

Mathematical Fundamentals of Aerial Interpretation of Forests, by G. G. Samoilovich.  
RUSSIAN, by Lesnaya Promyshlennost, 1964,  
pp 1-222.  
ACSI J-6387  
FSTC-HT-23-733-68

Sci-Math  
June 69

384,470

Bukshtynov, A. D.      1959      2  
Forest Resources of USSR and the World. (Lesnye  
Resursy SSSR i Mira.) Izdatel'stvo Ministerstva  
Sel'skogo Khoziaistva SSSR. Moskva. 1959. 62 pp.  
In Russian.

\* PST No 187

*Frank*

Loess of Northern China, 134 pp.  
RUSSIAN, bk. Loess Severnogo Kitaya, Moscow, 1959.  
OTS 64-11074  
PL-480

Sci - Biol & Med Sci  
Jul 64

263,044

The Use of Mycorrhiza at Plantings of Oak Acorns  
Under the Arid Conditions of the Saratov Region,  
by I. V. Krasovskaya and A. D. Smirnova,  
RUSSIAN, per. Les i Step', Vol II, No 2, 1950,  
pp 29-37.  
CFSTI TT 66-51081

Sci-Agri  
Oct 66

313,084

New Powerful Development of Irrigated Districts of  
Cotton Culture in USSR, by V. A. Kovda.

RUSSIAN, per, Les i Step', Vol II, No 11, Nov 1950,  
pp 35-41. 99.8 1967

USDA Trans 251

USSR

Economic - Agriculture, cotton  
Scientific - Biology, cotton, irrigation

524

Erosion Control -- A Problem of State Importance,  
by B. F. Kosov

RUSSIAN, per, *Les i Step'*, Vol IV, No 11,  
1952, pp 48-52, CIA 9007430

USDA

Sci - ~~biology~~ *biophysics* #2, 373  
USSR  
Economic - Agriculture, forestry  
Jan 57 OTS

First Results of Work for the Establishment of  
State Shelter Belts, by I. I. Chedrishvili

RUSSIAN, as per, Les 1 Step<sup>o</sup>, Vol V, No 2,  
1953, pp 7-17. CIA 9003510

USDA

RT 4624

40,111

Sci - Biology

USSR

Economic - Agriculture

Oct 56 OTS

Forested and Open Steppes on the Russian Plain, 53 pp,  
UNCL.

RUSSIAN, bk, Lesostep' i Step' Russkoy Ravniny, 1956,  
pp 28, 29, 37-51, 257-273.

ACSI H-6713  
ID 2147217  
JLA 66-21952

USSR

Geographic

Aug 60

123, 103



Forest Mensuration, by N. P. Anuchin, 454 pp.  
RUSSIAN, bk, Lesnaya Taksatsiya, 1960.  
NTIS TT 69-55065

Sci/Ear Sci  
Nov 70

Central Asia Loess. Selected Transactions, by  
L. S. Berg, 178 pp.

RUSSIAN, rpt, Lessy Tsentral'noi Azii. Izbrannye Trudy,  
Vol III, 1960.

\*OTS 64-11075  
PL-480

Sci  
Mar 64

The Influence of Seed Pretreatment on Field  
Germination, by A. A. Davilova.

RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),

Vol 2, No 1, 1959, pp 54-56,

\*CSFTI TT 68-50397/1

Sci/B & M  
Feb 68

Loss of Stability in the Plane Form of a Circular  
Saw Blade as a Result of Thermal Stresses, by G. S.  
Gurkin.

RUSSIAN, per, Lesnoi Zhur, Vol II, No 1, 1959,  
pp 112-125.

NLL M.4608

Sci - Engr

193, 757

May 62

The Problem of Assessing the Site Quality of  
Stands, by K. E. Nikitin.

RUSSIAN, per, Lesnoe Zhur, Vol II, No 4, 1959, pp  
pp 7-13.

PL-480

OTS 65-50047

Sci-Agr  
April 64

Morphological Features of Pinus Sylvestris Seedlings in Relation to the Age and Stadia Development of the Parent Trees, by T. A. Leuhina.

RUSSIAN, per, Lesnoe Zhur, Vol II, No 4, 1959, pp 40-45.

PL-480

PTS 65-50049

Sci-Biol & Med Sci  
April 64

The Roller-tensioning of Frame Saws, by  
Yu. I. Yurev.  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangal'sk).  
Vol 2, No 4, 1959, pp 136-143.  
\*CSFTI TT 68-50397/2

Sci/B & M  
Feb 68

Effect of Cleanings and Thinnings on the Growth of  
Scots Pine Plantations Established by Patch Plant-  
ing or Sowing, by N. T. Smirnov.

RUSSIAN, per, Lesnoy Zhur, Vol III, No 1, 1960,  
pp 43-48.

\*PL-480

OTS 65-50040

Sci-Agr  
April 64



Principle of Calculation of the Stresses  
in a Cutting Blade, (Frame Saw), by  
S. Voskresenskiy.

RUSSIAN, per, <sup>101</sup>Lea Zhur, Vol III, No 1,  
1960, pp 99-104.

CSIRO 5357

Sci - Engr  
Jul 62

207,584

Preparation of Cellulose Fibre Materials for  
Investigation With Infrared Light, by A.  
Polyak.

RUSSIAN, per, <sup>not</sup> Les Zhur, Vol III, No 1, 1960,  
pp 152-154.

CSIRO 5330

Sci - Phys  
Aug 62

207,464

Bandaw Strength Under the Influence of Feed  
Forces, by A. E. Feoktistov.  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
Vol 3, No 3, 1960, pp 95-106.  
\*CSFTI TT 68-50397/3

Sci/B & M  
Feb 68

**Cronastium Quercum--A Chronic Disease of Pinus  
Sylvestris Forests of the Amur Region, by  
E. N. Ierusalimov.  
RUSSIAN, per, Lesnoi Zhurnal (Archangel'sk).  
Vol 3, No 3, 1960, pp 161-162.  
\*CSFTI IT 68-50397/4**

Sci/B & M  
Feb 68

Profiling Saw Teeth for Cross-Cutting, by  
V. I. Mikulinski.  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
Vol 3, No 4, 1960, pp 116-119.  
\*CSFTI TT 68-50397/5

Sci/B & M  
Feb 68

E.I. Resinous Cavities in Juniperous  
Communis L., by E.I. Adamovich.  
RUSSIAN, per Les.Zh., Vol. 4, No. 4, 1960,  
pp 159-161  
NRC Ref: C-5706

Sci -  
Aug 67

337-332

Juglans Madagurica in the North Part of the  
Central Forest-Steppe Zone, by N. G. Akimochkin.  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
Vol 4, No 3, 1961, pp 156-158,  
\*CSFTI TT 68-50397/6

Sci/B & M  
Feb 68

Assortment Structure and Technical Maturity  
of Oak High-Forest Stands in Foothills  
Near the Volga in the Chuvash ASSR, by  
M. M. Mikhailov, 5 p.  
RUSSIAN, per, Lesnoi Zhurnal, 4(5), 1961,  
pp 16-20.  
\*CPSTI IT 66-51101

Sci-Agri  
Feb 66



Effect of the Composition of the Herbaceous  
Cover on the Growth of Scots Pine on Sands,  
by G. I. Vasil'ev, 2 p.  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
4(5), 1961, pp 51-52.  
\*CFSTI TT 66-51101

Sci-Agri  
Feb 66

The Wear of Snage-Set and Spring-Set Teeth of  
Frame Saws, by E. M. Borovikov,  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
Vol 4, No 5, 1961, pp 113-116.  
\*CSFTI TT 68-50397/7

Sci/B & M  
Feb 68

Phenological Observations in Forest Seed  
Production, by F. I. Volkov, 4 p.  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
5(1), 1962, pp 34-37.  
\*CFSTI TT 66-51101

Sci-Agri  
Feb 66

Components of the Cutting Force and Work of  
Cutting in Removing Branches From Logs, by  
V. Nesterenko.

RUSSIAN, per, Lesnoi Zhur, Vol V, No 2, 1962,  
pp 63-67.

CSIRO/No 6265

Sci-Agri

Aug 63

34,962

**Effect of Gamma Radiation on Moisture Absorption of Sawdust  
Boards, by A. P. Berezney, A. G. Pokina.  
RUSSIAN, per, Leningrad Journal, Vol. V, No. 2, 1962, pp 105-108.**

**CHR**

**Sci - Phys**

**Feb 64**

**250,519**

The Accuracy of Log Diameter Determination  
by the Measuring Mechanisms of Automatic  
Volume Indicators of the Integrating Type  
for Use in Longitudinal Flowlines, by  
A. M. Kilyakov, 9 p.  
RUSSIAN, por, Lesnoi Zhurnal (Arkhangel'sk),  
5(2), 1962, pp 152-160.  
\*CFSTI TT 66-51101

Sci-Agri  
Feb 66

The Change in Seed Quality of Larix Gmelinii  
with Soil Fertilization, by N. V. Krechetova,  
2 p.

RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
5)3), 1962, pp 165-166.

\*CISTI TT 66-51101

Sci-Agri  
Feb 66

The Effect of Initial Stand Density on the  
Assortment Structure and Age of Technical  
Maturity in Scots Pine, by V. F. Lebkov,

6 p.

RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),

5(5), 1962, pp 37-42.

\*CFSTI TT 66-51101

Sci-Agri

Feb 66



Deformations and Stresses Arising in an Idling  
Band saw, by E. D. Dobrynin,  
RUSSIAN, per, Lesnoi Zhurnal (Archangel'sk),  
Vol 5, No 5, 1962, pp 123-127.  
\*CSFTI TT 68-50377/8

Sci/B & M  
Feb y68

The Kinematics of Vibration Cutting, by  
A. A. Solov'ev,  
RUSSIAN, per, Legend Zhurnal (Arkharal'sk),  
Vol 5, No 6, 1962, pp 114-124.  
\*CSFTI TT 68-50397/9

Sci/B & M  
Feb 68

Kinematics of Vibratory Cutting, by A. Solov'ev.  
RUSSIAN, per, Lesnoi Zhurnal, No 6, 1962, pp  
114-124.  
CSIRO/No. 7501

Sci -  
Aug 67

335,810

Effect of Bluntness in Woodcutting Tools on the Cutting  
Force, Taking into Account Direction Grain and Wood  
Species. by T.A. Nosovaskii  
RUSSIAN, per Lesnoi Zhurnal, No. 3, 1963, pp 102-106  
NLL/9022.093 1965 (7176)  
CSIRO

Sci -  
Sep 67

339-826

The Effect of Swaging and Shaping on Micro-  
Hardness, Macro-Structure and the Distribution  
of Deformations in Frame-Saw Teeth, by  
E. M. Borovikov.

RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),

Vol 6, No 1, 1963, pp 119-126.

\*CSFTI TT 68-50397/11

Sci/B & N  
Feb 68

Dependence of *Alnus Glutinosa* Seed Yield  
and Quality on the Time of Cone Collection,  
by V. A. Cherstvin, 2 p.  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangol'sk),  
6(1), 1963, pp 163-164.  
\*CFSTI TT 66-51101

Sci-Agri  
Feb 66

Investigations of Tree Mycorrhize Forming  
Fungi in Pure Culture, by O. A. Nevolin,  
9 p.

RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
6(2), 1963, pp 13-21.

\*CFSTI TT 66-51101

Sci-Agri  
Feb 66

The Effect of bluntness in Wood-Cutting Tools  
on the Cutting Force, Taking into Account  
Direction Grain and Wood Species, by  
T. A. Nosovskiy,  
RUSSIAN, per, Lesnoi Zhurnal, No 3, 1963,  
pp 102-106.  
NLI 9022.093 1965 (7176)

Sci-Mech, Etc Engr  
Mar 67

321,435



A Test Rig for Investigating the Process of  
Frame-Sawing, by E. M. Borovikov.  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
Vol 6, No 3, 1963, pp 107-113.  
\*CSFTI TT 68-50997/12

Sci/B & M  
Feb 68

The Direction of Stresses in Wood Following its  
Penetration by a Cutting Tool, by  
E. A. Itskovich,  
RUSSIAN, per, Lesnoi Zhurnal, Vol 3, 1963,  
pp 114-118.  
NLL 9022.093 1965 (7177)

Sci-Mech, Etc Engr  
Mar 67

321,434

Measuring Stresses in the Blade of a Bandaw  
by Wire Strain-Gauges, by I. I. Trubnikov.  
RUSSIAN, per, Lenoi Zhurnal (Arkhangel'sk),  
Vol 6, No 3, 1963, pp 119-121.  
\*CSFTI TT 68-50397/13

Sci/B & M  
Feb 68

On the Types of Resin Production of Pine, by  
I. I. Orlov,  
RUSSIAN, per, Lesnoi Zhurnal (Arkhangel'sk),  
Vol 6, No 5, 1963, pp 147-148.  
\*CSFTI TT 68-50397/10

Sci/B & M  
Feb 68

Table of Contents and Review of:  
Twentieth Anniversary of the Central Institute of  
Forecasting, 17 pp.

RUSSIAN, bk, ~~the~~ Let Tsentral'nomu Institutu  
Prognozov, Moscow, 1957, 70 pp.

B-352  
Head, Lib Sv Sec  
Air Info Div  
Lib of Congress

Flying Glider Models, by O. Gayevskiy, 58 pp.

RUSSIAN, bk, Letayushchiye Modeli Planerov, Moscow,  
1955, pp 91-148, Encl to IR-1352-57, AFOIN-1A1.

AID/Apr 57

USSR - Economic, Military

Sci - Aeronautics

Aug 57

50,755

Description of Glider Models by Soviet Model Makers;  
Mechanisms Used for Control of Model's Flight; Model  
Flights; Competitions of Flying Glider Models; Descrip-  
tion of Glider Models Constructed by Foreign Model  
Makers, by O. K. Geyevskiy, (AF 1002091).

RUSSIAN, bk, Letayushchiye Modeli Planerov, DOSAAF,  
Moscow, 1955, Encl to IR-2414-56, AA, Paris.

\*AID

USSR

Sci - Aeronautics  
Mil

Flying Cross-Country Vehicle, by N. I. Nikolayev, 107 pp.  
RUSSIAN, pamphlet, Letavushchiy Vozdukhod, Moscow,  
1963,  
Dept of Navy Tr 4184/ONI Tr 1068

Sci - Aero  
Aug 65

284,290

*available on loan from 284,290-6395*



Pilot and Aircraft, by V. G. Denisov,  
R. N. Lopatin, 261 pp.

RUSSIAN, bk, Letchik 1 Somolet, 1962, pp 1-203.  
9690503-V

FED-TR-63-276

Sci - Aero  
Jan 64

248,399

Evaluation of Meteorological Conditions before the Execution of Flight, 9 pp, illus.

RUSSIAN, bk, Letchim o Meteorologii, 1955, p 110, Encl to IR-1163-57.

AID/Feb 57

USSR  
aero-graph

50,381

Meteorology and the Pilot, 393 pp.  
RUSSIAN, bk, Letchiki o Meteorologii, 1962, pp 11813.  
9691875-V

FTD-TT-68-420

Sci - Earth Sci & Astron  
Mar 64

251,912

Aeronautical Science in the USSR, 12 pp.

RUSSIAN, per, Letectvi, Vol XXVI, No 24, pp 559-561.

SLA Tr R-676

Sci - Aeronautics

53,106

Sep 57

Calculation of Pressure Losses in Jet Engine  
Combustion Chambers, by O. Schurek, 11 pp.  
RUSSIAN, per, Letnany. Vyzkumny a Zkusebni  
Letacky Ustav. Zpravodaj Vstu., No 4, 1964,  
pp 39-42. P100326367  
FTD-HT-66-577

Sci-Propulsion and Fuels  
Dec 67

344,388

Plans for the Construction of Railroads in The  
Asiatic North, UNCLASSIFIED

RUSSIAN, bk, Letopis' Severa, 1957, pp 196-205.

USARISC-ID Svc Br

Tr 97378

USBR  
Econ  
Jun 58

65,397

The Universe Under the Microscope,  
by A. Dmitriyev.  
RUSSIAN, per, Letopis Zhur Statey, No 42,  
1963,  
\*FTD-TT-65-1341

Sci - Misc  
Sep 65

(NY-6852)

THERAPY OF LEUKOPENIA, 13 PP.

RUSSIAN, BK, LEUKOPENIAE AND AGRANULOCYTOSES,  
1961, PP 151-161.

JPRS 12175

SCI - MED  
FEB 62

180,673



S-904/61

Therapy of Leukopenia, by T. S. Istamanoval,  
V. A. Almazov, (NY-6852)

RUSSIAN, bk, Leykopenii i Agranulotsitozy, 1961,  
pp 151-161.

\*JPRS

Sci - Med  
11 Dec 61

LEUKOSIS AND RADIATION, BY YE. D. GOLDBERG, 5 PP.

RUSSIAN, BK, LEYKOZY I RADIATSIYA, 1963, PP. 61-65.

JPRS 22520

SCI-MED  
JAN 64

245,119

Privileges for Servicemen Discharged From the  
Army, by M. P. Karpushin, 18 pp.

RUSSIAN, bk, L'goty Dlya Voyennosluzhbashchikh  
Uvol'nyayemykh iz Armii, 1960, 32 pp, Encl to  
RV-1148-61 513th IG Op. *pp 3-35,*

ACSI I-2823  
ID 2188855

USSR  
M11  
Sep 63

*345, 295*

R-2313

(NY-2033)

Benefits, Pensions, and Allowances for Servicemen and Their Families, by M. Ya. Parshin, G. P. Krivtsov, 274 pp.

Full Translation

RUSSIAN, bk, L'goty Pensii i Posobiya  
Voyennoluchashchim i Ikh Sem'yan, Moscow,  
1958, pp 5-260.

JPRS L-759-N

USSR  
MIL  
May 59

87,681

SF-4271  
1 July 1966

About Whales, by A. V. Yablokov,  
V. Bel'kovich.  
ESTONIAN, bk, Liblikas ja Vaal--Bionika  
Objektid, 1962, pp 142-148.

6 JPRS

Sci - Biol  
Jun 66

Fauna of the USSR - Larvae and Pupae of  
the Trichoptera (Annulipalpia) vol 2,  
no 1, by S. G. Lepneva.  
RUSSIAN, mono, Lichinki i Kukolki Podo-  
tryada Kol'shatoshchupikovykh (annul-  
ipalpia) - Fauna SSSR Ruchelniki, 1964  
\*CFSTI TT 70-50082

Sci/b&m  
Mar 70

PERSONALITY AND NEUROSES, BY V. N. MYASISHCHEV,  
281 PP.

RUSSIAN, BK, LICHNOSTI I NEVROZY, 1960,  
PP 1-51, 68-119, 136-230, 282-325, 360-425.

JPRS-19396

SCI - MISC, PSYCHOLOGY

MAY 63

232,351

A Further Investigation of Polyrotal Conditions  
by J. Ciplys, S. Budvytis, et al. et al.  
LITHUANIAN, per, Lietuviški Rinkai, Lietuvos  
TSR Mokslu Akademijs Lietuvos TSR Aukštųjų  
Mokyklų, Vol 1, 1961, pp 263-268. 922 354  
AEC-ANI-Tr-11

Sci-Phys  
Sep 64

265,829



The Application of the Method of Coefficients of  
Fractional Percentage to Molecular Terms  
Calculations, by I. G. Kaplan,

9 pp.

UKRAINIAN, par. ~~LIBRARY FOR STATIONS, LIBRARY.~~  
TSR Model AS LIBRARY FOR STATIONS LIBRARY.

Vol III, 1944, No 1, 2.

AEC-ANL-Tr-123

Sci-Phys  
Aug 63

286,272 6

Quantum Field Perturbation Theory in the Case  
of Two States in Open Shells (First and Second  
Order in Perturbation Theory), by U. Safronova.  
RUSSIAN, per, Liet Fiz Rinkinys, Liet TSR  
Mokslu Akad Liet, TSR Aukst Mokyklos, Vol 4,  
1964, pp 249-261.  
\*AEC ANL

Sci-Phys  
Jan 68

Photoconductivity of Cadm. um ~~XXXX~~ Selenide and  
Telluride Polycrystals, by F. P. Brazdizumas,  
et al.

LITHUANIAH, per. Liet TSR Mokslu Ak Darbai &  
Seriya B, Vol IV, No 16, 1958, pp 17-29.

REL. M. 4700

201, 026

Sci - Engr  
Jun 62

The Effect of Trace Elements on Corn Seeds, by  
S. Stasauskaite & M. Holmanaitė.  
LITHUANIAN, bk, Liuvos TSR Mokslų Akademijos  
Darbai, Serija B, 4 (20), 1959.  
CFSTI TT 67-51329

Sci/Agri  
Apr 68

351,269