LEONT'YEVA, V.V.

Latest results of studying the hydrology of the Kuroshio in the light of oceanographic research for commercial fishing purposes. Trudy sov. Ikht. kom. no.10:205-209 '60. (MIRA 13:10)

1. Institut okeanologii Akademii nauk SSSR-(IOAN).
(Kuroshio) (Pacific Ocean--Fisheries-Research)

LICTYEVA, V.V.

Papers submitted for the 10th Pacific Science Congress, Honolulu, Hawaii 21 Aug-6 Sep 1961.

KOLESNIKOV, A. G., PIVOVAROV, A. A., and IVANOVA, Z. S., Moscow State University, Physical Faculty, Chair of Marine Physics and Terrain Waters - "On the calculation of rate of radioactivity spreading in depths" (Section VII.B.6)

KOLTUN, V. M., Institute of Zoology - "The method of spicule analysis and possibilities of its use in paleogeographical studies of the Pacific Ocean" (Section III.C)

KORENEVA, Ye. V., Institute of Geology - "Distribution of spores and pollen of terrestrial plants in bottom sediments of the Pacific" (Section III.A)

KORT, V. G., Director, Institute of Oceanology - "The heat exchange between the Antarctic waters and the adjacent oceanic waters" (Section VII.D.1)

KOSHLYAKOV, M. N., Institute of Oceanology - "An example of the computation of the deep currents in the northeastern Pacific" (Section VII.B)

KOZLYANINOV, M. V., and [illegible], Olga I., Institute of Oceanology - "The interrelation between turbidity, phytoplankton and primary production" (Section III.C.4)

KOZLYANINOV, M. V., Institute of Oceanology - "On the relation between water transparency and the character of currents in some areas of the Pacific Ocean" (Section VII.B)

KOSMINSKAYA, Irina P., KRAKSHINA, R. M., VEYTSMAN, P. S., ZVEREV, S. M., DAVYDOVA, N. I., and GAL'PERIN, Ye. I., Institute of Earth Physics imeni O. Yu. Schmidt - "Structure of the earth crust in the transition zone from the northwestern part of the Pacific to the Asiatic continent" (Section VII.C.2)

KOSMINSKAYA, Irina P., KRAKSHINA, R. M., and ZVEREV, S. M., Institute of Earth Physics imeni O. Yu. Schmidt - "Specific features of the sedimentary layer in the Okhotsk Sea and in the adjacent parts of the Pacific" (Section VII.C.2)

KOVYLIN, V. M., [illegible], S. M., [illegible], G. B., [illegible], Ya. P., [illegible], E. S., and [illegible], L. N., Institute of Oceanology - "On the relation between sedimentation and bottom topography in the northwestern part of the Pacific Ocean" (Section VII.C.1)

KROPOTKIN, P. N., Institute of Geology - "The tectonic map of the Pacific Ocean and the circum Pacific mobile belt (scale 1:10,000,000)" (Section VII.C)

LAVRENT'YEV, M. A., and SAVARENSKIY, Ye. F., The Siberian Department of the Academy of Sciences USSR - "On the results of investigations of tsunami in the USSR" (Section V.B.1)

[illegible]TYEVA, V. V., Institute of Oceanology - "Hydrological data involved with oceanic troughs in the Pacific and some problems connected with prospect research" (Section VII.B)

LEVIN, M. G., Institute of Ethnology - "Once more on the Ainu problem" (Section II.B)

LISITSYN, A. P., Institute of Oceanology - "The composition of organic suspended material in the Pacific in connection with the problems of sedimentation" (Section VII.C.1)

LISITSYN, A. P., Institute of Oceanology - "Bottom sediments in the Antarctic" (Section VII.D.1)

LUK'YANOV, V. V., Institute of Oceanology - "Cyclonic activity and climatologic fronts in the northern part of the Pacific Ocean" (Section VII.A)

LYUBIMOVA, T. G., All-Union Scientific Research Institute of Marine Fishing and Oceanography - "Some results of icthyological investigations in the gulf of Alaska" (Section III.C)

MAGNITSKIY, V. A., Moscow State University, Physical Faculty, Chair of Hard Crust - "Geophysical data and the problem of the origin of the Pacific Ocean" (Section VII.C.2)

MEDVEDEV, V. S., Institute of Oceanology - "The specific features of bench formation in tidal seas" (Section VII.C.1)

MOKIYEVSKIY, O. B., Institute of Oceanology - "Qualitative-quantitative distribution of the littoral fauna and flora in the northwestern part of the Pacific" (Section III.C)

MURDMAA, Ivan O., Institute of Oceanology - "The process of marine sedimentation in the areas of the Kuril isle arc" (Section VII.C.1)

LEONT'YEVA, V.V.; GAMUTILOV, A.Ye.

Effect of Pacific waters on hydrological conditions in Kronotskiy Gulf, as revealed by the survey carried out in the spring of 1955. (MIRA 15:4)
Trudy Inst.okean. 36:59-72 '59.
(Kronotskiy Gulf--Oceanography)

S/169/62/000/009/096/120
D228/D307

AUTHOR: Leont'yeva, V. V.

TITLE: Hydrologic study of the Pacific's ocean depressions and some problems of their further investigation

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 1, abstract 9V4 (In collection: Okeanol. issled. no. 5, M., AN SSSR, 1962, 31-42 (summary in Eng.))

TEXT: Deep-sea depressions have the following peculiarities: 1) The variation of potential temperatures, the salinity, and dissolved O_2 has no definite pattern. 2) The horizontal distribution of the main hydrologic characteristics is uneven, and the scales of variation are very small. 3) The depth of the bottom deep water "nucleus" and the reduced salinity "nucleus" vary almost identically; in the northern hemisphere's temperate latitudes they are disposed higher than in those of the southern, rising on the equator. 4) The water in depressions is in unstable equilibrium, which promotes the development of mixing. 5) Depressions with

Card 1/2

S/169/62/000/009/096/120
D228/D307

Hydrologic study of ....

specific T and S ratios are distinguishable according to the similarity of their T- and S-curves. The aeration of waters in depressions is demonstrated by the relatively high O_2 content of depressions, by the absence of phosphate accumulations, by the existence of living organism in the water, and by the presence of an oxidizing slime layer in ground on the basin floors. The author gives tables of hydrologic observations in different depressions, their maximum depths, the temperatures and salinity for depths of more than 1000 m, and adiabatic temperature changes at great depths in the Philippines Depression. 26 references. [Abstracter's note: Complete translation.]

Card 2/2

DOBROVOL'SKIY, A.D.; LEONT'YEVA, V.V.; KUKSA, V.I.

Characteristics of structures and water masses in western and central parts of the Pacific Ocean. Trudy Inst.okean. 40:47-57 '60. (MIRA 14:8)

(Pacific Ocean--Oceanography)

LEONT'YEVA, V.V.

Some data on the hydrology of the Tonga and Kermadec Deeps. Trudy Inst.okean. 40:72-82 '60. (MIRA 14:8)
(Tonga Deep--Hydrology) (Kermadec Deep--Hydrology)

DOBROVOL'SKIY, A.D.; RADZIKHOVSKAYA, M.A.; LEONT'YEVA, V.V.

Deep-sea hydrologic studies of the Pacific Ocean. Trudy Inst.okean. 60: 130-141 '62. (MIRA 17:1)

LEONT'YEVA, V.V.; RADZIKHOVSKAYA, M.A.

Definition of hydrologic structures and water masses in the ocean. Trudy Inst. okean. 66:79-90 '63. (MIRA 16:10)

ACC NR: AT7003617 (N) SOURCE CODE: UR/3090/66/000/015/0023/0027

AUTHOR: Leont'yeva, V. V.

ORG: none

TITLE: Characteristics of water masses in the North Pacific

SOURCE: AN SSSR. Mezhduvedomstvennyy geofizicheskiy komitet. X razdel programmy MGG: Okeanologiya. Sbornik statey, no. 15, 1966. Okeanologicheskiye issledovaniya, 23-27

TOPIC TAGS: ocean property, ocean dynamics, hydrographic survey, hydrology, SEA WATER

ABSTRACT: The article describes the determination of water masses in the northern part of the Pacific Ocean. An analysis of boundaries and temperature salinity characteristics was conducted using materials of hydrological observations from 1925 to 1959. Data processing was based on TS-diagrams which were plotted using the averaged value in each one-degree square for August and February. The upper boundary of the abyssal waters was determined by the 27.40 isopycnal. The compilation of data resulted in three meridional and six latitudinal sections. Depth charts of the following water masses were compiled: surface, sub-surface with high salinity, intermediate with low salinity, and abyssal. The article contains temperature-salinity characteristics of these water masses by season and structure as well as layer thickness. The topography of the lower boundary of the high-salinity sub-

Card 1/2 UDC: none

ACC NR: AT7003617

surface water masses and low-salinity intermediate water masses is in good agreement with circulation patterns. Orig. art. has: 1 table. [BA]

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 012/ OTH REF: 005/

Card 2/2

COUNTRY : USSR
CATEGORY : Cultivated Plants. Grains. Leguminous Grains. Tropical Cereals. M

ABS. JOUR : Ref Zhur -Biologiya, No. 1 , 1959, No. 1614

AUTHOR : Leont'yeva, Ye.A.
INST. : Buryat-Mongol State Agric.Exper. Station
TITLE : Preliminary Results on Work with Corn.

ORIG. PUB.: Tr. Buryat-Mong. gos. s.-kh. opytn. st., 1957, vyp. 2, 87-95

ABSTRACT : In irrigationless cultivation on lots with insufficient moisture content best early and moderately ripening varieties give the best crops, but under irrigation late ripening varieties give the best crops. Irrigation increases sharply the green mass crop; the control group without irrigation gave 84 centners/hectare, pre-sowing irrigation and 3 vegetative ones gave 318 centners/hectare. On soils well supplied with moisture and superphosphate alone,

CARD: 1/2

LEONT'YEVA, Ye. A.

LEONT'EVA, E.A.

RT-965 (Climatological outline of the Far Eastern area)
KLIMATICHESKII OCHERK DAL'NEVOSTOCHNOGO KRAIA, Leningrad, 1933.

LECHT'EVA, E. A.

Klimaticheskaia kharakteristika aviatrassy Krasnoiarsk - Ostrov Diksona. Leningrad, Izd-vo Glavsevmorputi, 1937. 75 p., maps, tables, diagrs. (Leningrad, Arkticheskii nauchno-issledovatel'skii institut. Trudy, v. 96)

Title tr.: Climatological characteristics of the air route Krasnoiarsk - Dikson Island.

For abstract see Arctic Institute of North America. Arctic Bibliography, 1953, v. 1, no. 9924.

(60).L423 v. 96

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

LEONT'YEVA, Ye. A.

8.3-11 551.582.1(984/5)

1[Leont'eva, E. A., Klimat sovetskogo sektora arktiki. [Climate of the Soviet sector of the Arctic.] Leningrad. Arkticheskii Nauchno-Issledovatel'skii Institut, Trudy, Vol. 195, 1947. 499 p. 74 figs., 143 tables, 76 refs. DWB—A most detailed and satisfactory study of the climatic conditions in the eastern Arctic Basin and the islands, bordering seas and coasts, based on means, extremes and frequency distributions of the several meteorological elements and their interrelationships. The volume contains carefully selected and well arranged tables, sometimes quite extensive, in addition to the numerous graphs and mean or frequency charts and a systematic description or analysis of the elements and their significance. The generalities (physiography, oceanography, islands, ice, glaciation, flora and fauna) take up 17 pages of Introduction. In Ch. I, air pressure is considered from every possible angle—variability from year to year, month-to-month, day-to-day and hourly changes; variation with wind direction, air mass and season, frequency of deep cyclones and of rises and falls of pressure, of pressure waves of various amplitudes and duration thereof, diurnal and semi-diurnal waves, etc. In Ch. II wind direction frequencies, prevailing winds and their constancy, wind speed frequencies, calms, diurnal variation (1, 7, 13 and 19 hour), maximum winds and gales by direction, maximum number of days a month with gales and whole gales, duration of gales, local winds and upper air winds (11 stations) are analyzed and data presented in extenso. In Ch. III the same treatment is given to temperature, using records from 86 stations, and considering the warming of the Arctic from 1920-45, (p. 229-234), the frequency of temperatures by months in 5°C class intervals (20 stations) and dates of first and last temperature of 10°, 5°, 0°, −5° . . . −30°, diurnal temperature variations and amplitude, absolute maximum and minimum, number of days of freezing and thawing and thermal wind roses and data therefor, effect of cloud amount, wind speed, calm, "severity" of weather, vertical temperature gradient, frequency of inversions, etc. Ch. IV takes up humidity (relative and absolute) at 4 synoptic hours; Ch. V, cloudiness including frequency of cloud types, cloudiness wind roses, etc.; Ch. VI, sunshine; Ch. VII, precipitation (frequencies of specified amounts), snow, 1/2

Leont'yev, E.A.

rain and snow, frost, rime, glaze; Ch. VIII, snow cover (by decades and number of days per month); Ch. IX, blizzards and blowing snow; Ch. X, Thunderstorms (at Tugorskiy Shar as many as 13 have occurred in one year and 8 in one month, June); Ch. XI, Fog (frequency, mean number of days, greatest and least, dense fog, duration frequency of fog, fogs by wind direction and by wind speed groups and by temperature class intervals, diurnal variation in fog probability in summer); Ch. XII, Visibility (30 stations) by months and class intervals; Ch. XIII, Soil temperature (5 stations) and, finally, a summary of the climate and weather of the Soviet Arctic by seasons. The author and editor were both dead at the time the volume was published—it first came out in abridged form in 1947 or 48—there are only 3 or 4 references to literature after 1941 and in only a few cases does the data coverage extend past 1939. However, a marvelous amount of information has been extracted from the consistent records made during the 1930's at a network of 20-30 stations fairly well spaced along the Northern Sea Route, and in the deep estuaries, but no station not close to tide water has been used. The records of the "Fram," "Maudand," Severnyy Polius and Sedov drifting stations have been thoroughly analyzed and incorporated. The only thing that could have been added to make the study more useful to the synoptic meteorologist would have been a selection of typical synoptic charts for weather situations during the different seasons or for different areas. The bases for objective forecasting of the various elements, however, are abundantly scattered through the text, tables and charts, if one can rely on records of only a few years duration at a time when the weather might have been anomalous. *Subject Headings:* 1. Climate of Soviet Arctic 2. Climate of Arctic Basin 3. Climatic data for Arctic 4. Warming of Arctic 5. Soviet Arctic 6. Arctic Basin. I. Tikhomirov, E. I. (ed.).—*M.R.*

2/2 pgs
GGL

LEONT'YEVA, YE. K.

Leont'yeva, Ye. K.

"Methods of Prophysaxis of Infectious Post-Natal Diseases as Viewed in Historical Perspective." First Leningrad Medical Inst imeni Academician I. P. Pavlov. Chair of Obstetrics and Gynecology. Leningrad, 1955. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

LEONT'YEVA, Ye.K.

Puerperal morbidity as a function of the course and management of labor. Vop.okh.mat.i det. 3 no.2:59-61 Mr-Ap '58. (MIRA 11:3)

1. Iz kafedry akusherstva i ginekologii (zav.-prof. I.I.Yakovlev) 1-go Leningradskogo meditsinskogo instituta imeni I.P.Pavlova.
(PUERPERIUM)

LECHIT'YEVA, Ye.K.

Clinical aspect of mastitis; according to 20-year data of a confinement home in the Sverdlov District of Leningrad. Sbor.nauch. trud. Kaf. akush. i gin. 1. LMI no.2:271-283'61. (MIRA 16:7)
(LENINGRAD—BREAST—DISEASES)

LEONT'YEVA, Ye.V.

Use of vegetation as a soil indicator in the interpretation of aerial photographs. Trudy MOIP 8:163-166 '64.
(MIRA 17:12)

MIROSHNICHENKO, V.P., otv. red.; VIKTOROV, S.V., red.; KALESNIK, S.V., red.; KELL', N.G., red.; LEONT'YEVA, Ye.V., red.; SAMOYLOVICH, G.G., red.; KUDRITSKIY, D.M., red.izd-va; KONDRAT'YEVA, M.N., tekhn. red.

[Using aerial photography methods in the study of landforms; transactions] Primenenie aerometodov v landshaftnykh issledovaniiakh; trudy. Moskva, Izd-vo Akad.nauk SSSR, 1961. 304 p. (MIRA 14:11)

1. Soveshchaniye po primeneniyu aerometodov v landshaftnykh issledovaniyakh, Leningrad, 1959.
(Aerial photogrametry--Congresses) (Landforms)

L[illegible]NT'YEVA, Yu. A.

"Preparations for Use in Combating White Rot in Grapes", Vinodeliye i Vinogradarstvo SSR, No. 4, pp 43-44, 1951.

1. LEONT'YEVA, YU. A.; ZUBOV, M. F.

2. USSR (600)

4. Fungicides

7. New preparation for controlling diseases of acorns. Les i step' 4 no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

1. LEONT'YEVA, Yu. A.; GERASIMOV, B. S.
2. USSR (600)
4. Herbicides
7. Using 2, 4-DU herbicide in vineyards. Vin. SSSR 12 no. 11 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

LEONT'YEVA, Yu.A.

USSR/Plant Diseases - Diseases of Cultivated Plants. O.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15985

Author : Yu.A. Leont'yeva
Inst : -
Title : A New Virus Disease in Potatoes in the Land Along the Volga River.
(Novoye virusnoye zabolevaniye kartofelya v Povolzh'ye).

Orig Pub : S. kh. Povolzh'ya, 1957, No 5, 38-41.

Abstract : The disease is characterized by weak development and a yellowish green color in the potato tops. The opening up is reduced by 2-3 times as is the leaf weight and size, and the leaves show marked flattening. The surface of the leaves becomes rough and crumpled. Necrosis of the upper atem and leaf edges is noted. Tubers of the infested plants take on a spindle shape. In the latter half of August the early set tubers of the diseased bushes take on in the spaee between the

Card 1/2

- 4 -

USSR/Plant Diseases - Diseases of Cultivated Plants. O.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15985

eyes of the middle and lower parts superficial circular pinkish, slightly puffed spots 0.5-2 cm in diameter. Fissures are formed in the spot tissue going 1-2 mm deep. Later the spots darken and cave in. When tubers are used in sowing which contain necrotic spots, the yield is lowered by 70%. The disease chiefly hits the Volzhanin and Seyanets 181 (30-63.3%) varieties. The author suggests that the disease is caused by a new breed of Virus F, a fusiform virus or a mixture of the two and gives leaf deformation its designation.

Card 2/2

LEONT'YEVA, Yu. A.

USSR/Plants Diseases - Diseases of Cultivated Plants. O.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15974

Author : Yu. A. Leont'yeva, B.S. Gerasimov

Inst : Kuybyshev Agricultural Institute.

Title : The Periods of Corn Seed Treatment in a Mixture of Granozan with Hexachloro cyclohexane and Merkuran. (Sroki protravlivaniya semyan kukuruzy smes'yu granozana s geksakhloranom i merkuranom).

Orig Pub : Izv. Kuybyshevskogo s.-kh. in-ta, 1957, 12, 73-79.

Abstract : The best results in controlling corn diseases and pests were obtained from treating the seeds in merkuran or a mixture of granozan (a synonym of HIUIF-2) with hexachloro cyclohexane. Their effectiveness increases in proportion to the proximity of sowing time that the treatment has been made. The treating of the corn seeds in 1955

Card 1/2

LEONT'YEVA, Yu. A.

USSR/Diseases of Plants. Diseases of Cultivated Plants O-3

Abs Jour : Ref Zhur-Biol., No 1, 1958, 1914

Author : Leont'yeva Yu. A.
Inst : Kuybyshev Agricultural Institute
Title : A New Potato Virus Disease

Orig Pub : Izv. Kuybyshevsk. s-kh. in-ta, 1957, 12, 81-92

Abstract : A disease which on the basis of the symptoms was classed with virus diseases has been found to affect certain varieties of potato in the Kuybyshev and Ul'yanov Oblasts. The disease has not been found to be fully identical to potato virus diseases known in literature. The disease is transmited by the sap and by inoculation of the tuber. Tobacco and pepper may also be infected by the sap. The yield of the diseased plants is decreased by 2to 3 times. The virus is transmited

Card 1/2

LEONT'YEVA, Yu.A.

High-yield virus-resistant potato clone of the "Early rose" variety. Nauch.dokl.vys.shkoly; biol.nauki no.3:139-144 '59. (MIRA 12:10)

1. Rekomendovana kafedroy fiziologii i zashchity rasteniy Kuybyshevskogo sel'skokhozyaystvennogo instituta.
(Potatoes--Disease and pest resistance)
(Virus diseases of plants)

BERSHTEYN, B.I.; LEONT'YEVA, Yu.A.; OKANENKO, A.S.

Effect of different types of degeneration on the amino acid content of potato tubers. Dokl.AN SSSR 134 no.4:976-979 O '60. (MIRA 13:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy. Predstavleno akademikom A.I. Oparinym.
(POTATOES--DISEASES AND PESTS)
(AMINO ACIDS)

LEONT'YEVA, Yu. A.

Identification of some virus diseases of potatoes. Nauch. dokl. vys. shkoly; biol. nauki no.3:158-162 '62.
(MIRA 15:7)

1. Rekomendovana kafedroy fiziologii i zashchity rasteniy Kuybyshevskogo sel'skokhozyaystvennogo instituta.

(POTATOES—DISEASES AND PESTS)
(VIRUS DISEASES OF PLANTS)

LEONT'YEVA, Yu. A., dotsent

The corn smut Ustilago zeae and chemical weed control in corn. Zashch. rast. ot vred. i bol. 5 no.6:24-25 Je '60. (MIRA 16:1)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut.

(Weed control)
(Corn(Maize)—Diseases and pests)
(Smuts)

LEONT'YEVA, Z. I.

"Burning of the Carbon Particle Moving in a Gas Flow." Thesis for degree of Cand. Technical Sci. Sub 6 Jun 49, Power Engineering Inst imeni G. M. Krzhizhanovskiy, Acad Sci USSR

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

L 24077-66 EWT(l)/EWP(m)/EWT(m)/EWA(d)/T/EWA(h)/EWA(l) JXT/WW/JW/JWD/WE/JT
ACC NR: AP6011966 SOURCE CODE: UR/0281/65/000/002/0158/0159

AUTHOR: Alad'yev, I. T.; Aleksandrov, B. K.; Baun, V. A.; Golovina, Ye. S.; Gol'denberg, S. A.; Zhimerin, D. G.; Zakharin, A. G.; Iyevlev, V. N.; Knorre, V. G.; Kolkov, G. I.; Leontyeva, Z. I.; Markovich, I. M.; Meyerovich, E. A.; Mikhnovich, G.V.; Popkov, V. I.; Popov, V. A.; Prodvoditelev, A. S.; Pyatnitskiy, L. N.; Styrikovich, M. A.; Tolstoy, Yu. G.; Tsukhanova, O. A.; Chukhanov, Z. F.; Shteyndlin, A. Ye.

ORG: none

TITLE: Lev Nikolayevich Khitrin

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 2, 1965, 158-159

TOPIC TAGS: academic personnel, physics personnel, combustion, carbon, high temperature research, plasma beam, fuel

ABSTRACT: Professor L. N. Khitrin, Corresponding Member, Academy of Sciences USSR, State Price Laureate, and Doctor of Engineering Sciences, died after a short but severe illness at the age of 58. He was well known here and abroad as an outstanding scientist and specialist in the field of combustion theory and the development of methods for speeding up burning of fuel. He began his scientific work at the All-Union Heat Engineering Institute after graduating from the physics department of Moscow University in 1930. His early work was on the propagation of flames in gases, and on heterogenous combustion. In 1948 he defended his Doctor's Dissertation on the theory of combustion of car-

Card 1/2 UDC: 621.036:92

L 24077-66

ACC NR: AP6014966

bon. His monograph "Combustion of Carbon" was awarded the State Prize in 1950. In 1951 he became the permanent director of the laboratory for the intensification of combustion processes of the G. M. Krzhizhanovskiy Power Institute. He was elected a corresponding member of the Academy of Sciences USSR in 1953. He headed the All Union Advisory Board on combustion, represented Soviet science at International Symposia, and was a member of the International Institute of combustion. For a number of years, he directed the Moscow general seminar on combustion, and took an active part in the work of the Scientific Council of the Academy of Sciences USSR, on high temperature heat physics, and of the scientific council on the comprehensive utilization of fuel. He devoted a large amount of attention to teaching work. He directed the Combustion Division of the Physics Department of Moscow State University. His monograph "Physics of Combustion and Explosion" (1957) is a basic text for students in this field. Three Doctor's Dissertations and fifteen Candidate Dissertations were defended under his direction. In the last years of his life he directed work on methods for comprehensive utilization of fuel at power stations so as to obtain valuable products from the mineral part of the fuel, as well as work on the physical chemical processes in a plasma stream, and the mechanism of interaction between carbon and gases. He was the author of more than 60 scientific works, for which he was awarded the Order of the Red Banner of Labor and medals. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 21, 20 / SUBM DATE: none

Card 2/2

ALAD'YEV, I.T.; ALEKSANDROV, B.K.; BAUM, V.A.; GOLOVINA, Ye.S.; GOL'DENBERG, S.A.; ZHIMERIN, D.G.; ZAKHARIN, A.G.; IYEVLEV, V.N.; KNORRE, V.G.; KOZLOV, G.I.; LEONT'YEVA, Z.I.; MARKOVICH, I.M.; MEYEROVICH, E.A.; MIKHNEVICH, G.V.; POPKOV, Z.I.; POPOV, V.A.; PREDVODITELEV, A.S.; PYATNITSKIY, L.N.; STYRIKOVICH, M.A.; TOISTOV, Yu.G.; TSUKHANOVA, O.A.; CHUKHANOV, Z.F.; SHEYNDLIN, A.Ye.

Lev Nikolaevich Khitrin, 1907-1965; obituary. Izv. AN SSSR. Energ. i transp. no.2:159-160 Mr-Ap '65. (MIRA 18:6)

LEONT'YEVA, Z. S.

USSR/Engineering - Heat Engineering, Dec 51
Combustion

"Combustion of Carbon Particle, Moving in Gas Flow," Z. S. Leont'yeva

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 12, pp 1801-1811

Expts with spherical charcoal bits and balls 5 mm in diam, pressed out of electrode carbon dust, demonstrated that burning particles move considerably slower than laws of hydrodynamics require. Character of particle motion, conditioned by chem process, was studied and relation was established

205T26

USSR/Engineering - Heat Engineering, Dec 51
Combustion (Contd)

between kinematic characteristics of particles motion and values characterizing oxide which leave surface of particle. Submitted by Acad M. V. Kirpichev.

205T26

ON

24(6) PHASE I BOOK EXPLOITATION SOV/3201

Akademiya nauk SSSR. Energeticheskiy institut

Gazodinamika i fizika goreniya (Gas Dynamics and Physics of Combustion) Moscow, Izd-vo AN SSSR, 1959. 170 p. Errata slip inserted. 3,000 copies printed.

Resp. Ed.: A.S. Predvoditelev, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: A.L. Bankvitser; Tech. Ed.: I.N. Guseva.

PURPOSE: The book is intended for physicists and engineers in various industries, interested in gas dynamics, combustion physics and related fields.

COVERAGE: This collection of articles represents the first attempts of the laboratory to investigate supersonic wave flow processes of combustion and explosion. The collection contains thirteen articles by personnel of the combustion laboratory of the Power Engineering Institute, Academy of Sciences, USSR, which treat the following aspects of combustion: 1) problems of turbulent combustion of gas mixtures; 2) the influence of turbulization of flow on the combustion process of gas mixtures; 3) theoretical investigations of inconsistencies in hydrodynamic theories of combustion and explosion, and the methods of Riemann, Hugoniot and Hadamard for describing front processes. The editor states that strict criteria have been established for separating from a class of physical phenomena a special class characterized by the frontal wave motion process. These criteria purportedly offer a new fundament to the identical and kinetic (compatability) conditions of wave motion of Hadamard and permit their generalization for the case of varying discontinuities of these or other physical quantities of an explosion wave front. No personalities are mentioned. References accompany each article.

7

80272
S/170/60/003/02/02/026
B008/B005

5.4300
11.1000

AUTHOR: Leont'yeva, Z. S.

TITLE: A Method for the Experimental Investigation of the Summary Kinetics of Gas Combustion

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 2, pp. 12-16

TEXT: L. N. Khitrin of the Energeticheskiy institut AN SSSR (Institute of Power Engineering of the AS USSR) suggested a modification of Longwell's method of investigating the summary kinetic rules of gas combustion at temperatures above 1,000°C. It is based on a rapid mixing (during 2-5.10^{-3} sec) of the fuel mixture with heated combustion products while a sufficiently homogeneous temperature field, homogeneous concentrations as well as nearly isothermal transformation conditions are established. The device schematically represented in Fig. 1 was constructed for a practical application of this method in the temperature range between 1,000 and 1,400°C. The performance of the experiment is described. Fig. 2 shows the carbon dioxide content in the

Card 1/2

mixture along the tube axis, and Fig. 3 the temperature distribution in the combustion chamber. The data found for carbon monoxide in the temperature range between 1,000 and 1,250°C are in good agreement with data from publications (Refs. 1,3,4,6,7) (Fig. 4). The result leads to the conclusion that the effect of micromixing in the working zone may be neglected, and that the results obtained were determined by the chemical reaction kinetics.

A. V. Sorokina, technical laboratory assistant, cooperated in this investigation. The author thanks L. N. Khitrin, Corresponding Member of the AS USSR, for his assistance. There are 4 figures and 7 references, 6 of which are Soviet.

ASSOCIATION: Energeticheskiy institut AN SSSR im. G. M. Krzhizhanovskogo, g. Moskva (Institute of Power Engineering of the AS USSR imeni G. M. Krzhizhanovskiy, City of Moscow)

ACCESSION NR: AP4024190 S/0294/64/002/001/0058/0064

AUTHOR: Gol'denberg, S. A.; Iyevlev, V. N.; Leont'yeva, Z. S.

TITLE: Determination of electrical conductivity of high-temperature combustion products by the induction method

SOURCE: Teplofizika vy*sokikh temperatur, v. 2, no. 1, 1964, 58-64

TOPIC TAGS: electrical conductivity, high temperature gas, combustion product, combustion, rocket exhaust, induction method

ABSTRACT: The electrical conductivities of combustion products of gasoline-oxygen mixtures in the temperature range of 2600—3000K at atmospheric pressure were measured by the induction method. Fig. 1 of Enclosure shows the experimental assembly used for obtaining the high-temperature gases. A homogeneous gasoline-air mixture passes into the burner, which consists of several sections. In section 1, the combustible mixture is mixed with oxygen injected through small orifices and is then ignited by a continuous-action gas-oxygen ignition source. Above the ignition source, water-cooled combustion chamber 3 is installed, in which intensive mixing and combustion take place.

Card 1/3

ACCESSION NR: AP4024190

Combustion is completed in quartz tube 6, (diameter, 40 mm; length, about 300 mm). To cool the chamber walls, air is passed through the jacket formed by quartz tubes 6 and 7. Salt solutions are introduced into section 2 through an atomizer nozzle to increase the electrical conductivity of the high-temperature gases. The assembly has the following performance parameters: consumption of the air-oxygen mixture, 54—70 m^3/hr, and gasoline consumption, 17—24 kg/hr. The concentration of oxygen in the mixture is varied from 38 to 60%. The flow velocity of the high-temperature combustion products is varied from 155 to 190 m/sec. The gas temperature, which was calculated on the basis of the gas composition and measured by the method of the sodium D-line reversal, is varied in the range of 2740—3030K. Potassium salt is injected in the form of an aqueous solution of KCNS. Provision is also made for simultaneous injection of dry potassium carbonate. The operation of the IEP-01 instrument used for determining the electrical conductivity is based on the interaction of a conductive medium with the radial component of a primary magnetic field. (See Fig. 2.) Fig. 3 shows the experimental and calculated electrical conductivities of the high-temperature gases. Expressions were also derived for calculating the induced electromotive force. The results indicate that the electrical conductivities of combustion products containing 0.7—1.5%

Card 2/6 3

ACCESSION NR: AP4024190

potassium in the temperature range of 2700—3000K vary in the range of 0.3—0.9 $ohm^{-1}cm^{-1}$. The determined electrical conductivities were in good agreement with values calculated by use of a correction factor. Orig. art. has: 4 figures, 3 formulas, and 1 table.

ASSOCIATION: Energeticheskiy institut im. G. M. Krzhizhanovskogo (Power Engineering Institute)

SUBMITTED: 13Jul63 DATE ACQ: 16Apr64 ENCL: 03

SUB CODE: PR NO REF SOV: 006 OTHER: 009

Card 3/3

L 6623-65 EWT(d)/EWT(l)/EWG(k)/EEC(k)-2/EPA(sp)-2/T/EEC-4/EPA(w)-2/EEC(t)/
EEC(b)-2/EWA(m)-2 Po-4/Pz-6/Pab-24/Pq-4/Pg-4/P1-4/Pk-4/P1-4 LJP(c)/AEDC(b)/
RAEM(1)/ASD(p)-3/ASD(a)-5/AEDC(a)/SSD(a)/AFETR/ESD(ga)/ESD(t)/RAEM(t) AT
ACCESSION NR: AP4047371 S/0294/64/002/005/0681/0688

AUTHORS: Gol'denberg, S. A.; Iyevlev, V. N.; Leont'yeva, Z. S. 131 129

TITLE: Electric conductivity measurements in high-temperature gas stream

SOURCE: Teplofizika vysokikh temperatur, v. 2, no. 5, 1964, 681-688

TOPIC TAGS: electric conductivity, plasma arc, collision cross section, resonator Q factor, plasma conductivity, combustion product

ABSTRACT: The electric conductivity of combustion products was determined in a 2400-3000K stream by varying the Q-factor of a high-frequency coil. In general, the Q-factor of a coil, upon introducing a conductor, is given by

$$\frac{Q_0}{Q_n} = \frac{\omega L_k}{r_k}\frac{r_k + r_n}{\omega L_k} = 1 + \frac{r_n}{r_k},$$

where r_k - coil resistance, ω-coil resonance frequency, L_k - coil inductance, r_n - plasma impedance. The method consists of determining r_n and, thereby, the plasma conductivity. This is done by calculating the circular currents induced by changes in the magnetic current and then determining the resulting emf. The corresponding equation for the figure of merit value in a plasma is derived $\frac{Q_0}{Q_n} - 1 = \sum_{i=1}^{\infty} \sigma_i \frac{\delta\varphi}{\partial R}\Delta R$,

Card 1/3

where σ_i - local conductivity, R - radius of coil, and φ is a function of the current loop area and radius in the plasma. Optimum coil parameters were found to be L = 2.6 μ henry, S_k = 460 pf, f = 4.6 megacycle and Q_0 = 320. Measurements were made in the combustion products of benzene and oxygen with the addition of potassium as seed material. Temperature profiles were determined by sodium D-line reversals. These compared favorably with estimates from a power law relationship used in equilibrium plasmas

$$\frac{\Delta T}{\Delta T_m} = 1 - \left(\frac{y_i}{R_c}\right)^{n}.$$

The above leads to a universal temperature distribution curve $T/T_m \approx 0.88$ from which the form-parameter $\bar{\varphi}$ is calculated and subsequently the electric conductivity σ. When these values are compared with the ones calculated by using the Chapman-Cowling expression for conductivity

$$\sigma = 0{,}532 \frac{e^2 n_e}{(m_e kT)^{1/2} \sum_k n_k Q_k},$$

L 6623-65
ACCESSION NR: AP4047371

where Q for electron-neutral collisions is estimated at 2.5 to 3 x 10^{-15} cm^2, a good agreement is obtained. "The authors express their gratitude to corresponding member of the AN SSSR, L. N. Khitrin, for his advice and valuable remarks." Orig. art. has: 15 formulas and 6 figures.

ASSOCIATION: Energeticheskiy institut im. G. M. Krzhizhanovskogo (Institute of Power Engineering)

SUBMITTED: 13Jul63 ENCL: 00

SUB CODE: ME, EM NO REF SOV: 010 OTHER: 005

Card 3/3

L 31304-66 EWT(m)/EWP(j) WW/JW/RM

ACC NR: AP6021668 SOURCE CODE: UR/0079/66/036/003/0397/0401

AUTHOR: Ponlin, A. A.; Zakhar'yevskiy, N. S. (Deceased); Leont'yevskaya, P. K. 74 B

ORG: Leningrad State University (Leningradskiy gosudarstvennyy universitet)

TITLE: Chemical heat and entropy of hydration of the ferricinium cation

SOURCE: Zhurnal obshchoy khimii, v. 36, no. 3, 1966, 397-401

TOPIC TAGS: entropy, hydration, cation, heat of reaction, isobaric potential, electromotive force, ion concentration, intermolecular complex

ABSTRACT: The change in the isobaric potential, the heat of reaction, and the entropy of reaction were determined by a potentiometric method at 25°C for the reaction $\frac{1}{2}H_2 + Fe(C_5H_5)_2^+ \rightleftarrows Fe(C_5H_5)_2 + H^+$ in aqueous solution. The standard entropy and chemical heat of hydration of the ferricinium cation in aqueous solution at 25°C were calculated from these values. The absence of any appreciable complex formation of the ferricinium cation with the chloride ion at 25°C within the interval of chloride ion concentrations from 0 to 0.1 M was demonstrated in an investigation of the electromotive force of the galvanic cell compiled from an electrode reversible with respect to the ferricinium cation and a glass electrode, as a function of the variable KCl concentration. Orig. art. has: 1 figure, 1 formula and 1 table. [JPRS]

SUB CODE: 07 / SUBM DATE: 22Mar65 / ORIG REF: 005 / OTH REF: 003

Card 1/1

UDC: 536.6+536.75:542.934

NIKITIN, S.N.; LEONT'YEVSKIY, B.B., redaktor; LARIONOV, G.Ya., tekhnicheskiy redaktor.

[Principles of the engineering hydrology of rivers] Osnovy inzhenernoi gidrologii rek. Moskva, Gos. energ. izd-vo, 1952. 230 p. [Microfilm]
(Rivers) (MLRA 7:12)

DVORYASHIN, V.I., professor, doktor tekhnicheskikh nauk; AKHUTIN, A.N., professor, otvetstvennyy redaktor; LEONT'YEVSKIY, B.B., redaktor; ASTAF'YEVA, G.A., tekhnicheskiy redaktor

[The time required for emptying the filling water reservoirs] Vremia oporozhneniia i napolneniia vodokhranilishch. Moskva, Izd-vo Akademii nauk SSSR, 1953. 46 p. [Microfilm] (MLRA 7:10)
(Water-supply engineering)

FAVORIN, N.N.; KOSTYAKOV, A.N., redaktor; LEONT'YEVSKIY, B.B., redaktor; ASTAF'YEVA, G.A., tekhnicheskiy redaktor.

[Irrigation canals and ground water] Orositel'nye kanaly i gruntovye vody. Moskva, Izd-vo Akademii nauk SSSR, 1954. 90 p.
(Irrigation) (Water, Underground) (MLRA 7:12)

FEDOROV, L.T., kand.tekhn.nauk; LEONT'YEVSKIY, B.B.; GIL'DENBLAT, Ya.D., kand.tekhn.nauk; KORENISTOV, D.V.; ROSSINSKIY, K.I., kand.tekhn. nauk; KUZ'MIN, I.A., kand.tekhn.nauk; KONDRATSKAYA, A.A., inzh.; NISAR-MUKHAMEDOVA, G.N., inzh.; PANOVA, G.M., inzh.; ROZHDESTVENSKIY, G.L., inzh.; SEMIKOLENOV, A.S., inzh.; TSAREVSKIY, S.V., inzh.; ZHUKOVA, M.F., inzh.; GRISHIN, M.M., retsenzent; KRITSKIY, S.N., doktor tekhn.nauk, red.; MENKEL', M.F., doktor tekhn.nauk, red.; GALAKTIONOV, V.D., kand.geol.-min.nauk, red.; ZAVALISHIN, I.S., inzh., red.; MALYSHEV, N.A., inzh., red.; MIKHAYLOV, A.V., doktor tekhn. nauk, red.; PETROV, G.D., inzh., red.; RAPOPORT, Ya.D., red.; RUSSO, G.A., kand.tekhn.nauk, glavnyy red.; SEVAST'YANOV, V.I., inzh., red.; TITOV, S.V., inzh., red.; TISTROVA, O.N., red.; LARIONOV, G.Ye., tekhn.red.

[Hydrology and water economy of the Volga-Don] Gidrologiia i vodnoe khoziaistvo Volgo-Dona. Pod red. S.N.Kritskogo i M.F.Menkelia. Moskva, Gos.energ.izd-vo, 1960. 146 p. (MIRA 13:11)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut "Gidroproyekt" imeni S.Ya.Zhuk. 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin).
(Don River--Water resources development)

LEONT[illegible]VSKIY, P.P., [illegible]

Comparative analysis of the results of computing maximum flood discharges resulting from snow melt by the use of formulas proposed by G.A. Alekseev, A.V. Ogievskii and V.I. Mokliak, M.F. Gribnyi, and L.T. Fedorov. Trudy Gidroproekta no.4:55-77 '60. (MIRA 15:2)

(Floods)

(Alekseev, G.A.) (Ogievskii, A.V.) (Mokliak, V.I.)
(Gribnyi, M.F.) (Fedorov, L.T.)

S/050/61/000/004/003/004
B117/B212

AUTHORS: Korenistov, D. V., Leont'yevskiy, B. B.

TITLE: Sergey Nikolayevich Kritskiy (on the occasion of his birthday)

PERIODICAL: Meteorologiya i gidrologiya, no. 4, 1961, 55-56

TEXT: This article has been written on the occasion of the 60th birthday of Sergey Nikolayevich Kritskiy, Doctor of Technical Sciences, chief hydrologist of the Gidroproyekt Ministerstva stroitel'stva elektrostantsiy (Gidroproyekt of the Ministry for the Construction of Electric Power Plants) and member of the Nauchno-tekhnicheskiy sovet Glavnogo upravleniya gidrometeosluzhby (Scientific and Technical Council of the Main Administration of the Hydrometeorological Service). While being a student Kritskiy has worked in the otdel rechnykh sooruzheniy Moskommunkhoza (Section of River Constructions of the Moskommunkhoz). After graduation from the Moskovskiy institut inzhenerov transporta (Moscow Institute of Engineers of Transportation) in 1926, he worked in the Trust "Vodokanal-proyekt." During this time he was in charge of the planning of hydrotechnical constructions

Card 1/3

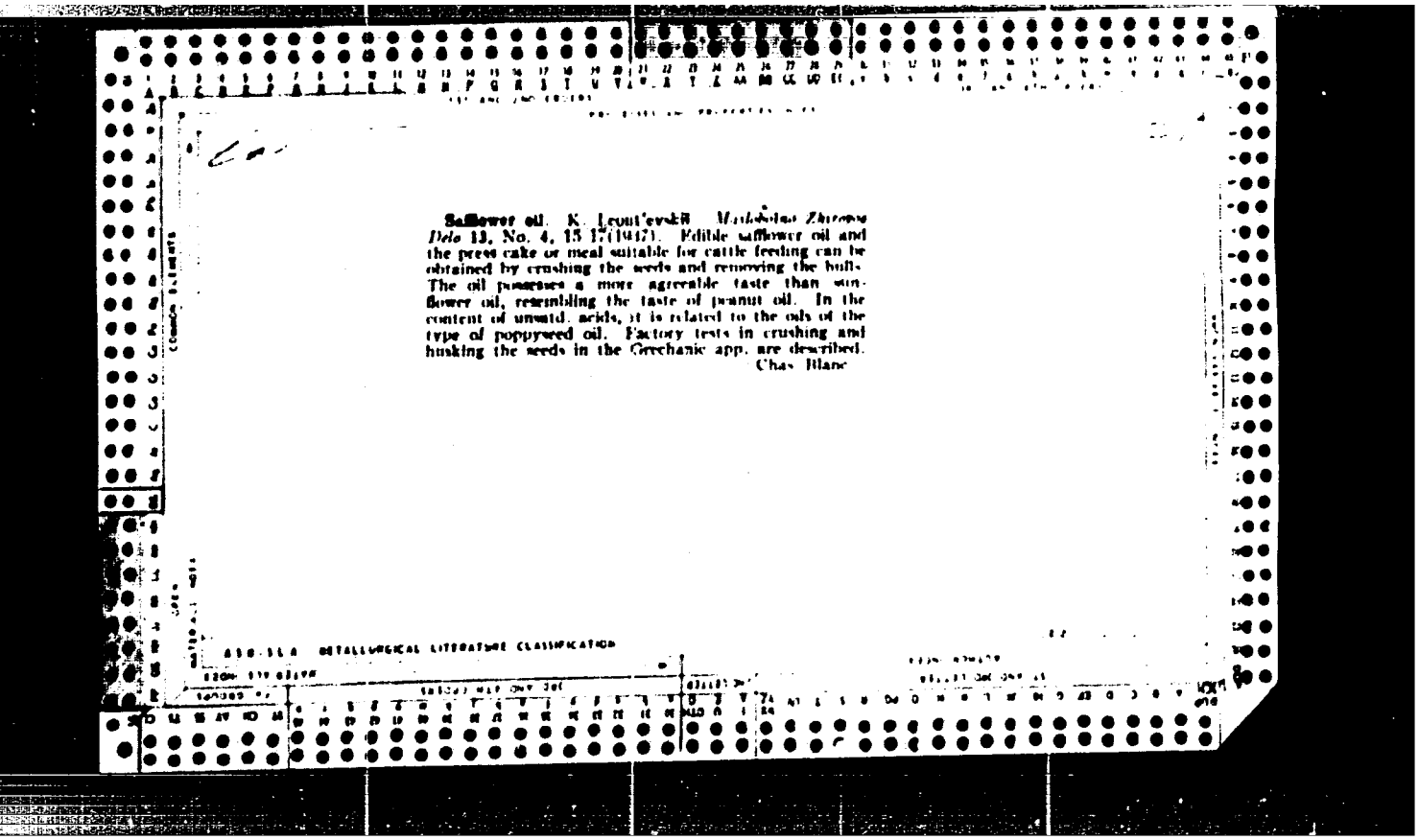
Sergey Nikolayevich ...

of the Stalingradskiy khimicheskiy kombinat (Stalingrad Chemical Combine). From 1932 till 1937 S. N. Kritskiy has been in the service as an instructor. After this he became the head of a department of the Voyenno-inzhenernaya akademiya im. V. V. Kuybysheva (Military Engineering Academy imeni V. V. Kuybyshev). In 1937 he was ordered to the Moskovskoye proyektnoye upravleniye Kuybyshevskogo gidrouzla (Moscow Design and Planning Administration of Construction of the Kuybyshev Hydroelectric Development), which later on became the Gidroproyekt, and was appointed head of the otdel gidrologii i vodnogo khozyaystva (Section of Hydrology and Water Resources). Kritskiy took part in the planning of projects for the construction of the Volga-Don Waterway, the Kuybyshev and Atalingrad Hydroelectric Developments, and other hydroelectric constructions. Besides his work in the field of planning, Kritskiy also devoted himself to scientific research. In cooperation with M. F. Menkel' he founded the Soviet school in the field of water resources, which mainly deals with flood control. The hydrologic and water-resource calculation methods which he has suggested are applied by leading hydrotechnical design and planning organizations and are also known abroad. In the course of 28 years S. N. Kritskiy has published over 50 scientific works, among them "Raschety rechnogo stoka" (1934), "Zimniy termicheskiy

Card 2/3

KORENISTOV, D.V.; LEONT'YEVSKIY, B.B.

Sergei Nikolaevich Kritskii; on his 60th birthday. Meteor. i gidrol. no.4:56-57 Ap '61. (MIRA 14:3)
(Kritskii, Sergei Nikolaevich, 1901-)



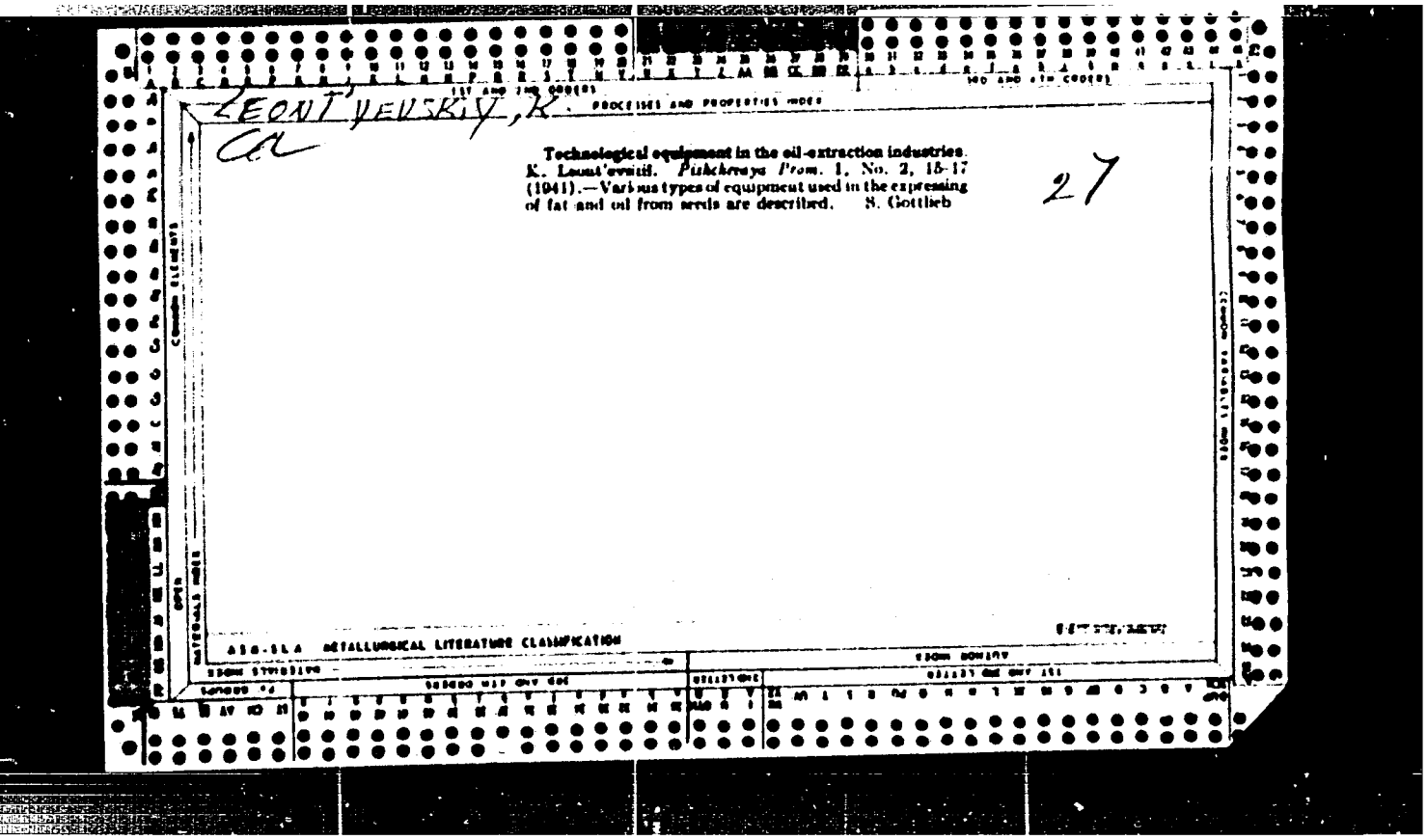
Safflower oil. K. [illegible] *Maslobino Zhirovo Delo* 13, No. 4, 15 17(1947). Edible safflower oil and the press cake or meal suitable for cattle feeding can be obtained by crushing the seeds and removing the hulls. The oil possesses a more agreeable taste than sunflower oil, resembling the taste of peanut oil. In the content of unsatd. acids, it is related to the oils of the type of poppyseed oil. Factory tests in crushing and husking the seeds in the Grechanic app. are described.
Chas. Blanc

CA

27

Anderson expeller RB. K. Leont'evskii and I. Mora-rov. *Maslobоіno Zhirovoe Delo* **15**, No. 2, 31 (1939).—The Anderson RB type expeller has been applied to the processing of copra, palm kernels and cottonseed. The machine is illustrated and its operation for these purposes is described. Julian F. Smith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



LEONT'YEVSKIY, K.

CA

Technological equipment in the oil-extraction industries. K. Leont'evskii. *Pishchevaya Prom.* 1, No. 2, 15-17 (1941).—Various types of equipment used in the expressing of fat and oil from seeds are described. S. Gottlieb

27

LEONT'YEVSKIY, K.Ye., kandidat tekhnicheskikh nauk.

[Cottonseed processing] Pererabotka semian khlopchatnika. Moskva, Pishchepromizdat, 1953. 115 p. (MLRA 6:8)
(Cottonseed oil)

IVANOV, P.M., inzhener; KARABYAN, A.I., inzhener; BAGDASAROV, B.S., inzhener [reviewers]; LEONT'YEVSKIY, K.Ye [author].

About K.E.Leont'evskii's book "Processing cottonseeds." P.M.Ivanov, A.I.Zarabyan, B.S.Bagdasarov. Masl.-zhir. prom. 18 no.11:25-27 '53. (MLRA 6:12)

(Cottonseed) (Leont'evskii, K.E.)

LEONT'YEVSKIY, Konstantin Yefimovich; KOLTYPIN, A.L., retsenzent: KOLTYPIN, A.L., spetsredaktor, retsenzent; PITKEVICH, M.G., spetsredaktor; SEMENOVA, N.L. redaktor; CHERYSHEVA, Ye.A., tekhnicheskiy redaktor

[Production of vegetable oils] Proizvodstvo rastitel'nykh masel. Moskva, Pishchepromizdat, 1956. 311 p. (MLRA 10:4)
(Oils and fats)

LEONT'YEVSKIY, K.Ye., kandidat tekhnicheskikh nauk; [illegible]'K, Ye.Yu.

Changes in protein substances in the processes of oil production. Masl.-zhir.prom. 21 no.3:13-14 '56. (MLRA 9:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Proteins) (Oils and fats)

LEONT'YEVSKIY, K.Ye., kandidat tekhnicheskikh nauk.

Screw and pan cookers. Masl.-zhir.prom. 23 no.1:14-15 '57.
(MLRA 10:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oil industries--Equipment and supplies)

LEONT'YEVSKIY, K.Ye., kand. tekhn. nauk.

Science in the service of the oil extraction industry. Masl.-zhir. prom. 23 no.10:14-17 '57. (MIRA 11:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oil industries)

RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; BODYAZHINA, Z.I.; VENGEROVA, N.V.; VISHNEPOL'SKAYA, F.A.; GALUSHKINA, M.A.; GAVRILENKO, I.V.; GRAUERMAN, L.A.; IRODOV, M.V.; KARANTSEVICH, L.G.; KREYSINA, R.A.; KUPCHINSKIY, P.D.; LEVIT, M.S.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.; LYUBCHANSKAYA, Z.I.; MAZYUKEVICH, V.A.; MAN'-KOVSKAYA, N.K.; NEVOLIN, F.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.; SARKISOVA, V.G.; SEMENOV, Ye.A.; STERLIN, B.Ya.; SERGEYEV, A.G., kand.tekhn.nauk, obshchiy red.; PRITYKINA, L.A., red.; TARASOVA, N.M., tekhn.red.

[Technical and chemical production control and accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaiushchei i zhiroperera batyvaiushchei promyshlennosti. Moskva, Pishchepromizdat. Vol.1. 1958. 403 p. (MIRA 13:1)
(Oil industries)

LEONT'YEVSKIY, K.Ye., kand. tekhn. nauk

Problems of the quality and variety of products in the oil extraction industry. Masl.-zhir. prom. 25 no.7:6-7 '59.
(MIRA 12:12)

(Oil industries)

LEONT'YEVSKIY, K.Ye., kand.tekhn.nauk; CHUDNOVSKAYA, M.A.

Method of determining the specific surface of loose materials.
Masl.-zhir.prom. 25 no.9:11-15 '59. (MIRA 12:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oilseeds)

BODYAZHINA, Z.I.; VENGEROVA, M.V.; GEYSHINA, K.V.; GRAUERMAN, L.A.; IRODOV, M.V.; KARANTSEVICH, L.G.; KRAL'-OSIKINA, G.A.; KUPCHINSKIY, P.D.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.; LYUBCHANSKAYA, Z.I.; MAZYUKEVICH, V.A.; MAN'KOVSKAYA, N.K.; NEVOLIN, F.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.; RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; SARKISOVA, V.G.; SEMENOV, Ye.A.; STARLIN, B.Ya.; TIPISOVA, T.G.; SERGEYEV, A.G., kand.tekhn.nauk, red.; PRITYKINA, L.A., red.; GOTLIB, E.M., tekhn.red.

[Technochemical control and production accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaiushchei i zhiroperarabatyvaiushchei promyshlennosti. Moskva, Pishchepromizdat. Vol.2. [Special methods in the analysis of raw material and semiprocessed and finished products] Spetsial'nye metody analiza syr'ia, polufabrikatov i gotovoi produktsii. 1959. 495 p. (MIRA 13:5)
(Oil industries) (Oils and fats--Analysis)

LEONT'YEVSKIY, K.Ye., kand.tekhn.nauk; TIKHONOV, M.I.; ZENIN, N.A.

Operating experience with two-stage screw presses. Masl.-zhir. prom. 26 no.11:38-40 N '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Leont'yevskiy, Tikhonov). 2. Belorechenskiy maslozavod (for Zenin).
(Oil industries--Equipment and supplies) (Power presses)

LEONT'YEVSKIY, K.Ye., kand.tekhn.nauk; CHUDNOVSKAYA, M.A.

Destruction of cell structure during crushing. Masl.-zhir.prom. 26 no.12:14-15 D '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Seeds)

MASLIKOV, Vladimir Arkhipovich; LEONT'YEVSKIY, K.Ye., kand. tekhn.nauk, retsenzent; GLUSHENKOVA, A.I., kand. tekhn. nauk, dots.; KHMEL'NITSKAYA, A.Z., red.; SATAROVA, A.M., tekhn. red.

[Technological equipment for the production of vegetable oils] Tekhnologicheskoe oborudovanie proizvodstva rastitel'nykh masel. Moskva, Pishchepromizdat, 1962. 428 p. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Leont'yevskiy). 2. Kafedra tekhnologii zhirov Sredneaziatskogo politekhnicheskogo instituta (for Glushenkova).
(Oil industries—Equipment and supplies)

LEONT'YEVSKIY, K.Ye., kand.tekhn.nauk; ROMANOVA, L.V., kand.biol.nauk

Conditions for preserving the quality of sunflower seeds.
Masl.-zhir.prom. 28 no.7:5-8 Jl '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Sunflower seed)

LEONT'YEVSKIY, K.Ye., kand. tekhn. nauk; TIKHONOV, M.I., inzh.; CHUDNOVSKAYA, M.A.

Effect of surface-active substances on oil yield in pressing. Masl.-zhir. prom. 28 no.10:17-20 O '62. (MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.

LEONT'YEVSKIY, K.Ye., kand. tekhn. nauk

Optimum degree of grinding in the processing of sunflower seeds. Masl.-zhir. prom. 29 no.5:6-9 My '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Sunflower seed oil)

LEONT'YEVSKIY, K.Ye., kand. tekhn. nauk; CHUDNOVSKAYA, M.A.

Methods for determining the degree of crushing of oil-bearing materials. Masl.-zhir. prom. 29 no.10:3-5 O '63. (MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.

KURYAYEV, Timofey Antonovich; CHERNENOK, Mikhail Yakovlevich; RENSKIY, N.M., retsenzent; LEONT'YEVSKIY, Ye.S., red.; SARATOV, V.F., red.; MAKRUSHINA, A.N., red. izd-va; RIDNAYA, I.V., tekhn. red.

[Manual for operators of motorboats and launches]Posobie voditeliu motornoi lodki i katera. Moskva, Izd-vo "Rechnoi transport," 1962. 210 p. (MIRA 15:9)
(Motorboats—Handbooks, manuals, etc.)

S.

LEONT'YEVSKIY, Ye., inzhener.

Treatment of feed water for use in boilers of river boats.
Mor. i rech.flot 14 no.8:17-20 Ag '54. (MLRA 7:8)
(Feed-water purification)

POPOV, Aleksandr Anatol'yevich; KRUTIN, G.I., retsenzent; FEDOROV, V.F., retsenzent; LEONT'YEVSKIY, Ye.S., red.; EBERLIN, K.Z., red.izd-va; TSVETKOVA, S.V., tekhn.red.

[Internal combustion marine engines] Sudovye dvigateli vnutrennego sgoraniia. Moskva, Izd-vo "Rechnoi transport," 1957. 426 p.
(Marine engines) (MIRA 11:2)

LEONT'YEVSKIY, Ye.S.

Floating cranes for small rivers. Rech. transp. 16 no.6:18-20 Je '57. (MLRA 10:8)

1. Nachal'nik Proizvodstvenno-tekhnicheskogo otdela Glavrechtransa.
(Floating cranes)

LEONT'YEVSKIY, Yevgeniy Sergeyevich; RENSKIY, Nikolay Mikhaylovich; KRYLOV, V.I., retsenzent; SHIMKO, K.N., retsenzent; GLADYSHEV, V.F., retsenzent; OSIPOV, L.L., retsenzent; TAREYEV, V.M., prof.,doktor tekhn. nauk, red.; VITASHKINA, S.A., red. izd-va; BODROVA, V.A., tekhn. red.

[Marine engineering handbook for the operation of motorships] Spravochnik dlia mekhanika i motorista teplokhoda. Sost. E.S. Leont'evskii i N.M.Renskii. Moskva, Izd-vo "Rechnoi transport," 1961. 558 p. (MIRA 15:2)
(Marine engineering) (Motorships)

LAKHANIN, Vladimir Vladimirovich, prof., doktor tekhn. nauk; KHOZE, Anatoliy Naumovich, dots., kand. tekhn. nauk; LEONT'YEVSKIY, Ye.S., inzh., retsenzent; KONOVALOV, Ye.S., kand. tekhn. nauk, retsenzent; SHILYAYEV, P.N., kand. tekhn. nauk, retesenzent; POTAPOV, N.S., inzh., red.; SHLENNIKOVA, Z.V., red. izd-va; BODROVA, V.A., tekhn. red.

[General heat engineering; thermodynamics and marine power plants] Obshchaia teplotekhnika; termodinamika i sudovye silovye ustanovki. Moskva, Izd-vo "Rechnoi transport," 1961. 300 p. (MIRA 15:2)

(Marine engines) (Thermodynamics)

PRONIN, Mikhail Vasil'yevich; LEONT'YEVSKIY, Ye.S., retsenzent; DANIL'CHENKO, S.M., retsenzent; VOYTSEKHOVSKIY, V.I., red.; KAN, P.M., red. izd-va; BODROVA, V.A., tekhn. red.

[Prolonging the life of the 3D6 engine]Udlinenie sroka sluzhby dvigatelia 3D6; opyt Kievskogo sudostroitel'no-sudoremontnogo zavoda. Moskva, Izd-vo "Rechnoi transport," 1962. 62 p. (MIRA 16:1)

(Naval diesel engines)

IKONNIKOV, Sergey Alekseyevich, dots., kand. tekhn. nauk; URLANG, Foma Davydovich, dots., kand. tekhn. nauk; LAKHANIN, V.V., prof., doktor tekhn.nauk, retsenzent; REZNIKOV, E.G., inzh., retsenzent; LEONT'YEVSKIY, Ye.S., nauchn. red.; SHLENNIKOVA, Z.V., red.izd-va; BUDKOVA, V.A., tekhn. red.

[Design of marine power plants (for the merchant marine)] Proektirovanie sudovykh silovykh ustanovok (transportnogo flota). Moskva, Izd-vo "Rechnoi transport," 1963. 383 p. (MIRA 16:12)

1. Gor'kovskiy institut inzhenerov vodnogo transporta (for Ikonnikov). Leninskiy institut vodnogo transporta (for Urlang).

(Marine engineering)

NAUMOV, Aleksandr [illegible]
[deceased] [illegible], MYTAREV, R.I., retsenzent, [illegible] red.; VITASHKINA [illegible]

[Manual for [illegible] fleet] [illegible] flota. [illegible] (MIRA 18:9)

PLISAN, O.O., dotsent; LEONTYUK, A.S.

Removal of embolus form aortic bifurcation. Sov.med.20 no.10:86-88 O '56. (MLRA 10:1)

1. Iz kafedry fakul'tetskoy khirurgii Minskogo meditsinskogo instituta (dir. - dotsent I.M.Stel'mashonok)

(AORTA, dis.
embolus of bifurcation, surg.)

IZONTYUK, A.S. [Leantsiuk, A.S.]

Connections of intercostal nerves. Vestsi AN BSSR. Ser. biial. nav. no.4:111-117 '57. (MIRA 11:6)
(NERVES, INTERCOSTAL)

LEONTYUK, A. S., Candidate Med Sci (diss) -- "The development, structure, and connections of the intercostal nerves in man". Minsk, 1958. 14 pp (Minsk State Med Inst), 200 copies (KL, No 24, 1959, 150)

LEONTYUK, A.S.

Ramification and branching of the intercostal nerves in human embryogenesis. Vop.morf.perif.nerv.sist. no.4:179-201 '58. (MIRA 13:5)

(NERVES, INTERCOSTAL)

GOLUB, D.M.; AVROS'YEV, A.P.; LEONTYUK, A.S.; NOVIKOV, I.I.; ORLOVA,B.L.; KHEYNMAN, F.B.

Formation of new sensory paths in the pelvic organs. Dokl.AN BSSR 3 no.3:123-125 Mr '59. (MIRA 12:8)
(Viscera--Innervation)

LEONTYUK, A.S.

Anatomical data on the structure and connections of the intercostal nerves in man. Vop. morf. perif. nerv. sist. no.5:166-179 '60. (MIRA 14:3)

(NERVES, INTERCOSTAL)

GOLUB, D.M.; AMVROS'YEV, A.P.; LECNTYUK, A.S.; NOVIKOV, I.I.; ORLOVA, B.L.; KHEYNMAN, F.B.

Data on the formation of new afferent pathways in the urinary bladder and large intestine. Arkh. anat. gist.i embr. 38 no.1:3-19 Ja '60. (MIRA 13:7)

1. Kafedra anatomii cheloveka (zav. - prof.D.M.Golub) Minskogo meditsinskogo instituta i laboratorii morfologii Instituta fiziologii Akademii nauk BSSR. Adres avtorov: Minsk, Universitetskaya ul., 2, Meditsinskiy institut. Kafedra anatomii cheloveka.

(BLADDER--INNERVATION) (INTESTINES--INNERVATION)

LEONTYUK, A.S.

Variants in the branching of the internal thoracic artery in man.
Zdrav. Bel. 7 no.3:39-40 Mr '61. (MIRA 14:3)

1. Iz kafedry normal'noy anatomii cheloveka (zaveduyushchiy kafedroy-akademik AN BSSR D.M.Golub) Minskogo meditsinskogo instituta.
(THORACIC ARTERY)

KALITA, T.N.; LEONTYUK, A.S.; PETROVA, R.M.

David Moiseevich Golub; on his 60th birthday and the 35th anniversary of his medical, scientific, pedagogic and public work. Arkh. anat. gist. i [illegible] 41 no.12:118-121 D '61. (MIRA 15:3)
(GOLUB, DAVID MOISEEVICH, 1901-)

LEONTYUK, A.S.

Internal structure of the stems of intercostal nerves and the connections among them in man. Vop. morf. perif. nerv. sist. no.6:153-170'63. (MIRA 16:10)

(NERVES, INTERCOSTAL)

GOLUB, D.M., akademik; ANDROSYEV, A.I.; GAYKO, L.A.; LEONTYUK, A.S.; LEONTYUK, L.A.; MOKHORT, V.A.; NOVIKOV, I.I.; OLOVA, B.L.; PRIKOPCHUK, V.A.; SAVCHENKO, N.Ye.; KHEYFIMAN, F.B.

[Formation of new nervous and vascular tracts in the organs of the small pelvis] Obrazovanie novykh nervnykh i sosudistykh putei organov malogo taza. Pod red. D.M. Goluba. Minsk, 1964. 198 p. (MIRA 18:2)

1. Akademiya nauk BSSR, Minsk. Institut fiziologii.
2. Akademiya nauk Belorusskoy SSR (for Golub).

GOLUB, D.M., akademik; AMVROS'YEV, A.P.; GAYKO, L.A.; LE[illegible]YUK, A.S.; LEONTYUK, L.A.; MOKHORT, V.A.; NOVIKOV, I.I.; ORLOVA, B.L.; PROKOPCHUK, V.A.; SAVCHENKO, N.Ye.; KHEYNMAN, F.B.

[Formation of new nervous and vascular tracts in the organs of the small pelvis] Obrazovanie novykh nervnykh i sosudistykh putei organov malogo taza. Pod red. D.M. Goluba. Minsk, 1964. 198 p. (MIRA 18:2)

1. Akademiya navuk BSSR, Minsk. Instytut fiziialogii.
2. Akademiya nauk Belorusskoy SSR (for Golub).

KVAPILEV, A.I., kand. sel'khoz. nauk; SEREBRYAKOV, K.M., nauchnyy sotrud.; DEMINA, M.F., kand. biolog. nauk; ZUSMAN, N.S., kand. biolog. nauk; LEPESHKIN, V.I., nauchnyy sotrud.; LEONTYUK, S.V., kand. veter. nauk; GUSEV, S.A., kand. veter. nauk; DOBYCHINA, I.N., red.; PROKOF'YEVA, L.N., tekhn. red.

[Rabbit raising] Krolikovodstvo. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 311 p. (MIRA 14:9)

1. Sotrudniki Nauchno-issledovatel'skogo instituta pushnogo zverovodstva i krolikovodstva (for all except Dobychina, Prokof'yeva).
(Rabbits)

LEONTIUK, D. V. Cand Vet Sci

"Therapeutics during pasteurellosis in rabbits."

Veterinariya, Vol. 37, No. 1, 1960, p. 31

Sci Res Inst - Fur Bearing Animals and Rabbit Breeding

PAVLOV, M.K.; BABAK, B.D.; MININA, I.S.; LEONTYUK, S.V.; GRIGOR'YEV, Ye.; USACHEVA, I.G., red.; SOKOLOVA, N.N., tekhn. red.

[Manual for the rabbit raiser]Spravochnik krolikovoda. Moskva, Sel'khozizdat, 1962. 214 p. (MIRA 15:11)
(Rabbits)

LEONTYUK, S.V., kand.veter. nauk

Therapy for pasteurellosis in rabbits. Veterinariia 37 no.1:31-33 Ja '60. (MIRA 16:6)

1. Nauchno-issledovatel'skiy institut pushnogo zverovodstva i krolikovodstva.
(Rabbits—Diseases) (Hemorrhagic septicemia)