

The Occurrence of Antagonistic Actinomycetes  
in Soils, by N. A. Krasil'nikov, A. I.  
Korenyako, O. I. Artamonova, 12 pp.

RUSSIAN, bino per, Mikrobiol, Vol XXII, No 1,  
1953, pp 3-10.

Sci Tr Center  
RT-2276

Scientific - Biology  
CTB 70/Jul 55

25, 2.10

Observation of Lysis of Actinomycete Under the  
Influence of Actinophage With the Aid of an  
Electronic Microscope, by Ya. I. Rautenshtein,  
1 pp.

RUSSIAN, per, Mikrobiol, Vol XXII, No 1, 1953,  
pp 11-14.

Sci Tr Center  
RT-1596

Scientific - Biology

USA  
CTS/DEX 18,774

Isolation and Assortment of the Active Cul-  
tures of Acetic Acid Bacteria for the Manufac-  
ture of Spirit of Vinegar, by I. M. Shainakaya.

RUSSIAN, per, Mikrobiologiya, Vol XXII,  
1953, pp 72-78.

CSIRO

Sci - Biol  
Apr 62

190,458

(FDD 21144)

The Methods for the Investigation of Filterable  
Forms of Bacteria, by L. I. Solntseva, 8 pp.

RUSSIAN, bimo per, Mikrobiol, Vol XXII, No 2, Moscow,  
Mar/Apr 1953, pp 151-154.

CIA/FDD/U-6051

USSR

Scientific - Medicine, modification of microorganisms

*Sci TR Center RT/6/5*  
15,993

The Total Number of Bacteria and the Speed of  
Oxygen Utilization in Waters of Various Degrees  
of Pollution, by G. G. Vinberg, M. S. Lomonosova,  
9 pp.

RUSSIAN, bino per, Mikrobiol, Vol XXII, No 3, 1953,  
pp 294-300.

Sci Museum Lib No 53/2633

USSR  
Scientific - Biology

9295

Feb 54 CTS

(FDD 20687)

Application of the Method of Precipitation for  
Quantitative Microbiological Analysis of Air, by  
R. G. Gogoberidze, 6 pp.

RUSSIAN, bimo per, Mikrobiol, Vol XXII, No 3, Moscow,  
May/Jun 1953, pp 308-310.

CIA/FDD/U-5999

USSR

Sci - Med, sanitation

15,272

May 54 CTS

(FDD 20698)

Principles of Classification of Causative Agents of  
Virus Infections, by Sh. D. Moshkovskiy, 29 pp.

RUSSIAN, bimo per, Mikrobiol, Vol XXII, No 3, Moscow,  
May/Jun 1953, pp 325-337.

CIA/PTD/U-6000

USSR

Sci - Med, virus diseases

15,285

May 54 CTS

Review of book "Antibiotics and their Practical Use",  
by V. A. Shorin,

RUSSIAN, per, Mikrobiol., Vol XXII, No 3, 1953,  
pp 347-349

USDA

10,649

Sol - Biology  
CTG/DEA



On the Question of Rearing Mulberry Silkworms Free  
From Jaundice, by L. M. Tarasevich.

RUSSIAN, bimo per, Microbiol, Vol XXII, No 5, 1953,  
pp 311-315.

Co-op Tr Sc 61

*Sci Mus Lib*

*55/3097, 818*

Scientific - Biology

£2. (5s.0d.)

~~xxxxxx~~

Apr 54 CTS

(FDD 25674)

Intermediate Hydrogen Carriers and Their Importance  
in Respiratory Processes, by M. V. Federov, 35 pp.

RUSSIAN, bino per, Mikrobiol, Vol XXII, No 5, Moscow,  
1953, pp 586-601.

*Dec 55 CTS*

CIA/FDD/U-7665

USSR

Sci - Medicine, physiology 30,422

Shtern, E. A.  
SEROLOGICAL CHARACTERIZATION OF NODULE  
BACTERIA, II. (Serologicheskaya Kharakteristika  
Kluben'kovykh Bakterii, II) tr. by B. Ribush. [1962]  
[15]p. (foreign text included) 1 ref. [CSIRO] Trans.  
no. 5909.  
Order from OTS or SLA \$1.60 62-32969

Trans. of Mikrobiologiya (USSR) 1953, v. 22, no. 6,  
p. 656-662.

DESCRIPTORS: \*Azotobacter, Serum, Antigens, Anti-  
bodies, \*Classification.

Nodule bacteria have a highly complex set of thermally  
unstable and thermally stable antigens. However, bac-  
teria of the same plant are not identical serologically.  
Different cultures form two or three serological sub-  
groups, but they are linked through antigens held in  
(Biological Sciences--Microbiology, TT, v. 9, no. 5)  
(over)

62-32969

- I. Shtern, E. A.
- II. CSIRO Trans-5909
- III. Commonwealth Scientific  
and Industrial Research  
Organization (Australia)

CSIRO/1108-59

Office of Technical Services

Determination of the Antagonistic Ability  
of Soil, by G. S. Khrenova.

RUSSIAN, per, Mikrobiologiya, Vol XXII,  
1953, pp 676-676.

CSIRO

Sci - Biol  
Apr 62

190,457

Usefulness of Datura Stramonium for Determining the  
Titre of Tobacco Mosaic Virus, *By* V. A. Smirnova,  
7 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXII, No 6, 1953,  
pp 714-718.

Sci Trans Center  
RT-1684

VSDa

14,605

Scientific - Biology

DEC

Dec 54 OTS/DEX

Investigations of the Microflora of the Oil  
Fields of the Second Baku, by V. A. Ekzertsev,  
S. I. Kuznetsov.

RUSSIAN, bio per, Mikrobiol, Vol XIII, 1954,  
pp 3-14.

Assoc Tech Sv RJ-191  
\$25.60

Scientific - Biology  
Fuels

CTS 73/Oct 1955

27,331

Oxidation of Ethane and Propane by Certain  
Species of Mycobacteria, by Ek. N. Bokova.

RUSSIAN, bimo per, Mikrobiol, Vol XXIII, 1954,  
pp 15-21.

Assoc Tech Sv RJ-192  
\$14.40

Scientific - Biology  
Fuels

CTS 73/Oct 1955

27,332

Examination of Changes in Nodule Bacteria Grown  
in Filtrates of Other Bacteria, by V. P.  
Izrail'skiy, 8 pp.

RUSSIAN, bimo per, Mikrobiologiya, Vol XXIII, No 1,  
1954, pp 22-26.

Sci Tr Center  
RT-4082

39,872

Sci - Biology  
Oct 1956 CTS/dex



Investigations of the Abundance of  
Saprophytic Bacteria in the Lake Dalnee,  
by E. M. ~~KREKHIN~~Krokhin.

RUSSIAN, per, Mikrobiologiya, Vol XXIII,  
No 1, 1954, pp 49-52.

Dept of Interior  
QH301 C273 No 419  
NRCC C-4448

Sci-Biol  
Sep 63

344,021

(FDD 21496)

Vith International Congress of Microbiologists at Rome, by Ye. N. Mishustin, M. D. Yerusalimskiy, 11 pp.

RUSSIAN, bimo per, Mikrobiol, Vol XXIII, No 1, Moscow, Jan/Feb 1954, pp 125-128.

CIA/FDD/U-6288

WEur - Italy

Sci - Medicine, microbiology

18, 236

Directed Variation of Actinophages, by Ya. I.  
Reutenshtsin.

RUSSIAN, per, Mikrobiologiya, Vol XXIII, No 2,  
1954, pp 140-146. CIA 9035520

USDA

Sci - Chemistry  
Feb 59

81,209

(2471-D)

Filtrable Forms of Bacteria in the Air, by L. I. Solntseva, 4 pp.

RUSSIAN, M per, Mikrobiologiya, Vol XXIII, No 3, Moscow, 1954, pp 249-251.

US JPRS L-1453-D

Sci - Medicine  
Feb 59

81,358

The Current Status and the Problems of Soil  
Microbiology, by Ya. P. Khudyakov.

RUSSIAN, no per, Mikrobiologiya, Vol XXIII, No 3,  
1954, pp 331-348.

Assoc Tech Sv  
Tr RJ-556  
\$24.60 (special price)

Sci - Biol  
Sep 57

52,222

Geller, I.A. and Yuspe, F.B.  
L'INFLUENCE DES ENGRAIS CHIMIQUES SUR LES  
PROCESSUS MICROBIOLOGIQUES DU SOL (Influence  
of Inorganic Fertilizers on Microbiological Processes  
in the Soil), 9p, 7refs, CNRS-II 89,  
Order from OTS, ETC or CNRS \$1.10 TT-62-28837

Trans. in French of Mikrobiologiya (USSR) 1954, v. 23,  
no. 4, p. 451-454.

DESCRIPTORS: Soils, Microorganisms, \*Fertilizers,  
Inorganic compounds, \*Phosphorus.

(Agriculture--Plant Cultivation, TT, v. 11, no. 7)

TT-62-28837

I. Geller, I.A.  
II. Yuspe, F.B.  
III. CNRS-II 89  
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services  
European Translations Centre

Influence of Root Secretions of Pea and  
Maize on the Development of Certain Soil  
Microbes Cultured in a Rhizospheric Solu-  
tion of the Plant, by N. V. Neshkov,  
P. N. Khodakova.

RUSSIAN, par, Mikrobiologiya, Vol XXIII,  
1954, pp 544-550.

CSIRO

Sci - Biol  
Aug 62

211, 251

Observations on the Rate of Multiplication of Micro-organisms in the Marine Environment, by A. B. Kries, E. M. Markyanovich, 17 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXIII, 1954, pp 551-560.

CIA/FDD X-3609

Sci - Biology  
Jul 59

90,484



Calculation of the Rate of Growth of Water  
Microorganisms on Overgrown Slides, by N. D.  
Yeruslimski, 18 pp.  
RUSSIAN, per. Mikrobiologia. Vol 23, 1954.  
pp. 561-570.  
NRL 1117  
Dept of Navy

Sci/B and M  
Sep 67

340,458

Effect of Plant Fertilizers on the Processes of  
Nitrogen Fixation and Experiment in Application of  
Azotogen in Farm Fishponds, by A. G. Rodina

RUSSIAN, per, <sup>Vo/</sup> Mikrobiologiya, No 23, 1954, pp 648-692.  
CIA D 432330

USSR  
Scientific - Biology

USDA

32,285-

Mar 56

Investigation of the Process of Methane  
Formation by Microorganisms From the Cores  
of Gas- and Petroleum- Bearing Strata of the  
Second Baku, by N. B. ~~NNN~~ Mechaeva, ~~NNN~~.

RUSSIAN, par, Mikrobiol, Vol XXIV, No 1, 1955,  
pp 3-13.

9039958

Assoc Tech Sv  
RJ-285

51A60-10648

30,583

Sci - Biology  
Jan 1956/CTS No 77

P.O. Box 271, East Orange, N.J.

Antagonistic Properties of Fungi of Different  
Systematic Groups Belonging to the Genus  
Penicillium, by A. G. Romankova, Ju. P. Kобрina.

RUSSIAN, per, Mikrobiol. Vol XXIV, No 1, 1955,  
pp 73, 74. CIA D 372822

Assoc Tech Sv  
RJ-295

Sci - Biology  
Jan 1956/CTS No 77

30,525

P.O. Box 271, East Orange, N.J.

V  
A

A Study of the Action of Albomycin and of Some Other Antibiotics on Growing Bacterial Cultures, by Yu. O. Sazykin.

RUSSIAN, no per, Mikrobiol, Vol XXIV, No 1, 1955, pp 75-78.

Assoc Tech Sv RJ 294  
PO Box 271  
East Orange, NJ

Scientific - Biology, Chemistry

31,080

Feb 56

Effect of X-Ray Irradiation on the Content of  
Sulphydryl Groups in Yeast, by R. D. Gal'tsova.

RUSSIAN, per, Mikrobiol, Vol XXIV, No 2, 1955,  
pp 137-140. CIA 9030451

USDA

Sci - Med

Jul 58

67,113

Periodicity of Proliferation and of Gas Formation  
Of Yeast in Liquid Culture, by A. L. Yerusalimskiy,  
14 pp.

RUSSIAN, bino per, Mikrobiol., Vol XXIV, No 2,  
1955, pp 164-169. CIA D 197041

NIH Tr

31,915

Scientific - Biology

Mar 56 CTS/DEX

SLA TR 1508

Investigation of the Microflora of the  
Rhizosphere of Scots Pine and Seedlings,  
by A. Ya. Tribunakaya.

RUSSIAN, rus, Mikrobiol, Vol XXIV, 1955,  
pp 188-192.

OTS-60-21077  
(PL 480)

118,740

Sci - Biol  
Jun 60



Several Controversial Problems Relating To the  
Role Of Soil Micro-organisms In Plant Nutrition  
by L.I. Rubenchik.

RUSSIAN, per, Mikrobiologiya, Vol XXIV, 1955,  
pp 229-233.

CSIRO

Oct. 62

(FID 25076)

Membrane Filters and Their Use in Microbiological  
Studies of Water, by A. S. Razumov, 34 pp.

RUSSIAN, bino per, Mikrobiol. Vol XXIV, No 2,  
Moscow, Mar/Apr 1955, pp 234-246.

Dec 55 CTS CIA/FID/U-7658

USSR

Sci - Medicine, microorganisms

30,429

(FDD 25077)

Scientific Institutions in the German Democratic Republic, by Ye. N. Mishustin, 13 pp.

RUSSIAN, bimo per, Mikrobiol. Vol. XXIV, No 2, Moscow, Mar/Apr 1955, pp 254-257.

Dec 55 CTS CIA/WD/U-7659

USSR

Sci - Medicine, microorganisms

30,428

Effect of Aeration on Multiplication and Oxidising  
Activity of Acetobacter Suboxydans, by Z. G. Rasu-  
movskaya, N. M. Mitushova.

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 3, May/  
Jun 1955, pp 265-270. CIA D 9005076

USDA

Sci - *Sci*  
Chem

May 57.

4  
97,652

Biomass of Microorganisms in Bottom Sediments of  
the Northern Caspian, by A. I. Zhukova,

RUSSIAN, no per, Mikrobiol, Vol XXIV, No 3, 1955,  
pp 321-324.

Assoc Tech Sv RJ 287  
PO Box 271  
East Orange, NJ

Scientific - Biology

Feb 56  
31, 206

Submerged Method of Citric Acid Production With the  
Aid of the Fungus *Aspergillus Niger*, by G. I.  
Gruravskiy.

2  
RUSSIAN, per, *Mikrobiologiya*, Vol XXIV, No 3, May/  
Jun 1955, pp 332-340. CIA D 9005078

USDA

SLA R-1591

Sci - Biol

May 57

4  
87,654

Mechanism of Action of Ultrasonic Waves Upon  
Microorganisms, by Ir. E. El'piner.

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 3,  
1956, pp 371-381. CIA 9031427

5

USDA

Sci - Med

Aug 58

70,099

Review by S. I. Kuznetsov of Book by E.  
Beerstecher, "Petroleum Microbiology, an  
Introduction to Microbiological Petroleum  
Engineering", (1954)

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 3,  
1955, pp 382-384. 217 707-417

Assoc Tech Service  
RJ-291

32,463

Sci - Fuels, Engineering-

(\$5.40)



Microbic Associations in Soils and Methods of Their  
Investigation, by Ye. M. Michustin, 35 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 4,  
1955, pp 474-485.

FDD/K-3180

Sci - Geophysics, Biology

62-15120

12 Nov 58

(FDD 28552)

International Conference on Antibiotics in Warsaw,  
by N. A. Krasil'nikov, 15 pp.

RUSSIAN, bino per, Mikrobiol. Vol XXIV, No 4,  
Moscow, Jul/Aug 1955, pp 501-505.

CIA/FDD U-8849

USSR

Sci - Medicine, microbiology

Oct 56

39,551

(FDD 28553)

Brief Information on the Results of Research and  
Organizational Activity of the Microbiology Sector  
of the Academy of Sciences of the Armenian SSR  
During 1954, by E. K. Afrikyan, 4 pp.

RUSSIAN, bimo per, Mikrobiol. Vol XXIV, No 4, Moscow,  
Jul/Aug 1955, pp 505, 506.

CIA/FDD U-8850

39,552

USSR

Sci - Medicine, microbiology  
Oct 56

(FDD 28554)

Defense of Dissertations, by L. I. Komarov, 9 pp.

RUSSIAN, bino per, Mikrobiol, Vol XXIV, No 4,  
Moscow, Jul/Aug 1955, pp 507-509.

CIA/FDD U-8851

USSR

Sci - Medicine, microbiology

Oct 56

39,553

The Requirements of Anaerobic Bacteria as  
Regards the Oxidation-Reduction Potential of  
Their Medium, by I. L. Babotnova, E. G.  
Toropova, M. Yu. Babayeva, 14 pp.

RUSSIAN, per, Mikrobiol, Vol XXIV, No 5,  
1955, pp 525-531.

Sci Mus Lib No 56/2241

Sci - Biology

42,854

The Kinetics of Proliferation by Acetobacter  
Suboxydans and Its Oxidizing Action on Sorbitol  
in Media Containing Vitamin B Complex, by  
S. M. Zhdan-Pushkina

RUSSIAN, no par, Mikrobiol, Vol XXIV, No 5,  
1955, pp 545-549.

T.I.L. T 4705

Sci - Biology  
Sep 56 CTS

39, 310

Study of the Generic and Specific Composition of  
the Microflora of the Rhizosphere of Oak by E.I.  
Kozlova.

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 5, 1955,  
pp 558-564

CSIRO

Oct. 62

Study of Causes Inhibiting the Growth of Microorganisms  
in the Body of the Silt Deposits in Lake Biserovo, by  
N. B. Zavarzina.

RUSSIAN, bimo per, Mikrobiol, Vol XXIV, No 5, 1955,  
pp 573-579.

Assoc Tech Serv  
RJ-365

36,123

Scientific - Biology

Jun 56/dax



B-Naphthol in the Control of Mold Fungi Which Attack  
Various Glues on Paper and on Cardboard, by S. G.  
Rytakova,

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 5, 1955,  
pp 608-610.

Asso Tech Sv RJ-429

37,080

\$6.40

PO Box 271, East Orange, N. J.

Sci - Biology

Aug 1956

V  
Seasonal Aspects and Periodicity in the Development  
of Soil Microorganisms, by B. A. Santsovich.

RUSSIAN, bimo per, Mikrobiol, Vol XXIV, No 5, 1955,  
pp 615-625.

Assoc Tech Serv RJ-368  
36,120

3  
Scientific - Biology

Jun 56/dex

(FDD 28555)

Joint Session of the Academic Councils of the  
Institute of Microbiology, Academy of Sciences USSR  
and of the All-Union Research Institute of the Hydro-  
lysis and Sulfite-Liquor Industry, by L. G. Loginova,  
10 pp.

RUSSIAN, bimo par, Mikrobiol, Vol XXIV, No 5,  
Moscow, Sep/Oct 1955, pp 641-644.

CIA/FDD U-6673

39,568

USSR

Sci - Medicine, ~~microbiology~~ microbiology

Oct 56

(FDD 28556)

Academic Session of the Sector of Microbiology of  
the Academy of Sciences Armenian SSR Devoted to  
Problems of the Effectiveness of Bacterial Fertil-  
izers, by A. K. Panosyan, 7 pp.

RUSSIAN, bimo per, Mikrobiol., Vol XXIV, No 5,  
Moscow, Sep/Oct 1955, pp 644-646.

CIA/FDD U-8874

39,566

USSR

Sci - Medicine, microbiology

Oct 56

(FDD 28557)

Conference on the Production of Enzyme Preparations,  
by L. I. Komrova, 7 pp.

RUSSIAN, bino per, Mikrobiol. Vol XXIV, No 5,  
Moscow, Sep/Oct 1955, pp 646-648.

CIA/FDD U-8875

39,567

USSR

Sci - Medicine, microbiology

Oct 56

(FDD 28558)

Defense of Dissertations, by L. I. Komarcova, 5 pp.

RUSSIAN, bimo per, Microbiol. Vol XXIV, No 5,  
Moscow, Sep/Oct 1955, pp 648, 649.

CIA/FDD U-8876

NRSA

Sci - Medicine, microbiology  
Oct 56

39,569

(FDD 29064)

On the Importance of Systematism for the Selection  
of Microorganisms, by V. I. Kudryavtsev, 13 pp

RUSSIAN, bimo per, ~~Mikrobiol~~, Vol XXIV, No 6,  
Moscow, Nov/Dec 1955, pp 665-670.

CIA/FDD U-9217

Sci - Medicine, microbiology 41,890

Nov 1956/CIS

The Lag Phase and Oxidation-Reduction Potential  
in Cultures of Anaerobes, by L. L. Rabotnova,  
N. A. Pryantshnikova, 8 pp.  
RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 6,  
1955, pp 671-676. 9692410  
US Army Biol Lab  
Tr No 841

Sci - B/M  
May 64

258,290



TT-64-12807

Verbina, N. M.  
ACCLIMATIZING YEASTS TO MEDIUM WITH HIGH  
ALKALINITY (Pryuchenie Drozhzhei k Povyshennoi  
Shchelochnosti Sredy)

G. Belkov, tr. 1964, 8p 6refs NRC Technical  
Trans. 1109.

Order from NRC \$0.50

NRC C-4712

Trans. of Mikrobiologiya (USSR) 1955, v. 24, no. 6,  
p. 681-684.

NLL 3732 1764 (1109)

- I. Verbina, N. M.
- II. NRC-TT-1109
- III. NRC-C-4712
- IV. National Research Council  
of Canada, Ottawa

(Biological Sciences--Microbiology. TT, v. 11, no. 11)

Office of Technical Services

On Certain Patterns of Intraspecies and Inter-  
species Interrelations of Actinomycetes, by  
G. K. Skryabin, 17 pp.

RUSSIAN, per, Mikrobiol, Vol XXIV, No 6, 1975,  
pp 690-696.

IC or SLA 99-10086

Sci & Biology  
Jan 79

81,493

Microbiology in Czechoslovakia, by I. A. Malik

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 6,  
Nov/Dec 1955, pp 731-739. CIA 9007442

USDA  
Kbur - Czechoslovakia  
Sci - Biology  
Jan 27 CTS

42,374

Sci Info Rpt No 8 - Sum 1015

>  
(FID 27305)

Work of the Scientific Research Institutions of the  
Chinese People's Republic in the Field of Microbiology,  
by Ye. N. Mieshustin, 16 pp.

RUSSIAN, bino per, Mikrobiol, Vol XXIV, No 6, Moscow,  
1955, pp 744-748.

CIA/FID U-81A6

34,798

USSR

Sci & Biology, microbiology

APW 56

(FID 23559)

Twenty-Fifth Anniversary of the Founding of the  
Institute of Microbiology, Academy of Sciences  
USSR, by N. N. Shumakhanova, 4 pp.

RUSSIAN, bino per, Mikrobiol. Vol XXIV, No 6,  
Moscow, Nov/Dec 1955, pp 749-750.

CIA/FID U-8879

USSR

Sci - Medicine, microbiology

Oct 56

39,571

On the Work of the Scientific-Research Institutes  
of the Chinese People's Republic in the Field of  
Microbiology, by E. N. Mishustin

XXIV

RUSSIAN, per, Mikrobiol., Vol XXX, No 6, Nov/Dec  
1955, pp 744-748. CIA 9007444

UNDA

S.L.A R-262

FE - China  
Sci - Biology  
Jan 57 CTS

42,375

(FDD 28560)

Conference on the Utilization in Animal Husbandry  
of Waste Products of the Lumber Industry, by L. I.  
Komarova, 4 pp.

RUSSIAN, bimo per, Mikrobiol, Vol XXIV, No 6,  
Moscow, Nov/Dec 1955, pp 751, 752.

CIA/FDD U-6880

39,570

USER

Sci - Medicine, microbiology

Oct 56

(FDD 28561)

Defence of Dissertations, by L. I. Komarova, 6 pp.

RUSSIAN, M DIBO PR, ~~Microbiol~~, Vol XXIV, No 6,  
Moscow, Nov/Dec 1955, pp 152, 153.

XXX CIA/FDD U-8881

USSR

Sci - Medicine, microbiology

Oct 56

39,572



Biodynamics of the Rhizosphere of Deciduous and  
Coniferous Tree-plantings in the Forest Steppe by  
S.A. Santsevich.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 1, 1956,  
pp 49-56

CSIRO

Oct. 62

The Effect of Putrefactive Aerobic Bacteria  
on the Corrosion of Steel in Sea Water, by  
I. B. Ulanovskiy, N. S. Nikitina, 6 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 1,  
1956, pp 66-71.

Assoc Tech Sv  
Tr 07H11R RJ-606

Sci - Biology

Jun 57 CIA/FID X-2440

48,693

Sci Muscov  
57/3164

Survey of the Physiology and Bio-Chemistry of  
Nitrifying Microorganisms, by E. L. Ruban, 6 pp.

RUSSIAN, per, Mikrobiol, Vol XXV, No 1, 1956,  
pp 103-106.

Sci Mus Lib No 56/2453

Sci - Biology

42,856

(FDD 28562)

Conference of Young Specialists at the Institute  
of Microbiology of the Academy of Sciences USSR,  
by L. I. Komarova, 2 pp.

RUSSIAN, bio per, Mikrobiol, Vol XXV, No 1,  
Moscow, Jan/Feb 1956, pp 134.

CIA/FDD U-8982

USSR

Sci - Medicine, microbiology  
Oct 56

41,135

(FDD 28563)

Defense of Dissertations, by L. I. Komarova,  
2 pp.

RUSSIAN, bimo per, Mikrobiol. Vol XXV, No 1,  
Moscow, Jan/Feb 1956, pp 134, 135

CIA/FDD U-8983

12558

Sci - Medicine, microbiology

41,136

Bacteria Decomposing the Protopectin of Plants,  
by V. A. Lambina.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 1,  
1956, pp 629-638.

DSIR LIJ M.1768  
(loan)

Sci - Biol

Oct 60

130,760  
~~130,759~~

On the Variability of Bac. Mesentericus, by  
I. D. Kiseakina.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 2,  
1956, pp 156-163. CIA 9035528

USDA

Sel - Medicine  
Feb 59

81, 213

Kallinenko, V. O. and Mefedova, N. A.  
BACTERIAL FOULING OF UNDERWATER PARTS OF  
SHIPS. [1961] 8p. (2 Eng. refs. 7 figs. omitted)  
16 refs.

Order from OTS or SLA \$1.10

62-10583

Trans. from Mikrobiologiya (USSR) [1956] v. 25, no. 2  
[p. 191-194].

DESCRIPTORS: \*Bacteria, Aquatic animals, \*Ships,  
\*Fouling, Antifouling coatings, \*Paints.

The problem of the correlation of bacteria and zoo-  
organisms of fouling is explained by studying glass  
tinted with toxic paints and immersed in tanks of  
circulating water and in water of a sea harbor. All the  
paints used now as anti-corrosive and anti-biological  
coatings are not toxic for marine bacteria. In the first  
24 hours microorganisms fastened to the painted sur-  
face, intensively multiply on it and cover the paint with  
(Biological Sciences--Microbiology, TT, v. 8, no. 6)  
(over)

62-10583

I. Kallinenko, V. O.  
II. Mefedova, N. A.

Office of Technical Services



The Feasibility of "Radiosynthesis," by S. I.  
Kuznetsov.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 2,  
Mar-Apr 1956, pp 195-199. CIA 9018811

USDA  
AEC 2884  
SLA 57-2926

Sci - Med

May 58

64,356

The Role of Microbial Processes in the  
Spontaneous Heating of Stacked Coal, by  
N. B. Zvereva.

RUSSIAN, per, ~~Microbiologiya~~, Vol XXV,  
No 2, 1956, pp 200-207.

Co-Op Trans Sch Tr 316

Sci - Physics  
Jul 57

50,747

Rubenchik, L. I.  
BACTERIAL FERTILIZERS. [1963] 28p. 91 refs.  
Order from OTS or SLA \$2.60 63-16125

Trans. of Mikrobiologiya (USSR) 1956, v. 25, no. 2,  
p. 231-242.

DESCRIPTORS: Bacteria, \*Fertilizers, Biosynthesis,  
\*Azotobacteraceae, Soils, Microbiology, Plants  
(Botany)

CSIRO/N05542

(Agriculture--Plant Cultivation, TT, v. 10, no. 5)

63-16125

I. Rubenchik, L. I.

Office of Technical Services

(FDD 28514)

Defense of Dissertations, by L. I. Komarova,  
6 pp.

RUSSIAN, vimo per, Microbiol, Vol XXV, No 2,  
Moscow, Mar/Apr 1956, pp 246, 247.

CIA/FDD U-8991

41,052

USSR

Sci - Medicine, microbiology

Oct 56

Nitrogen Metabolism of *Penicillium Chrysogenum*.  
I. Alteration of Nitrogenous Substances in  
Cultures of *Penicillium Chrysogenum* in the  
Process of Fermentation, by A. A. Melnikova  
and N. I. Surikova.

RUSSIAN, per, Mikrobiologiya, Vol XXV, 1956,  
pp 261-267.

INSDGC - F1893

Sci

Aug 58

72,786

Distant Hybridization of Yeasts. I. The Obtaining  
of Hybrids Between *Saccharomyces Cerevisiae*  
(Race XI) and *Schizosaccharomyces pombe*, by K. V.  
Kosikov.

RUSSIAN, per, Mikrobiologiya, Vol. XXV, No 3, 1959<sup>6</sup>,  
pp 275-278. CIA 9035525

USDA

Sci - Biology  
Feb 59

81,207

Application of the Fluorescent Microscopy Method  
in Differentiating Between Living and Dead  
Actinomycete Cells, by N. A. Krasil'nikov,  
N. N. Bekhtereva,

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 3,  
1956, pp 279-285.

ATS RJ-2264

Sci - Biology

May 60

115,493

Application of the Fluorescent Microscopy Method  
in Differentiating Between Living and Dead  
Actinomyces Cells, by N. A. Krasil'nikov, and  
M. H. Bekhtereva, 9 pp.

RUSSIAN, per, Mikrobiol. Vol XXV, No 3, pp 279-  
285.

Assoc Tech Sr  
672352

Sci - Biology  
Apr 59  
ONS V. I, No 5

85,923