

LETICHEVSKIY, I.M., kand.tekhn.nauk

Introducing new machinery in laundries. Gor.khoz.Mosk. 36
no.12:25-27 D '62. (MIRA 16:2)

1. Akademiya kommunal'nogo khozyaystva im. K.D.Pamfilova.
(Moscow—Laundry machinery)

LETICHEVSKIY, M.A.

Fish Culture

Improper application of spawning beds, Ryb. khoz., 28 No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

LETICHEVSKIY, M.A.

Fish Culture - Volga River

Role of the selection of male breeding stock in increasing the number of young in fish hatcheries of the Volga delta. Ryb. khcz. 23 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

LETICHEVSKIY, M.A.

Sexual maturity of the Volga Delta carp depending upon the
conditions of fattening. Zool.zhur.33 no.1:136-138 Ja-F '54. /
(MLRA 7:2)

1. Vsesoyuznyy nauchnyy institut rybolovstva i okeanografii.
(Volga Delta--Carp) (Volga Delta--Carp)

LETICHEVSKIY, M.A.

LETICHEVSKIY, M.A., kand.biol.nauk.

Raising market-size carp in the Volga Delta bodies of water.
Trudy VNIRO 32:146-164 '56. (MIRA 10:10)
(Volga Delta--Carp)

LETICHEVSKIY, M.A.

Relation between changes in fatness and the maturation of gonadal products in the Siberian white salmon [with summary in English].
Zool. zhur. 37 no.4:594-600 Ap '58. (MIRA 11:5)

1. Kaspiyskiy institut rybnogo khozyaystva, Astrakhan'.
(Volga River--Salmon) (Fish culture)

AUTHOR: Letichevskiy, M. A. SOV/20-122-1-56/44

TITLE: On the Problem of Winter and Summer Varieties of Stenodus leucichthys (Gueldenstaedt) (K voprosu ob ozimnykh i yarovykh rasakh u belorybitsy Stenodus leucichthys (Gueldenstaedt))

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 1, pp 151-155 (USSR)

ABSTRACT: In his papers L. S. Berg (Refs 1-3) called seasonal races of several fish types "summer-" and "winter" races in analogy to corn. He classifies also Stenodus leucichthys (Ref 4) among those races. Early in the year the summer races penetrate into the rivers and spawn in the same year. In autumn the winter races come from the sea and penetrate into the rivers. They reproduce themselves during the following year. These assumptions have, however, not been established by direct observations. This paper gives informations on this subject. In consequence of the construction of the Kuybyshev dam (in the upper course of the Ufa river) in 1955/1956 the mentioned fish were prevented from reaching their usual spawning places. It was very important to work out methods for the production of pubescent parent fish under artificial conditions. This was successfully

Card 1/3

SOV/20-122-1-36/44
On the Problem of Winter and Summer Varieties of *Stenodus Leucichthys* (Guelden-
staedt)

carried out (Ref 5). In this connection the differences between winter and summer race could be investigated. In 60 investigated fish no deviations with respect to length and weight as well as maturity of spawn and male sexual products could be found (Table 1). Also the chemical analysis of the flesh and the intestines of the fish did not reveal any clear differences (Table 2). There is no reason whatsoever, to regard the two types of fish which penetrate in different seasons into the rivers and spawn there, as two different races: The time of migration of *Stenodus leucichthys* is very long and therefore there is no clear difference between the spawning time of the two groups (Table 3). There are 3 tables and 6 references, all of which are Soviet.

ASSOCIATION: Kaspiyskiy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii (Caspian Scientific Research Institute of Marine Fishery and Oceanography)

Card 2/3

On the Problem of Winter and Summer
staedt)

SOV/20-122-1-36/44
of *Stenodus Leucichthys* (Guelden-

PRESENTED: April 26, 1958, by Ie. N. Pavlovskiy, Member, Academy of
Sciences, USSR

SUBMITTED: February 19, 1957

Card 5/3

BELYAKOV, F.Ye.; BABIN, B.N.; BAL', V.; BOROVKOV, P.N.; VOYEVODIN, I.N.;
 GUREVICH, G.M.; GORBUNOVA, P.I.; KOHNOV, A.S.; KALANTAROVA, M.V.;
 KASHIRSKIY, A.Ya.; KAZANCHIYEV, Ye.N.; LEKSUTKIN, A.F.; LETI-
 CHEVSKIY, M.A.; LOPATIN, S.Z.; MIRSKIY, V.N.; PODSEVALOV, V.N.;
 SUBBOTIN, V.P.; TAHASIYCHUK, N.P.; FEDOTOV, S.D.; FISEKO, K.N.;
 EL'KIND, I.G.; BOVIN, S.S.; VASIL'YEV, L.T.; DRINKOV, V.D.; DALE-
 CHIN, N.I.; DADAGOV, I.A.; YERMOSHINA, V.I.; ZHUKOV, I.V.; ZIMIN,
 D.A.; IVANNIKOV, A.Ya.; KOVALEV, M.K.; LUGAKOVSKIY, N.L.; NALEVSKIY,
 A.F.; SEREZHNIKOV, V.K.; SEMIGLASOV, M.D.; SOKOLOV, A.V.; STEPANOV,
 V.I.; SAKHARIN, G.S.; SAVENKO, P.A.; SOLODOV, V.P.; UMEROV, Sh.Kh.;
 CHIKINDAS, G.S.; SHCHERBUKHINA, S.N.; DYNKIN, G.Z.; LYSOV, V.S.;
 OSHEROVICH, A.N.; ROKITSINSKIY, E.V.; BRASLAVSKIY, M.S.; RUDENKO,
 I.A.; ZHUKOBORSKIY, M.S.; ZHDANOV, I.Ye.; SUSLIN, V.A.; BRUS, A.Ye.;
 VOLYNSKIY, S.A.; KLYUYEV, V.A.; ISTRATOV, A.G.; TIKHOMIROV, I.F.;
 BUTYRIN, Ya.N.; VOLYNSKIY, S.A.; MINEYEV, M.F.; MAL'TSEV, V.I.;
 VIDETSKIY, A.F., kand.tekhn.nauk, glavnyy red.; DEMIDOV, A.N., red.;
 KRAVETS, A.L., red.; KLIMOVA, Z.I., tekhn.red.

[Industrial Astrakhan] Promyshlennaya Astrakhan'. Astrakhan',
 Izd-vo gazety "Volga," 1959. 318 p. (MIRA 12:11)

1. Astrakhan (Province) Ekonomicheskiy administrativnyy rayon.
 (Astrakhan Province--Economic conditions)

VISHNEVETSKIY, F.Ye.; LETICHEVSKIY, M.A.

A case of jaundice in migratory sturgeons [with summary in English].
Zool. zhur. 38 no.4:631 Ap '59. (MIRA 12:5)

1. Caspian Research Institute of Fisheries and Oceanography (Astrakhan),
the Hospital of Lenin District of the Town of Astrakhan.
(Volga River--Sturgeons--Diseases and pests)
(Jaundice)

LETICHEVSKIY, M.A.

Maturation of fall-run spawners of the Siberian white salmon in
captivity. Vop. ikht. no. 14:101-109 '60. (MIRA 13:8)

1. Kaspiyskiy nauchno-issledovatel'skiy institut morskogo
rybnogo khozyaystva i okeanografii. (Fish culture)
(Salmon)

LETICHEVSKIY, M., kand.biol.nauk

There is no time to be lost. WFO 2 no.11:22-23 M '60.
(MIRA 13:11)

(Caspian Sea--Fish culture)

ANISIMOVA, I.M.; LETICHEVSKIY, M.A.

Changes in the gonads of the Siberian white salmon during the
prespawning period. Vop. ikht. no.17:39-46 '61. (MIRA 14:5)

1. Kaspiyskiy nauchno-issledovatel'skiy institut morskogo rybnogo
khozyaystva i okeanografii (KaspNIRO).
(Volga River—Salmon) (Generative organs)

LETICHEVSKIY, M.A.

Raising commercial fish in lagoons of the Volga Delta.
Trudy sov. Ikht. kom. no.14:151-156 '62. (MIRA 15:12)

1. Kaspiyskiy nauchno-issledovatel'skiy institut morskogo
rybnogo khozyaystva i okeanografii (KaspNIRO).
(Volga Delta--Fish culture)

LETICHEVSKIY, Mark Aronovich; PAVLOVSKIY, A.Ya., red.; KLIMOVA,
Z.I., tekhn. red.

[Reproduction of the stock of commercial fishes in the
Volga-Caspian Sea region] Vosproizvodstvo zapasov pro-
myslovykh ryb Volgo-Kaspiia. Astrakhan', Izd-vo "Volga,"
1963. 27 p. (MIRA 17:2)

S/044/62/000/009/052/069
A060/A000

AUTHOR: Letichevs'kiy, O.A.

TITLE: Equivalence in a class of addressing algorithms

PERIODICAL: Referativnyy zhurnal, Matematika, no. 9, 1962, 37, abstract 9V194
("Zb. prats' z obchysl. matem. i tekhn." T. I. Kyiv, AN URSR,
1961, 45 - 60, Ukrainian; Russian summary)

TEXT: The author considers a set $\Omega = (a, b, \dots)$, the elements of which are called addresses. A finite mapping A of the set Ω onto itself is a mapping which replaces every address a by the address $a' = aA$, where $a \neq a'$ for only a finite number of addresses. An elementary transfer $\begin{bmatrix} a \\ b \end{bmatrix}$ is defined as the operation which to every finite mapping A gives a corresponding mapping $\begin{bmatrix} a \\ b \end{bmatrix}$ such that $x(A \begin{bmatrix} a \\ b \end{bmatrix}) = xA$ for $x \neq b$ and $b(A \begin{bmatrix} a \\ b \end{bmatrix}) = aA$. A transfer is defined as an operator representing a product of sequentially carried out elementary transfers. The transfers B and D are called equivalent over the set of addresses $\Omega' \subseteq \Omega$ if for any mapping A and any address $a \in \Omega'$ $a(AB) = a(AD)$. The construction of a complete system of equivalent transformations of transfers

Card 1/2

Equivalence in a class of addressing algorithms
for any set Ω' is described.

S/044/62/000/009/052/069
A060/A000

V.V. Martynyuk

[Abstracter's note: Complete translation]

Card 2/2

PERCHATKIN, P.N.; PANOV, A.S.; BEZDENAZHNYKH, A.A.; BIGMYEV, A.M.; LATIMIN, V.N.;
D'YAKONOV, A.I.

Sulfur distribution between metal and slag during conversion
smelting of low-manganese pig iron. Izv. vys. ucheb. zav.; chern.
met. no.1:33-40 '60. (MIRA 13:1)

1. Magnitogorskiy gorno-metallurgicheskiy institut.
(Open-hearth process) (Desulfuration)

LETIMINI, V IV

85

PHASE I BOOK EXPLOTTATION

807/5556

Moscow. Institut stali.

Novoye v teorii i praktike proizvodstva martenovskoy stali (New [Developments] in the Theory and Practice of Open-Hearth Steelmaking) Moscow, Metallurgizdat, 1961. 439 p. (Series: Trudy Mashvuzovskogo nauchnogo soveshchaniya) 2,150 copies printed.

Sponsoring Agency: Ministerstvo vysshago i srednego spetsial'nogo obrazovaniya RSFSR. Moskovskiy institut stali imeni I. V. Stalina.

Eds.: M. A. Glinkov, Professor, Doctor of Technical Sciences, V. V. Kondakov, Professor, Doctor of Technical Sciences, V. A. Kudrin, Docent, Candidate of Technical Sciences, G. N. Oyks, Professor, Doctor of Technical Sciences, and V. I. Yavovskiy, Professor, Doctor of Technical Sciences; Ed.: Ye. A. Borko; Ed. of Publishing House: N. D. Gromov; Tech. Ed.: A. I. Karasev.

PURPOSE: This collection of articles is intended for members of scientific institutions, faculty members of schools of higher education, engineers concerned with metallurgical processes and physical chemistry, and students specializing in these fields.

Card 1/14

New [Developments] in the Theory (Cont.)

85
BOV/5556

COVERAGE: The collection contains papers reviewing the development of open-hearth steelmaking theory and practice. The papers, written by staff members of schools of higher education, scientific research institutes, and main laboratories of metallurgical plants, were presented and discussed at the Scientific Conference of Schools of Higher Education. The following topics are considered: the kinetics and mechanism of carbon oxidation; the process of slag formation in open-hearth furnaces using in the charge either ore-lime briquets or composite flux (the product of calcining the mixture of lime with bauxite); the behavior of hydrogen in the open-hearth bath; metal desulfurization processes; the control of the open-hearth thermal melting regime and its automation; heat-engineering problems in large-capacity furnaces; aerodynamic properties of fuel gases and their flow in the furnace combustion chamber; and the improvement of high-alloy steel quality through the utilization of vacuum and natural gases. The following persons took part in the discussion of the papers at the Conference: S.I. Filippov, V.A. Kudrin, M.A. Glinkov, R.P. Nam, V.I. Yavovskiy, G.N. Oyks and Ye. V. Chelishchev (Moscow Steel Institute); Ye. A. Kazachkov and A. S. Kharitonov (Zhdanov Metallurgical Institute); N.S. Mikhaylets (Institute of Chemical Metallurgy of the Siberian Branch of the Academy of Sciences USSR); A.I. Stroganov and D. Ya. Povolotskiy (Chelyabinsk Polytechnic Institute); P.V. Umrikhin (Ural Polytechnic Institute); I.I. Fomin (the Moscow "Berp 1 molot" Metallurgical Plant); V.A. Fuklev (Central Asian Polytechnic Institute);

Card 2/14

80V/5556

New [Developments] in the Theory (Cont.)

and M.I. Beylinov (Night School of the Dneprodzerzhinsk Metallurgical Institute).
References follow some of the articles. There are 268 references, mostly Soviet.

TABLE OF CONTENTS:

Foreword

Yavoyevskiy, V. I. [Moskovskiy institut stali - Moscow Steel Institute].
Principal Trends in the Development of Scientific Research in Steel
Manufacturing

Filippov, S. I. [Professor, Doctor of Technical Sciences, Moscow Steel
Institute]. Regularity Patterns of the Kinetics of Carbon Oxidation
in Metals With Low Carbon Content
[V. I. Antonenko participated in the experiments]

Levin, S. L. [Professor, Doctor of Technical Sciences, Dnepropetrovskiy
metallurgicheskiy institut - Dnepropetrovsk Metallurgical Institute].

Card 3/14

New [Developments] in the Theory (Cont.)

804/5556

9

Perchatkin, P.N. [Engineer], A.A. Bezdenezhnykh [Docent, Candidate of Technical Sciences], A.M. Bigeyev [Docent, Candidate of Technical Sciences], and V.N. Lotimin [Engineer], [Magnitogorsk Mining and Metallurgical Institute]. Effect of Furnace Atmosphere on the Behavior of Sulfur During Melting in the High-Capacity Open-Hearth Furnace

361

Ivanov, R.M. [Candidate of Technical Sciences], Ye. V. Abrosimov [Moscow Steel Institute]. Temperature Regime of the Oxygen-Blown Open-Hearth Bath

371

Samarin, A.M. [Corresponding Member of the Academy of Sciences USSR], and A.P. Potrusayev [Engineer], [Moscow Steel Institute]. Change in Metal Composition Caused by Oxygen Blowing

379

Fiklev, V.A. [Docent, Candidate of Technical Sciences, Srednesziatskiy politekhnicheskiy institut - Central Asia Polytechnic Institute]. Desiliconizing Pig Iron by Oxygen in a Special Spout While Pouring Iron into the Open-Hearth Furnace

388

Card 13/14

VORONOV, F.D.; BIGEYEV, A.M.; KOTOV, V.N.; SHITOV, I.S.; LETIMIN, V.N.

Production of fluxed briquets for converter steel smelting.
Stal' 23 no. 3:214-216 Mr '64. (MIRA 17:5)

1. Magnitogorskiy metallurgicheskiy kombinat i Magnitogorskiy
gornometallurgicheskiy institut.

SHKOL'NIKOV, L.G.; LETINA, V.I.

Treatment of thromboanglitis obliterans with umbilical tissue transplant.
Vest. khir. 71 no.1:40-44, 1951. (CIWL 20:8)

1. Of Novosibirsk Institute for Restorative Surgery, Traumatology, and Orthopedics of the Ministry of Public Health RSFSR (Director—V.N. Kurlov) and of the Department of Orthopedics and Traumatology of Novosibirsk Institute for the Advanced Training of Physicians (Director—Zalasskiy; Head of Department—L.G. Shkol'nikov).

LETHIA, V.I., mladshiy nauchnyy sotrudnik (Novosibirsk 15, prospekt
Dzerzhinskogo d.5, kv.11)

Use of preserved bone heterograft in experimental fixation of the
spine. Ortop., travm. i protez. 25 no.1252-54 Ap '61
(MIRA 184)

1. Iz otdeleniya ortopedii i travmatologii dlya vostochnykh frank-
voditel' - doktor med. nauk Ya I. ISiriyan) Novosibirskogo ins-
tituta travmatologii i ortopedii (direktor - doktor E.F.
Matelkin).

LEPINA, V. I.

"The Treatment of Endarteritis Obliterans with Medical Tissue."
Cand med Sci, Tomsk State Medical Inst, Novosibirsk, 1953. (Zhurnal,
No 3, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical
Dissertation Defended at USSR Higher Educational Institutions.
(14)

LETINA, V. I., Cand Med Sci -- (diss) "Tissue^u therapy in the complex treatment of endarteritis obliterans." Novosibirsk, 1958. 17 pp (Novosibirsk State Med Inst), 250 copies (KL, 17-58, 112)

-87-

L 1796-66

ACCESSION NR: AP5017528

UR/0243/65/000/007/0007/0009

815.43:615.11 (47)

AUTHOR: Letina, V. S.; Tubina, I. S.; Chemerisskaya, A. A.

TITLE: General analytic methods in the SSSR State Pharmacopeia

SOURCE: Meditsinskaya promyshlennost' SSSR, no. 7, 1965, 7-9

TOPIC TAGS: test method, drug, pharmacology, drug industry, quality control, analytic chemistry

ABSTRACT: The article describes methods to be introduced or more widely applied for quality control of pharmaceuticals in connection with the new edition of this pharmacopeia. It discusses control methods prescribed in recent foreign pharmacopeias and the last SSSR edition (IX), such as infrared methods, ultraviolet spectroscopy, polarography, fluorometry, pH-metry, thin-film chromatography, combustion under oxygen, and the use of standard preparations. Information on the use of these methods will be included in the new SSSR pharmacopeia. Soviet control laboratories will have to be provided with the necessary instruments, reagents, and standard preparations. Orig. art. has: None

Card 1/2

L 1796-66

ACCESSION NR: AP5017528

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut im. S. Ordzhonikidze, Moskva (All-Union Scientific Research Chemical Pharmaceutical Institute, Moscow) *2*

SUBMITTED: 27Apr65 ⁵⁶

ENCL: 00

SUB CODE: LS

NR REF SOV: 000

OTHER: 000

mlh
Card 2/2

DETINOL V.S.

Determination of halogens in organic compounds by the action of alkali metal in an inert solvent. A. K. Kochetova and V. S. Leytas (All-Union Organobromide Chemical-Pharmaceutical Scientific Research Inst., Moscow). *Zhur. Anal. Khim.* 3, 139-46 (1948). — Weigh a sample of 0.1-0.3 g. in a ground-glass-stoppered vessel and transfer (the vessel) into a 200-ml. flask contg. 2-3 g. of powd. Na or K in 50 ml. of anhyd. xylene. Quickly connect the flask with a ground-joint reflux condenser. The ground-glass joint should be coated with lanolin and the mouth of the flask free of Na particles. Place the flask on an elec. plate and heat for 2-3 hrs. to boiling. Cool, add through the condenser alc. in small (2-3 ml.) portions to dissolve any remaining metal, and rinse the condenser with 20-30 ml. of distd. H₂O. Neutralize (phenolphthalein) with dil. HNO₃ and transfer the contents of the flask to a separatory funnel. Decant the H₂O and wash the residue several times with H₂O. Det. halides in the aq. portion by the Volhard method. When the reaction mixt. is colored or contaminated with reaction products it is preferable to remove the xylene by steam distn. and det. the halogens in the residual aq. soln. When the analyzed compl. contains other radicals reacting with the alkali metal, the quantity of the latter should be increased accordingly. The above method was satisfactory for most of the halogen deriva. analyzed (fatty conpds. 30, aliphatic 3, and aromatic 24). Some conpds., e.g., dichloromethane, trichloroethylene, heptachlorotoluene, and 2,5-dichloronitrobenzene, did not split off their halogens in xylene. This was corrected by boiling the sample for 1-1.5 hrs. in ether alone and then adding xylene. The halogen could not be titrated accurately in conpds. contg. S, e.g., dichlorodiphenyl sulfone, since Ag₂S ppt. along with AgCl. In such a case, treat the combined ppt. in a filter with NH₄OH. Wash the residue until free of Cl ions.

Acidify the ammoniacal soln. with HNO₃, filter through a

7

filtered glass filter, and weigh gravimetrically. When 2 halogens are present, as in chlorobromomethane, neutralize the aq. soln. (after sepg. from xylene) with 20% H₂SO₄ soln. and make the vol. to 250 ml. Transfer 50 ml. with a pipet into a 200-ml. beaker, add 50 ml. of a 10% MgSO₄ soln. and 1-2 ml. of 20% H₂SO₄, and titrate potentiometrically with a 0.1 N AgNO₃ soln. To det. F and Cl, start as outlined above. In the alk. aq. soln. ppt. PbCl₂ with Pb(NO₃)₂, filter, dissolve in dil. HNO₃, and det. Cl by the Volhard method.

M. Hensch

DOZORTSEVA, P.M.; LETINA, V.S.; MASHKOVSKIY, M.D.; MIHR, Ye.A.;
RABINOVICH, F.Ye.; ROMANCHUK, M.A.

Magnesium trisilicate, its production and properties. Med.prom.
10 no.4:20-22 O-D '56. (MIRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze.
(MAGNESIUM SILICATES)

LETINA, Ye.P.

Method of increasing the height of ascent of radiosondes. Meteor.
i gidrol. no.8:48-50 Ag '56. (MLRA 9:11)
(Radiosondes)

MASHKOVSKIY, M.D., prof.; LETINA, V.S.; KASAYINA, G.A.

Conference on the standardization of drugs. Med.prom. 14 no.3:
61-62 № '60. (MIRA 13:6)

(DRUGS--STANDARDS)

Lye I III, Z I

USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19251

Author : Kaplan Ye., Lyetina Z. I., Petrov A. D.

Inst :

Title : Interaction 1,4- dilithiumdihydrodiphenyl with Haloid-alkyls.

Orig Pub: Zh. Obshch. Khimiyi, 1956, 26, No 5, 1243-1246

Abstract: At the reaction of 1,4-dilithium-1,4-dihydrodiphenyl (I) with the alkylhaloids is obtained monoalkyldihydrodiphenyls and dialkyldihydrodiphenyls in the proportion 2:1. The latter solidifies at lower temperatures, often to a glass-like form. 77g. of diphenyl(II), 400cc ether, 200 cc C₆H₆ and 7 g. Li are shaken for 60 hours, after which to the obtained I is added 120 g. n-C₆H₁₃Br. After fractional distillation are obtained 35 g. 4-hexyl-1,4-dihydrodiphenyl b.p. 199-200°/5 mm, solid. p. 7°(crystals),

Card : 1/3

USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19251

n²⁰_D 1.5484, d₄²⁰ 0.9435, and 15 g. 1,4-dihexyl-1,4-dihydrodiphenyl, b.p. 220-221°/5 mm, solid. p. -35°(glass), n²⁰_D 1.5248, d₄²⁰ 0.9241. In an analogical way from I (from 77g. II) and 130 g. 2-ethylhexylbromide are obtained 25 g. 4-(-ethylhexyl)-1,4-dihydrodiphenyl, b.p. 210-211°/5 mm, solid. p. -40° (glass), n²⁰_D 1.5460, d₄²⁰ 0.9425 and 15g. 1,4-di-(2-ethylhexyl)-1,4-dihydrodiphenyl, b.p. 269-270°/5 mm, solid. p. -19°(glass), n²⁰_D 1.5200, d₄²⁰ 0.9187. From I and 140 g. sec-C₈H₁₇Br is obtained 22g. 4-sec-octyl-1,4-dihydrodiphenyl, b.p. 206°/5 mm, solid. p. -38° (glass), n²⁰_D 1.5500, d₄²⁰ 0.9440 and 8g. of 1,4-di(sec-octyl)-1,4-dihydrodiphenyl, b.p. 258°/5 mm solid. p. 18° (glass), n²⁰_D 1.5297, d₄²⁰ 0.9285. From I and 105 g. n-C₉H₁₉Br is obtained 18g. 4-n-nonyl-1,4-dihydrodiphenyl, b.p. 223-224°/5 mm, m.p. 28°, and 10 g. 1,4-di-(n-nonyl)-1,4-dihydrodiphenyl, b.p. 287-288°/5 mm, solid.

Card : 2/3

LEIANA, Z. I

7

~~Reaction of 1,4-dithianedihydroxyphenyl with alkyl
halides. F. P. Kellie, G. ... and J. D. ...
J. Gen. Chem. U.S.S.R. 26, 1403-7 (1950) (English trans-
lation).—See C.A. 50, 14656f~~ 3

F.M.

Letina 2 J.

Organometallic synthesis of dithiopyran derivatives
Chem. Abstr.

1974
1017

AUTHORS: Petrov, A. D., Kaplan, Ye. P., 79-22-3-9/61
Letina, Z. I., Yegorov, Yu. P.

TITLE: Metallo-Organic Synthesis of Dibiphenylalkanes and
Diphenylalkanes III (Metallorganicheskiy sintez
dibifenilalkanov i difenilalkanov III)

PERIODICAL: Zhurnal Obshchey Khimii, 1959, Vol. 28, Nr 3, pp. 608-612
(USSR)

ABSTRACT: The authors described in earlier works (Refs 1, 2) an hydro-
carbon synthesis of the dibiphenylalkane- and alkyl-1,4-
dihydrophenyl series. In the present paper they give
further supplementary investigations with respect to the
synthesis of these series of hydrocarbons. The reaction of
4-bromomagnesiumdiphenyl with the ethyl ester of undecilen
and palmitic acid furnished alcohols which by dehydration
converted to olefines in order to convert subsequently above
nickel step-by-step to naphthene hydrocarbons by hydro-
genation. The heat of fusion as well as the viscosity at
various temperatures were determined for the synthesized
products. It was found that with an elongation of the

Card 1/3

Metallo-Organic Synthesis of Dibiphenylalkanes and
Diphenylalkanes III

79-28 3-9/61

alkyl radical to a certain limit the heat of fusion drops, irrespective of the increase of molecular weight, and then it suddenly rises (see formulae with heat of fusion). The viscosity of hydrocarbons decreases with the elongation of the alkylchain, the viscosity index changing little (fig.1). According to Schlenk and Bergmann (Ref 3) lithium is bound to diphenyl in the position 1,4. 1,4-dilithiodihydrophenyl forming in this process. On the action of $n\text{-C}_4\text{H}_9\text{Br}$ and $n\text{-C}_{10}\text{H}_{19}\text{Br}$ on the latter monoalkyldihydrodiphenyls and dialkyldihydrodiphenyls were obtained (see reaction process). In order to determine the position (1 or 4) of the alkylchain in the monoalkyldihydrodiphenyls a dehydration of $n\text{-C}_4\text{H}_9$ - and $n\text{-C}_6\text{H}_{13}$ -1,4-dihydrophenyls with sulfur was carried out. The synthesized 4-butyl- and 4-hexyldiphenyls were almost identical with respect to their heat of fusion to the hydrocarbons earlier obtained by another method. This bears out the fact that the alkyl chains in monoalkyldihydrodiphenyls are in position 4.

Card 2/3

Metallo-Organic Synthesis of Dibiphenylalkanes and
Diphenylalkanes III

79-28-3-9/61

The dibicyclohexyldecylmethane and dibicyclohexyl-pentadecylmethane were synthesized. The 4-Butyl-, 1,4-Dibutyl-, 4-Decyl- and 1,4 Didecyl-1,4-dihydrodiphenyl were obtained. The ultraviolet spectra of the alkyl-1,4-dihydrophenyls were determined and the authors showed that in the lithium-organic synthesis of these compounds mainly binding systems occur beside such of quinoid structure. There are 2 figures, 1 table, and 7 references, 2 of which are Soviet

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR
(Institute for Organic Chemistry, AS USSR)

SUBMITTED: January 16, 1957

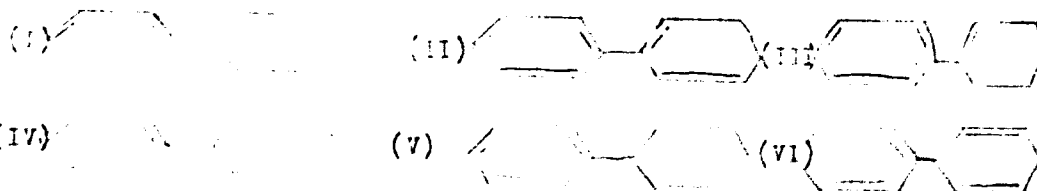
Card 3/3

AUTHORS: Yegorov, Yu. P.; Kaplan, Ye. P., SOV/79-28-12-21/41
Letina, Z. I.; Shlyapochnikov, V. A.,
Petrov, A. D.

TITLE: On the Order of Affiliation of Lithium to Diphenyl (O poryadke prisoyedineniya litiya k difenilu)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 12, pp 3258-3262 (USSR)

ABSTRACT: Continuing the papers of references 1 - 6 the authors intended to determine more in detail the points of affiliation of lithium to diphenyl. In connection herewith the ultraviolet and infrared absorption spectra of the following hydrocarbons synthesized by them were taken:



Card 1/3

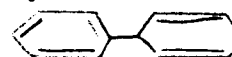
On the Order of Affiliation of Lithium to Diphenyl

SOV/79-28-12-21/41

The ultraviolet absorption spectra may be seen in figure 1; they show the abrupt deviation of the spectra (I), (II), (III) and (VI) from (IV) and (V). The spectra (IV) and (V) are the same and differ only slightly from the known ultraviolet spectra of monosubstituted benzenes. These data do not prove the quinoid structure of the second nucleus in (VI). Therefore, when taking into account the intensity (ξ) in the spectrum (VI) (12,000), its structure corresponds to the form

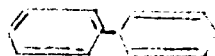


Generally speaking, it may be assumed that there is also a mixture of diphenyl with



or

(II) with , as well as  with



The infrared absorption spectra taken agree with the ultraviolet ones as concerns their results; they show that the synthesized hydrocarbons may be divided into two groups, i.e. into those (I, II, III, VI) having con-

Card 2/3

On the Order of Affiliation of Lithium to Diphenyl SOV/79-28-12-21/41

jugated bonds with the phenyl nucleus, and those (IV) and (V) not having such a bond (Fig 2). Starting from what was said it may be assumed that the affiliation of lithium to the diphenyl takes place in position 3,6, not in position 1,4, as reported by Schlenk and Bergmann (Schlenk, Bergman). There are 2 figures and 13 references, 3 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR (Institute of Organic Chemistry, Academy of Sciences, USSR)

SUBMITTED: November 25, 1955

Card 3/3

53300 2209

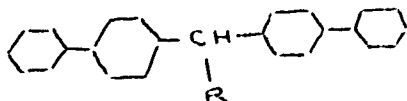
32571
S/595/60/000/000/013/014
E196/E485

AUTHORS: Petrov, A.D., Kaplan, Ye.P., Letina, I.Z.

TITLE: Organomagnesium and lithium syntheses of di-biphenylalkanes, diphenylalkanes and their hydrogenated derivatives

SOURCE: Vsesoyuznoye soveshchaniye po khimicheskoy pererabotke neftyanykh uglevodorodov v poluprodukty dlya sinteza volokon i plasticheskikh mass. Baku, 1957. Baku, Izd-vo AN Azerb. SSR, 1960, 295-302

TEXT: Reduction with Cu-Cr catalyst of alcohols obtained by reaction between p-diphenylbromide and aliphatic esters (acetic, butyric, caprylic, undecylenic, palmitic) leads to alkylaromatic hydrocarbons which on hydrogenation with Raney Ni give naphthenic derivatives of general formula



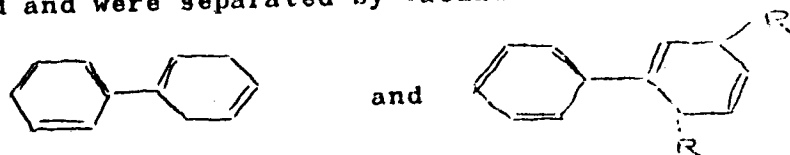
Those with $R = C_7H_{15}$ and $C_{10}H_{21}$ are colourless, mobile liquids at room temperature, the others ($R = CH_3, C_3H_7, C_{15}H_{31}$) are crystalline solids. Their viscosities (in centistokes) are

Card 173

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E196/E485

Organomagnesium and lithium ...

given for a temperature range 20 to 150°C. The viscosities decrease with increasing molecular weight. Chemical stability increases both in order of ascending molecular weight and with increasing length of side chains irrespectively of branching. Dialkyldiphenyls with two aliphatic chains attached to the same ring were prepared by treating dilithiumdihydrodiphenyl with an alkyl halide. Mono- and di-substituted derivatives were obtained and were separated by vacuum fractionation



The mono derivatives, $R = C_4H_9, C_6H_{13}, C_6H_{19}, C_{10}H_{21}$ crystallize at -1, 7, 20 and 35°C, the disubstituted ones solidify to glasses at -19, -25, -12 and 15°C respectively. Viscosities in the range 20 to 150°C are also given. The UV spectra of both the mono and di-substituted dihydrodiphenyls are identical but for the intensities of their characteristic bands. The UV and IR spectra provide conclusive evidence that diphenyl reacts with lithium at
Card 2/3

LETISHEVSKIY, I.M., kand.tekhn.nauk

Speeding up technical progress in the laundry industry. Gpr.khoz.
Mosk. 33 no.11:26-27 N '59. (MIRA 13:2)
(Moscow--Laundry machinery)

BELLWON, A.; LETKE, K., mgr

On transit rationally divided between the Polish seaports. Tech gosp
morska 10 no.11:337-340 N '60. (EBAI 10:3)

1. "Spedrapid," Odynia.
(Poland--Harbors) (Poland--Shipping)

LETKE, Kazimierz, mgr.

"Bills of lading" by Otto Kulos. Reviewed by Kazimierz Letke.
Techn gosp merska 12 no.2:55-56 '62.

1. "Spedrapid", Gdynia.

IETKEVICH, I.F.

The food of soil. Zemledelie 24 no.3:71-73 Mr '62. (MIRA 15:3)

1. Direktor sovkhoza "Maloye Mozheykovo", Zheludokskogo rayona,
Grodzenskoy oblasti.

(Fertilizers and manures)

WORLD, A. S., Inc.

Soybean Oil

Processing soybeans on 11-21 screw presses. Part. 2. 1953. 10, 11, 12.

Monthly List of Russian Accessions, Library of Congress
June 1953. WCL.

RASHKOVAN, B.A.; LETKINA, N.P.

Changes in the concentration of urea in the blood under the influence
of urea loads. Vop.med.khim. 6 no.2:121-127 Mr-Apr '60.

(MIRA 14:5)

1. Chair of General and Organic Chemistry, the Vitebsk Medical
Institute.

(UREA)

LETKINA, N.P., assistant

New method for the separate determination of ammonia and urea.
Zdrav. Belor. 6 no.3:49-51 Nr '60. (MIRA 13:5)

1. Iz kafedry obshchey i organicheskoy khimii (zaveduyushchiy
kafedroy - professor B.A. Rashkovan) Vitebskogo medinstituta.
(AMMONIA) (UREA)

LETKINA, N. P., CAND BIO SCI, "DEVELOPMENT OF MICROMETHODS
FOR SEPARATE DETERMINATION OF UREA AND AMMONIA ^{upon} ~~IN~~ THEIR JOINT
PRESENCE IN SOLUTIONS AND BIOLOGICAL ^{fluids} ~~fluids~~ AND APPLICATION
OF THE METHOD OF UREA ACCUMULATION^s FOR DETERMINING THE CHA-
RACTERISTICS AND FUNCTIONAL STATE OF THE KIDNEYS." RIGA, 1961.
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(KL-DV, 11-61, 215).

KONSTANTINOV, G.F., kand.med.nauk; LETKO, L.V. (Moskva)

Hospitalization during acute infectious diseases and their seasonal
incidence. Sov.zdrav. 20 no.1:99-104 '61. (MIRA 14:5)
(COMMUNICABLE DISEASES)

38170. LETKOV, L. A. and ROZHANETS, M. I.

Provintsial'nyye osobennosti chernozemov Yuzhnogo Zaural'ya.
Trudy Pochv. in-ta im. Dokuchayeva, t. XXX, 1949, s. 179-210, -
Bibliogr: s. 210

LETKOV, L.A.

BGGATYREV, K.P.; VADKOVSKAYA, O.A.; GERASIMOV, I.P.; GERASIMOV, Iv.P.;
YEROKHINA, A.A.; IVANOVA, Ye.N.; LETKOV, L.A.; LIVEROVSKIY, Yu.A.;
LOBOVA, Ye.V.; NOGINA, N.A.; ROZOV, N.N.; RUDNEVA, Ye.N.; TKACHENKO,
V.I.; UFIMTSEVA, K.A.; FRIDLAND, V.M.

Academician L.I. Prasllov; obituary. Izv. AN SSSR Ser. geog. no. 2:
73-78 Mr-Ap '54. (MLRA 7:5)
(Prasllov, Leonid Ivanovich, 1875-1954)

LETKOV, L. A.

Soils of the northern forest steppe in the Trans-Ural foot-hill plains and in the hills on the eastern slopes of the southern Urals. L. A. Letkov. *Trudy Pochvennoye Inst. im. V. V. Dokuchaevskogo* - *Trudy S.S.S.R.* 43, 129-98 (1954). - The area described extends between 55°20' and 57°00' N. Lat. and 60°00' to 61°00' E. Long. The soils encountered in this area, their mech. and chem. composition, and their agrochem. properties are described. M. H. 6.

23094

S/122/60/000/011/010/020
A161/A130158360

AUTHORS: D'yachkov, A.K., Professor, Doctor of Technical Sciences; Letkov, N.L.; Kokorev, A.A.; Belen'kaya, S.V., Candidate of Technical Sciences

TITLE: Bearing material for heavy starting friction

PERIODICAL: Vestnik mashinostroyeniya, no. 11, 1960, 50 - 53

TEXT: A new bearing material for heavy starting loads has been produced and tested. The material consists of "ftoroplast-4" plastic reinforced with tin bronze. Tin powder is sintered to a steel base and impregnated with "ftoroplast-4". The test machine of institut mashinovedeniya AN SSSR (Institute of Machine Science of the Academy of Sciences of the USSR) imitates the work of the thrust bearings of hydrogenerators and enables experiments to be carried out with pillow blocks of sufficient size to study the effect of thermal and pressure deformations. A thrust bearing with pillows coated with new lining withstood start and continuous work under loads up to 110 kg/cm² (the test machine permits no higher load). The friction coefficient at 14 to 76 kg/cm² load varied between 0.11 and 0.085. The actual advantage of the new bearing material becomes apparent at a

Card 1/2

Bearing material for heavy starting friction

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A161/A130

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higher starting load (from 55 kg/cm² up). This is due to the peculiar structure of the lining - it is not smooth on the surface and cannot be made smooth by machining, but the surface is resilient and high pressure evens it out. In comparative tests with a hydrostatic bearing (with oil feed on the pillows' work surface under a pressure of 90 kg/cm²) the new lining had no advantage in respect to the starting friction at specific pressures below 100 kg/cm², but at pressures higher than this the advantage was obvious. The achieved safe specific load was nearly double that of the load possible with B-83 (B-83) babbit bearings. There are 4 figures.

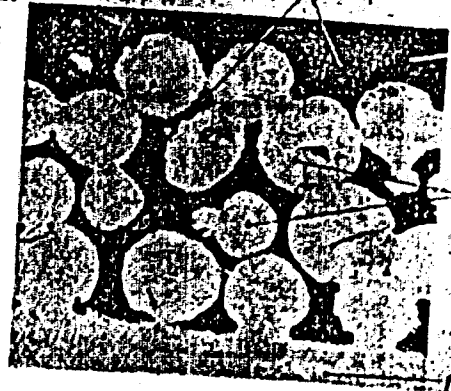


Figure 1: 1 - steel base; 2 - tin bronze powder; 3 - ftoroplast-4.

Card 2/2

D'YACHKOV, A.K., doktor tekhn.nauk, prof.; ZHIMONIRSKIY, V.K., doktor tekhn. nauk; KISLIK, V.A., doktor tekhn.nauk, prof.; KRASHICHENKO, L.V., doktor tekhn. nauk, prof.; KOVALEV, M.P., kand. tekhn. nauk; FARGIN, D.P., kand. tekhn. nauk; PLUTALOVA, L.A., kand. tekhn.nauk; LETKOV, N.L., inzh.; PASHCHENKO, M.P., inzh.; PETRUSEVICH, A.I., doktor tekhn. nauk, prof.; MARENKAYA, I.Ya., red. izd-va; UVAROV, A.F., tekhn. red.

[International conference on lubrication and wear of machinery; proceedings] Mezhdunarodnaia konferentsiia po smazke i iznosu mashin proceedings. Moskva, Mashgiz, 1962. 658 p. (MIRA 15:5)

1. Conference on Lubrication and Wear, London, 1957.
(Lubrication and lubricants--Congresses)
(Mechanical wear--Congresses)

IVANOV, M.A., inzh.; LETKOV, N.L., inzh.; PARGIN, D.P., kand. tekhn.
nauk [deceased]; OCHRIMENKO, V.V., inzh.

Heat control technique using a thermocouple. Vest. elektrom
34 no.6:57-58 Je '63. (MIRA 16:7)

(Hydraulic turbines) (Temperature--measurement)
(Thermocouples)

L 2998-66 EWT(m)/EPF(o)/EWP(j)/ETC(m) WW/DJ/RM

ACCESSION NR: AR5012170

UR/0282/65/000/003/0064/0064
678:621.882.5

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SOURCE: Ref. zh. Khimicheskoye i kholodil'noye mashinostroyeniye. Otdel'nyy
vypusk. Abs. 3.47.457

AUTHOR: Kokorev, A. A.; Letkov, N. L.

11, 44
19

TITLE: The technology of manufacture and application of bearings, operating with-
out lubricant

CITED SOURCE: Tr. N.-i. in-ta tekhnol. avtomob. prom-sti, 1984, vyp. 13, 38-41

TOPIC TAGS: antifriction bearing, resin, protective coating, organic lubricant

TRANSLATION: The use of a plastic or a metallic-plastic as an antifriction material
for a rubbing joint is discussed. Methods are described for impregnating porous
bodies with filler. Conditions are also given for using polyamide resins and poly-
fluoroethylene resins for service in rubbing joints both with an added lubricant
and without one. Requirements associated with antifriction materials are listed.
5 illustrations. N. Solov'yev.

SUB CODE: MT, IE

ENCL: 00

Card 1/1 *ml*

LETKOVA, V. YA.

Ukhod za bol'nym rebenkom v sem'e [Care of the sick child in the family].
Moskva, Medgiz, 1952. 35 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 3, June 1954.

LETKOVA, V.Ya.; RUBINSHTEYN, I.M., redaktor; BOBROVA, Ye.N., tekhnicheskij redaktor.

[Care of sick children at home] Ukhod za bol'nym rebenkom v sem'e. Izd. 2-e, dop. Moskva, Gos. izd-vo med. lit-ry, 1954.
50 p. (MIRA 7:11)
(Children--Care and hygiene) (Pediatric nursing)

LETKOVSKIY, A., kand.sel'skokhozyaystvennykh nauk

Sakhalin buckwheat in White Russia. Nauka ipered.op.v sol'khov.
9 no.1:65 Ja '59. (MIRA 13:5)
(White Russia--Buckwheat)

LETKOVSKIY, A., kand.sel'skokhozyaystvennykh nauk

It is possible to obtain fruit earlier and every year.

Nauka i pered.op.v sel'khoz. 9 no.9:44-45 S '59.

(MIRA 13:2)

(Fruit culture)

ЛЕКОВИЧ, А. И.

Forests and Forestry

Some peculiarities of the vegetation cover under an one and the same type of growth conditions. Les khoz. 5 No. 4 1952.

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LETKOVSKY, G.

Interdependence of growth and function of the myoblasts in vitro.
Bratisl. lek. listy 34 no.12:1377-1381 Dec 54.

1. Z Histologicko-embryol. ustavu PLFUK v Kosiciach.

(CELLS

myoblasts, growth & funct. in tissue culture in chicken
embryo)

(TISSUE CULTURE

chick embryo, growth & funct. of myoblasts)

(EMBRYO

chick, myoblasts in tissue culture, growth & funct.)

LETNEV, A.B.

"Co-operation as an essential premise for agricultural mechanization
in tropical regions of Africa."

Report submitted to the Conf. on the Application of Science and Technology
for the Benefit of the Less Developed Areas.
Geneva, Switzerland 4-20 February 1963

LETNEV, A. B.

"Sel'skaya obshchina v Mali do i posle zavoyevaniya nezavisimosti."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

FLEKSER, Ya.N.: LETNEV, B.Ya., redaktor; PAVLOVA, M.M.. tekhnicheskii redaktor.

[Operation of hydroelectric power plants] Eksploatatsiia gidro-silovykh ustanovok. Moskva, Gos. izd-vo sel'skokhoz. lit-ry, 1954.
324 p. [Microfilm] (MLRA 8:2)
(Hydroelectric power plants)

SEMIKHATOV, A.N., professor; ~~LEFNEV, B.YA.~~, redaktor; FEDOTOVA, A.F.,
tekhnicheskii redaktor.

[Hydrogeology] Gidrogeologiya. Moskva, Gos. izd-vo selkhoz. lit-ry.
1954. 327 p. [Microfilm] (MLBA 7:11)
(Water, Underground)

SEREDIN, P.I., LETNEV, B.Ya., inzhener, redaktor; POPOVA, S.M.,
tekhnicheskly redaktor.

[Double-action power hammers (hammers without anvil block)]
Moloty s dvustoronnim udarom (besshabotnye moloty) Moskva,
Gos. nauchno-tekhn. iss-vo mashinostroit. lit-ry, 1955. 95 p.
(Forging machinery) (MLRA 8:8)

LETNEV, B.Ya.

KARABIN, A.I.; AKIMENKO, A.D., kandidat tekhnicheskikh nauk, retsenzent;
LETNEV, B.Ya., inzhener, redaktor; MATVEYEVA, Ye.N., tekhnicheskii
redaktor.

[Power supply of steam and pneumatic hammers] Energetika parovodushnykh molotov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1955. 315 p. (MLRA 8:12)
(Hammers)

KALINNIKOV, Andrey Vsevolodovich, professor; LETNEV, B.Ya., redaktor;
PHEZNER, V.I., tekhnicheskij redaktor

[Boring] Burovoe delo. Izd. 2-oe, perer. Moskva, Gos. izd-vo
selkhoz. lit-ry, 1956. 366 p. (MLRA 9:8)
(Boring)

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GOI'MAN, Lev Davydovich, kand.tekhn.nauk; LETNEV, B.Ya., inzh., nauchny
red.; ZAV'YALOV, B.G., red.; GOROKHOV, Yu.M., tekhn.red.

[Present-day construction of hydraulic presses] Sovremennye
konstruktsii gidravlicheskih pressov. Moskva, Vses. uchebno-
pedagog. izd-vo Trudrezervizdat, 1957. 76 p. (MIRA 11:4)
(Hydraulic presses)

LITNEV, Boris Yakovlevich; DUBROVSKIY, V.A., red.; GUREVICH, M.M., tekhn.
red.

[How to read blueprints] Kak chitat' chertezhi. Moskva, Gos.izd-vo
sel'khoz.lit-ry, 1957. 183 p. (MIRA 11:7)
(Blueprints)

LETNEV, B.Ya.

CHERNYAEV, Adrian Nikolayevich; LETNEV, B.Ya., red.; SOKOLOVA, H.N., tekhn.red.

[Generation of electricity at central heating plants for agricultural
uses] Opyt teplofikatsii sel'skogo khoziaistva. Moskva, Gos.izd-vo
sel'khoz.lit-ry, 1957. 183 p. (MIRA 11:1)
(Electric power plants) (Heating from central stations)

KATEL'VA, Grigoriy Ivanovich; LETHEV, B.Ya., red.; GOR'KOVA, Z.D., tekhn.red.

[Farm structures] Sel'skokhoziaistvennye postroiki. Izd. 2-oe, perer.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 263 p. (MIRA 11:4)
(Farm buildings)

TOLCHENOV, Trofim Vasil'yevich.; LETNEV, B.Ya., red.; ZUBRILINA, Z.P., tekhn. red.

[Setting standards for repair operations; manual for the training
of time-study engineers for agricultural equipment repair shops]
Tekhnicheskoe normirovanie remontnykh rabot; posobie dlia podgotovki
normirovshchikov sel'skokhoziaistvennykh remontnykh predpriatii.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 311 p. (MIRA 11:12)
(Agricultural machinery--Repairing)
(Time study)

LETNEV, B. Ya.

SINYAGOVSKIY, Ivan Stepanovich; LETNEV, B. Ya., red.; FEDOTOVA, A. F., tekhn.
rod.

[Strength of materials] Soprotivlenie materialov. Moskva, Gos.
izd-vo sel'khoz. lit-ry, 1958. 431 p. (MIRA 11:7)
(Strength of materials)

LETNEY D. JR.

SPYBROOK, Dvudolav Stanislavovich; ANKOV, K.L., red.; ANTONOVIT, 6
 S.V., red.; BUDYAKOVA, A.V., red.; GLAZOV, V.S., red.; GORCHEN,
 P.S., red.; KUPCHENKO, A.P., red.; LILIN, A.V., red.; KISHIN,
 I.I., red.; KOLAROV, A.S., red.; KORNILOV, K.S., red.; KOTIKOV,
 K.A., red.; KUDRYAVTSEV, A.I., red.; KUTYASIN, K.S., red.; LITVINOV,
 red.; LITVINOV, P.S., red.; MALININ, H.S., totka, red.; MERTZ,
 S.P., totka, red.

[Utilization of tractors and machinery] Ruzhkovskaya mashina-
 stroitelnyy park. 2nd. 3., pover. Bolsho, Gos. izd-vo sel'skhoz.
 lit-ry, 1958. 600 p. (MIRA litche)
 (Agricultural machinery)

TURBIN, Boris Ivanovich, prof.; LETNEV, B.Ya., red.; FEDOTOVA, A.F.,
tekhn.red.

[Analytic mechanics] Teoreticheskaya mekhanika. Moskva, Gos.
izd-vo sel'khoz.lit-ry, 1959. 374 p. (MIRA 13:1)
(Mechanics, Analytic)

IRISOV, Aleksandr Sergeyevich; ITINSKAYA, Nadezhda Ivanovna; LETNEV,
B.Ya., red.; KRZHIZHANOVSKAYA, G.V., red.; ZUBRILINA, Z.P.,
tekhn.red.

[Fuel and lubricants] Toplivo i smazochnye materialy. Moskva,
Gos.izd-vo sel'khoz.lit-ry, 1959. 469 p. (MIRA 13:6)
(Fuel) (Lubrication and lubricants)

LETNEV, Boris Yakovlevich; BARANOVSKIY, M.A., nauchnyy red.; MARTENS,
S.L., red.; TOKER, A.M., tekhn.red.

[Mechanical drawing for rural machinery operators] *Cherchenie*
dlia sel'skikh mekhanizatorov. Moskva, Vses.uchebno-pedagog.
izd-vo Proftekhizdat, 1960. 290 p. (MIRA 13:11)
(Mechanical drawing)

KARPENKO, Aleksandr Nikolayevich, akademik; POLEVITSKIY, Konstantin
Aleksandrovich, prof.; LEFNEV, B.Ya., red.; PROKOF'YEVA, L.N.,
tekhn.red.

[Agricultural machinery and tools] Sel'skokhoziaistvennye mashiny
i orudiya. Izd.4., perer. i dop. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1960. 469 p. (MIRA 14:1)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.
Lenina (for Karpenko).
(Agricultural machinery)

ZNAMENSKIY, Il'ya Ivanovich, prof. [deceased]; LETNEV, B.Ya., red.:
GURNEVICH, M.M., tekhn.red.

[Organization and mechanization of work in hydraulic engineering
for land improvement purposes] Organizatsiia i mekhanizatsiia
gidromeliorativnykh rabot. Izd.2., perer. i dop. Moskva, Gos.
izd-vo sel'khoz.lit-ry, 1960. 639 p. (MIRA 13:11)
(Hydraulic engineering)

OZERSKIY, A.S., kand. tekhn. nauk; ISAYEV, Ye.G., kand. tekhn. nauk;
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