, Light, Reflection, Sodium  
compounds, Boron compounds, Silicates, Microanalysis.

C227553

A long discussion between the representatives of the  
"Crystallite" theory and those of the "network" theory  
led to the concept of the "Polymeric Crystallite" struc-  
ture of single component glasses. The problem of the  
physical order in single component glasses was replaced  
by the problem of the chemical order in complex glasses.  
(Materials--Ceramics, TT, v. 9, no. 3) (over)

Office of Technical Services

X-ray Investigation of Solid Solutions  $\text{BaTiO}_3$ -  
 $\text{PbZrO}_3$ , by E. A. Poray-Koshits, et al.

RUSSIAN, no par, Zhur Tekh Fiz, Vol XXV, No 5,  
1955, pp 945.

Coop Trans Scheme Tr 223  
6a.0d.

Sci. - Chemistry, Physics

36,340

Jul 1956

The Structure of Sodium Borosilicate Glasses, by  
E. A. Poray-Koshits, 13 pp.

RUSSIAN, bk, Proceedings of a Conference on the  
Structure of Glass, Academy of Sciences USSR Press,  
Moscow-Leningrad 23-27 Nov 1953, pp 145-161.

CB

Sci - Chem

Oct 59

Concerning the Structure of Vitreous Arsenic  
Sulfur Group Compounds, by A. A. Vaipolin, E. A.  
Poray-Koshits, 157 pp *Y Pk*

RUSSIAN, per, Fizika Tverdogo Tela, Vol II, No 7,  
1960, pp ~~1656-1656~~ *pp 1656-1665*

ATP  
Sov Phys-Solid State  
Vol II, No 7

*140,843*

Sci-  
Feb 61

The Possibilities and Results of X-ray Methods for  
Investigation of Glassy Substances, by E. A.  
Poray-Koshits, 11 pp.

RUSSIAN, bk, Proceedings of a Conference on the  
Structure of Glass, Academy of Sciences USSR Press,  
Moscow-Leningrad 23-27 Nov 1953, pp 30-43. 5042311

CB

Sci - Chem

Oct 59



Structure of Sodium Borosilicate Glasses in Its  
Relation to the Phenomenon of Opalescence. Communica-  
tion 2. Investigation of the Structure of Porous  
Glasses, by S. P. Zhadanov, E. A. Porai-Koshits, D. I.  
Levin, 10 pp.

Full translation.

RUSSIAN, ~~memo per, Iz Ak. Nauk SSSR, Otdel Khim. Nauk,~~  
No 2, Mar/Apr 1955, pp 197-207. CIA D 151364

Consultants Bureau

Scientific -- Chemistry

25,955

Structure of Sodium Borosilicate in Its Relation to  
the Phenomenon of Opalescence, Communication I.  
Investigation of the Opalescence of Glasses, by D. I.  
Levin, S. F. Zhdanov, E. A. Porai-Koshits, 8 pp.

Full translation.

RUSSIAN, bino per, In Ak Nauk SSSR. Otdel Khim Nauk,  
No 1, Jan/Feb 1955, pp 31-39. CIA D 1519A1

Consultants Bureau

Scientific - Chemistry

24,558

Jun 55

Babinet's Principle, and the Low-Angle Scattering of  
X-Rays by Porous Glasses, by E. A. Porak-Koshits, V. N.  
Filipovich, 8 pp.

Full translation.

RUSSIAN, bibio per. Iz Ak Nauk SSSR, Otdel Khim Nauk.  
No 1, Jan/Feb 1955, pp 21-30. CIA D 151341

Consultants Bureau

Scientific - Chemistry

24,551

Jun 55

Small-Angle Chamber With a Proportional X-Ray  
Radiation Counter, by D. A. Gogarov, E.A. Pozai-Koshits  
6pp.

RUSSIAN, Prilozhye 1 Tekh Zhurnal, No 3, 1963,  
pp 155-160.

Doc.  
Jan 64

ISA

245,889

Structure of Sodium Borosilicate Glasses in **RUSSIAN**  
Relation to the Phenomenon of Opalescence.  
Communication 5. Direct Proof of the Chemically  
Heterogeneous Structure of Glasses, by N. S.  
Andreyev, E. A. Porai-Koshits, 7 pp.

**RUSSIAN**, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 4, 1960, pp 636, 644.

CB

S-1

May 62

194,463

Catalyzed Crystallization of Glass, Vol 3  
of series: The Structure of Glass, by  
E. A. Porai-Koshits.      pp 111

RUSSIAN, bk.

CB  
August 1964

May 65

The Structure of Arsenic Chalcogenide Glasses.  
Corrections to the Radial Distribution Curves  
By A.A. Vaipolin and E.A. Porai-Koshits pp8

RUSSIAN, per, Fizika Tverdoto Tela, Vol V, No 1,  
1963, pp246-255

Amer Inst of Phys  
Sov Phys - Solid State  
Vol V, No 1

Sol

Sep 63

344, 379  
~~344, 379~~

The Structure of Arsenic Chalcogenide Glasses.  
Vitroous and Crystalline States in the  $As_2Se_3-As_2Te_3$   
System

By A.A. Vaipolin and E.A. Porai-Koshits pp5

RUSSIAN, per, Fizika Tverdoto Tela, Vol V, No 1,  
1963, pp256-262

Amer Inst of Phys  
Sov Phys - Solid State  
Vol V, No 1

Sci

Sep 63

344 777  
~~344 378~~



The Chemically Nonuniform Structure of Sodium  
Borosilicate Glasses, by N. S. Andreyev, E. A. Porai-  
Koshits, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXVIII, No 4,  
1958, pp 735-737.

Consultants Bureau

Sci - Chem  
Dec 58

77, #60

Structure of Sodium Borosilicate Glasses in Its  
Relations to the Phenomenon of Opalescence.  
Communication 4. Dependence of the Structure of  
Sodium Borosilicate Glasses on the Duration of Heat-  
ing at Constant Temperature, by E. A. Foray-Koshits,  
D. I. Levin, N. S. Andreyev, 6 pp. *CF 31287*

Full tr

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 3,  
1956, pp 287-293. CIA 5000402

Consultants Bureau

Sci - Chemistry  
Sep 56 GTS

*38,673*

Structure of Sodium Borosilicate Glasses in its Relation to the Phenomenon of Opalescence. Communication 3. Comparison of the Results of Investigations on Sodium Borosilicate Glasses and on Porous Products Obtained from them by Leaching, by E. A. Poray-Koshits, S. P. Zhdanov, D. I. Levin, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 3, May-Jun 1955, pp 395-402. CIA C 39502

Consultants Bureau

USSR  
Scientific - Chemistry

28, 797

Nov 55 CTS/DEX

On the Question of the Existence of Metakaolinite  
and the Nature of the Exothermic Effects of Alumina,  
by A. M. Kalinina, E. A. Porai-Koshits, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 2,  
1957, pp 365-368.

Consultants Bureau

Sci - Chemistry  
Jul 58

67,623

(SF-1879))

USE FOR COMPUTERS IN CRYSTAL STRUCTURE ANALYSIS,  
BY N. A. PORAY-KOSHITS, 15 PP.

RUSSIAN, PE, R IZ AK NAUK SSSR, SER FIZ, VOL XXVI,  
NO 3, 1962, PP 322-330.

JPRS 14645

SCI - ELECTRON  
AUG 62

205,749

Crystal Chemistry of Complex Compounds of  
Metals of the Eighth Group, by G. B. Bokiy,  
M. A. Porai-Koshits, 14 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 4,  
1960, pp 605-619.

AIP  
Sov Phys - Crystall  
Vol V, No 4

Sci

205, 63:

Aug 62

Similarities and Differences of Crystal Structure  
of Internal Complex Compounds of Copper and  
Nickel, by M. A. Poray-Koshits, P. M. Zorkiy, 7 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol II,  
No 1, 1961, pp 20-26.

CB

Sci  
Jun 62

200,162

Crystal Structure of Trans-Dinitrotetramino-  
copper, by M. A. Forai-Koshits, M. Bukovska,  
6 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 3,  
1961, pp 381-388.

AIP  
Sov Phys - Crystal  
E Vol VI, No 3

Sci

201,793

Jun 62



X Ray Structure Calculations on the 'Strela'  
Universal Computer, by A. A. Levin, M. A.  
Poray-Koshits, 5 pp.

RUSSIAN, part, Kristallografiya, Vol IV, No 2,  
1959, pp 157-162.

Amer Inst of Phys  
Sov Phys-Crystallography  
Vol IV, No 2

Sci

110,095

The Atomic Crystal Structure of Complex  
Acidobenzine Nickel Compounds, by M. A. Poryay-  
Koshits, A. S. Antsalakina, L. M. Dilareva,  
E. K. Yukhano,

RUSSIAN, per, Kristallografiya, Vol. IX, No 3,  
1957, pp 371-381.

Amex Inst of Phys

Sci

108,502

Feb 60

Structure of Cesium Tetrachlorocobaltate  
 $\text{Cs}_2\text{CoCl}_4$  Crystals, by M. A. Porai-Koshits,  
13 pp.

RUSSIAN, per, Kristallografiya, Vol I, No 3,  
1956, p 291. 9077345

AISC Tr-4557

Sci - Chem  
Jun 67

157,728

X-Ray Structure Study of Crystals of Nickel  
Dinitrotetramine, by M. A. Poray-Koshits, L. M.  
Dikareva, 7 pp.

RUSSIAN, per, Kristallografiya, Vol IV, No 5, 1959.  
pp 650-657.

Amer Inst of Phys  
Sov Phys-Crystal

Sci-Phys

119,292

Jun, 60

On a Possible New Type of Isomerism in Octahedral  
Complexes of Certain Transition Elements, by  
M. B. Dyatkina, M. A. Poray-Koshits, 3 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXXIV, No 5,  
1959, pp 1030-1032.

Consultants Bureau

Sci

119,544

Jun 60

The Structures of Million's Salt and Baetoni's  
Salt, by H. Bukovska, M. A. Poraj-Koshits, 3 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 1,  
1960, pp 137-139.

AIR  
Sov-Phys Crystal

Sci

*132, 601*

Nov 60

The Structure of Dimethylselenamine Nickel  
Thioyanate Crystals, by E. K. Yukino, M. A.  
Petrov-Kochin,

RUSSIAN, per, Kristallografiya, Vol. XI, No. 4,  
1957, pp 239-243.

Amer Inst of Phys

Sci

Feb 60

108,589

Refinement of the Structural Parameters of Nickel  
Triaminodithiocyanogen (II) and Cesium Tetrach-  
lorocobaltate by the Method of Differential Fourier  
Synthesis on an Electronic Computer, by M. A.  
Porai-Koshits, 9 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 7, 1956, pp 740-750.

Columbia Tech

Sci - Phys

53,232

Sep 57



The Diffuse Scattering of X-Rays at Small Angles, by  
N. A. Porok-Koshits, A. G. Sokolov,

Ye

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXII, #  
No 3, 1950, pp 477-480.      6

~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~  
Pulmer Research Institute 9

Scientific - Physics  
CIS/DEX

14,063

The Why's and Wherefore's of Track Maintenance  
Problems, by B. Porchar.

FRENCH, per, Rev Assoc Francaise des Amis des Chem  
de Fer, Nov/Dec 1959, pp 176-186.

BISI 1654

Sci - Eng

Oct 60

<p><del>Porcher, Bernard.</del> THE WHY'S AND WHEREFORE'S OF TRACK MAINTENANCE PROBLEMS. [1960] [21]p. Order from SLA 52. 60      62-16852</p>	<p>62-16852</p>
<p>Trans. of Association Française des Amis des Chemins de Fer. Revue, 1959, Nov/Dec, p. 176-186. Another trans. is available from BISI# 7 103 as BISI-654 (1960)</p>	<p>I. Porcher, B.</p>
<p>DESCRIPTORS: *Railroads, France, *Railroad tracks. Maintenance.</p>	<p>0-20874</p>
<p>(Machinery--Transport, TT, v. 8, no. 10)</p>	<p>Office of Technical Services</p>

Histopathological Contribution to Tonsil-  
lopathy in Early Childhood, by Dr. TOMMASO  
PORCELLI, 15 pp.

ITALIAN, per, Minerva Pediatrica, Vol II,  
No 12, 1950, pp 593-597.

NIH Tr 922

30,332

Sci - Medicine

68

Compound Element Higs of Liquid Containers,  
by Pietro Forcinai.

ITALIAN, Patent No 500,583

Dept of Commerce

Patent Office

PIETRO FORCINAI

Sci/Mat  
Dec 68

354,769

<p>Porcsalmy, Ilona THE TRANSFORMATION OF TANNIN (POLY-PHENOL) DURING DRYING AND FERMENTATION. [1962] 9p. Order from K-H 11.25                      K-H-3036-b Trans. of Revue Internationale des Tabacs (France) 1953, v. 28, p. 223-225. DESCRIPTORS: Transformations, *Tannic acids, *Dehydration, *Fermentation.  (Biological Sciences--Botany, TT, v. 8, no. 11)</p>	<p>62-22644  I. Porcsalmy, I. II. K-H-3036-b III. Kresge-Hooker Science Library Associates, Detroit, Mich.  022166  Office of Technical Services</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Methanolysis of Some Simple Glycerides of Higher  
Fatty Acids, by J. Pore, 10 p.

FRENCH, per, Oleagineux, 1952, Vol VII, No 1,  
pp 21-24.

SLA 59-20609

Sci  
Mar 60  
Vol 3, No 1.

119,869

On Critical Phenomena in Liquids and Gases, by  
A. S. Predvoditelev, 15 pp.

RUSSIAN, per, Inzhenerno-Fiz Zhur, Vol VI, No 4,  
1963, pp 123-133.

JPRS 21,392

Sci -  
Oct 63

344 754



SOCIAL DEVELOPMENT AMONG THE FULANI (PEULHS) OF  
THE FONTA-DJALLON REGION IN GUINEA, BY DIALLO  
~~XXXX~~ OUSMANE POREKO, 17 PP.

FRENCH, PER, RECHERCHES AFRICAINES, NO 4,  
OC-DEC 1961, PP 73-89.

JPRS 15510

AFRICA  
SOC  
OCT 62

212,868

Blood Platelets in the Light of Histochemical  
Investigations, by W. Lawkowicz, P. Czerski,  
H. Porembinska, 3 pp.

POLISH, per, Polskie Archiwum Medycyny Wewnętrznej,  
Vol. XXV, 1955, pp 149-152.

NIH 12-9

Sci - Med

57,844

Jan 58

Methods of Determining the Tendency of Rubber Stocks  
to Become Porous During Vulcanisation, by E. D.  
Mikhlin, I. I. Poretskaya, A. A. Pozin, V. P.  
Artneva, I. E. Galbraikh, L. P. Scherbakova, T. F.  
Nikiforova, 6 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XVIII, No 12,  
1960, pp 23-28.

British Rubber Manufactures

Sci  
Jul 60

120,423

Investigation of the BeFe-CoFe System, by  
N. Kh. Abrikosov, A. M. Vasserian, L. V.  
Porotskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVIII,  
No 2, 1958, pp 279-281.

MIT Lincoln Lab  
SLA 59-14571

Sci - Chem  
Not CC

133,336

Sci/Radio

C

Radio Station With 50-Watt Power Output (RK-0, 05); Radio  
Station With 500-Watt Power Output (RK-0, 5), by H. S.  
Poretskiy, P. N. Vinogradov, 58 pp. UNCLASSIFIED

                      
RUSSIAN, manual, Publ House of Technical Literature for  
Coal Industry.

ANC F-TS-7052-RE

RLT: Radiostantsiya Moschnostyu 7 50 Watt (RK-0, 05)  
La Radiostantsiya Moschnostyu 7 500 Watt (RK-0, 5)

A 9457

sur c's

On the Question of the Anodic Passivity of Lead,  
by P. P. Porfirov, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol III, No 5,  
1933, pp 590-595.      CIA 0167306

Def Sci Info Sv  
DRB Canada T 100 R

147

USSR  
Scientific - Chemistry

9117

CIA 2201692

Jan 54 CTS

Measurement of Interface Impedance as a Method of  
Physico-Chemical Research, by P. P. Porfirov, 7 pp.

RUSSIAN, per, Iz Sektora Fiziko-Khimicheskogo Analiza,  
Acad Nauk SSSR, Vol VIII, 1936, pp 135-140.

*CIA D 151226*  
Def Sci Info Sv  
DRB Canada T 105 R

*See Manual Def Sci Info*  
USSR  
Scientific - Chemistry

*9118*

CIA 2201692

Jan 54 CTS

Description of Genera: *Lytvophyllum* ~~EMM~~  
*Dobrolyubova* gen. nov, by E. D. Soshkina,  
T. Dobrolyubova, G. Porfiriev.

RUSSIAN, per, Trudy Instituta Paleontologiya  
SSSR, Ak Nauk SSSR, Vol V, No 3, 1941,  
pp 146-147, 151-153, 158-160, 200-201,  
204-205.

Dept of Interior  
QE3 E57 No 41

168,389

Sci - Geophys

Sep 61



Meteorologists of Kazakhstan: Participants in  
the IGY, by I. Porfiriyev, V. Nikitin, 3 pp.

RUSSIAN, per, Kazakh Pravda USSR, No 235.  
Col 5-7, 1958, p 3.

SIA 59-12690

Sci  
Jan 60  
Vol 2, No 7

104,826

Experience of the Work of Kazakhstan Radio  
Correspondents in Transhumance, by I. F.  
Porfir'yev, 7 pp. UNCLASSIFIED

RUSSIAN, no por, Mot i Gid, No 12, Dec 1956,  
Leningrad, pp 41-43.

US JPRS/DC-L-32

Sci - Geophysics  
Mar 58

59, 645

Sci/Physics

PC

Orientalional and Translational Waves in Molecular  
Crystals, by N. N. Porfiriev.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XX, No 2,  
1950, 77-107

6 \*AMC F-75-7337

RT 1634

Jan cts  
31/1/51 Telecom  
PA 1561100

A 9460

On the Application of the Concept of Series  
and Cycles in the Study of the Coniferous-  
Broadleaved Woods, by V. Porfiriev.

RUSSIAN, per, Byulleten' Moskovskoe Obshchestvo  
Isspytatelei Prirody, Vol LXV, No 3, 1960,  
pp 93-102.

CSIRO/No 5754

Sci-Biol & Med Sci  
Mar 63

225,371

Precision Measurements of the Intensity of the  
Radio Emission of the Discrete Sources Cassiopeia-A,  
Cygnus-A, and Taurus-A in the Decimeter Band, by  
V. P. Linstochkin, V. A. Porfir'yev, et al, 6 pp.

RUSSIAN, par, in Vysshikh Ucheny Zaved, Radiofiz,  
Vol. VI, No 3, 1963, pp 376-381.

JPRS 21922

641

Jan 64

249,196

PRECISION MEASUREMENT OF THE RADIO EMISSION FROM  
THE MOON AT WAVELENGTHS 25 AND 36 CENTIMETERS, BY  
V. D. KRYZIN, V. A. POZDNYAKOV, 9 PP.

RUSSIAN. IZV. VUZOV VOZDUKHOPISNAYA, VOL. VI, NO 2,  
1962, PP 22-30.

ISSN 21869

SCI-ELECTRONICS  
NOV 63

242,131

(NY-6498)

Short Communications and Letters to  
Editor Standardization of Radio Emission  
From the Moon at 3.2 cm, by V. D. Krotikov,  
V. A. Pozfir'yev, V. S. Troitskiy, 3 pp.

RUSSIAN, per, Iz VUZ, MVO, RZhB Radiotiz,  
Vol. IV, No. 4, 1961.

JPRS 12990

Sci  
Apr 62

189,967

(FDD 15746)

The Origin of Ozocerite Deposits, by V. B. Porfir'yev,  
26 pp.

RUSSIAN, Uk, Trudy: Nauchno-Geologicheskoye Obshchestvo  
chun'ya po Nefti, Ozokerityu i Goruchim Gazam Ukrain'skoi  
SSR, Kiev, 1949, pp 126-138, FDI Doc 375952.

CIA/FDD/U-5398

USSR

Economic - Fuels, ozocerite

9620



63-19606

- I. Title: Conifers
- I. Profiriev, V. S.
- II. CSIRO Trans-5754
- III. Commonwealth Scientific and Industrial Research Organization (Australia)

Profiriev, V. S.  
 ON THE APPLICATION OF THE CONCEPT SERIES  
 AND CYCLES BY THE STUDY OF THE CONIFEROUS-  
 BROADLEAVED WOODS (O Primenenii Ponyatii Serii  
 i Tsikla pri Izuchenii Khvotno-Shirokolistvennykh  
 Lesov) tr. by V. A. Soloduhin. [1963] [25]p. (foreign  
 text included) 40 refs. [CSIRO] Trans. no. 5754.  
 Order from OTS or SLA \$2.60 63-19606

Trans. of Moskovskoe Obshchestvo Ispytatelei  
 Prirody. Byulleten' Otdel' Biologicheskii 1960,  
 v. [35]65, no. 3, p. 93-102.

DESCRIPTORS: \*Trees, \*Plants (Botany), Soils,  
 Wood, \*Ecology, \*Forestry.

The paper generalizes the experience of applying the  
 «series» and «cycle» concept to the study of mixed  
 woods in the Eastern area of the USSR; the author's  
 material is concerned with his original examination and  
 (Biological Sciences - Botany; TT, v. 10; no. 12)  
 (over)

Office of Technical Services

6095

THE PRINCIPLES OF CONSTRUCTION OF DEVICES FOR THE  
GENERATION OF ELECTRICAL SIGNALS OF RANDOM CONFIG-  
URATION, USING RADIOACTIVE DECAY AS THE MASTER PROCESS,  
BY V. F. NESTERUK, N. N. PONFIR'YEVA, ET AL, 10 PP.

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED, PRIBOROSTROYENIYE,  
VOL IV, NO 3, 1962, PP 135-140. 9678383

FTD-TT-62-1033

SCI - ENGR  
11 OCT 62

212,375

XXXXXXXXXX

Coupling Between Intermolecular and Intramolecular  
Vibrations in a Crystal, by N. N. Porfir'eva, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII,  
No 1, 1957, pp 47-52.

Amer Inst of Phys  
Sov Phys-JETP  
Vol VI, No 1

Sci - Physics  
May 58

62,770

Investigations of Conjugated Systems. XCIII.      The  
Sequence of Addition of Alkyl Hydroxamides to  
Vinylallylacetylene, by A. A. Fedrov, Ya. L.  
Porfir'ova, G. I. Semenov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 9,  
1958, pp 2325-2327.

CB

Sci - Chem  
Oct 59

109,066

Investigations in the Field of Conjugated Systems.  
CVII. The Order of Addition of Iodine Chloride  
to Vinylacetylene Hydrocarbons, by A. A. Petrov,  
Ya. I. Porfir'yeva, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,  
1959, pp 2830-2836.

CB

Sci.

129,265

Investigations of Conjugated Systems, YCII,  
Sequence of Addition of Iodine to Vinylacetylenic  
Hydrocarbons, by A. A. Petrov, Yu. I. Porfir'ova,  
T. V. Yakovleva, K. S. Mingalova, 5 pp.

RUSSIAN, per, Zhur Goshch Kains, Vol XXVIII, No 9,  
1958, pp 2320-2324.

CB

Sci - Chem  
Oct 59

109,368

Investigations in the Field of Conjugated  $\pi$  Systems.  
CXLIX. Synthesis and Properties of Homologs of Ally-  
Vinylacetylene, by A. A. Petrov, Yu. I. Porfir'eva,  
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 11,  
1961, pp 3525-3530.

CB

Sci

Aug 62

213.131

Studies in the Field of Conjugated Systems.

108  
Direction of Addition of Allyl  
bromides and Lithium Alkyls to Vinylpropenylacetylene  
by A.A. Petrov, Yu. I. Porfir'eva, 6 pp.

6  
BEST, per, Zhur Obshch Khim, Vol XVI, No 5

1961, pp. ~~1518~~ - ~~1523~~  
1518 - 1523

CB

191, 949

Sci  
Mar 62



Investigations in the Field of Conjugated Systems,  
LXXVI. The Order of Bromine Addition to Alkyl-  
and Isoalkenylacetylenes, by A. A. Petrov and Yu.  
I. Porfireva, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,  
1957, pp 1805-1813.

Consultants Bureau

Sci - Chem

Oct 1958

74, 134

Conjugated Systems. CLXVIII. Direction of the  
Addition of Hydrogen Halides to Diene Hydrocarbons  
to Vinylallylacetylene and Its Homologs, by  
A. A. Petrov, M. I. Borfir'yeva, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 2, 1961  
pp 419-425.

CB

Sci  
Jan 64

246,946

STUDIES IN THE FIELD OF CONJUGATED SYST  
CLIII. BROMINATION OF VINYLALLYLACETYLENE AND  
ITS HOMOLOGS, BY A. A. PETROV, YU. I. PORFIR'YEVA,  
7 PP.

RUSSIAN, PER, ZHUR OISHCH KHIM, VOL XXXII,  
NO 3, 1952, PP 750-757.

CB

SCI

FEB 63

221,536

ESTERMAN

Conjugated Systems. CKVII. Direction of  
Addition of Halogens to Vinylacetylenes,  
by A. A. Petrov, Yu. I. Porfir'yeva,  
T. V. Yakovleva, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX,  
No 5, 1960, pp 1441-1444.

CB

164, 655

Sci

Jul 61

Conjugated Systems. CXIX. The Direction of Electrophilic Addition to Unsymmetrical Dienes. Reaction of *m,m'*-Dibromosulfonamide with Alcohol Solutions of Divinylacetylene and its Homologs, by A. A. Petrov, Yu. I. Porfir'yeva, 5 pp.

RUSSIAN, *per*, Zhur Obshch Khim, Vol XXX, No 6, 1960, pp 1818-1822.

CB

Sci  
Aug 61

162,600

Investigations in the Field of Conjugated Systems. LXXVII. The Order of Addition of Hydrogen Halides to Propenylacetylene, by A. A. Petrov, Yu. I. Porfir'yeva, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8, 1957, pp 2076-2080.

Consultants Bureau

Set - Chem  
Oct 58

74, 183

Investigation of Conjugated Systems. LXXVII.  
Combination Scattering Spectra and Reactivity  
of Vinylacetylene Hydrocarbons, by A. A. Petrov,  
V. A. Kolesova, Yu. I. Porfir'yeva, 6 pp.

RUSSIAN,

per, Zhur Obshch Khim, Vol XXVII, No 8,  
1957, pp 2086-2091.

1-2087.

Consultants Bureau

Sci. - Chem  
Oct 58

74, 184