

SOKOLOV, Nikolay Makarovich; LEPLINSKIY, M.P., red.; BORUNOV, N.I..  
tekhn.red.

[Universal ring-out apparatus] Universal'nyi prozvonochnyi  
apparat. Moskva, Gos.energ.isd-vo, 1960. 11 p. (Biblioteka  
elektromontera, no.16). (MIRA 13:11)

(Electric testing)

(Electronic apparatus and appliances)

KHARITONOV, Mikhail Gavrilovich; LEPLINSKIY, M.P., red.; BORUNOV, N.I.,  
tekh.n.red.

[Maintenance and repair of complex distributing devices  
manufactured by the Zaporozh'ye plant] Opyt obsluzhivaniia  
i remonta KHU Zaporozhskogo zavoda. Moskva, Gos.energ.izd-vo,  
1960. 46 p. (Biblioteka elektromontera, no.17).

(Zaporozh'ye--Electric switchgear)

(MIRA 13:9)

GRINBERG, Georgiy Samoylovich; SMIRNOV, Vadim Nikolayevich; LEPLINSKIY,  
M.P., red.; BORUNOV, N.I., tekhn.red.

[Block units of electrical systems] Komplektnye ustroystva  
elektrotekhnicheskikh ustanovok. Moskva, Gos.energ.izd-vo, 1960.  
135 p. (MIRA 13:12)

(Electric apparatus and appliances)

KUZNETSOV, P.V.; GUREYEV, I.A.; SHIRNOV, A.D., inzh., red.; SOLOV'YEV,  
P.F., inzh., red.; LEPLINSKIY, M.P., red.; BORUNOV, N.I.,  
tekh. red.

[Installation of electric power distribution systems] Montazh  
raspredelitel'nykh ustroystv. Izd.2., perer. i dop. Moskva,  
Gos. energ. izd-vo, 1961. (Spravochnik elektromontera, no.3)  
(MIRA 15:2)

(Electric power distribution--Handbooks, manuals, etc.)

LEPLINSKIY, Yu.V., kand.filosof.nauk (Moskva)

Against antiscientific fiction. Priroda 50 no.8:118-119 Ag '61.  
(MIRA 14:7)

(Fantastic fiction)

VERTEPOVA, V.M.; SINYUSHINA, M.N.; LEPLYA, Ye.S.

Synthomycin in nonspecific inflammatory processes of the urinary tract.  
Urologia 21 no.1:35-41 Ja-Mr '56. (MLRA 9:12)

1. Iz kafedry urologii (zav. - prof. I.M.Epshteyn) i kafedry mikro-  
biologii (zav. - prof. M.N.Lebedeva) I Moskovskogo ordena Lenina  
meditsinskogo instituta.

(URINARY TRACT, infect.

ther., chloramphenicol)

(CHLORAMPHENICOL, ther. use  
infect. of urinary tract)

LOBOTSKIY, N.I., assistant; LEFLYA, Ye.S., dotsent

Sensitivity of microflora to antibiotics in appendicitis. Zdrav.  
Bel. 9 no.7:32 J1'63 (MIRA 17:4)

1. Iz kafedry obshchey khirurgii ( zav. - dotsent A. Ya. Mitroshenko) i kafedry mikrobiologii ( zav. - dotsent Ye.S. Leplya) Vitebskogo meditsinskogo instituta ( rektor- prof. G.A. Medvedeva).

MUKHAMEDOVA, L.A.; KUDRYAVTSEVA, M.I.; BAYBUROVA, M.Kh.; MALYSHKO, T.M.;  
LEPLYANIN, G.V.

Some derivatives of 4,5-epoxyhexahydrophthalates. Neftekhimia  
2 no.3:372-377 My-Je '62. (MIRA 15:8)

1. Institut organicheskoy khimii AN SSSR, Kazan'.  
(Epoxy compounds) (Phthalic acid)



MUKHAMEDOVA, L.A.; LEPLYANTIN, G.V.; KUDRYAVTSEVA, M.I.

Synthesis of certain derivatives of the ester oxides of  
3-cyclohexene carboxylic acid. Neftokhimiya 4 no.1:100-105  
Ja-F'64 (MIRA 17:6)

1. Institut organicheskoy khimii AN SSSR, Kazan'.

LEPNEV, D.A.

Wetting millet seeds before sowing and covering tillering nodes.  
Zemledelie 23 no.5:38-41 My '61. (MIRA 14:4)

1. Kurskiy sel'skokhozyaystvennyy institut.  
(Millet)

LEWIS, J.A.

Nitrogen compound systems in dark gray forest soils. Doklady  
no.11:60-65 N '64 (MIRA 18:1)

1. Kurskiy sel'skokhozyaystvennyy institut.

LEPNEV, G.P.

Production of indium-113 without a carrier from tin irradiated with neutrons by using metalloorganic cocatalysts. V. D. Melnikov, G. P. Lepnev, E. N. Shokova, and M. A. Zhuravskaya (A. A. Zhdanov State Univ., Leningrad).

Zhur. Fiz. Khim. 31, 334-31(1957).—The production of a long-lived nuclear isomer  $In^{113m}$  was based on the production of  $Sn^{113}$ , its conversion to  $Sn^{113}Ph_3$  and  $Sn^{113}Ph_2Cl$ . The  $In^{113m}$  was obtained by shaking an ether soln. of  $Sn^{113}Ph_2Cl$  with 0.1N HCl, the sepn. of the water layer, its purification from the triphenyl chloride by extg. 3 times with pure ether, the elimination of ether by boiling, and the  $In_2S_3$  by pptc. with  $H_2S$ . The analysis indicated 105.7%  $In^{113m}$  yield, which proved a quant. sepn. if the exptl. errors were considered. W. M. Sternberg

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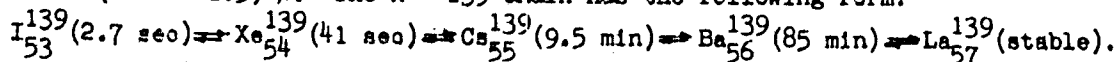
A051/A129

AUTHORS: Krisyuk, I. T.; Lepnev, G. P.; Platunova, N. B.

TITLE: Determination of individual yields of Cs<sup>139</sup> and Ba<sup>139</sup> from the separation of U<sup>238</sup>, using 14 Mev-energy neutrons.

PERIODICAL: Radiokhimiya, v. 2, no. 6, 1960, 743 - 745

TEXT: The authors have developed a method for determining the individual yields of certain fragments by removing the active gases during the irradiation process. The method was checked on a chain with a mass number of 139. The following values of the individual yields were obtained: Ba<sup>139</sup> (5.6±1.3) %; Cs<sup>139</sup> (28.6 ± 1.5) %. The A = 139 chain has the following form:



Xenon was removed from the uranium solution during the irradiation and Ba and Cs were rapidly separated at the end of the process. The aqueous solution of uranylchloride (3 - 6 g to 5 ml) was irradiated for 1 min with 14 Mev energy neutrons and then placed in the instrument shown in Figure 1. All the formed gaseous se-

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Determination of individual yields .....

Separation products were removed during the irradiation by blowing argon through the solution. The completeness of  $Xe^{139}$  removal from the solution was checked by determining the yield of  $I^{139} + Xe^{139}$  at various rates of the gas. The author found that foam-formation is absent if there is a layer of a pure organic liquid on the top of the aqueous uranylchloride solution which would not dissolve the uranium. n-butyl alcohol was used enabling the blowing rate of argon to be raised to 2.2 l/min. The separation of  $Ba^{139}$  from  $Cs^{139}$  was completed within 1.5 - 2 min after the termination of the irradiation. After 90 min elapsed from the end of the irradiation (time sufficient for complete conversion of  $Cs^{139}$  to  $Ba^{139}$ ), a radiochemical purification of three  $Ba^{139}$  samples was performed: 1) on  $Ba^{139}$  formed directly in the separation together with  $Ba^{139}$  formed from  $Cs^{139}$  prior to their separation, 2)  $Ba^{139}$  formed from  $Cs^{139}$  after the separation of  $Ba^{139}$ , 3)  $Ba^{139}$  formed from  $I^{139} + Xe^{139}$ . The purification lasted 30 - 60 min and the degree of purification of all the samples was checked from half-life. The saturation activity for  $Ba^{139}$ ,  $Cs^{139}$  and  $(Xe^{139} + I^{139})$  was calculated from the figures of the three samples. The calculations were performed by formulae obtained from the usual formulae for successive radioactive transformations, taking the irradiation time into account. The sum of all the activities of saturation was taken as the

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Determination of individual yields ....

yield of the chain with  $A = 139$ . The relation of the saturation activity for  $Cs^{139}$  or  $Ba^{139}$  to this sum gives the individual yields of  $Cs^{139}$  and  $Ba^{139}$ . If the most probable charges for the given chain ( $Z_p$ ) is computed by the Pappas (Ref. 3: International Conference on the Peaceful Uses of Atomic Energy, Geneva, 7, p. 19. United Nations, N.Y., 1956) method for thermal separation then both values of the individual yields fall on a curve, similar to the curve of charge distribution in thermal separation and shifted relative to it by approximately 0.5 charge units toward the side of large  $Z$ . There are 2 figures, and 5 non-Soviet-bloc references. The references to the four most recent English language publications read as follows: N. Sugarman. Radiochemical Studies, Fission Products Nat. Nucl. Energy, Series, Div. IV, 9, paper 170, p. 1139, N.Y. 1951; A. C. Pappas. International Conference on the Peaceful Uses of Atomic Energy, Geneva 7, p. 19. United Nations, N.Y., 1956; A. C. Wahl, Phys. Rev., 99, 3, 730, 1955; S. Raynor. Radiochemical Studies, Fission Products, Nat. Nucl. Energy Series, Div. IV, 9 paper 170, p. 1775, N. Y. (1951).

SUBMITTED: February 4, 1960.

Card 3/4

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S/120/62/000/005/029/036  
E032/E314

11800

AUTHORS: Baranov, A.I., Blinov, V.A., Lepnav, G.P. and Selitskiy, Yu.A.

TITLE: Vacuum evaporation of materials onto thin organic films

PERIODICAL: Pribory i tekhnika eksperimenta, no. 5, 1962, 173 - 174

TEXT: A method is described for the removal of heat from thin organic films so that materials with high melting points can be deposited by vacuum evaporation onto the films. The authors have used collodion films, 10 - 30  $\mu\text{g}/\text{cm}^2$  thick, attached to light dural rings with the aid of shellac. A ring carrying the film was placed on the polished end of a solid brass cylinder and the whole assembly was inserted into a vacuum system. After the pressure was reduced to 0.1 mm Hg, the film was charged by placing an electrode at about 1500 V near it, so that a very low discharge was produced. The results was that the film came into very close contact with the supporting brass cylinder. The molecular cohesive force between the film and the brass surface

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LEPNEV, V.I., Cand Tech Sci -- (diss) "Interconnection  
~~graph of low~~ <sup>graph of low</sup> ~~of the~~ ~~of trains~~ and electric  
supply ~~devices~~ <sup>devices</sup> in electric traction." Mos, 1958, 18 pp  
with graphs (Min of Railways. Mos transportation ~~economic~~ <sup>economic</sup>  
Inst) (RL, 28-58, 106)

VASIL'YEV, Gavriil Stepanovich; LEPNEV, Mikhail Ivanovich; TIKHONOV,  
Konstantin Kuz'mich; AL'TERMAN, S.L., red.; BOBROVA, Ye.N.,  
tekhn.red.

[Traffic organization on railroads during the process of  
electrification] Organizatsiia dvizheniia poezdov na elektri-  
fitsiruemykh liniakh. Moskva, Gos.transp.zhel-dor.izd-vo,  
1959. 123 p. (MIRA 13:1)  
(Railroads--Electrification) (Railroads--Traffic)

KIR'YANOVA, O.S., kand. tekhn. nauk; LEPNEV, M.I., kand. tekhn. nauk.

How to improve graphic train sheets. Zhel. dor. transp. <sup>41</sup>  
no.1:25-30 Ja '59. (MIRA 12:1)

(Railroads--Traffic)

VASIL'YEV, G.S., kand.tekhn.nauk; LEPNEV, M.I., kand.tekhn.nauk;  
TIKHONOV, K.K., kand.tekhn.nauk

Traffic organization during the electrification of railroad  
lines. Zhel.dor.transp. 41 no.8:47-51 Ag '59.  
(MIRA 12:12)

(Railroads--Electrification)

KIR'YANOVA, Ol'ga Semenovna; kand.tekhn.nauk; LEPNEY, Mikhail Ivanovich,  
kand.tekhn.nauk; MIL'DVARY, M.D., inzh.. red.; BOBROVA, Ye.N..  
tekhn.red.

[Improving train sheets] Sovershenstvovanie grafika dvizhenia  
poezdov. Moskva, Vses.isdatel'sko-poligr.ob"edinenie M-va putei  
soobshchenia, 1960. 118 p. (MIRA 13:5)  
(Railroads--Traffic)

LEPNEV, P.G., kandidat meditsinskikh nauk; LOPOTKO, I.A., professor, direktor;  
VOYACHEK, V.I., professor, deystvitel'nyy chlen Akademii meditsinskikh nauk  
SSSR nauchnyy rukovoditel'.

When to perform a tonsillectomy after peritonallitis. Vest.oto-rin. 15 no.4:  
59-64 J1-Ag '53. (MLA 6:9)

1. Leningradskiy nauchno-issledovatel'skiy institut bolezney ukha, gorla,  
nosa i rechi. (Tonsils--Surgery)

LEPNEV, Panteleymon Grigor'eyvich; PISAREVSKIY, A.A., redaktor; HULVA,  
M.S., tekhnicheskii redaktor

[Clinical aspects of foreign bodies in the larynx, trachea and  
bronchi] Klinika inorodnykh tel gortani, trakhei i bronkhov.  
[Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956.  
209 p. (MLRA 10:3)

(RESPIRATORY ORGANS—FOREIGN BODIES)

*L. PNEV, P.G.*

LEPNEV, P.G., doktor med.nauk (Leningrad)

Classification and nomenclature in otorhinolaryngology. Vest.oto-  
rin. 19 no.3:104-107 My-Je '57. (MIRA 10:10)  
(OTORHINOLARYNGOLOGY  
classif. & nomenclature)  
(NOMENCLATURE  
in otorhinolaryngol.)



SOV/129-59-1-4/17

**AUTHORS:** Gulyayev, A.P., Doctor of Technical Sciences, Professor,  
Lepnev, S.V., Engineer and Potak, Ya.M., Candidate of  
Technical Sciences

**TITLE:** High-strength Austenitic Steels (Austenitnyye stali  
vysokoy prochnosti)

**PERIODICAL:** Metallovedeniye i Termicheskaya Obrabotka Metallov,  
1959, No. 1, pp 10 - 15 (USSR)

**ABSTRACT:** Investigation of the stainless steels EI904 and EI925  
has shown that if the martensitic point is at room  
temperature, even if the carbon content is 0.05 - 0.10%,  
it is possible to arrive at a high strength (90 - 130 kg/mm<sup>2</sup>)  
combined with a high ductility and impact strength. The  
authors of this paper have attempted to verify on a  
series of high-nickel content steels the earlier expressed  
assumption that optimum mechanical properties are achieved  
if the test temperature corresponds with the temperature  
of the martensitic point (Author's Certificate dated  
March 25, 1957, No 110052). The experiments were carried  
out on two series of heats, one with a carbon content of  
0.26% and nickel contents of 20.9, 23, 23.3, 24.3, 25.6  
and 28%, the other with a carbon content of 0.41% and  
nickel contents of 16.8, 18.4, 20.9, 21, 22.8 and 23.6%.

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High-strength Austenitic Steels

SOV/129-59-1.4/17

The contents of the usually present admixtures were 0.57 - 0.59% Mn, 0.30% Si, 0.019 - 0.020% S and 0.015 - 0.08% P. (The experimental part of this work was carried out with the participation of Ye.V. Yegorov). The specimens for tensile and impact tests were produced from forged rods which were hardened from 1100 °C and cooled in air and, following that, were tested at room temperature. The mechanical properties of the experimental alloys as a function of the nickel content are graphed in Figure 2. The authors summarise their conclusions as follows: 1) steels of the transient class possess a particular combination of mechanical properties which are not encountered in steels of other types. These steels can have low yield points (20 - 40 kg/mm<sup>2</sup>) combined with high ultimate strength values (100 - 200 kg/mm<sup>2</sup>). The mechanical properties of these steels depend predominantly on the ability of austenite to change into martensite during deformation and also on the resistance to fracture of the martensite which forms during the tests. If hardening martensite is present in the initial structure, its strength also determines the mechanical properties of the steel; 2) tensile tests of nickel steels of the

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SOV/129-59-1-4/17

. High-strength Austenite Steels

transient class<sup>which</sup> contain 0.26% C with an initially pure austenitic structure, revealed that such steels have a high plastic deformation (elongation up to 60%); the fracture takes place without necking, whereby the value of the relative elongation is larger than that of the relative transverse contraction. It was confirmed that for steels with unstable austenite, it is possible to obtain a combination of strength and ductility which apparently cannot be achieved for steels of other types of structure. There are 2 figures, 1 table and 4 references, 2 of which are Soviet, 1 American and 1 German.

Card 3/3

LEPNEVA, S.G.

"History of the study of the nature of the Gornyy Altai" by  
M.F.Rozen. Reviewed by S.G.Lepneva. Izv. Vses. geog. ob-va  
95 no.4:389 J1-Ag '63. (MIRA 16:9)  
(Altai Mountains--Geography) (Rozen, M.F.)

OSU-A 368

LEPNEVA, S. G.  
Termika, Tsvet i Khimizm Vody Teletskogo Oзера: Thermal,  
Color and Chemical Properties of the Water of Lake  
Teletskoye.  
Issledovaniya Ozer SSSR., No. 9, 1937, pp. 3-106  
Library of Congress, GB1707-A114  
Russian text, abstract in English.  
One of the series of monographs devoted to the study of  
Lake Teletskoye in the Altay Mountains. General title:  
Raboty Teletskoy Ekspeditsii.

LEPNEVA, S. G.

PA 52168

USSR/Medicine - Flies  
Medicine - Taxonomy

Mar 1945

"Two Remarkable Larvae of Rhyacophila (Trichoptera)  
From the Streams of Middle Asia," S. G. Lepneva,  
Inst Zool, Acad Sci USSR, Leningrad, 10 pp

"Entomologicheskoye Obozreniye" Vol XXVIII, No 3/4

Taxonomic description of Rhyacophila gigantea Mart.  
and Rhyacophila sp. "larva hoplura."

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LEPNEVA, S. G.

Lepneva, S. G. - "Larvae *Stenopsyche griseicennis* Mc. L." In symposium: Pamyati Akad. S. A. Zernova, Moscow-Leningrad, 1948, p. 229-36 - Bibliog: 6 items

SO: U-3600, 10 July 53, (Letopis 'Zhurnal'nykh Statey, No. 6, 1949).

LEPNEVA, S. G.

Lepneva, S. G. "Caddis worms of the Yenisey Basin," Izvestiya Biol.-geogr. nauch.-  
issled. in-ta pri Irkut. gos. un-~~to~~ im. Zhianova, Vol. X, Issue 2, 1948, p. 60-99,-  
Bibliog: 17 items.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949)'



LAPNEVA, S.G.

Benthonic fauna of Teletskoye Lake. Trudy Zool.inst. 7 no.4:7-118 '49.  
(MLRA 7:5)  
(Teletskoye Lake--Fresh-water fauna) (Fresh-water fauna--Teletskoye  
Lake)

LEPNEVA, S.G.

Caddis-fly larvae in the region of Teletskoye Lake. Trudy Zool.inst.  
7 no.4:159-192 '49. (MLRA 7:5)  
(Teletskoye Lake--Caddis flies) (Caddis flies--Teletskoye Lake)  
(Larvae)

PAVLOVSKIY, Ye.N., akademik, redaktor; VINOGRADOV, B.S., redaktor;  
ARMOL'DI, L.V.; BRY-BIYENKO, G.Ya.; BORKHSENIUS, N.S.; VINOGRADOV, B.S.;  
GUTSEVICH, A.V.; KIRICHENKO, A.N.; KIR'YANOVA, Ye.S.; KOZHANCHIKOV, I.V.;  
~~LEFNEVA, S.G.~~; LIKHAREV, I.M.; MAL'VICH, I.I.; NOVIKOV, G.A.; POPOV, V.V.;  
POPOVA, A.N.; SOCHAVA, V.B.; STARK, V.N.; TEREENT'YEV, P.V.; KHARITONOV,  
D.Ye.; CHERNOV, V.B.; SHAPOSHNIKOV, G.Kh.; SHTAKEL'BERG, A.A.; YUDIN, K.A.

[Animal life of the U.S.S.R.] Zhivotnyi mir SSSR. Vol.4 [Forest zone]  
Lesnaya zona. Moskva, Izd-vo Akademii nauk SSSR, 1953. 737 p. (MLBA 7:3)  
(Forest fauna) (Zoology)

LEPNEVA, S.G.; LEVANIDOVA, I.M.

Larvae of *Stenopsyche bergeri* Mart. (Trichoptera, Stenopsychidae)  
from the streams of the Amur Basin. Trudy Zool.inst. 13:326-336 '53.  
(MLRA 7:5)

(Amur Valley--Caddis flies) (Caddis flies--Amur Valley)  
(Larvae)

LEPNEVA, S.G.

Morphological relationships of the subfamilies Psychomyiinae, Ecnominae, and polycentropinae (Trichoptera, Annulipalpia) in the pre-imaginal stages. Ent.oboz.35 no.1:8-27 '56.(MLRA 9:10)

1. Zoologicheskiy institut Akademii nauk SSSR, Leningrad.  
(Caddis flies)

**LEPNEVA, S.G.**

New larva of caddis fly (Trichoptera, Rhyzophilidae) from the mountains of Transcaucasia [with summary in German]. Ent.oboz. 35 no.4:899-911 '56. (MLRA 10:2)

1. Zoologicheskii institut Akademii nauk SSSR, Leningrad.  
(Trialet Range--Caddis flies)

AKRAMOVSKIY, N.U., ARNOL'DI, L.V., BEI-BIYENKO, G.Ye., BORKHSENIUS, N.S.,  
VERESHCHAGIN, N.K., DAL', S.K., D'YAKONOV, A.M., KIRICHENKO, A.N.,  
KIR'YANOVA, Ye.S., KOZHANCHIKOV, I.V., KRIZHANOVSKIY, O.L.,  
LEPHEVA, S.G., LIKHAREV, I.M., LOGINOVA, M.M., NIKOL'SKAYA, M.U.,  
NOVIKOV, G.A., POPOV, V.V., PORTENKO, L.A., RYABOV, M.A., TER-MINASYAN,  
M.E., CHERNOV, S.A., SHTAKEL'BERG, A.A.; PAVLOVSKIY, Ye.N., akad.,  
glavnyy red., VINOGRADOV, B.S., [deceased], red.; KOZLOVA, G.I., red.  
izd-va.; PEVZNER, R.S., tekhn. red.

[Animals of the U.S.S.R.] Zhivotnyi mir SSSR. Moskva. Vol. 5. [Mountain  
provinces of European Russia] Gornye oblasti evropeiskoi chasti  
SSSR. 1958. 655 p. (MIRA 11:11)

1. Akademiya nauk SSSR. Zoologicheskiy institut.  
(Zoology)

LEPNEVA, S.G.

Material on the genus *Himalopsyche* Banks in the U.S.S.R. (Trichoptera  
Rayacophilidae). Dokl. AN Tadzh. SSR 1 no.2:37-43 '58.

(MIRA 12:1)

1. Zoologicheskiy institut AN SSSR.  
(Caddis flies)



LEPNEVA, S.O.

Second genus and species of the family Odontoceridae in the  
U.S.S.R. (Trichoptera, Integripalpia) [with summary in German].  
Ent. oboz. 37 no.4:914-919 '58. (MIRA 11:12)

1. Zoologicheskii institut AN SSSR, Leningrad.  
(Vladivostok--Caddis flies)

LEPNEVA, S.G.

Caddis fly *Rhyacophila subovata* Mart. (Trichoptera, Rhyacophilidae)  
in the Caucasus. Ent. oboz. 38 no.3:655-661 '59.  
(MIRA 13:1)

1. Zoologicheskii institut Akademii nauk SSSR, Leningrad.  
(Caucasus--Caddis flies)

LEPNEVA, S.G.

Studies on potamobionts of the Amur River; pupae of Macrone-  
matinae (Trichoptera, Hydropsychidae). Trudy Gidrobiol.  
ob-va 10:175-181 '60. (MIRA 13:9)

1. Zoologicheskii institut AN SSSR.  
(Amur Valley--Caddis flies)

LEPNEVA, S.G.

Caddis flies *Rhyacophila forcipukata* Mart. and *Rhyacophila*  
*bacuriana* Lepn. (Trichoptera, Annulipalpia) in the Caucasus.  
Ent.oboz. 40 no.3:652-658 '61. (MIRA 15:3)

1. Zoologicheskii institut AN SSSR, Leningrad.  
(Caucasus--Caddis flies)

LEPNEVA, S.G.

Gadde flies of the Oka River according to comparative data of  
1921-1924 and 1959. Trudy Zool. inst. 32:177-188 '64. (MIRA 17 11)

LEPNEVA, G.G.

Caddis flies of the tribe *Psiloptera* Mart. (Trichoptera, *Psiloptidae*);  
the larval stage. Ent. obozr. 43 no. 3: 679-676 1964.

(SFB 1700)

GANSHIN, Georgiy Aleksandrovich; LMPNIKOVA, Ye., redaktor; MUKHIN, Yu.,  
tekhnicheskii redaktor

[Chinese People's Republic on the road to socialist industrializa-  
tion] Kitaiskaia Narodnaia Respublika na puti sotsialisticheskoi  
industrializatsii. Moskva, Gos.izd-vo polit.lit-ry, 1955. 190 p.  
(China--Industrialisation) (MLRA 9:3)

GALENKO, P.V.; LEPNIKOVA, Ye., redaktor; TROYANOVSKAYA, N., tekhnicheskii redaktor.

[Building socialist economy in the Polish People's Republic]  
Stroitel'stvo sotsialisticheskoi ekonomiki v Pol'skoi Narodnoi Respublike. Moskva, Gos. izd-vo polit. lit-ry, 1955. 244 p.  
(Poland--Economic conditions) (MLRA 9:5)



LEPNIKOVA, Ye.

ZOLOTAREV, V.I.; AVSENEV, Yu.M.; KAPRANOV, I.A.; KISVIANTSSEV, L.A.; PEKSEEV, Yu.A.; SHVEPISOV, N.I.; TELEGIN, Ya.I.; POTAPOV, V.I.; KISVIANTSSEV, L.A.; ZYKOV, A.A.; NEPEUSOV, A.A.; SENIN, V.P.; MAKSIMOVA, A.P.; NIKOLAYENKO, Zh.I.; VOLKOV, N.V.; KALASHNIKOV, A.A.; PLAKSIN, S.V.; POPOV, N.N.; KARSHINOV, L.N.; YAKIMOVA, T.A.; BASHKANIKHIN, I.K.; KETKOVICH, A.Ya.; SHALASHOV, V.P.; VOJONKOV, F.N.; VEKSHIN, G.K.; CHISTYAKOV, M.A.; IVANOV, N.I., red.; SLADKOVSKIY, M.I., red.; LEPNIKOVA, Ye., red.; MOSKVINA, R., tekhn.red.

[Development of the economy of the people's democracies; a survey for 1957] Razvitie ekonomiki stran narodnoi demokratii; obzor za 1957 g. Pod red.N.I.Ivanova i dr. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1958. 610 p. (MIRA 12:2)

1. Moscow. Nauchno-issledovat. kon'yunkturayy institut. (People's democracies) (Economic conditions)

BUY-KONG-CHYNG, ekonomist; ZELJENTSOV, V.A., kand.ekonom.nauk [translator];  
KALASHNIKOV, A.A. [translator]; NIKULIN, N.I. [translator]; LEPNI-  
KOVA, Ye., red.; CHERPILJEVA, O., tekhn.red.

[Northern Vietnam on the path to building socialism] Severnyi  
V'etnam na puti postroeniia sotsializma. Moskva, Izd-vo sotsial'no-  
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NAGORNAYA, H.A. [translator]; LEPNIKOVA, Ye., red.; ULANOVA, L.,  
tekh.n.red.

[Problems of the new system for the planning and financing  
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rovaniya i finansirovaniya chekhoslovatskoy promyshlennosti.  
Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 282 p.

(Czechoslovakia--Industries)

(MIRA 12:9)

BUYANOV, P.S.; KARAVAYEV, A.A.; KULAGIN, N.A.; ASTAKHOV, V., red.;  
VALOVOY, D., red.; LEFNIKOVA, Ye., red.; MOSEKINA, B.,  
tekhn.red.

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ZOLOPAREV, V.I.; PEKSHEV, Yu.A.; LENSKIY, B.V.; AVSENEV, Yu.M.; KISVIANTSEV,  
L.A.; SHVETSOV, N.I.; TELEGIN, Ya.I.; ZYKOV, A.A.; SENIN, V.P.;  
NETRUSOV, A.A.; GAVRILOV, V.V.; NIKOLAYENKO, Zh.I.; VOLKOV, N.V.;  
KALASHNIKOV, A.A.; FLAKSIN, S.V.; POPOV, N.N.; KARSHINOV, L.N.;  
YAKIMOVA, T.A.; SHALASHOV, V.P.; KOSONOGOV, L.A.; PUSENKOV, N.N.;  
LEPNIKOVA, Ye., red.; MOSKVINA, R., tekhn.red.

[Economic development in the people's democracies; survey for 1958]  
Razvitie ekonomiki stran narodnoi demokratii; obzor za 1958 g. Pod  
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1. Moscow. Nauchno-issledovatel'skiy kon'yunktorny institut.  
(Communist countries--Economic conditions)

ZAKSE, Diter; LEPNIKOVA, Ye., red.; DUDNICHENKO, E., mladshiy red.;  
SHISHANKOV, V., mladshiy red.; CHEPELEVA, O., tekhn.red.

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Democratic Republic] Sotsialisticheskie preobrazovaniia  
agrarnykh otnoshenii v Germanской Demokraticheskoi Respublike.  
Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 196 p.

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SOLOTAROV, V.I.; PEKSHEV, Yu.A.; LENSKIY, B.V.; AVSHNEV, Yu.M.;  
KISVIANTSKY, L.A.; SHVEPSON, N.I.; TELEGIN, Ye.I.; ZYKOV, A.A.;  
SENIN, V.P.; NETRUSOV, A.A.; GAVRILOV, V.V.; NIKOLAYENKO, Zh.I.;  
VOLKOV, N.V.; KALASHNIKOV, A.A.; FLAKSIN, S.V.; POPOV, N.H.;  
KARSHINOV, L.N.; YAKIMOVA, T.A.; SHALASHOV, V.P.; KOSONOGOV, L.A.;  
PUSHKOV, N.N.; SLADKOVSKIY, M.I., red.; IVANOV, N.I., red.;  
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[Economic development in the people's democracies; review for  
1958] Razvitie ekonomiki stran narodnoi demokratii; obzor za  
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no-ekon.lit-ry, 1959. 358 p. (MIRA 13:7)

1. Moscow. Nauchno-issledovatel'skiy kon'yunktorny institut.  
(Communist countries--Economic conditions)

BARABANOV, Mikhail Vasil'yevich; LEPNIKOVA, Ye., red.; DUDNICHENKO, E.,  
mladshiy red.; NOGINA, N., tekhn. red.

[Economic competition between the two systems; criticism of the  
opinions of bourgeois ideologists of the U.S.A.] Ekonomicheskoe  
sorevnovanie dvukh sisten; kritika vzgliadov burzhuaznykh ideo-  
logov SSSA. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 185 p.  
(MIRA 14:4)

(Economics)



DUDINSKIY, Il'ya Vladimirovich; LEPNIKOVA, Ye., red.; KOROLEVA, A.,  
mlad. red.; NOGINA, N., tekhn. red.

[The world socialist system and the general laws of its develop-  
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Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 292 p.

(MIRA 14:9)

(Communist countries--Economic conditions)

KOZMA, I.; BAGAYEV, V.P. [translator]; IL'IN, I.S. [translator]; PETROV,  
I.A. [translator]; LEPNIKOVA, Ye., red.; DUDNICHENKO, E., mald.  
red.; NOGINA, N., tekhn. red.

[Agriculture of the Rumanian People's Republic on the way to  
socialism] Sel'skoe khoziaistvo Rumynskoy Narodnoi Respubliki na  
puti sotsializma. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 99 p.  
(MIRA 14:10)

(Rumania--Agriculture)

VASIL'TSOV, V.D.; VOLCHENKO, M.Ya.; GERTSOVICH, G.B., kand.ekon. nauk;  
ZHARKOV, Ye.I.; KONOVALOV, Ye.A., kand. ekon. nauk; MATVIYEVSKAYA,  
E.D.; OLEYNIK, I.P., kand. ekon. nauk; RAYEVSKAYA, E.S.,;  
SKVORTSOVA, A.I.; SOKOLOVA, N.V.; SOTNIKOVA, I.A.; TANDIT, V.S.;  
TRIGUBENKO, M.Ye.; FIRSOVA, Yu.V.; SHABUNINA, V.I.; YUMIN, M.N.;  
STORozHEV, V.I., kand. istor. nauk, red.; LEPNIKOVA, Ye., red.;  
SIRNOV, G., tekhn. rei.

[Economy of the people's democracies in figures for 1960] Ekono-  
mika stran sotsialisticheskogo lageria v tsifrakh 1960 g. Pod  
red. G.B.Gertsovicha, I.P.Oleinika, V.I.Storozheva. Moskva, Izd-  
vo sotsial'no-ekon. lit-ry, 1961. 238 p. (MIRA 15:4)  
(Communist countries--Economic conditions)

RYABUSHKIN, T.V., doktor ekonom. nauk, prof., nauchnyy red.; STUPOV,  
A.D., kand. ekonom. nauk, nauchnyy red.; LEPNIKOVA, Ye., red.;  
BESSUDNOVA, N., mladshiy red.; MOSKVINA, R., tekhn. red.

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statistics] Ekonomika stran sotsialisticheskogo lageria v tsifrakh,  
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1962. 236 p. (MIRA 16:1)  
(Communist countries--Statistics)

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stve (na primere promyshlennosti). Moskva, Sotsekgiz, 1963.  
245 p. (MIRA 16:7)

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issledovatel'skogo ekonomicheskogo instituta Gosplana SSSR  
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USIYEVICH, M.A., kand. ekon. nauk; VIDMAR, V.N., kand. ekon. nauk;  
STUPOV, A.D., kand. sel'khoz. nauk; STARODUBROVSKAYA, V.N.,  
kand. ekon. nauk; STORCZHEV, V.I., kand.ist. nauk; RUDAKOV,  
Ye.V., kand. ekon. nauk; KIRANOV, P., prof.; KHORVAT, L.  
[Horvat, L.], kand. ekon. nauk; KROMM, K., doktor; FRUKK, Kh.  
[Frukk, H.], doktor; SEMIDT, V.[Schmidt, V.], prof., doktor;  
TEPIKHT, Ye.[Tepicht, E.], prof.; NIK, S. [Nic,S.], kand.  
ekon. nauk; DUMITRIY, D.[Dimitro, D.]; SVOBODA, K., kand.  
ekon. nauk; LEPNIKOVA, Ye., red.; KIRSANOVA, I., mladshiy red.;  
NOGINA, N., tekhn. red.

[Socialist reorganizations in the agriculture of the European  
people's democracies] Sotsialisticheskie preobrazovaniia v sel'-  
skom khoziaistve evropeiskikh stran narodnoi demokratii. Moskva,  
Sotsekgiz, 1963. 334 p. (MIRA 16:7)

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cheskoy sistemy.2. Institut ekonomiki mirovoy sotsialistich-  
skoy sistemy AN SSSR (for Usiyevich, Vidmar, Stupov,  
Starodubrovskaya, Storozhev, Rudakov).  
(Europe, Eastern--Agriculture, Cooperative)

KONDRASHEV, Denis Dmitriyevich, doktor ekon. nauk; LEPNIKOVA, Ye.,  
red.; KIRSANOVA, I., mlad. red.; MOSKVINA, R., tekhn. red.

[Price and value in the socialist economy] Tsena i stoimost'  
v sotsialisticheskome khoziaistve. Moskva, Sotsekgiz, 1963.  
391 p. (MIRA 16:12)

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SOBAKINSKIKH, Viktor Ivanovich; LEMNIKOVA, Ye., red.; KIRSANOVA, I.,  
mlad. red.

[Comparative economic indexes on the development of the  
agriculture of the U.S.S.R. and the U.S.A.] Sopostavlenie  
ekonomicheskikh pokazatelei razvitiia sel'skogo khoziaistva  
SSSR i SShA. Moskva, "Mysl'," 1964. 149 p. (MIRA 17:6)



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red.

- [Program for a course in economics for institutions of higher learning (280 hours)] Programma kursa politicheskoi ekonomii dlia vysshikh uchebnykh zavedenii (280 chasov). Moskva, Izd-vo "Mysl'," 1964. 46 p. (MIRA 17:8)

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SAMBORSKIY, Georgiy Ivanovich; IERMILOVA, Ye., red.; KOKOSKINA, I.,  
mlad. red.

[Automation and specialization in U.S.S.R. industry] Avto-  
matizatsiya i spetsializatsiya v promyshlennosti SSSR. Mo-  
skva, Mysl', 1967. 214 p. (MIRA 18:1)

VASIL'YEV, Nikolay Vasil'yevich; LEPLIKOVA, Ye.F., red.;  
KOKOSHKINA, I.K., mlad. red.

[Specialization and zoning of farming in the U.S.S.R.]  
Spetsializatsiia i razmeshchenie sel'skokhoziaistven-  
nogo proizvodstva v SSSR. Moskva, Mysl', 1965. 452 p.  
(MIRA 18:6)

MEPNOVA, M.I.

"The Calculation of Nutritious Element Content in Plants," Dok. AN, 65, no. 2, 19491  
Libr. Sci. Res. Inst., Potato Economy, Min. of Agriculture, -cl 49-.

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CA ЛЕПНОВА, М.И.

New regularities of the content, in plants, of nutrient elements upon recalculation of nitrogen and ash. M. I. Lepnova. *Izv. Akad. Nauk S.S.S.R. Ser. Biol.* 1950, No. 3, 60-74; *Doklady Akad. Nauk S.S.S.R.* 63, 181-3 (1949). --Calcul. based on the sum of N and ash content of potato plants, rather than on dry wt., being out the following: with sufficient dietary N the N level in upper leaves rises, while with N deficiency it declines. P content of upper leaves depends on the supply of P, N, and other unknown factors; K content depends on K supply as well as on meteorological conditions, rising in wet weather. G. M. Kosolapoff

110

CA LEPNOVA, M.I.

Sulfur deficiency in the plant as a reason for decline of potato plant. M. I. Lepnova. *Doklady Akad. Nauk S.S.S.R.* 71, 71-3(1957). ~~THE S~~ content of upper leaves of potato plant in the course of growth declines somewhat during flowering, then rises to normal. When nitrogenous fertilizers are used (P-N to a lesser extent), the decline of S is of a permanent nature and decline proceeds during further growth after flowering; added S must be introduced along with the fertilizer to keep up the normal growth rates of the plant and its tubers. G. M. K.

LEPNOVA, V.I.

Results of controlled fattening carried out at the All-Union Scientific Research Institute of Livestock Feeding. Trudy VNIIK 3:44-54  
'56. (MLBA 10:4)

(Swine--Feeding and feeding stuffs)

YUGOSLAVIA

CVETKOVIC, Lj.; SIBALIC, S.; LEPOJEV, Olga; and PANJEVIC, Dj., Institute for Preventive Veterinary Medicine (Institut za Preventivnu Veterinarsku Medicinu), Belgrade

"Changes in the Blood of Lambs Naturally Infected by Trichostrongylides During the Pasture Season"

Belgrade, Acta Veterinaria, Vol 16, No. 3, 1966; pp 217-228

Abstract [English summary modified]: Hemograms, fecal studies and serum protein analysis in lambs in the field in 1963 and 1964. Trichostrongyloidosis was much more prevalent in 1963 due to the dry season and relative scarcity of food; eosinophilia paralleled increase in gammaglobulins and both occurred simultaneously with the decrease in intensity of parasitization. Graph, 4 tables, 1 Soviet, 1 Yugoslav, 25 Western references. Manuscript received 26 Nov 65.

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L 46717-66

ACC NR: AP6023644

SOURCE CODE: UR/0381/66/000/002/0014/0022

AUTHOR: Zhukov, V. K.; Dreyzin, V. B.; Leshchenko, I. G. 4/6  
13

ORG: Tomsk Polytechnical Institute imeni S. M. Kirov (Tomskiy politekhnicheskii institut)

TITLE: An inductive-impedance pickup with a circular magnetoconductor

SOURCE: Defektoskopiya, no. 2, 1966, 14-22

TOPIC TAGS: measuring instrument, magnetic method, transmitter receiver, induced current, magnetometer, eddy current

ABSTRACT: A new type of eddy current pickup designed for the dimensioning of cylinders made of nonmagnetic materials is described. The circular magnetoconductor probe had either a single air gap or 2-diametrically displaced gaps. An exciting magnetic flux induced surface currents in the part to be measured, the values of which were correlated with the geometrical dimensions and electrical conductivity of the body. The analytical dependence between the parameters of nonmagnetic metallic cylinders and the impedance and emf of the pickup windings was derived mathematically. Vector equations are given for the potential of the electromagnetic field in cylinders ( $\dot{A}'$ ) and in the air gap ( $\dot{A}''$ ) as functions of first and second series Bessel indices, cylinder dimensions and the vector potential of the exciting field in the air gap. Experiments were

UDC: 620.179.14

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ACC NR: AP6023644

carried out on bronze and copper cylinders of 6 and 3 mm diameter, respectively, using a ferrite ring with an external diameter of 55 mm, a  $11 \times 12 \text{ mm}^2$  cross section and a relative permeability of 1000. The changes in pickup impedance are given as a function of dimension parameters and the results are compared to the calculated values. The effects of shielding and short-closed looping on the distribution of magnetic field strength are described. Circular magnetoconductors were found to be free of the deficiencies encountered in straight loop sections. The circular pickup also responded better to cross sectional cracks in the tested cylinders. A more uniform field was obtained by using selective shielding and short-closed looping in both types of pickups. Orig. art. has: 4 figures, 19 formulas.

SUB CODE: 14,09/      SUBM DATE: 25Nov65

Card 2/2    fv

LEPOJEVIC, V., rpt. inv.

First Yugoslav-Polish cooperation on some part area of ...  
exploitation. Rad met 16th 3:00-3:30 PM.

LESEID J. Foglalkomai eroketi eszorto. Parfirologia Hias pisminta wia. Szarlatok  
an occupati nal Hivase Nepeszesseguy, Bulajest 1949, 30/5 (229-235) Tables 1

SO: Medical Microbiology and Hygiene, Section IV, Vol 3, No 1-6

C.A. Lepold, I

63

Intoxication with furfural. Balazs Bugyi and József  
Lépkö. *Nyomtatás* 30, 229 (1949). Twelve work-  
ers showed numbness of tongue and mucous membrane of  
mouth, absence of taste sense, and difficulties in breathing  
in a plant where furfural was made with unsatisfactory  
ventilation. Toxicity of furfural is lower than that of  
benzene. Istvan Fényi

ROMANIA/Human and Animal Physiology. Digestion. The Stomach.

T-7

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55727.

Author : Nitsulescu, I., Foni, I., Leporde, G.

Inst :

Title : The Study of Disturbances of the Peristaltic Stomach Activity Caused by Experimentally Induced Inflammations of the Intestines.

Orig Pub: Rumynsk. med. obozreniye, 1957, 1, No 2, 20-26.  
Transl.-Fiziol. normala si Patol., 1955, No 1.

Abstract: In dogs, suffering from a fistula, and in one dog with a single Pavlov ventricle, an irritation of the ileo-caecal mucosa, or of the rectum by an Ag NO<sub>2</sub> solution caused an irregular increase in amplitude and frequency of small ventricle or large stomach contractions. These disturbances of the peristaltic stomach activity

Card : 1/2

ROMANIA/Human and Animal Physiology. Digestion. The Stomach.

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55727.

were correlated to irritation intensity, or to severity and duration of inflammations. A novocaine lumbar block, according to Vishnevskiy, diminished the gravity of disturbances of peristaltic stomach activity, and hastened normalization in prolonged inflammatory processes.

Card : 2/2

LEPORINSKIY, Yu.N.

Effect of the removal of a portion of the pancreatic gland on  
the second phase of gastric secretion. Fiziol.zhur. 48 no.12:  
1471-1478 D '62. (MIRA 16:2)

1. From the Department of Physiology, Medical Institute, Kazan.  
(~~PANCREAS-SURGERY~~) (~~STOMACH-SECRETIONS~~)  
(CHOLINE)

VOLKOVA, I.N.; LEPORINSKIY, Yu.N.

Effect of lipocaic on gastric secretion in dogs subjected  
to partial pancreatectomy. Fiziol. zhur. 49 no.8:976-983  
Ag '63. (MIRA 17:2)

1. From the Department of Physiology, Medical Institute,  
Kazan.



LEPORINSKIY, Yu.N.

Effect of total pancreatectomy on the first and second phase  
of gastric secretion. Eksper. khir. i anest. 9 no.5:40-45  
S-0 '64. (MIRA 18:11)

1. Kafedra normal'noy fiziologii (zav. - prof. I.N.Volkova)  
i kafedra obshchey khirurgii (zav. - prof. V.N.Shubin) Kazan-  
skogo meditsinskogo instituta.

PETROV, A.A.; LEPORSKAYA, Ye.A.

Conjugated systems. Part 4). Order of the addition of alkyl hypoiodites  
to homologs of chloroprene. *Zhur.ob.khim.* 23 no.6:1038-1046 '53.  
(MLRA 6:6)

1. Khimicheskaya laboratoriya Leningradskogo instituta aviatsionnogo pri-  
borostroyeniya. (Chloroprene) (Hypoiodites)

LEPORSKAYA, YE. A.

USSR/Chemistry - Conjugated Systems

Sep 53

"Investigations in the Field of Conjugated Systems.  
I. Synthesis and Properties of Homologs of Bromoprene," Ye.A. Leporskaya and A.A. Petrov, Chem Lab, Leningrad Inst of Aircraft Instrument Building

Zhur Obshch Khim, Vol 23, No 9, pp 1471-1474

A series of homologs of bromoprene was obtained from homologs of vinyl acetylene by the action of HBr in the presence of  $Cu_2Br_2$ . The addition to these substances of dimethyl maleinate and dimethyl fumarate was investigated.

268T27

LEPCORSKAYA, Ye. A.

Dissertation: "Investigations of Reactions of Diene Halogen Derivatives with Alkyl Hypo-  
halogenites." *Card Chem Sci, Leningrad State U, Leningrad, 1954. Referativnyy Zhurnal--*  
*Khimiya, Moscow, No 13, Jul 54.*

SO: SUM No. 350, 25 Jan 1955

USSR/ Chemistry - Conjugated systems

Card : 1/1

Authors : Leporskaya, E. A., and Petrov, A. A.

Title : Investigation of conjugated systems. Part 55.- About the order of addition of alkylhypohalides to 3-chloro- and 3-bromohexadienes-1, 3

Periodical : Zhur. Ob. Khim., 24, Id. 6, 1005 - 1014, June 1954

Abstract : The order of addition of alkylhypohalides to 3-chloro- and 3-bromohexadienes-1, 3 was investigated. Esters of 1, 3-halogenhexene-3-ol-2 are the main products obtained in all investigated cases. The differences in the order of addition of alkylhypohalides to halogenhexadienes, as compared with butadiene halides, are explained on the basis of the theory of electron displacements. Five references. Table.

Institution : Institute of Aviation Instrument Construction, Leningrad

Submitted : December 24, 1953

AUTHORS: Leporskaya, Ye. A., Petrov, A. A. 307/79-28-6-3/63

TITLE: Investigations in the Field of Combined Systems (Issledovaniya v oblasti sopryazhennykh sistem) LXXXVIII. The Condensation of 3-Chloropentadiene-1,3 and 3-Chlorohexadiene-1,3 With Propargyl Aldehyde and Propiolic Acid (LXXXVIII. Kondensatsiya 3-khlorpentadiyena-1,3 i 3-khlorgeksadiyena-1,3 s propargilovym al'degidom i propiolovoy kislotoy)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol. 28, Nr 6, pp. 1432-1435 (USSR)

ABSTRACT: In the publications for recent years concerning the diene synthesis the problem of the absence of an agreeing influence of some different substituents (Refs 1 - 3) on the diene system has not been touched as opposed to the benzene derivatives. The authors wanted to solve this problem by carrying out the condensations of 3-chloropentadiene-1,3 with propiolic acid and of 3-chlorohexadiene-1,3 with the same acid and with propargyl aldehyde. It was found that in these diene syntheses in all cases the formation of two possible binding products (formulae I and II) takes place, the main direction of the reaction being that which is dependent on

Card 1/3

SOV/79-28-6-3/63

Investigations in the Field of Combined Systems. LXXXVIII. The Condensation of 3-Chloropentadiene-1,3 and 3-Chlorohexadiene-1,3 With Propargyl Aldehyde and Propiolic Acid

the presence of the alkyl group. The results of the chromatographic separation of their mixture and the amount of 4-chloroisophthalic acid forming in the oxidation of the whole mixture decided on the ratio between the amounts of the two isomers. The chromatographic separation of the acid mixture, the condensation products of chloropentadiene with propiolic acid made it possible to isolate two chloromethyldihydrobenzoic acids at the ratio of 3 : 1. As further investigations showed only the formula 3-chloro-2-methyl- $\Delta^{3,6}$ -dihydrobenzoic acid could be attributed to the acid separated in greater amounts. This treatment of the acid mixture forming in the condensation of chlorohexadiene with propiolic acid yielded acids also at the ratio 3 : 1. In the oxidation of the higher melting acid produced in smaller quantities 4-chloroisophthalic acid was obtained so that the formula 4-chloro-3-ethyl- $\Delta^{1,4}$ -dihydrobenzoic acid had to be attributed to this isomer. In the condensation of chlorohexadiene with propargyl aldehyde a chloroethyldihydrobenzoic acid aldehyde resulted. All in all the experimental data showed

Card 2/3

SOV/79-28-6-3/63

Investigations in the Field of Combined Systems. LXXXVIII. The Condensation of 3-Chloropentadiene-1,3 and 3-Chlorohexadiene-1,3 With Propargyl Aldehyde and Propiolic Acid

that the orientations in the diene synthesis are dependent on other factors than is the case in the substitution in the benzene ring. Thus it was proved that in all condensations the isomers having the alkyl group and the oxygen containing radical in the ortho position are dominating. There are 7 references, 4 of which are Soviet.

ASSOCIATION: Leningradskiy institut aviatsionnogo priborostroyeniya  
(Leningrad Institute of Aviation Instruments)

SUBMITTED: May 24, 1957

1. Diene synthesis--Analysis

Card 3/3



LEPORSKIY, ANDREY AfANAS'yevich

*medicine-respiration  
Exercise Therapy*

DECEASED  
c. 62

1964

LEPORSKIY, A. N.

LEPORSKIY, A. N. -- "Investigation of the Propagation of Sound Waves on Uneven Surfaces." Acad Sci USSR. Acoustic Inst. Moscow, 1955. (Dissertation for the Degree of Candidate in Physicomathematical Sciences)

SO: Knizhnaya Letopis', No 1, 1956, pp 102-122, 124

LEPORSKY, A. N.

Akusticheskiy Zhurnal, vol. 1, No. 1, 1955

A. N. LEPORSKY. Experimental study of the diffraction of acoustic waves by periodic structures (configurations). A description is given of the method of studying experimentally the diffraction of acoustic waves by periodic configurations. The experimental dispersion indices are presented, they are compared to the theoretical results computed according to the theory developed by L. N. BREKHOVSKIKH.

of the diffraction of acoustic waves by periodic configurations. A description is given of the method of studying experimentally the diffraction of acoustic waves by periodic configurations. The experimental dispersion indices are presented, they are compared to the theoretical results computed according to the theory developed by L. N. BREKHOVSKIKH.

MISS

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REN

LEPCRSKIY, A. N.

Acoustical Institute of the Academy of Sciences of the USSR, Moscow

"Investigation of the Scattering of Sound Waves on Corrugated Surfaces" paper  
presented at 2nd International Congress on Acoustics, Cambridge, Mass., 17-23  
June 1956.

So: B-100200

Category : USSR/Acoustics - Sound vibrations and waves

J-2

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 2098

Author : Leporskiy, A.N.

Inst : Acoustics Institute, Academy of Sciences USSR

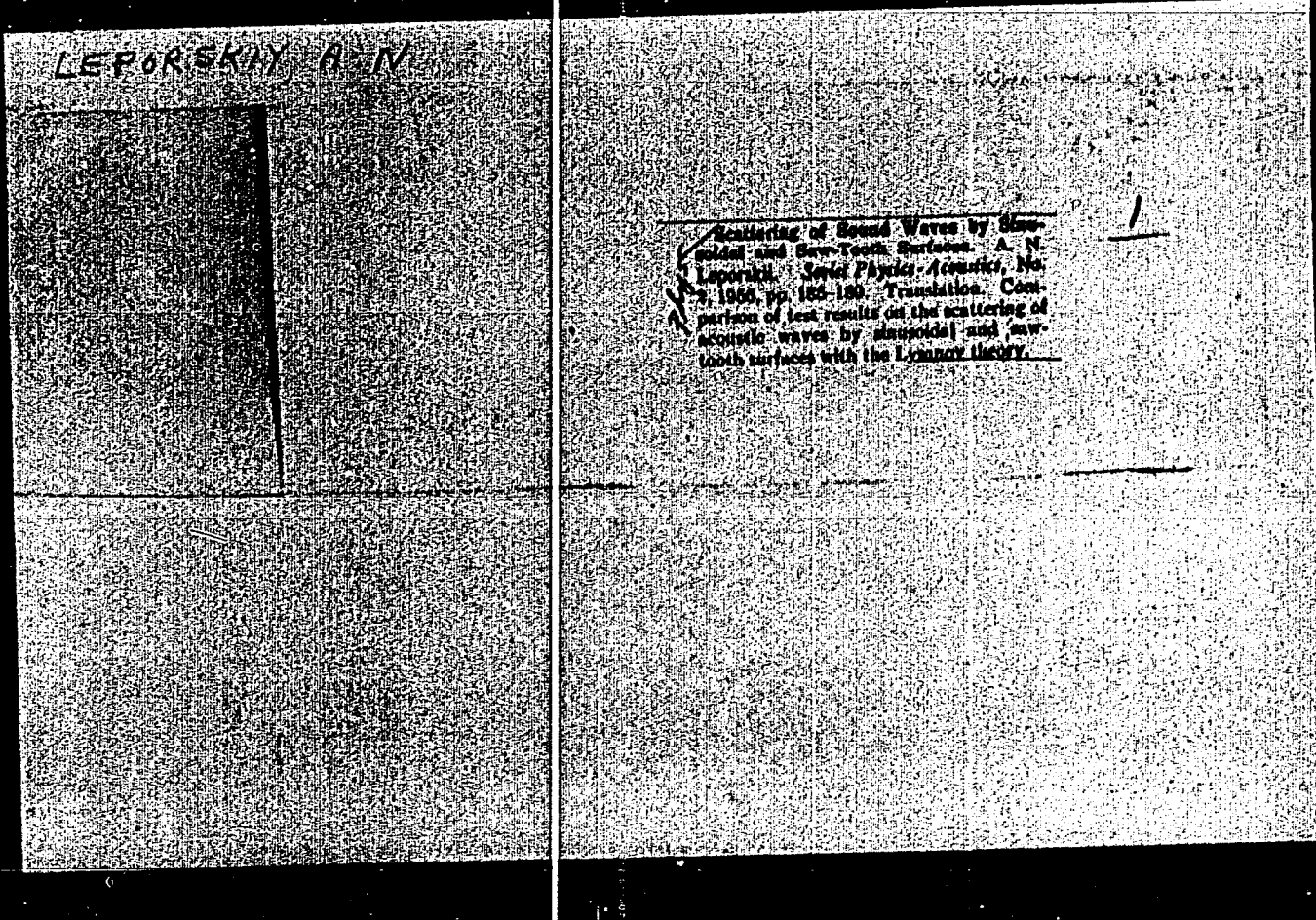
Title : On the Scattering of Sound Waves by Sinusoidal and Sawtooth Surfaces

Orig Pub : Akust. Zh., 1956, 2, No 2, 177-181

Abstract : An experimental investigation was made of the sound field scattered by models of sinusoidal and sawtooth surfaces, having irregularities either smaller than or practically equal to the wavelength of the incident sound. The experimental setup and the procedure were described earlier (Ref. Zhur. Fiz., 1955, 22908). The results are compared with Lysanov's theory (Ref. Zhur. Fiz., 1956, 22905).

Where the theory is valid, a satisfactory agreement is observed between the experimental and calculated data for the relative amplitudes of the sound pressure in the spectral beams.

Card : 1/1



IFFE, I.S.; SUKHOMLINOV, F.K.; LEPORSKIY, A.N.; BUKHMAN, L.B.

Preparation of  $\beta$ -propiolactone and its stability in aqueous  
solutions and in storage. Zhur.prikl.khim. 36 no.3:629-632 My '63.  
(MIRA 16:5)

(Hydracrylic acid)

USSR / Human and Animal Physiology (Normal and Pathological).  
Digestion.

T

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60451

Author : Leporekly, N. I.; Nechayeva, Ye. A.  
Inst : Leningrad Sanitary-Hygienic Medical Institute  
Title : Neuro-Humoral Stimuli Effect on Gastric Secretion During  
Sleep in Patients with Ulcers

Orig Pub : Tr. Leningr. san.-gigiyen. med. in-ta, 1957, 34, 59-66

Abstract : Gastric secretion was examined in patients with ulcers with a double tube. The volume of secretion after the administration of 200 ml. of 5% alcohol during a nocturnal sleep was 4.7% higher than during the day, and the maximal magnitudes of HCl in nocturnal gastric juice (GJ) were 33% higher than in the daytime. After treatment with Medinal and chloral hydrate, the GJ volume during the sleep in a fasting stomach decreased,

Card 1/2

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KOPNEVA, N.K.; GRINEVICH, I.P.; LOROSYIN, G.A.; ZARUBIN, N.D.; LEICHSKIY, S.V.

An efficient design of the parts of high-capacity open-hearth  
furnaces. Metallurg NO no.8:23-24. Aug '65.

(MIRA 13:8)

1. DonNICHernst i zavod im. Il'icha.

LEPORSKIY, V.N.

Phlegmon of the ileum. Khirurgiia 36 no.2:120-121 Y '60.  
(MIRA 13:12)

(ILEUM—DISEASES) (PHLEGMON)

LEPORSKIY, V.

V. LEPORSKIY, Chief Engineer, Sergo Ordzhonikidze Agovstal Works, is author of an article, "Steel-Makers".

SO: Soviet Union, No. 9(55), September 1954, Uncl.

*LEPORSKIY, V.V.*  
LEPORSKIY, V.V., inzhener; TYAGUS, V.A., inzhener

Increasing the stability of tilting open hearth furnaces. Stal' 15  
no.8:704-708 Ag'55. (MLRA 8:11)

1. Zavod "Azovstal'"  
(Open-hearth furnaces)