ALIFANOV, V. N.

Cand Med Sci - (diss) "Reactions of the human organism under conditions of lowered barometric pressure. (Evaluation of individual stability under conditions of "altitude tests" from data of a study of functions of the cardiovascular system and of respiration)." Moscow, 1961. 12 pp; (Ministry of Public Health USSR, Central Inst for Advanced Training of Physicians); 250 copies; price not given; (KL, 5-61 sup, 200)

ALIFANOV, V.N.

Changes in the motor conditioned reflexes in man under conditions of hypoxic hypoxia and low barometric pressure. Zhur. vys. nerv. deiat. 11 no.4:615-622 Jl-Ag '61. (MIRA 15:2)

1. Laboratory of Pressure Chamber Studies, Central Clinical Hospital, Civil Aviation.
(CONDITIONED RESPONSE) (ANOXEMIA)
(ALTITUDE, INFLUENCE OF)

S/865/62/002/000/029/042
D405/D301

AUTHORS: Alifanov, V.N., Vakar, M.I., Yeremin, A.V. and Ivanov, A.Ye.

TITLE: Effect of resistance breathing on respiration under excess pressure

SOURCE: Problemy kosmicheskoy biologii. v. 2. Ed. by N. Sisakyan and V. Yazdovskiy. Moscow, Izd-vo AN SSSR, 1962, 287-289

TEXT: This article was presented at the 10th European Congress on Aviation and Space Medicine, Paris, 26-30 September, 1961. The effect of changes in intrapulmonary pressure, due to pressure breathing, on the respiratory mechanism is investigated. 50 experiments were conducted on seven subjects (young healthy males aged 23-33), under normal atmospheric pressure and also in a pressure chamber with a rarefied atmosphere corresponding to an altitude of 20 km. The oxygen apparatus used in the experiments had a special device which permitted reduction of the excess pressure in the in-

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halation phase as compared to that in the exhalation phase. Conclusions: If the variations in intrapulmonary pressure exceeded 100 mm water column, then the physiological functions of the organism underwent a general disturbance. The effect of intrapulmonary pressure fluctuations on the organism is the stronger the larger these fluctuations and the more rarefied the ambient atmosphere; the respiratory function is the one to be mostly affected. The replacement of the oxygen mask by a hermetic helmet (i.e. an increase in dead space) caused more serious disturbances in the respiratory mechanism if the pressure-drop in the inhaling phase exceeded 50-100 mm water column. Intrapulmonary pressure fluctuations of 200-300 mm water column were sometimes accompanied by a total disturbance of the respiratory mechanism. The oxygen concentration of the blood decreases. The bioelectric activity of the respiratory muscles is a reliable indicator of respiration distress due to the use of breathing apparatus.

ACCESSION NR: AT4042643 S/0000/63/000/000/0009/0012

AUTHOR: Alifanov, V. N.

TITLE: Variations in biomechanical indicators of respiration in healthy and unhealthy subjects under conditions of hypoxia

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963. Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy* konferentsii. Moscow, 1963, 9-12

TOPIC TAGS: hypoxia, respiration biomechanics, respiration, hypertonic disease, cardioschlerosis, respiratory disease, lung ventilation

ABSTRACT: The biomechanics of respiration is a new area in the field of respiration physiology. Biomechanical indicators of respiration are expressed in terms of maximum lung ventilation and respiratory reserve, volumetric velocity of air during forced inhalation and exhalation (pneumotrachometry), and forced vital capacity for the first second of exhalation(Tiffno index). Of the total number of subjects investigated, 75 were healthy, 30 were afflicted with cardiovascular diseases, most often consisting of initial manifestations of hypertonic disease

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ACCESSION NR: AT4042643

or cardiosclerosis, and 30 were afflicted with respiratory diseases consisting of lung tuberculosis, bronchial disruption, or pneumothorax. Experiments were conducted in pressure chambers at a simulated altitude of 5000 meters or in a respiratory medium consisting of 11% oxygen at normal atmospheric pressure. All subjects showed an appreciable increase (20--28%) in maximum lung ventilation at 5000 meters, whereas under conditions of hypoxia there was no appreciable change. In healthy subjects, deeper breathing was the cause of increased maximum lung ventilation under rarified-atmosphere conditions, whereas in unhealthy subjects, the same increase was due to a higher rate of breathing. It is felt that increased maximum lung ventilation in a rarified atmosphere is a function of lowered respiration resistance. It is the author's opinion that respiration biomechanics in a rarified atmosphere is not only of physiological significance, but is also a valuable functional diagnostic tool for detecting disorders of the cardiovascular and respiratory systems.

ASSOCIATION: none

Card 2/3

ACCESSION NR: AT4042643

SUBMITTED: 27Sep63 ENCL: 00 SUB CODE: LS

NO REF SOV: 000 OTHER: 000

Card 3/3

ACCESSION NR: AT4042644 S/0000/63/000/000/0012/0015

AUTHOR: Alifanov, V. N.; Lemeshova, L. M.

TITLE: Changes in bioelectric activity of the myocardium during effect of acute hypoxia on man based on vectorcardiographic analysis

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963. Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy* konferentsii. Moscow, 1963, 12-15

TOPIC TAGS: vectorcardiography, vectorcardiogram, hypoxia, man myocardium, bioelectric activity

ABSTRACT: Volunteers were exposed to an altitude equivalent of 5000 m for 30 minutes. All subjects were selected for their previously demonstrated high tolerance to hypoxia. The following statistically reliable changes were recorded: The ventricular depolarization vector AQRS deflected to the left (average of 30°) and its magnitude decreased somewhat, while the AQRS and AT vectors showed spatial divergence. Other indices recorded (direction of the repolarization vector AT, the ventricular gradient G, and the AP vector) were not regarded as statistically

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ACCESSION NR: AT4042644

reliable. The respective merits of the vectorcardiography and the electrocardiography are discussed briefly.

ASSOCIATION: none

SUBMITTED: 27Sep63 ENCL: 00 SUB CODE: LS

NO REF SOV: 000 OTHER: 000

Card 2/2

ACCESSION NR: AT4042679 S/0000/63/000/000/0179/0181

AUTHOR: Yeremin, A. V.; Alifanov, V. N.

TITLE: Changes in counterpressure on the body and the tolerability of respiration under excess pressure

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963. Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy* konferentsii. Moscow, 1963, 179-181

TOPIC TAGS: positive pressure respiration, suit pressure, counterpressure, intrapulmonary pressure

ABSTRACT: In experiments on healthy young men ranging in age from 20-30 years, the authors investigated the functional displacements in the body (EKG, EEG, EMG, oxymetry, blood pressure, respiratory rate) during respiration with oxygen under excess pressure (55-136 mm Hg), on earth and at a simulated height of 20 kilometers (in a pressure chamber). Particular attention was paid to the effect of changes in counterpressure (from 70 mm Hg below to 50 mm Hg above the intrapulmonary pressure) on either the whole body or separate parts of the body, thus simulating defects in the pressure suit. The results showed that during respiration under excess pressure, either on earth or at a height of 20 kilometers, a difference

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ACCESSION NR: AT4042679

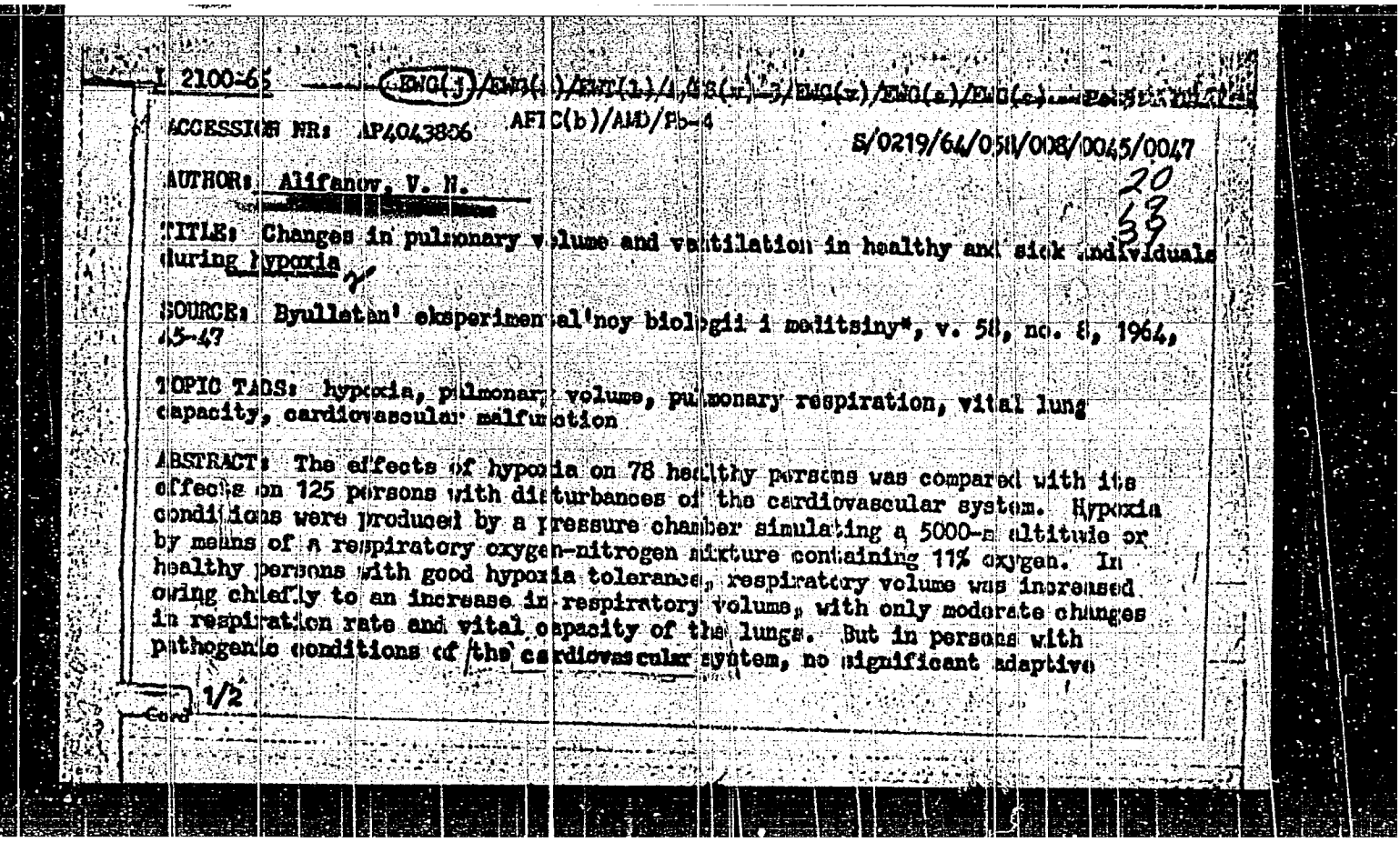
of ± 50 mm Hg between suit pressure and intrapulmonary pressure for 5 minutes did not produce any serious changes in the basic physiological functions. A difference of more than 50 mm Hg caused difficulties in respiration with distinct displacements in the cardiovascular system, which in turn decreased the tolerability of respiration under excess pressure. The most important was found to be compensation of the abdomen and the upper part of the thighs. The thorax and shoulders were less important, followed by the shins and forearms. At a height of 20 km, even slight decreases in counterpressure on the body can be withstood satisfactorily for only 5 minutes, after which a bell-jar effect appears, especially in the area of the extremities.

ASSOCIATION: none

SUBMITTED: 27Sep63 ENCL: 00 SUB CODE: LS

NO REF SOV: 000 OTHER: 000

Card 2/2



L 2100-65 EWG(j)/EWP(k)/EWT(l)/T/EWA(m)-3/EWG(w)/EWG(s)/EWG(c) Pz-5/Pu-4

ACCESSION NR: AP4043806 AFTC(b)/AMD/Pb-4 S/0219/64/051/008/0045/0047

AUTHOR: Alifanov, V. N.

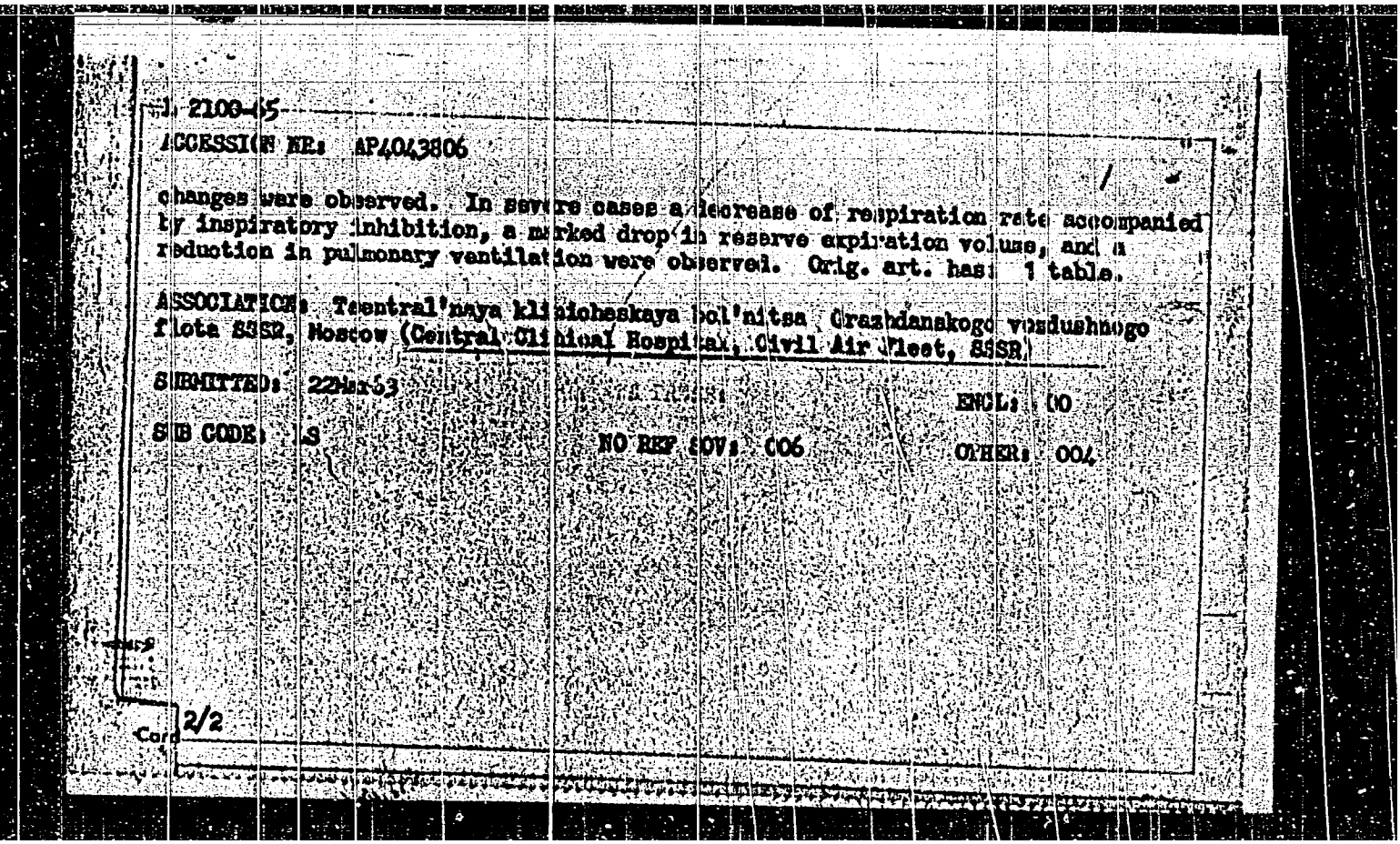
TITLE: Changes in pulmonary volume and ventilation in healthy and sick individuals during hypoxia

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny", v. 58, no. 8, 1964, 45-47

TOPIC TAGS: hypoxia, pulmonary volume, pulmonary respiration, vital lung capacity, cardiovascular malfunction

ABSTRACT: The effects of hypoxia on 78 healthy persons was compared with its effects on 125 persons with disturbances of the cardiovascular system. Hypoxia conditions were produced by a pressure chamber simulating a 5000-m altitude or by means of a respiratory oxygen-nitrogen mixture containing 11% oxygen. In healthy persons with good hypoxia tolerance, respiratory volume was increased owing chiefly to an increase in respiratory volume, with only moderate changes in respiration rate and vital capacity of the lungs. But in persons with pathogenic conditions of the cardiovascular system, no significant adaptive

Card 1/2



L 2100-65
ACCESSION NR: AP4043806

changes were observed. In severe cases a decrease of respiration rate accompanied by inspiratory inhibition, a marked drop in reserve expiration volume, and a reduction in pulmonary ventilation were observed. Orig. art. has: 1 table.

ASSOCIATION: Tsentral'naya klinicheskaya bol'nitsa Grazhdanskogo vozdushnogo flota SSSR, Moscow (Central Clinical Hospital, Civil Air Fleet, SSSR)

SUBMITTED: 22Mar63 ENCL: 00

SUB CODE: LS NO REF SOV: 006 OTHER: 004

Card 2/2

L 44164-65 EWG(j)/EWG(r)/EWT(l)/ES(v)-2/EWG(r)/EWG(a)-2/EWG(c) Pe-5 DD
ACCESSION NR: AP5009192 S/0219/65/059/003/0034/0036

AUTHOR: Mirzabayeva, L. A.; Alifanov, V. N.

TITLE: Respiratory arrhythmia in man under hypoxic conditions

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 59, no. 3, 1965, 34-36

TOPIC TAGS: man, hypoxia, heart, respiration, respiratory arrhythmia, vagus nerve, tachycardia

ABSTRACT: In experiments on 20 healthy males ages 18-25 yrs hypoxia was induced by simulating an altitude of 5,000 m in a pressure chamber for 30 min or by breathing a gas mixture of 11% oxygen and 89% nitrogen under normal atmospheric conditions for 30 min. Electrocardiograms were recorded by a cardiocyclograph from the second standard lead. The mean number of heart contractions per min, respiratory rate per min, and coefficient of respiratory arrhythmia were used as indices. In hypoxia induced by a simulated altitude of 5,000 m, respiratory arrythmia decreased uniformly or completely disappeared in the presence of intensive tachycardia. Similar

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L 44304-65
ACCESSION NR: AP5009192

results were found for hypoxia induced by breathing a hypoxic gas mixture. Literature data on dogs under hypoxic conditions show that the tone of the sympathetic system is reduced and the effect of the vagus nerve is increased. However, man responds to hypoxic conditions by a decrease in vagus nerve tone. The latter is confirmed by the fact that in changing to oxygen respiration, respiratory arrhythmia reappears indicating tone restoration of the vagus nerve cardiac rami. Orig. art. has: 1 table.

ASSOCIATION: Laboratoriya klinicheskoy fiziologii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR (Clinical Physiology Laboratory of the Institute of Normal and Pathological Physiology AMN SSSR)

SUBMITTED: 19Feb64 ENCL: 00 SUB CODE: LS

NR REF SOV: 008 OTHER: 008

Card 2/2

ALIFANOV, V.Ya.

New program of curses on the technological aspects of the clothing industry. Leg.prom. 16 no.4:21-22 Ap '56. (MLRA 9:8)

1. Zamestitel' direktora Leningradskogo filiala TSentral'nykh tekhnicheskikh kursov.

(Clothing industry)

ALIFANOVA, A.S.

Changes in the thermoregulating reflex in hypertension patients. Trudy mol. nauch. sotr. MONIKI no.1:152-160 '59
(MIRA 16:11)

1. Iz 2-y terapevticheskoy kliniki (zav. prof. N.A. Al'bov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo.

ALIFANOVA, I. I.

36274

Vliyaniye polezashchitnykh lesnykh polos na vodnyy rezhim pochvy. Les I step', 1949, No. 6, s. 40-45

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

TSVETKOV, V.N., kand. tekhn. nauk, dotsent; ALIFANOVA, L.N., inzh.

Determining the constant of the relaxation time in the deformation of sole leather. Report No.4. Nauch. trudy MTILP no.26:134-145 '62. (MIRA 17:5)

1. Kafedra tekhnologii izdeliy iz kozhi Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.

ALEKNOVA, T.I.

Interflow in the fields of the trans-Volga region protected by shelterbelts. Pochvovedenie no.9:63-71 S '65.

(MIRA 18:10)

1. Institut lesa i drevesiny Sibirskogo otdeleniya AN SSSR.

ALIFANOVA, T. I.

"The Effect of Forest Belts on the Water Balance of Soils and Grounds in the Zone of Ordinary Chernozems in the Middle Transvolga Region." Saratov Agricultural Inst., Kuybyshev, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No. 22, 1955, pp 93-105

ALIFANOVA, T.I.

Green fallows in the trans-Volga region. Zemledelie 8 no.7:91 Jl '60. (MIRA 13:9)

1. Zaveduyushchaya Timashevskim opornym punktom Vsesoyuznogo nauchno-issledovatel'skogo instituta agrolesomelioratsii.
(Volga Valley--Fallowing)

ALIFBAYEV, A.A.; LUNEV, V.Ye.

Some unsolved problems in the technology of metallurgical enterprises of the Rudnyy Altai. TSvet. met. 37 no.11:9-14 N '64. (MIRA 18:4)

ALIFER, P.P.; POPONDOPULO, A.N.; YAVORSKIY, V.V.

Superheating cast iron by feeding oxygen into the cupola hearth.
Lit. proizv. no.1:36-37 Ja '65. (MIRA 18:3)

ALEFERENKOV, A.D., inzh.

Joints of asbestos-cement gas pipes. Stroi. truboprov. 8 no.1: 31-32 Ja '63. (MIRA 16:5)
(Gas pipes) (Pipe, Asbestos-cement)

ALIFERENKOV, A.D., inzh.; CHECHENIN, M.Ye., kand. tekhn. nauk

Study of the deformability of asbestos-cement pipes under repeated loads. Trudy NIIAsbesttsementa no.18:20-27 '64.

(MIRA 17:11)

ALIFERENKOV, A.D.

Carrying capacity of asbestos-cement pipelines under simultaneous external loads and internal pressure. Stroi. truboprov. 10 no.2: 11-13 F '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut asbesta, slyudy, asbesto-tsementnykh izdeliy i proyektirovaniya stroitel'stva predpriyatiy slyudyanoy promyshlennosti.

ALIFERENKOV, A.D.

Investigation of the operation of asbestos cement pipes under dynamic loads. Trudy NIIAsbesttsementa no.19:62-69 '65.
(MIRA 18:9)

ALIFEROV, A.N., inzh.

Use of gunite in the construction of the Yalta tunnel. Shakht. stroi. 9 no.7:23-24 Jl '65. (MIRA 18:10)

1. Ukrainskiy gosudarstvennyy institut po proyektirovaniyu vodokhozyaystvennykh sooruzheniy i sel'skikh elektrostantsiy.

ALIFEROV, V.P., inzh.; LAVRIK, V.G., inzh.; DULIN, V.S., kand. tekhn. nauk; SELIVRA, A.A., kand. tekhn. nauk

Characteristics of water ring vacuum pumps used in degasing coal mines. Ugol' 38 no.9:54 S '63. (MIRA 16:11)

1. Donetskiy politekhnicheskiy institut.

TUR'YAN, Ya.I.; BARANOVA, V.G.; ALIFEROVA, V.A.

Separate potentiometric determination of formic acid, dimethylformamide. Zhur. anal. khim. 18 no.1:121-125 Ja '63. (MIRA 16:4)

1. Scientific-Research Institute of Monomers for Synthetic Rubber, Yaroslavl.
(Formic acid) (Dimethylamine)
(Potentiometric analysis)

ALIFEROVA, V.F.

Primary and secondary neurites in endarteritis obliterans. Vrach. delo no.9:65-68 S '62. (MIRA 15:8)

1. Kafedra nervnykh bolezney (zav. - zasluzhennyy deyatel' nauki, prof. D.I.Panchenko) Kiyevskogo instituta usovershenstvovaniya vrachey.

(NEURITIS) (ARTERIES--DISEASES)

TUR'YAN, Ya.I.; ALIFEROVA, V.A.

Potentiometric testing of acetonitrile purity and determination of the products of its hydrolysis. Zav.lab. 30 no.3:284-286 '64. (MIRA 17:4)

1. Nauchno-issledovatel'skiy institut monomerov dlya sinteticheskogo kauchuka.

ALIFIR, A.

Delayed discussions. Izobr.i rats. no.1:50-51 Ja '61.
(MIRA 14:1)

1. Zamestitel' nachal'nika proizvodstvennogo otdela tresta "Azovstal'stroy" i chlen Soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov togo-zhe tresta.
(Building—Technological innovations)

ALIFIR, A.

Exercise greater control over major repairs of plant and equipment.
Fin.SSSR 18 no.7:45-47 Jl '57. (MLRA 10:7)

1. Zamestitel' nachal'nika proizvodstvennogo otdela tresta "Azovstal'stroy."
(Repairing)

ALIFIR, A.S.

Improving the system of computations for planning and subcontracting organizations. Trudy MIEI no.15:444-445 '61.
(MIRA 14:12)

1. Zamestitel' nachal'nika proizvodstvennogo otdela tresta Azovstal'stroy.
(Construction industry)

ALIFONOV, L.Ye., sanitarnyy vrach

Investigation of morbidity among machine-tractor station workers and employees. Gig. i san. 22 no.7:52-54 Jl '57. (MIRA 10:10)

1. Iz Pyatikhatskoy rayonnoy sanitarno-epidemiologicheskoy stantsii.
(AGRICULTURE,
morbidity of tractor operators (Rus))

SALAYEV, S.G.; ALIFOV, G.K.

Prospects for finding oil and gas in the Talabi-Kyzylburun tectonic zone of the Caspian-Kuban region. Dokl. AN Azerb. SSR 19 no.8:37-41 '63. (MIRA 17:11)

1. Institut geologii AN AzSSR i Neftepromyslovoye upravleniye Siazanneft'. Predstavleno akademikom AN AzSSR M.V. Abramovichem.

PLYUSHCH, A., starshiy nauchnyy sotrudnik; ALIFOV, S.; DZHABRAILOV, G.

Using water-oil emulsions in hydraulic fracturing of strata.
Neftianik 7 no.3:12 Mr '62. (MIRA 15:5)

1. Institut razrabotki neftyanykh i gazovykh mestorozhdeniy AN Azerbaydzhanskoy SSR (for Plyushch). 2. Nachal'nik laboratorii TSekha nauchno-issledovatel'skikh proizvodstvennykh rabot neftepromyslovogo upravleniya Siazanneft' (for Alifov). 3. Nachal'nik TSekha nauchno-issledovatel'skikh proizvodstvennykh rabot neftepromyslovogo upravleniya Siazanneft' (for Dzhabrailov).
(Siazan' region--Oil wells--Hydraulic fracturing)

ALIFOV, S.K.; GUSEYNOV, G.A.; TAGIROV, G.A.

Excluding of formation waters in the Siazan' oil field. Azerb. neft. khoz. 39 no.3(405):35-38 Mr '60. (MIRA 14:9)
(Siazan' region--Oil field brines)

ALIGADZHIYEV, G.A.

Propagation of Syndesmya ovata in the Caspian waters of Daghestan. Dokl.AN SSSR 149 no.3:707-710 Mr '63.
(MIRA 16:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova i Dagestanskiy filial AN SSSR. Predstavleno akademikom D.I. Shcherbakovym.
(Daghestan--Fishes--Food) (Daghestan--Molluska)

ALIGADZHIYEV, G.A.

Quantitative assay of the benthos in the Daghestan area of the Caspian Sea. Nauch. dokl. vys. shkoly; biol. nauki no.3:7-12 '64 (MIRA 17:8)

1. Rekomendovana Dagestanskim otdeleniyem Kaspiyskogo nauchno-issledovatel'skogo instituta rybnogo khozyaystva i okeanografii.

ALIGADZHIYEV, G.A.

Materials on the changes in the Caspian Sea fauna. Okeanologiia 3 no.5:886-897 '63. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet, kafedra zoologii bespozvonochnykh.

ALIGADZHIYEV, G.A.

Acclimatization of the Azov and Black Sea fauna in the Caspian Sea. Zool. zhur. 43 no.6:801-808 '64. (MIRA 17:12)

1. Department of Invertebrate Zoology, Moscow State University.

ALIGRUDIC, Vidak

The Yugoslav general censuses. Geogr pregl no.5:157-160 '62.

ALIGRUDIC, Vidak

The population of Bosnia and Hercegovina is the fastest growing in Yugoslavia. Geogr pregl no.5:169-170 '62.

ALIGRUDIC, Vidak

The city of Sarajevo is having seven thousand new inhabitants every year. Geogr pregl. no.5:170-171 '62.

ALIGRUDIC, Vidak

Centers of the Yugoslav Republics in figures, recorded in general population censuses. Geogr pregl 6:158-159 '62.

ALIGRUDIC, Vidak

Complete results of the 1961 population census of Yugoslavia.
Geogr pregl 6:181-182 '62.

ALIGULYANTS, S.D., inzhener; ARZUMANOV, A.A., inzhener.

Safety belts used by oil derrick mounters. Bezop.truda v prom. 1 no.5:34 '57. (MLRA 10:7)

(Safety appliances)

SULTANOV, M.Kh.; ALIGULYANTS, S.D.

Performance of reels of draw works. Trudy VNIITB no.10:5-14 '58. (MIRA 15:5)
(Winches)

ALIGULYANTS, S.D.; ARZUMANOV, A.A.

Safety belt for assemblers of derricks. Trudy VNIITB no.10: 29-32 '58. (MIRA 15:5)
(Cranes, derricks, etc.) (Safety belts)

ARZUMANOV, A.A.; ALIGULYANTS, S.D.

Cover for the driller's post. Trudy VNIITB no.11:66-67 '59.
(MIRA 15:5)
(Oil well drilling--Equipment and supplies)

LUKA, Simovic, d-r; ALIJA, Ljubovic

Water-borne epidemic of bacillary dysentery in Fojnica baths.
Med. arh., Sarajevo 12 no.3:89-93 My-Je '59.

1. Centralni higijenski zavod Sarajevo.
(DYSENTERY BACILLARY transm.)
(WATER microbiol.)

ALIK, A. YA.

7854. Safronov, A. I., Klyuchnik, E. A. I ALIK, A. YA. traktor khtz-7 Pod obshch. ped. E. Klyuchnik. Riga, Latgosizdat, 1954. 204 S. Sill.; 40 td. 1. chert. 23 sm. 8.000 ekz. 7r. 5k. vper.--na latysh. yaz.--(55-2868)

629.114.2

SO: Knizhnaya Letopis', Vol. 7, 1955

ALIKAJ, S.

Fighting insects in the larval stage, p. 36, PËR BUJQËSINË SOCIALISTE, (Ministrie e Bujqesise) Tirane. Vol. 10, No. 6, June 1956

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol.5., No. 12, December 1956

ALIKAJ, S.

How to prepare plans for agricultural brigades, p. 37, PER BUJQESINE SOCIALISTE, (Ministrie e Bujqesise) Tirane. Vol. 10, No. 6, June 1956

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5., No. 12, December 1956

ALIKAJ, S.

ALIKAJ, S., We must protect bees from their enemies (American plague). p. 19.

Vol. 9, no. 8, August 1959 Tirana, Albania PER BUJQESINE SOCIALISTE

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10, Oct. 1956

ALIKAJ, S.

"Successful bee culture requires very accurate work."

PER BUJQESINE SOCIALISTE., Tirane, Albania., Vol. 13, No. 3, Mar. 1959

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclas

ALIKALFIC, F.

AGRICULTURE

PERIODICAL: MORSKO RIBARSTVO Vol. 12,no. 7/9, July/Sept. 1958

ALIKALFIC, F. Extensive agriculture in our country prevents a successful development of forestry. p.518

(EEAI)
Monthly List of East European Accessions Vol. 12, no. 7/9
April 1959, Unclass.

ALIKALFIC, F.

40th Anniversary of the Communist Party of Yugoslavia and the Union of Communist Youth of Yugoslavia. p. 3.

NARODNI SUMAR. (Drustvo sumarskih inzenjera i tehnicara Bosne i Hercegovine) Sarajevo, Yugoslavia. Vol. 13, no. 1/4, 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

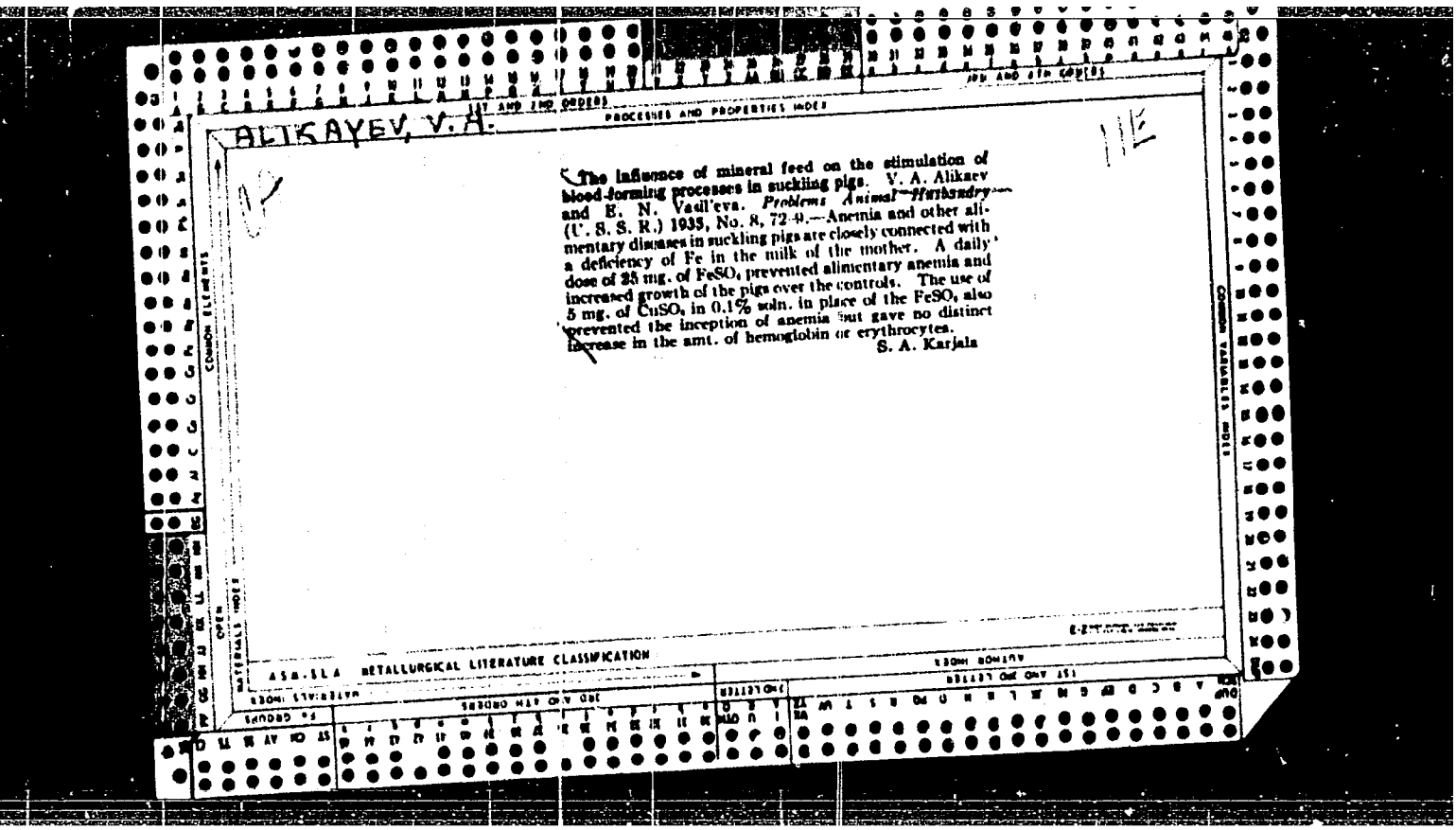
Uncl.

ALIKALFIC, Fazlija

Damages caused to forests and shrubs by hail. Geogr pregl 6: 97-107 '62.

ALIKALFIC, F.

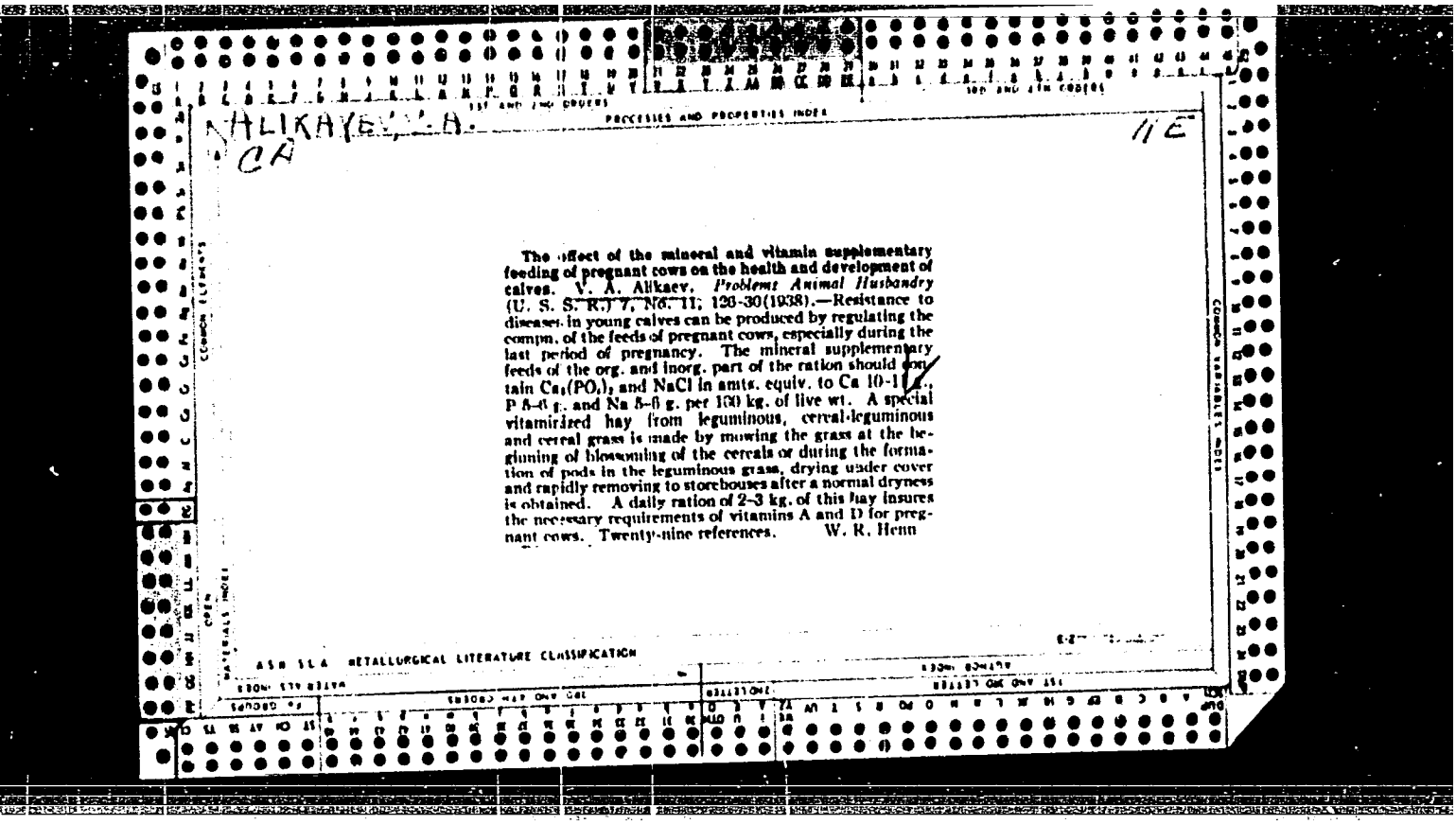
The Slatina Arboretum of the Forestry Faculty at Sarajevo.
Rad Sumar fakul BiH. 7 no.7s-85-105 '62



ALIKAYEV, V. A.

The influence of mineral feed on the stimulation of blood-forming processes in suckling pigs. V. A. Alikaev and E. N. Vasil'eva. *Problems Animal Husbandry* (U. S. S. R.) 1935, No. 8, 72-9.—Anemia and other alimentary diseases in suckling pigs are closely connected with a deficiency of Fe in the milk of the mother. A daily dose of 25 mg. of $FeSO_4$ prevented alimentary anemia and increased growth of the pigs over the controls. The use of 5 mg. of $CuSO_4$ in 0.1% soln. in place of the $FeSO_4$ also prevented the inception of anemia but gave no distinct increase in the amt. of hemoglobin or erythrocytes.

S. A. Karjala



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PROCESSES AND PROPERTIES INDEX

The effect of the mineral and vitamin supplementary feeding of pregnant cows on the health and development of calves. V. A. Alikaev. *Problems Animal Husbandry* (U. S. S. R.) 7, No. 11; 128-30(1938).—Resistance to diseases in young calves can be produced by regulating the compn. of the feeds of pregnant cows, especially during the last period of pregnancy. The mineral supplementary feeds of the org. and inorg. part of the ration should contain $Ca_3(PO_4)_2$ and NaCl in amts. equiv. to Ca 10-11 g., P 5-6 g., and Na 5-6 g. per 100 kg. of live wt. A special vitamirized hay from leguminous, cereal-leguminous and cereal grass is made by mowing the grass at the beginning of blossoming of the cereals or during the formation of pods in the leguminous grass, drying under cover and rapidly removing to storehouses after a normal dryness is obtained. A daily ration of 2-3 kg. of this hay insures the necessary requirements of vitamins A and D for pregnant cows. Twenty-nine references. W. R. Henn

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Zoogigiyena osnovanii veterinarii (Animal Hygiene with Principles of Veterinary Medicine), Moscow, Sel'khozgiz, 1950. 80 pages with illustrations. Textbook. Also in Latvian language.

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Kuz'michev, V. V.

"Increasing the Vitality of Calves in Highly Protective Herds"

SO: Dostizheniya Nauki i Peredovoy Praktiki, No. 2,: 17-21, Feb. 1951, Uncl.

1. ALIKAYEV, V.A.: LYAUSHKIN, A.V.: UZUNOV, N.N.: DMITRIYEVSKIY, L.M.: PLYASKIN, N.V.

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7. Prevention of lung diseases in sheep
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9a. Monthly List of Russia Accessions, Library of Congress, July 1952. Unclassified.

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[illegible] textbooks [illegible] Ministry [illegible] in the fields of [illegible] and [illegible] announces that the following scientific works, [illegible] books, and textbooks have been submitted for competition for Stalin Prizes for [illegible]

Name	Title of Work	Submitted by
Skorokhod'ko, A. K. Alikayev, V. A.	"Hygiene of Agricultural Animals"(textbook, 4th edition)	Kiev Scientific Research Station of Animal Husbandry, Ministry of Agriculture Ukrainian SSR

[illegible]

ALIKAYEV, V.A., kandidat veterinarnykh nauk.

Organization of vitamin nutrition of animals for the purpose of safeguarding the young. Veterinariia 31 no.1:46-51 Ja '53. (MLRA 6:12)

ALIKAYEV, V. A.

USSR/Agriculture

Card 1/1

Author : Alikaev, V. A., Cand. in Veterinary Sciences

Title : The feeding of live stock.

Periodical : Nauka i Zhizn' 21/2, 13-15, Feb/1954

Abstract : The Central Committee of the Party has set as a goal the elimination of the lag in cattle raising. In the next two or three years it is aimed to augment sharply the production of milk, meat, butter, wool and leather. The feeding of stock has a deciding influence on its condition. In feeding, proper vitamins and minerals play a big part, since they reduce sickness and sterility. Soviet biologists are carrying on research and are stressing the use of high-quality hay, the aim being to get more nitrogenous food. The question of feeding fowl is also covered.

Institution : .....

Submitted : .....

ALIKAYEV, V. A.

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Veterinariia 32 no.2:82-87 F '55. (MLRA 8:3)

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(CALVES) (FEEDING AND FEEDING STUFFS)

POLYKOVSKIY, Mikhail Davydovich; ALIKAYEV, Vladimir Aver'yanovich; KNYAZEVSKIY, A.V., redaktor; VESKOVA, Ye.I., tekhnicheskiy redaktor

[Lung diseases in sheep] Legochnye zabolevaniia ovets. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 71 p. (MLRA 9:11)
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[Fundamentals of stockbreeding; a textbook for students in secondary rural schools] Osnovy zhivotnovodstva; uchebnoe posobie dlia uchashchikhsia sel'skoi srednei shkoly. Pod red. P.A.Esaulova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 294 p. (MLRA 10:1)

1. Starshiy spetsialist Ministerstva sel'skogo khozyaystva SSSR (for Dorokhov)
(Stock and stockbreeding)

KUDRYAVTSEV, A.A., professor; ALIKAYEV, V.A., starshiy nauchnyy sotrudnik; KUZ'MICHEV, A.V., kandidat biologicheskikh nauk.

Effective measures for saving young stock. Nauka i pered. op. v sel'khoz. no.10:2-3 O '56. (MIRA 9:12)

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Prevention and treatment of the diseases in young animals.
Veterinariia 33 no.1:54-58 Ja '56. (MLRA 9:4)
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Veterinariia 35 no.5:109-117 My '58. (MIRA 12:1)

1. Moskovskaya veterinarnaya akademiya.
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