

AFANAS'YEV, G.D.; BELINOV, B.P.; ZALESSKIY, B.V.; KUPLETSKIY, B.M.;  
LAPIN, V.V.; PETROV, V.P.; USTIYEV, Ye.K.

On the tenth anniversary of D.S. Bellankin. Izv. AN SSSR.  
Ser. geol. 28 no.10:103 0 '63. (MIRA 16:11)

AFANAS'YEV, G.D.; BAYUK, Ye.I.; BELIKOV, B.P.; VOLAROVICH, M.P.; ZALESSKIY,  
B.V.

Physical properties and the absolute age of certain rocks in  
India and Ceylon. Izv. AN SSSR Ser. geol. 29 no.3:22-42 Mr'64  
(MIRA 17:3)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, minera-  
logii i geokhimii AN SSSR i Institut fiziki zemli AN SSSR, Moskva.

LAVEROV, N.P.; BELIKOV, B.P.; IVANOV, I.B.

Absolute age of the intrusive rocks and the upper age boundary  
of igneous activity in the southwestern spurs of the northern  
Tien Shan. Izv. AN SSSR. Ser. geol. 29 no.10:103-113 0 '64.

(MIRA 17:11)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mine-  
ralogii i geokhimi AN SSSR, Moskva.

BELIKOV, B.P.; LAVEROV, N.P.; IVANOV, I.B.

Upper age boundary of magneous activity in the southwestern spurs of  
the northern Tien Shan. Dokl. AN SSSR 158 no.2:338-341 S '64.

(MIRA 17:10)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii  
i geokhimi AN SSSR. Predstavleno akademikom D.I.Shcherbakovym.

L 40027-66 EWT(1) OW

ACC NR: AP6004990

SOURCE CODE: UR/0011/66/000/002/0003/0019

AUTHOR: Aleksandrov, K. S.; Belikov, B. P.; Ryzhova, T. V.

ORG: Institute of Physics, SO AN SSSR, Krasnoyarsk (Institut fiziki SO AN SSSR); IGEM AN SSSR, Moscow

TITLE: Calculation of elastic parameters of rocks on the basis of mineral composition

SOURCE: AN SSSR. Izvestiya. Seriya geologicheskaya, no. 2, 1966, 3-19

TOPIC TAGS: elastic modulus, propagation velocity, porosity, multiphase rock, MINERAL, MINERALOGY

ABSTRACT: Elastic moduli of rocks with uniphase and multiphase were investigated on the basis of quantitative evaluation of their composition. The data were compared with the experimental values obtained from some selected rocks. Because the errors in the determination of the elastic properties of minerals usually range from 3 to 10%, the Voigt-Reuss-Hill method, described in detail by Belikov (1964), was employed for studying uniphase rocks; it was assumed that a multicomponent aggregate is elastically isotropic. A formula

$$\frac{1}{A'} = \sum_i \frac{V_i}{A_i}$$

was used for the evaluation of the mean elastic modulus (A') of an aggregate, where V<sub>i</sub> is the specific volume of i component and A<sub>i</sub> is the elastic modulus of i mixture component. Some experimental values of the elastic properties were obtained using the

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UDC: 552.12 + 549.1

L 40027-66

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velocities of propagation of transversal and longitudinal waves in selected specimens at zero pressure. Assuming that the elastic properties of rocks are determined mainly by the elastic properties of their components, (with porosity and structure playing an insignificant role) the elastic moduli of multiphase rocks collected in various parts of the Soviet Union were determined using a method developed by Aleksandrov and Nosikov (1956). The data were compared with the values obtained from the velocities of propagation of elastic waves in selected rock specimens. The data show that for the uniphase rocks, the deviations of the experimental values from the calculated ones generally do not exceed 5%, and the mean square deviations are 3.12% and 5.30% for the longitudinal and transversal waves, respectively; however, the elastic moduli have somewhat larger mean deviations from the calculated values in comparison to the velocities of propagation of elastic waves. In general, if there is no great degree of porosity, the elastic properties of these minerals can be well evaluated with the application of the Voigt-Reuss-Hill method. The study of the multiphase minerals shows that the velocities of propagation of elastic waves agree well with the experimental data and do not deviate more than 5%, even for the porous rocks. The computed elastic moduli of the multiphase rocks do not deviate more than 6-7% from their experimental values. The authors thank their colleagues -- V. M. Korobkova at the Institute of Physics and I. A. Gartman, L. P. Solodova, Ye. A. Sapina and Z. G. Khaustova at IGYeM, for assistance in carrying out the work. The authors also thank personnel of the mineralogical museums of the AN SSSR, MGRI, Leningrad Mining Institute and L'vov University for providing the mineral specimens. Acknowledgement is also

ACC NR: AT6034505

SOURCE CODE: UR/0000/66/000/000/0064/0075

AUTHOR: Afans'yev, G. D.; Bayuk, Ye. I.; Belikov, B. P.; Borsuk, A. M.; Volarovich, M. P.; Zalesskiy, B. V.; Pavlogradskiy, V. A.; Sinyanov, I. Z.

ORG: none

TITLE: Preliminary data obtained by correlating physical properties of rocks from Northern Caucasus with geological and geophysical data

SOURCE: AN SSSR. Otdeleniye nauk o Zemle. Nauchnyy sovet po kompleksnym issledovaniyam zemnoy kory i verkhney mantii. Glubinnoye stroyeniye Kavkaza (Abyssal structure of the Caucasus). Moscow, Izd-vo Nauka, 1966, 64-75

TOPIC TAGS: geophysics, seismic prospecting, petrology, stratigraphy,  
/Caucasus

ABSTRACT: The most important of the different age associations of igneous rocks in some of the structural zones of Northern Caucasus (the piedmont region, the foothills, the transverse depression zone, the granitoid zone and the axial zone of the Major Caucasus ridge) are described. The post-Selurian, post-Lower Carbonaceous, pre-Triassic, post-Lower Jurassic, pre-Middle Cretaceous and Cenozoic formations are described. The magmatic geology of Northern Caucasus is compared with geophysical data. A new scheme is suggested for the deep structure of the territory. The ancient basement is shown to consist of Hercynian and older formations. In

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ACC NR: AT6034505

particular, a substage of lower Middle Paleozoic formations is differentiated. It differs greatly in respect to its physical properties from younger rocks of Upper Paleozoic and Mesozoic ages. In the region of the Major Caucasus this substratum has been completely reworked by upper Paleozoic granitic intrusions. The ancient rocks outcrop in a few areas; however, to the East the Caledonian basement is covered by Mesozoic and possibly Upper Paleozoic formations. It is believed that the deep seismic sounding conducted near El'kholovo has located the buried extension of the Caledonia structure of the Western Caucasian foothills. Orig. art. has: 6 figures and 1 table.

SUB CODE: 08/ SUBM DATE: 26Feb66/ ORIG REF: 020/ OTH REF: 001

Card 2/2



BELIVCOV, BORIS STEPANOVICH.

TSsentral'nyi telefonnyi uzel g. Moskvy. [Moscow central telephone exchange]. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1942. 32 p. ports. (Opyt luchsnikh - v massy). DLC: RB9269. M5B4

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

Belikov, B.S.

SERGEYCHUK, K.Ya., redaktor; BAYEV, N.A., redaktor; NAUMOV, P.A., redaktor;  
BELIKOV, B.S., redaktor; VEYNTRAUB, L.B., tekhnicheskii redaktor.

[Engineers' and mechanics' manual of electric communications]  
Inzhenerno-tekhnicheskii spravochnik po elektrosvazi. Moskva,  
Gos. izd-vo lit-ry po voprosam svyazi i radio. Vol.5 [Telegraphy]  
Telegrafiia. 1946. 251 p. (MLRA 9:6)

1. Russia (1923- U.S.S.R) Ministerstvo svyazi.  
(Telegraph)

MOSKVICHEVA, V.V.; SAMORUKOV, D.A.; AFANAS'YEV, P.V., otvetstvennyy  
redaktor; BELIKOV, B.S., redaktor; VEYNTAUB, L.B., tekhnicheskii  
redkator

[The long-distance telephone operator] Telefonistka mezhdugorodnoi  
telefonnoi stantsii. Moskva, Gos. izd-vo lit-ry po voprosam sviasi  
i radio, 1951. 171 p. [Microfilm] (MLRA 7:10)  
(Telephone--Operators' manuals)

KOTKOV, I.I.; ~~BELIKOV, B.S.~~ v.o.golovnoho inzhenera; TRAKHTENBERG, M.Yu.,  
gologniy konstruktor; KLEVAYCHUK, P.I.; FILATOVA, O.I.; KRAVCHENKO,  
O.M.; RODENKO, G.O.; BARDASH, O.P., spetredaktor

[Dwellings of two rooms and a kitchen-dining room] Zhylyi budynok na  
dvi kimnaty z kukhneiu-idal'neiu. Proekt No.o75. Kyiv, Vydavnychi  
viddil, 1953. 18 plans. (MLRA 9:12)

1. Ukraine. Upravlinnya v spravakh sil'skogo i kolgospnogo  
budivnytstva. 2. Direktor Diprosil'budu (for Kotkov) 3, Kerivnik  
APM-3 (for Klevaychuk)  
(Dwellings)

KARMAZOV, M.G.; BELIKOV, B.S., redaktor; MOROZOVA, T.M., tekhnicheskii redaktor

[Automatic telephony; with a supplement collection of diagrams]  
Avtomaticheskaya telefoniya; s prilozheniem al'boma skhem. 3-e, perer. izd. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1953. 289 p. [Microfilm] (MIRA 8:6)  
(Telephone, Automatic)

STOLYAROV, Nikolay Dmitriyevich; LUSKINOVICH, N.V., otvetstvennyy redaktor; BELIKOV, B.S., redaktor; SOKOLOVA, R.Ya., tekhnicheskiy redaktor.

[Repair of interurban overhead communication lines with larger work teams; experience of the Michurinsk wire communication center] Remont meshdugorodnykh vozdushnykh liniy svyazi ukрупlennoi kolonnoi; iz opyta raboty Michurinskogo lineino-tekhnicheskogo uzla. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1954. 31 p.

(MLRA 7:11)

(Michurinsk--Telegraph lines--Maintenance and repair)  
(Telegraph lines-- Maintenance and repair--Michurinsk)  
(Michurinsk--Telephone lines--Maintenance and repair)  
(Telephone lines--Maintenance and repair--Michurinsk)

GRIGORYEV, V.I.; OKSMAN, M.I., redaktor; BELIKOV, B.S., redaktor;  
SOKOLOVA, R.Ya., tekhnicheskiy redaktor.

[Automatic stations of subscription telegraph, type ATA-50;  
with supplementary series of diagrams] Avtomaticheskie stantsii  
abonentskogo telegrafa tipa ATA-50; s prilozheniem kompleksa  
skhem. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio,  
1954. 31 p. (MLRA 7:12)  
(Telegraph--Automatic systems)

NIKOL'SKIY, Konstantin Konstantinovich; PEL'TS, F.A., redaktor; BELIKOV  
B.S.: redaktor; KHELEMSKAYA, L.M., tekhnicheskiy redaktor.

[Measurements on interurban cables when protecting them against  
corrosion] Izmereniia na mezhdugorodnykh kabeliakh pri zashchite  
ikh ot korrosii. Moskva, Gos.izd-vo lit-ry po voprosam svyazi i  
radio, 1954. 43 p. (MLRA 8:8)

(Electric cables)



GUROV, Vadim Sergeevich; ABOLITS, I.A., redaktor; BELIKOV, B.S., redaktor  
SOLOV'YEVA, L.P., tekhnicheskii redaktor.

[Automatic control of power level on long distance communication  
lines] Avtomaticheskoe regulirovanie urovnia peredachi na liniakh  
dal'nei svyazi. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i  
radio, 1954. 47 p. (MLRA 8:8)  
(Telecommunications)

MIKHAYLOV, M.I., otvetstvennyy redaktor; BELIKOV, B.S., redaktor;  
KHRELEMSKAYA, L.M., tekhnicheskiiy redaktor

[Provisional instructions on planning the protection of interurban  
cables from corrosion] Vremennaya instruktsiia po proektirovaniu  
zashchity mezhdugorodnykh kabelei ot korrozii. Moskva, Sviaz'izdat,  
1954. 52 p. [Microfilm] (MLRA 9:12)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. Glavnoye  
upravleniye lineyno-kabel'nogo khozyaystva.  
(Cables) (Corrosion and anticorrosives)

BEZIKOV, B.S.

RAMENSKIY, Boris Nikolayevich; LUSKINOVICH, Nilolay Vasil'yevich; KARDASHEV,  
Nikolay Dmitriyevich; BEZIKOV, B.S., redaktor; SOKOLOVA, R.Ya.,  
tekhnicheskii redaktor

[Operation of telegraph and telephone lines and cables] Eksploatatsiia  
lineino-kabel'nogo khoziaistva. 2-e, ispr. i dop. izd. Moskva, Gos.  
izd-vo lit-ry po voprosam sviasi i radio, 1954. 157 p. (MLRA 8:4)  
(Telegraph lines) (Telephone lines)

VOZNESENKIY, B.N.; LOGINOV, D.F. [deceased]; GRANAT, M.B.; BELIKOV, B.S.,  
redaktor; SKOLOVA, R.Ya., tekhnicheskiy redaktor

[Album of basic circuits for combined operation of dial telephone  
exchanges with machine-switching and step-by-step systems] Pro-  
meshutochnoe oborudovanie dlia sovmestnoi raboty ATS mashinnoi i  
shagovoi sistem. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i  
radio, 1954. 187 p. [Microfilm] (MIRA 8:6)  
(Telephone, Automatic)

LESHCHINSKIY, Aleksandr Aleksandrovich; BLOKHIN, A.S., redaktor; BELIKOV,  
B.S., redaktor; KHELEMSKAYA, L.M., tekhnicheskij redaktor

[High-frequency telephone communication through coaxial cables]  
Vysokochastotnaia telefonnaia sviaz' po koaksial'nomu kabeliu.  
Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1955. 52 p.  
(Telephone cables) (MIRA 9:2)

~~BELIKOV, Boris Stepanovich; VARSHAVSKIY, Boris Georgiyevich; GUSEV, SIMON Stepanovich; KOROBOV, Yuriy Mikhailovich; PAPERNOV, Lev Zakharovich; PETROVSKIY, Stepan Ignat'yevich, [deceased]; YAKUSHEV, M.I., redaktor; PAPINAKO, I.G., redaktor; LEDNEVA, N.V., tekhnicheskii redaktor~~

[Postal and telegraph agent] Pochtovo-telegrafnyi agent. Moskva, Gos.izd-vo lit-ry po voprosam svyazi i radio, 1955.  
254 p. (MLRA 9:4)

(Postal service) (Telegraph)

NOVIKOV, Vasil'y Vasil'yevich; PEREGUDOV, A.N., redaktor; BELIKOV, B.S.,  
redaktor; SOKOLOVA, R.Ya., tekhnicheskiy redaktor

[Telegraph station supervisor] Stantsionnyi nadsmotrshchik  
telegrafa. Moskva, Gos.izd-vo lit-ry po voprosam svyazi i radio.  
1955. 488 p. (MIRA 9:2)

(Telegraph stations)

KULDYSHEV, Ivan Kapitonovich; KON'KOV, V.I., otvetstvennyy redaktor;  
BELIKOV, B.S., redaktor; VEYNTAUB, A.B., tekhnicheskiy redaktor

[My experience with servicing CT-35 telegraphic equipment] Moi  
opyt obsluzhivaniya telegrafnykh apparatov ST-35. Moskva, Gos. izd-vo  
lit-ry po voprosam svyazi i radio, 1956. 33 p. (MLRA 9:7)  
(Telegraph--Apparatus and supplies)



BELIKOV, BORIS STEPANOVICH

N/5  
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TELEGRAF I TELEFON [TELEGRAPH AND TELEPHONE] MOSKVA, GOSTEKHIZDAT,  
1958.

60 [2] P. ILLUS., DIAGRS (NAUCHNO-POPULYARNAYA BIBLIOTEKA, VYP. 99)  
"LITERATURA"; P. [62]

KOMAROV, Boris Sergeyevich, prof. [deceased]; PIONTKOVSKIY, B.A., otv. red.;  
BELIKOV, B.S., red.; MARKOCH, K.G., tekhn. red.

[Current supply for wire communication] Elektropitanie pred-  
priyatii provodnoi svyazi. Izd. 2., ispr. i dop. Moskva, Gos.  
izd-vo lit-ry po voprosam svyazi i radio, 1958. 351 p. (MIRA 11:12)  
(Telephone--Current supply) (Telegraph--Current supply)

MIKHAYLOV, Mikhail Ivanovich, doktor tekhn.nauk. Prinsipal uchastiye:  
RAZUMOV, L.D., GRODNEV, I.I., retsenzent; GRACHEV, I.S.,  
otv.red.; BELIKOV, B.S., red.; MARKOCH, K.G., tekhn.red.

[Effect of external electromagnetic fields on communication  
lines and protective measures] Vliianie vneshnikh elektro-  
magnitnykh poloi na tsepi provodnoi sviazi i zashchitnye  
meropriiatia. Moskva, Gos.izd-vo lit-ry po voprosam sviazi  
i radio, 1959. 582 p. (MIRA 12:9)  
(Telecommunication--Equipment and supplies)

BELIKOV, Boris Stepanovich; VARSHAVSKIY, Boris Georgiyevich; GUSEV, Simon Stepanovich; PAPERNOV, Lev Zakharovich; ZAKHAROVA, N.V., red.; ROMANOVA, S.F., tekhn. red.

[Manual for workers in the postal, telegraph, and telephone communication services] Operator pochtovo-telegrafno-telefonnoi sviazi. By B.S.Belikov i dr. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1961. 215 p. (MIRA 15:1)  
(Telecommunication)

BELIKOV, B.V.

Seminar on the work experience of nonferrous metallurgy  
enterprises of the Ukrainian S.S.R. in the areas of  
efficiency and inventions. TSvet. met. 38 no.2:96 F '65.  
(MIRA 18:3)

GAMOV, M.I.; BELIKOV, G.I.

Detection of *Corynebacterium diphtheriae* in urine. Zhur. mikrobiol.,  
epid. i immun. 27 no.1:100-101 Ja '56 (MLRA 9:5)

1. Iz kafedry epidemiologii Irkutskogo meditsinskogo instituta.  
(DIPHTHERIA--BACTERIOLOGY)

BELIKOV, G.I.

Letter to the editor. Zhur.mikrobiol.epid.i immun. no.4:82-83 Ap '54.

(MIRA 7:5)

(Epidemics) (Nemshilova, M.A.)

BELKOV, G.M., inzh.; LITENKO, N.T., inzh.

Effect of the austenite grain size on the plasticity of 9KhF  
steel. Metalloved. i term. obr. met. no.6:21-24 Je '61.

(MIRA 14:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii  
mashinostroyeniya.

(Steel—Metallography)  
(Plasticity)



ZHDANOV, V.M.; BELIKOV, G.P.

Brief news. Zhur. mikrobiol., epid. i immun. 42 no.1:148-152:  
Ja '65. (MIRA 18:6)

1. General'nyy sekretar' Sovetskogo natsional'nogo organizatsionnogo komiteta IX Mezhdunarodnogo kongressa po mikrobiologii (for Zhdanov).
2. Sekretar' pravleniya Vsesoyuznogo obshchestva epidemiologov, mikrobiologov i infektsionistov (for Belikov).

Country : USSR F  
Category : Microbiology-Antibiosis and Symbiosis. Antibiotics  
Abs. Jour : Ref Zhur - Biol., No.19, 1966, 85986  
Author : Belikov, G.P.  
Institut. :  
Title : Sensitivity Determinations of Pathogenic Staphylococci with respect to Antibiotics by the Method of Paper Indicator Disks  
Orig Pub. : Sb.: Antibiotiki. Eksperim.-Klinich. Izuch., Moscow, 1966, 227-231  
Abstract : Studies were made of the sensitivity of 242 strains of pathogenic staphylococci to penicillin, biomyacin, levomycetin, streptomycin, and albomycin by the method of paper indicator disks. Methods are described for preparing the disks. Of 82 penicillin resistant strains, 15 were simultaneously resistant to one other and 14 to two other antibiotics. Of penicillin sensitive strains, resistance to streptomycin was established only in one, and to albomycin in ten. - N.S.Pevzner

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-10-

BELIKOV, G.P.; KUDRYAVTSEVA, T.T.; ANTONOVA, A.A.; GUGHYAYEV, I.E.;  
KAZARINA, E.N.

Resistance of Shigella flexneri to synthomycin, streptomycin, and  
biomycin. Zhur. mikrobiol. epid. i immun. 27 no.2:35-41 P'56  
(MIRA 9:5)

1. Iz Instituta farmakologii i eksperimental'noy khimioterapii  
AMN SSR.

(SCHIGELLA

flexneri, eff. of synthomycin, streptomycin & biomycin,  
resist.)

(ANTIBIOTICS, eff.

biomycin & synthomycin on Schigella flexneria resist.)

(STREPTOMYCIN, eff.

on Schigella flexneri resist.)

EXCERPTA MEDICA Sec 4 Vol. 10/9 Microbiology Sept 57

2043. BELIKOV G. P., KUDRYAVTSEVA T. T., GUGNYAEV I. E., and BLEI L. Y. Inst. of Pharmacol. and Exp. Chemother. of the Acad. of Med. Sci. of the U. S. S. R., Moscow. \*Biomycin in anthrax infection in man (Russian text) Z. MIKROBIOL. 1956, No. 4 (106-112) Vol. 27.

The authors studied the action of biomycin (an analogue of aureomycin) and of a series of other preparations on a highly virulent laboratory strain of B. anthracis and on a weakly virulent strain of Cienkowsky's second vaccine. In experiments in vitro the following concentrations of antibiotics proved sufficient for complete inhibition of growth of cultures: biomycin 1-2, aureomycin 2-4, streptomycin 8-16, sintomycin 32-62 and penicillin 64-128 g./ml. In experiments in vivo white mice were infected with cultures of B. anthracis in such a way that 100% of the mice died in the course of 48 hr. Treatment of the mice with sulphidin (1 mg./g.) and with sintomycin (0.2 mg./g.) had very little effect. Penicillin (40 units/g.) protected only about 50% of the mice. Biomycin in a dose of 0.2 mg./g. and aureomycin in a dose of 0.05 mg./g. by mouth protected all the treated animals from death. Since human infections with anthrax are rarely seen in the U. S. S. R., the authors had the opportunity of testing the efficacy of biomycin in only 3 patients. Two patients received biomycin 0.5 g. four times a day and also penicillin and specific serum. The third patient (cutaneous form of anthrax) received only biomycin 0.5 g. four times a day for 7 days. The treatment gave a good therapeutic result in all three cases. In the authors' opinion, the efficacy of penicillin in anthrax is somewhat less than that of biomycin.

Kaulen - Moscow

BELIKOV, G.P. (Cand. of Med. Sci.)

"Determining Sensitivity of Pathogenic Staphylococci to Antibiotics by Means of Paper Test Discs,"

p. 227 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. p. 405, Moscow, Medgiz, 1957.

USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour : Ref Zhur - Biol., No 12, 1958, 52804

Author : Belikov, G.P., Kudryavtseva, T.T., Antonova, A.A.

Inst : -

Title : The Problem of Cross Resistance of Dysentery Bacillus to Antibiotics.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiologii, 1957, No 6, 116-122.

Abstract : 78 strains resistant to different doses of synthomycin (1.6, 6.25, 250 and 500  $\mu$ /ml), isolated from patients with Sonne and Flexner dysentery bacteria (39 cultures each) were selected. A study of their sensitivity to other anti-bacterial preparations-- bionycin, streptomycin, and sulfamides-- showed that strains resistant to syntomycin do not exert a cross-resistance to the agents enumerated above. In experiments on mice infected with a strain resistant to syntomycin, the latter exerted no

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*Belikov*  
BELIKOV, G.P.; DENVYATOVA, L.N.

First All-Russian Conference of Epidemiologists, Microbiologists  
and Specialists in Infectious diseases. Zdrav. Ros. Feder. 2 no.1:  
45-47 Ja '58. (MIRA 11:2)  
(EPIDEMIOLOGY) (MICROBIOLOGY)  
(COMMUNICABLE DISEASES)

HELIKOV, G.P., DEVIATOVA, L.N.

Expanded plenary session of the administration of the All-Russian  
Medical Society of Epidemiologists, Microbiologists and Specialists  
in Infectious Diseases. Zdrav.Ros.Feder. 2 no.11:45-47 N '58

(MIRA11:12)

(COMMUNICABLE DISEASES)



BOLDYREV, T.Ye., prof., red.; BELIKOV, Georgiy Petrovich, red.

[First All-Russian Conference of Epidemiologists, Microbiologists, and Specialists in Infectious Diseases, June 1957] Pervais Vse-rossiiskaia konferentsiia epidemiologov, mikrobiologov i infektsionistov. Pod obshchei red. T.E.Boldyreva. Moskva, Vseros.nauchn. i med.ob-vo epidemiologov, mikrobiologov i infektsionistov, 1959. 298 p. (MIRA 13:11)

1. Vserossiyskaya konferentsiya epidemiologov, mikrobiologov i infektsionistov. 1st. Kulbyshev, 1957. 2. Chlen-korrespondent AMN SSSR (for Boldyrev).

(EPIDEMIOLOGY--CONGRESSES)

DEVIATOVA, L.N.; BELIKOV, G.P.

Organization activities of the administration and local chapters  
of the All-Russian Medical Society of Epidemiologists, Microbio-  
logists, and Specialists in Infectious Diseases, 1958-1959 D '59.  
(MIRA 13:5)

(BACTERIOLOGICAL SOCIETIES)

BELIKOV, G.P.

Problem of the increase in resistance of pathogenic bacteria to  
antibiotics. Antibiotiki 4 no.5:118-120 S-0 '59. (MIRA 13:2)  
(ANTIBIOTICS) (BACTERIA, EFFECT OF DRUGS ON)

BELIKOV, G.P.; DANILKOVA, A.I.

Sensitivity of conjunctival microflora to certain antibiotics in trachoma. Antibiotiki 5 no.3:93-96 My-Je '60. (MIRA 14:6)

I. Institut glaznykh bolezney imeni Gal'mgol'tsa.  
(ANTIBIOTICS) (CONJUNCTIVITIS, GRANULAR)

BELIKOV, G.P.

"Principles and practice in the treatment of infectious diseases"  
by K.V.Bunin. Reviewed by G.P.Belikov. Zhur.mikrobiol. epid. i  
immun. 31 no.3:138-141 Mr '60. (MIRA 14:6)  
(BUNIN, K.V.) (COMMUNICABLE DISEASES)

BELIKOV, G.P.

"Methods of experimental chemotherapy." Edited by G.N.Pershin.  
Reviewed by G.P.Belikov. Zhur. mikrobiol. epid. i immun. 32 no.7:  
148-149 Je '61. (MIRA 15:5)  
(CHEMOTHERAPY) (PERSHIN, G.N.)

SHAPIRO, S.Ye., dots.; PIOTROVICH, A.K., kand. med. nauk; BUNIN, K.V.,  
prof., red.; BELIKOV, G.P., red.; MATVEYEVA, M.M., tekhn. red.

[Antibiotic therapy with levomycetin and synthomycin in  
typhoid and paratyphoid fever] Antibiotikoterapiia levomi-  
tsetinom i sintomitsinom briushnogo tifa i paratifov. Pod red.  
K.V.Bunina. Moskva, Medgiz, 1962. 193 p. (MIRA 15:3)  
(LEVOMYSETIN) (CHLOROMYCETIN) (TYPHOID FEVER)  
(PARATYPHOID FEVER)

PERSHIN, G.N.; BELIKOV, G.P.; YAKOVLEVA, A.I.; SHIKHIREVA, M.V.

Viral hepatitis in mice as a model for chemotherapeutic re-  
search. Vop. virus 8 no.5:574-579 S-0'63 (MIRA 17:1)

Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevtiches-  
kiy institut imeni Sergo Ordzhonikidze, Moskva.



YAKOVLEVA, A.I. (Moskva); PERSHIN, G.N. (Moskva); BELIKOV, G.P. (Moskva);  
SHIKHIREVA, M.V. (Moskva)

Morphological characteristics of viral hepatitis in mice.  
Arkh. pat. 25 no.5:67-71 '63. (MIRA 17:2)

1. Iz otdela khimioterapii (zav. - chlen-korrespondent AMN  
SSSR prof. G.N. Pershin) Vsesoyuznogo nauchno-issledovatel'-  
skogo khimiko-farmatsevticheskogo instituta imeni S.  
Ordzhonikidze.

PERSHIN, G.N.; BELIKOV, G.P.; DANIELYAN, N.M.; KATUNINA, V.I.

Antibacterial and antiviral effect of some lactones and lactams.  
Zhur. mikrobiol., epid. i immun. 41 no.3:109-114 Mr '64.

(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy  
institut imeni Ordzhonikidze i Tsentral'nyy nauchno-issledovatel'skiy  
dezinfektsionnyy institut.

PERSHIN, G.N.; BELIKOV, G.P.

Susceptibility to mouse hepatitis virus of mice with different hereditary properties. Acta virol. 8 no.5:448-453 S '64.

1. The S. Ordzhonikidze All-Union Scientific Research Institute of Pharmaceutic Chemistry, Moscow, U.S.S.R.

MEL'NIKOVA, V.M.; BELIKOV, G.P.; PODKOLZIN, V.A.

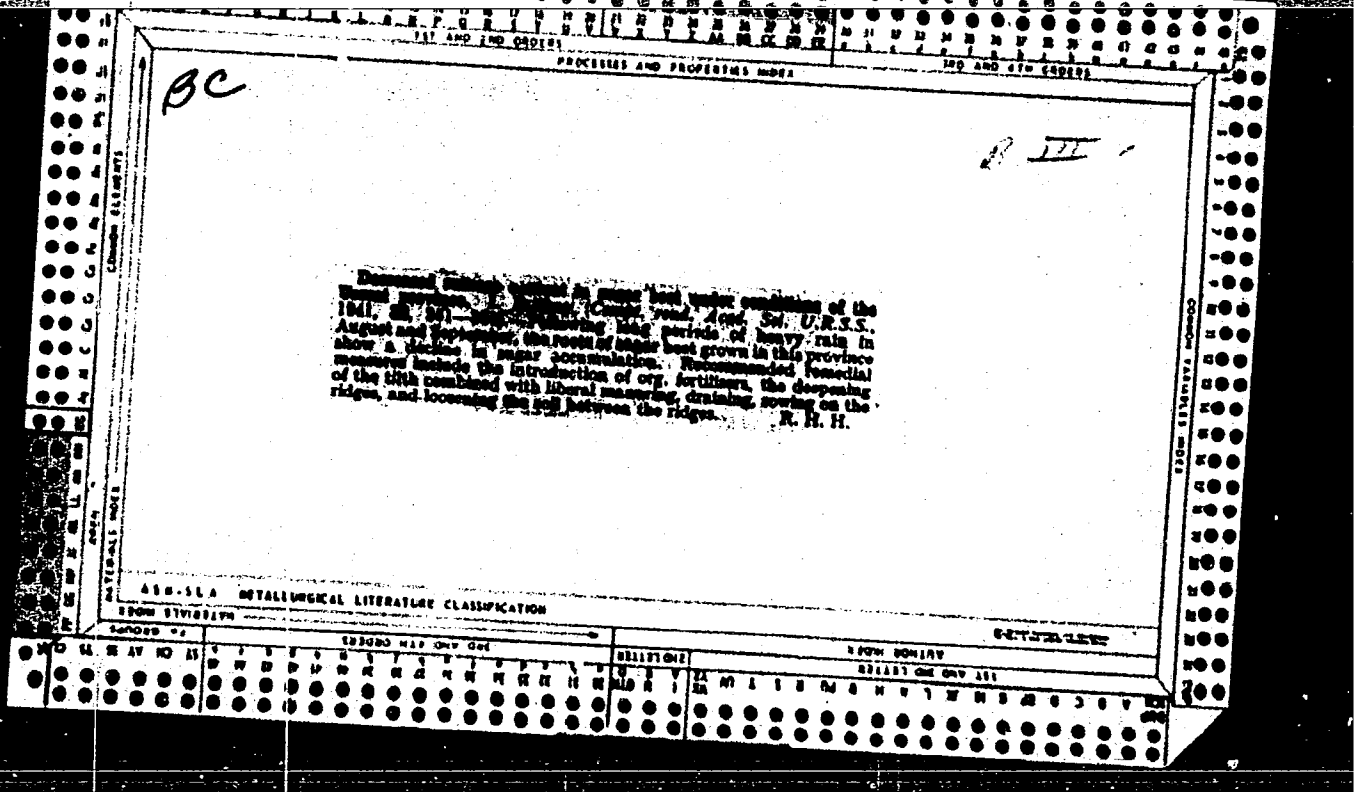
Use of  $\beta$ -propiolactone for the sterilization of some tissue  
grafts. Ortop., travm. i protez. 25 no.4:33-36 Ap '64  
(MIRA 18:1)

1. Iz TSentral'nogo instituta travmatologii i ortopedii (direk-  
tor - chlen-korrespondent AMN SSSR prof. M.V. Volkov) i Vse-  
soyuznogo khimikofarmatsevticheskogo instituta imeni S.Ordzhe-  
nikovidze (direktor - prof. M.V. Rubtsov). Adres avtorov: Moskva,  
A-299, Novaya Ipatovka, d.8., TSentral'nyy institut travmato-  
logii i ortopedii.

BELIKOV, G.P.; VERZIN, A.A.

Use of neomycin (colimycin) in local therapy of infectious diseases of eyelids, conjunctiva and cornea. Antibiotiki 10 no.5:466-470 My 165.  
(MIRA 18:6)

1. 1-ya Yaroslavskaya gorodskaya klinicheskaya bol'nitsa.



KURENTOV, A.I., doktor biolog.nauk; KOLESNIKOV, B.P., otv.red.;  
BELIKOV, I.F., kand.biolog.nauk, red.; KARASEV, K.I., kand.  
khimicheskikh nauk, red.; SHABLIOVSKIY, V.V., red.; SHIPULIN,  
F.K., kand.geologo-mineral.nauk, red.; GONCHAR, G.V., tekhn.red.

[Zoogeographic zones of the Maritime Territory] O zoogeograficheskikh  
okrugakh Primorskogo kraia. Vladivostok, DV baza AN SSSR, 1947.  
34 p. (Komarovskie chteniia, no.1) (MIRA 12:7)  
(Maritime Territory--Zoogeography)

CA

11 D

Carbohydrate and nitrogen metabolism of sugar beets after regrowth of the assimilating organs. I. P. Belitov (Far Eastern Base, Acad. Sci., U.S.S.R.). *Biochimica* 13, 373-8(1947).—In the region of the Far East, during August-September, the sugar beets lose a considerable portion of their leaves. Very often, out of 20-30 leaves on a single plant, only 4-5 young leaves remain; occasionally, the roots are completely leafless for long periods of time. During September-October, the assimilating organs begin to grow anew. Studies on sugar beets whose leaves had been artificially removed showed a large decrease in the weight of the roots and in the sucrose content, and an increase in certain  $\delta$ -rotatory, nonreducing substances detd. polarimetrically. The total N decreased by 7%, at the expense of proteins. The nonprotein N increased. The ash content decreased from 0.76 to 0.61%. The poor sugar yield in the Far East is thus largely due to the loss of the assimilating app. at a crit. period in the life of the sugar-beet plant.

H. Priestley

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PROCESSES AND PROPERTIES INDEX

11-D

CA

Effect of atmospheric precipitation on the nitrogen composition of the sugar beet in its ontogenetic development.

I. F. Belikov. *Sukharnaya Prom.* 20, No. 1, 30-43(1947) (in Russian).—With decreasing moisture content in the soil, during periods of drought, the synthesis of proteins in the roots is slowed down; towards the end of the drought, proteins are hydrolyzed; this is observed at a moisture content in the root of 71.8%. The amt. of protein, relative to total N, increases sharply with beginning rainfall. Nonprotein N increases in drought and decreases with increasing moisture. The curve of sugar accumulation in the roots is parallel to that of the nonprotein N. Total N increases in drought and decreases in rainfall. On second growth of leaves, after removal of the old ones, total N in the root decreased by 7% at the expense of protein; at the same time, nonprotein N increased by 18%.  
N. Thon

ASNT-ISA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

BELIKOV, I.F.

Influence of phosphate feeding on sugar accumulation in sugar beets  
under Maritime Territory conditions. Soob. Prim. otd. VKHO no.1:45-55  
'51. (MIRA 11:2)

(Phosphates) (Maritime Territory--Sugar beets)

BELIKOV, I. F.

Biochemical characteristics of some Maritime Territory strawberries,  
Soob. Prim. otd. VKHO no.1:57-60 '51. (MIRA 11:2)  
(Maritime Territory--Strawberries)

BELIKOV, I.F.; TKACHENKO, I.G.

Soybean in the Far East. Masl.-zhir.prom. 13 no.6:6-8 Je '53. (MLBA 6:6)

1. Dal'nevostochnyy filial Akademii nauk SSSR (for Belikov).
2. Primorskaya selektsionnaya stantsiya (for Tkachenko). (Siberia, Eastern--Soybean)

USSR/Biology - Ginseng

Card 1/1 : Pub. 124 - 20/29

Authors : Belikov, I. F., Cand. of Biol. Sc.

Title : Cultivation and utilization of ginseng

Periodical : Vest. AN SSSR 6, 88-89, June 1954

Abstract : Minutes of meeting held at the Biological Sciences Branch of the Academy of Sciences USSR where the cultivation of the grassy plant ginseng and its utilization as a medicinal herb, were discussed.

Institution : ...

Submitted : ...

BELIKOV, I. F.

USSR/Biology - Plant Physiology

Card : 1/1

Authors : Belikov, I. F.

Title : Certain biological characteristics of soybean in connection with the thickness of its sowing

Periodical : Dokl. AN SSSR, 96, Ed. 4, 829 - 831, June 1954

Abstract : The effect of soybean sowing-thickness on the biological productivity of its plants was investigated. In spite of the great number of plants coming up during thick sowing the total yield of soybeans was more than seven times lower than during sparse sowing. Four references. Tables.

Institution : Far-Eastern Branch of the Acad. of Sc., USSR.

Presented by: Academician A. L. Kursanov, April 1, 1954

*BELIKOV, I. F.*

USSR/ Agriculture

Card 1/1      Pub. 124 - 7/45

Authors      : Belikov, I. F., Cand. of Biol. Sc.

Title         : Control of the light factor of soy bean plants

Periodical   : Vest. AN SSSR 2, 44-46, Feb 1955

Abstract     : The effect of the light factor on the productivity of soy-bean plants is discussed. One USSR reference (1953). Illustration.

Institution   : .....

Submitted    : .....

BELIKOV

Movement and distribution of products of photosynthesis in soybean during vegetation period. I. P. Belikov (Far Eastern Branch, Acad. Sci. U.S.S.R., Vladivostok); *Botan. Zhurn. Akad. Nauk S.S.S.R.* 2, 354-7(1955); *J. C.A.* 49, 149154.—Up to the time of formation of seeds in the pods in soybean plant the assimilated matter enters the sites of growth of stems and young growing leaves. With formation of seeds the assimilated matter flows to formation of the fruit and the photosynthetic products are directed to the beans of each node in a local sense (i.e., the assimilate of each leaf flows mainly to the beans of the same node). Adult leaves do not share the photosynthetic products even in periods of starvation of the plant. The tracing of motion was done with  $C^{14}$ . G. M. Kosolapoff



BELIKOV, I.F.; BREKHMAN, I.I.

Conference on ginseng in the Department of Biological Sciences of the  
Academy of Sciences of the U.S.S.R. Soob. DVFAN SSSR no.7:89-90 '55.  
(Ginseng) (MLRA 10:4)



*1*  
*1968*  
Changes in the protein complex of soybean caused by the oil-extraction process. I. P. Belikov. *Moskovskaya Zhurnal Prom.* 21, No. 5, 11-17 (1968). Both the lysine content of soybean cake (I) and the digestible protein as extd. with 0.2% soln. of NaOH diminished significantly with an increase in temp. from 100 to 140° in a batch process. These losses were reduced to the min., however, when a continuous process was employed. Likewise, the batch-produced soybean grist (II) contained significantly less lysine, tyrosine, and tryptophan than the grist from the continuous process. These changes in the protein and amino-acid contents of I and II are caused by the heat-denaturation of protein. Vladimir N. Krukovsky

*DELIKOV, I. F.*

✓Changes in the chemical composition of soya seed during maturation under the Maritime Provinces environment. I. F. Belikov and E. Ya. Nedel'ko. *Biokhimi. Zerna, Sbornik* 1956, No. 3, 162-70.—Under the environmental conditions prevailing in Primor'e (Maritime Province, Far-Eastern region) the accumulation of dry substances begins in the 2nd half of August, continuing until October—the point of maturity. During maturation, reducing substances decrease and sugars increase. The rate of accumulation of oil in maturing seeds markedly slows down during the 2nd half of September, coinciding with yellowing of the leaves and beans, when the photosynthetic activities sharply drop. Percent N content in seeds does not change materially from the moment of their formation to full maturity. Accumulation of nitrogenous substances occurs actively up to yellowing of leaves and beans, the rate decreasing thereafter. The process of transformation of nitrogenous substances occurs mainly during the last phase of maturation of seeds. During this period the content of water-sol. nitrogenous substances (mainly protein fractions) increases. L. A. Stekol'nik

*Copy to Mad*

BELIKOV, I.F.

*Max* Biochemical characteristics of the Amur region varieties of soybeans. I. F. Belikov and E. Ya. Nedel'ko. *Maslobojno-Zhirovaya Prom.* 22, No. 4, 7-9(1958).—Data are presented on the chem. compn. of the Amur region varieties of soybeans, yellow 41 and 42 and brown 57 (total, water-sol., protein, and nonprotein N, ash, crude fiber, sucrose, starch, fat, iodine no., acid degree, histidine, arginine, lysine, glutamic and aspartic acids, tyrosine, and tryptophan) which were grown in the Amur province and the Khabarovsk region, during a 2-yr. period, from 1951 to 1952. It is concluded that the essential amino acid contents of 41, 42, and 57 were high and that the distribution of various N fractions in 41 and 42 was affected by the conditions of cultivation. Vladimir N. Krukovsky

2/

GENKEL', P.A., doktor biologicheskikh nauk; BELIKOV, I.F., kandidat biologicheskikh nauk.

Aims of biological research in the Far East; out-of-town session of the Department of Biological Sciences in Vladivostok. Vest. AN SSSR 26 no.10:106-109 0 '56. (MLRA 9:11)

(Far East--Biological research)

BeLiKov, I. F.

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22(1)

Академия наук СССР. Дальневосточный филиал Ивмт В.Л. Комарова  
Ивмт на Дальнем Востоке (Science in the Far East) Владивосток, 1977. 111 p.  
1,000 copies printed.

Editorial Committee: Ye.A. Bomm, V.F. Bykov (Resp. Ed.), D.V. Gimmel,  
A.Y. Stozambo (Deputy Resp. Ed.), E.G. Oskisovne, A.A. Trida,  
P.D. Yarobanbo; Tech. Ed.: L. Kalashnikov

NOTE: This collection of articles is intended for the general reader interested in the status of scientific studies and research in the Soviet Far East.

CONTENTS: These articles review scientific achievements which have contributed to the economic development of the Soviet Far East. The creation of the first university in the Far East, the Far East Branch of the Academy of Sciences, is discussed. In the history, geology, geography, chemistry, biology, and other sciences of the region are discussed and a great number of scientists and their contributions mentioned. Stress is laid on the progress of the geological survey carried out in the southern part of the Far East and the consequent discovery of coal, silver, lead, gold and petroleum. In addition to studies of the subarctic wealth, works on the vegetation and forest are also presented. Numerous references are incorporated in the text.

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Card 3/5

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20-117-5-50/54

AUTHOR: Belikov, I. F.

TITLE: Distribution of Photosynthesis Products in Soja hispida in the Case of Partial Removal of Beans and Leaves (Raspredeleniye produktov fotosinteza u soi pri chastichnom udalenii bobov i list'yev)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 5, pp. 904 - 905 (USSR)

ABSTRACT: The author reported in his former papers (reference 1, 2) that the photosynthesis products in the soy bean are locally consumed i.e. that the leaf in question supplies with these products only the pods in its axilla. It happens that the pods are destroyed of some nodes by diseases or vermins, whereas the leaves are conserved here. In order to solve the question where in such cases the photosynthesis products from the leaves in question get to, the author carried out in 1945 - 1956 experiments with additional nutrition with radioactive carbon ( $C^{14}O_2$ ) of the soy leaves in which axillae there are no pods. The method was described earlier by the author (reference 1). The experiments were carried out in the Dal'nevostochnyy (Far East) Botanic Gardens with the species Prinorskaya 529. The results showed that the photosynthesis products came from the leaf of the tenth node (where the pods had been removed) into the pods of higher and lower nodes. The quantity of the radioactive

Card 1/3



Distribution of Photosynthesis Products in Soja hispida in the Case of Partial  
Removal of Beans and Leaves 20-117-5-50/54

ASSOCIATION: Far East Branch of the AS USSR  
(Dal'nevostochny filial Akademii nauk SSSR)

PRESENTED: June 29, 1957, by A. L. Kursanov, Academician

SUBMITTED: June 28, 1957

Card 3/3

BELIKOV, I.F.; BREKHMAN, I.I.

Some results of the activities of the Ginseng Committee. Izv. Sib.  
otd. AN SSSR no.7:133-135 '58. (MIRA 11:9)  
(Ginseng)

BELIKOV, I., kand.biol.nauk

Labeled tracers and the biology of soybeans. Nauka i pered.op. v  
sel'khoz. 8 no.11:41-42 N '58. (MIRA 11:12)

1. Dal'nevostochnyy filial AN SSSR, Vladivostok.  
(Soybean) (Radioactive tracers)

BELIKOV, I.F.; MOROZOVA, M.G.

Chemical composition of imported soybeans at the Ussuriysk  
Oil and Fat Combine. Soob.DVFAN SSSR no.9:142-143 '58.  
(MIRA 12:4)  
(Soybean)

HELIKOV, I.F.

Translocation of assimilates in soybeans with artificially shaded  
assimilating apparatus. Izv. Sib. otd. AN SSSR no.10:129-133 '58.  
(MIRA 11:12)

1. Dal'nevostochnyy filial AN SSSR.  
(Soybeans) (Plants, Motion of fluids in)  
(Elolation)

AUTHORS: Belikov, I., Kostetskiy, E.

20-119-6-51/56

TITLE: The Distribution of Photosynthetic Products in the Soya-Bean Plant During the Early Stages of Its Development (Rasprede-  
leniye produktov fotosinteza u soi v ranniye fazy yeye raz-  
vitiya)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 119, Nr 6,  
pp. 1236 - 1239 (USSR)

ABSTRACT: The first author stated earlier that in the soya-bean the  
photosynthetic products are transported from the grown up  
leaves into the young growing leaves, into the growing point  
of the sprouts, into the stalks and the roots. However, from  
the leaves of the lowest stage  $C^{14}$  either did not at all reach  
the young leaves, or only in small quantities. After initial  
doubts the assumption was made that leaves of different height  
possess an own domain of supply with "assimilates" (Reference  
3). In the Botanical Garden of the Far East Branch of the  
AS USSR 4 species of soya-beans were sown and 2 test series  
were performed on them : I) With additional food with  $C^{14}O_2$   
in the 4 grown up leaves and one young leaf. II) With 7 grown

Card 1/3

The Distribution of Photosynthetic Products in the                      20-119-6-51/56  
Soya-Bean Plant During the Early Stages of Its Development

ASSOCIATION: Dal'nevostochnyy filial im. V. L. Komarova Akademii nauk SSSR  
(Far East Branch imeni V. L. Komarov, AS USSR)

PRESENTED: January 7, 1958, by A. L. Kursanov, Member, Academy of  
Sciences, USSR

SUBMITTED: December 7, 1957

Card 3/3

AUTHOR: Belikov, I. F. SOV/20-120-4-60/67

TITLE: On the Redistribution of Assimilates in the Leaf Blade of Soja  
(O pereraspredelenii assimilyatov v plastinke lista soi)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 4,  
pp. 904 - 906 (USSR)

ABSTRACT: By using labelled atoms ( $C^{14}$ ) the author proved in an earlier paper (Ref 1) that no redistribution of assimilates takes place among the ripe leaves. The assimilates are transported into the young growing leaves as well as into other organs and leaves where active processes of growing and development take place (Refs 2-5,6). It remained unclear whether the redistribution of the products of photosynthesis takes place in the leaf itself, that is to say whether individual parts of the leaf "share" the assimilates in case some of them are subjected to conditions unfavorable for a photosynthesis. By means of a special device S.Aronoff (Ref 2) nourished a certain part of the leaf blade of the soja bean additionally with  $C^{14}O_2$ . The discharge of the assimilates passed directly into the leaf stalk. No radioactive

Card 1/3



On the Redistribution of Assimilates in the Leaf Blade of Soja SOV/20-120-4-60/67

carbon was found in the remaining part of the leaf. The whole leaf was illuminated so that a distribution of the assimilates was not necessary. In similar experiments of the author dealing with additional nutrition of the soja leaves with  $C^{14}O_2$  always an unequal distribution of radioactive carbon was observed in different parts of the leaf blade, which was maintained for some time (Table 1). The results show that the process of photosynthesis is of unequal velocity in the individual parts of the leaf blade. Either the assimilates are not redistributed at all or the redistribution takes place too slowly. Therefore it was necessary to carry out additional investigations. From the results obtained (Table 1, Fig 3b) it can be seen that even in the case of a long period of starvation of the neighbouring parts of the leaf the assimilates are not redistributed. The discharge takes place in a normal way: through the leaf stalk and further on. Thus the assimilates pass also that part of the leaf which is shaded without entering the parenchymous part even in case the latter showed already necrotic phenomena caused by lack of nutrition. What can prevent the passage of the assimilates

Card 2/3

On the Redistribution of Assimilates in the Leaf Blade of Soja SOV/20-120-4-60/67

into the neighbouring parts of the leaf ? Why are assimilates not used to save the life of the starving tissue ? Apparently the whole system of photosynthesis functions in such a way that the assimilates usually are not admitted in parts where they are formed, in order to maintain the life activity of the leaf blade. Young leaves are an exception since products of photosynthesis are admitted in great quantities.

ASSOCIATION: Dal'nevostochnyy filial Akademii nauk SSSR (Branch Far Eastern AS USSR)  
PRESENTED: February 4, 1958, by A.L.Kursanov, Member, Academy of Sciences, USSR  
SUBMITTED: January 31, 1958

1. Plants--Nutrition
2. Photosynthesis--Analysis
3. Carbonisotopes (Radioactive)--Applications

Card 3/3

BELIKOV, I.F., kand.biol.nauk; TYULENEVA, N.P.

Biochemical characteristics of soybean varieties of the Maritime Territory. Masl.-shir.prom. 25 no.10:19-21 '59.  
(MIRA 13:2)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR.  
(Maritime Territory--Soybean--Varieties)

BELIKOV, I.F.

Biological principles underlying the checkrowing of soy beans.  
Soob.DVFAN SSSR no.11:93-95 '59. (MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya  
AN SSSR.

(Soy bean)

HELIKOV, I.F.

Ginseng in the Korean People's Republic. Biol.Glav.bot.sada  
no.35:120-121 '59. (MIRA 13:2)

1. Dal'nevostochnyy filial AN SSSR.  
(Korea, North--Ginseng)

BELIKOV, I. E.

Vladivostok session of the Division of Biological Sciences of  
the Soviet Academy of Sciences. Soob.DVAFAN SSSR no.11:166-168  
'59. (MIRA 13:11)

(Biology--Congresses)

BELIKOV, I.F.

Preface. Mat. k izuch. zhen'shenia i lim. no.4:3-6 '60.

(MIRA 13:9)

(GINSENG)

BELIKOV, I.F.; IM ROK ZE; GRUSHVITSKIY, I.V.; KHON YEN

Preliminary results of studies on seed stratification and the light regimen of ginseng. Mat. k izuch. zhen'shenia i lim. no.4:97-104 '60. (MIRA 13:9)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR, Botanicheskiy institut AN SSSR i Akademiya nauk Koreyskoy Narodno-Demokraticheskoy Respubliki.

(GINSENG)

(SEEDS)

(PLANTS, EFFECT OF LIGHT ON)



BELIKOV, I. F., NEDEL'KO, Ye. Ya.

Amino acid composition of the protein of Amur varieties of soya.  
Izv.Sib.otd.AN SSSR no.8:84-90 '60. (MIRA 13:9)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR.  
(Soy bean--Varieties) (Amino acids)

BELIKOV, I.F.

Effect produced by cutting leaf veins of the soybean on  
assimilant translocation. Fiziol. rast. 7 no. 5:516-520  
'60. (MIRA 13:10)

1. Far East Affiliate of Siberian Section of U.S.S.R.  
Academy of Sciences, Novosibirsk.  
(Plants, Motion of fluids in)

BREKHMAN, I.I.; BELIKOV, I.F.; VOROB'YEV, D.P.

"Ginseng; problems of biology" by I.V. Grushvitskii. Reviewed  
by I.I. Brekhman, I.F. Belikov, D.P. Vorob'ev. Izv. Sib. otd.  
AN SSSR no.11:148-149 '61. (MIRA 15:1)

(GINSENG)  
(GRUSHVITSKII, I.V.)

BELIKOV, I.F.

Distribution of  $C^{14}$  by basic groups of substances in leaves of different levels in the ontogenesis of the soybean plant. Fiziol. rast. 8 no.3,265-269 '61. (MIRA 14:5)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya Akademii nauk SSSR, Vladivostok.

(Plants--Assimilation)

BELIKOV, I.F.

Some characteristics of the distribution of photosynthetic products in plants during the growing season. Izv. Sib. otd. AN SSSR no.5:93-106 '62. (MIRA 18:2)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR, Vladivostok.

BELIKOV, I.F.; PEPIK, L.Ye.

Effect of the removal of the tip of the main stem on the vegetative growth and seed yield of the soybean. Scob. DVFAN SSSR no.18:63-65 '63.  
(MIRA 17:11)

1. Dal'nevostochnyy filial imeni Komarova Sibirskogo otdeleniya AN SSSR i Dal'nevostochnyy gosudarstvennyy universitet.

BELIKOV, I.F.; CHETVERIKOVA, N.I.

Assimilation of radioactive carbon ( $C^{14}$ ) by various groups of substances in leaves of different position in the ontogeny of soybean. Izv. SO AN SSSR no.4 Ser. biol.-med. nauk no.1:33-40 1964 (MIRA 17:11)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR, Vladivostok.

BELIKOV, I.F.; KOSTETSKIY, R.Ya.

Distribution of assimilates in growing sugar beet plants. Fiziol.  
rast. 11 no.4:594-598 J1-Ag '64. (MIRA 17:11)

1. Biologo-pochvennyy institut Sibirskogo otdeleniya AN SSSR,  
Vladivostok.



ANDREYEVA, L.I.; BELIKOV, I.F.; KUZINA, P.V.; SAMSONOVA, A.V.; YAKOVLEVA, V.P.

Chemical composition of some grass species of the southern Maritime Territory. Seob. DVFAN SSSR no.18:73-76 '63. (MIRA 17:11)

1. Dal'nevostochnyy filial imeni Komarova Sibirskogo otdeleniya AN SSSR i Dal'nevostochnyy gosudarstvennyy universitet.

BELIKOV, K. N.

23227. Kompleksnoye primeneniye mashin pri prokhodke shtrekov. Mekhanizatsiya  
trudoyemkikh i tyazhelykh rabot, 1949, No. 7, c. 9-10

SO: LETOPIS' NO. 31, 1949

SOV/137-58-8-16496

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 38 (USSR)

AUTHOR: Bchikov, K.N.

TITLE: Operation of Open-hearth Furnaces With Capacities of 500 and 250 Tons (Opyt ekspluatatsii martenovskikh pechey yemkost'yu 500 i 250 t)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1957, Vol 18, pp 348-354

ABSTRACT: The first production line of the MMK (Magnitogorsk Metallurgical Kombinat) plant is equipped with 250-t open-hearth furnaces. The general layout differs from the standard arrangement and ensures high productivity. Metallic charge and friable materials are stored in individual yards. The project calls for installation of two mixers on both ends of the smelting shop. In 1956, the process of smelting required 8 hrs and 27 min on the average, and down time amounted to 8.5%. Design parameters as well as actual parameters of the furnaces are shown.

Card 1/1

1. Open hearth furnaces--Operation

V.G.

KOROLEV, A.I.; BLINOV, S.T.; LUBNETS, I.A.; KOBURNEYEV, I.M.; TURUBINER, A.L.; VASIL'YEV, S.V.; CHERNENKO, M.A.; BELOV, I.V.; TELESOV, S.A.; MAZOV, V.F.; MEDVEDEV, V.A.; MAL'KOV, V.G.; BUL'SKIY, M.T.; TRIBETSKOV, K.M.; SHNEYEROV, Ya.A.; SLADKOSHTEYEV, V.T.; PALANT, V.I.; KUROCHKIN, B.N.; ZHDANOV, A.M.; BELIKOV, K.N.; SABIYEV, M.P.; GARBUZ, G.A.; PODGORETSKIY, A.A.; ALFEROV, K.S.; NOVOLODSKIY, P.I.; MOROZOV, A.N.; VASIL'YEV, A.N.; MARAKHOVSKIY, I.S.; MALAKH, A.V.; VERKHOVSEV, E.V.; AGAPOV, V.F.; VECHER, N.A.; PASTUKHOV, A.I.; BORODULIN, A.I.; VAYNSHTEYN, O.Ya.; ZHIGULIN, V.I.; DIKSHTEYN, Ye.I.; KLIMASENKO, L.S.; KOPIN, A.S.; MOLOTKOV, N.A.; SIVERSKIY, M.V.; ZHIDETSKIY, D.P.; MIKHAYLETS, N.S.; SLEPKANEV, P.N.; ZAVODCHIKOV, N.G.; GUDENCHUK, V.A.; NAZAROV, P.M.; SAVOS'KIN, M.Ye.; NIKOLAYEV, A.S.

Reports (brief annotations). Bul. TSNIICEM no.18/19:36-39 '57.

(MIRA 11:4)

1. Magnitogorskiy metallurgicheskiy kombinat (for Korolev, Belikov, Agapov, Dikshiteyn).
2. Kuznetskiy metallurgicheskiy kombinat (for Blinov, Vasil'yev, A.N., Borodulin, Klimasonko).
3. Chelyabinskiy metallurgicheskiy zavod (for Lubnets, Vaynshteyn).
4. Zavod im. Dzerzhinskogo (for Koburneyev).
5. Zavod "Zaporozhstal'" (for Turubiner, Mazov, Podgoretskiy, Marakhovskiy, Savos'kin).
6. Makeyevskiy metallurgicheskiy zavod (for Vasil'yev, S.V., Mal'kov, Zhidetakiy, Al'ferov).
7. Stal'proyekt (for Chernenko, Zhdanov, Zavodchikov).
8. VNIIT (for Belov).
9. Stalinskiy metallurgicheskiy zavod (for Telesov, Malakh).

(Continued on next card)