

MASLOV, V.N.; NABATOVA, L.V.; NALIMOV, V.V.; NYUBERG, I.N.; OVODOVA, A.V.;
SLOBODCHIKOVA, R.I.

Presentation of the results of investigation of the structural
defects of germanium. Zav. lab. 29 no.10:1206-1211 '63.
(MIRA 16:12)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut redkometallicheskoj promyshlennosti.

GRANOVSKIY, Yu.V.; ADLER, Yu.P.; NALIMOV, V.V.; KOMISSAROVA, L.N.

Screening experiments in the study of separation of zirconium and hafnium by extraction with tributyl phosphate. Zav. lab. 29
no.10:1220 '63. (MIRA 16:12)

1. Moskovskiy gosudarstvennyy universitet i Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoj promyshlennosti.

BURMISTROV, M.P.; NALIMOV, V.V.; NEDLER, V.V.

Selection of the optimal conditions for measuring weak
spectral lines. Zav. lab. 30 no.5:544--545 '64.

(MIRA 17:5)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut redkometallicheckoy promyshlennosti.

NALIMOV, Vasil'y Vasil'yevich; CHERNOVA, Nataliya Andreyevna;
GRIGOROVA, V.A., red.

[Statistical methods of planning extremum experiments] Sta-
tisticheskie metody planirovaniia ekstremal'nykh eksperimentov.
Moskva, Nauka, 1965. 340 p. (MIRA 18:8)

NALIMOV, V.V., doktor tekhn. nauk

Problems in planning an experiment; first all-Union conference.
Vest. AN SSSR 35 no.4:109-110 Ap '65.

(MIRA 18:6)

IVANOV, V.; NALIMOV, Yu.

Ice conditions in the lower reaches of the Siberian rivers.
Rech. transp. 23 no.1:39-40 Ja '64. (MIRA 18:11)

ANTONOV, V.S.; IVANOV, V.V.; NALIMOV, Yu.V.

Typical characteristics of the ice regime of navigable rivers in the Arctic region. Probl.Arkt.i Antarkt. no.15:11-17 '64.

(MIRA 17:4)

NALIMOV, Yu.V.

Organization of water level observations at polar river stations.
Probl.Arkt. no.6:107-110 '59. (MIRA 13:6)
(Arctic regions--Hydrographic surveying)

NALIMOV, Yu.V.

Aerial ice surveys in the mouths of Arctic rivers in the spring
and the fall of 1960. Probl. Arkt. i Antarkt. no.9:95-96 '61.
(MIRA 15:1)
(Russia, Northern--Ice on rivers, lakes, etc.)

NALIMOV, Yu.V.

Hydrologic characteristics of the main channel of the Yana Delta.
Trudy AANII 268:57-77 '65.

(MIRA 18:3)

NALIMOV, Yu.V.

Level regime of the channel of the middle delta of the Indigirka
River. Probl. Arkt. i Antarkt. no.19:22-31 '65.

(MIRA 18:5)

NILOV, V.I.; DATUNASHVILI, Ye.N.; NALIMOVA, A.A.

Study of the processes taking place during the conservation of wine
on yeasts. Trudy VNIIViV "Magarach" 9:153-167 '60, (MIRA 13:11)
(Wine and wine making) (Yeast)

DATUNASHVILI, Ye.N.; ALMASHI, K.K.; NALIMOVA, A.A.

Determining amine nitrogen in wine. Izv.vys.ucheb.zav.; pishch.
tekhn. no.3:171-173 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut vinogradarstva
i vinodeliya "Magarach", ordel khimii vinodeliya.
(Nitrogen compounds) (Wine and wine making--Analysis)

NILOV, V.I.; NALIMOVA, A.A.

["Ukraiskaia" unit for the bulk fermentation of grape
wort] Ustanovka "Ukrainskaia" dlia vybrazhivaniia vinc-
gradnogo susla v potoke. Moskva, Vses. nauchno-issl. in-t
vinodeliia i vinogradarstva "Magarach," 1964. 23 p.
(MIRA 18:8)

NALIMOVA, L.S.

Content of cobalt in the blood of children with leukemia. Zdrav.
Bel. 9 no.1:46-47 J'63. (MIRA 16:8)

1. Iz kafedry detskikh bolezney Minskogo meditsinskogo instituta
(zav. - akademik AN BSSR V.A.Leonov)
(COBALT IN THE BODY) (LEUKEMIA)
(CHILDREN--DISEASES)

NALIMOVA, T.A.

Aplastic form of agranulocytosis with primary manifestation in
the larynx. Vestn. otorinolaring. 25 no.3:101-102 '69
(MIRA 17:1)

1. Iz kafedry bolezney ukha, nosa i gorla (zav. - prof. A.Kh.
Min'kovskiy) Chelyabinskogo meditsinskogo instituta.

GOLENKOV, P. (Nesvizh, Minskoy oblasti); NIKITIN, V.; NALIMOVA, Yu.,
mladshiy nauchnyy sotrudnik; GURLEV, A., agronom; PLATONOVA,
Ye., agronom; YEGOROVA, L., nauchnyy sotrudnik; NESTERENKO,
N., kand. biolog. nauk

From the practices in the use of poisonous chemicals. Zashch.
rast. ot vred. i bol. 10 no.5:25-27 '65. (MIRA 18:6)

1. Toksikologicheskaya laboratoriya Nauchno-issledovatel'skogo
instituta kartofel'nogo khozyaystva (for Yegorova). 2. Toksikolo-
gicheskaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo
instituta zashchity rasteniy pri Vsesoyuznom nauchno-issledova-
tel'skom institute sakharnoy svekly (for Nesterenko).

SIDOROVA, I.I.; GORLENKO, M.V.; NALEPINA, L.N.

Systematics of the genera *Trichothecium* Link and *Arthrobotrys* Corda.
Bot.zhur. 49 no.11:1592-1599 N '64. (MIRA 18:1)

1. Moskovskiy gosudarstvennyy universitet.

А.А.И.С. - 1.1.12
NALINTSEV, M.Ye., assistant

Lymph vessels in the skin of the human trunk. Trudy LSGMI 9:92-102
'51. (MIRA 11:1)

1. Kafedra normal'noy anatomii Gor'kovskogo meditsinskogo instituta
im. S.M.Kirova (zav. kafedroy - chl.-korr. AMN SSSR prof. Zhdanov
D.A.)

(SKIN) (LYMPHATICS)

NALIVAYCHENKO, S.S., inzh.

Boltless clamps for connection of hose cable cores. Tsement
31 no.4:21 JI-Ag '65. (MIRA 13:2)

1. Azerbaydzhanskiy tsementno-gipsovyy kombinat.

NALIVAYKO, A.G.

Controlling powdery mildew on roses. Zashch. rast. ot vred. i
bol. 3 no.5:57 S-0 '58. (MIRA 11:10)

1. Krymskaya zonal'naya opytno-selektsionnaya stantsiya maslichnykh
i efiromaslichnykh kul'tur.
(Mildew) (Roses--Diseases and pests)

6.9400
6.9417

44531
S/831/62/000/010/012/013
E192/E382

AUTHORS: Likhter, Ya.I., Nalivayko, A.G., Rozin, V.L.,
Terina, G.I. and Shevchenko, D.S.
TITLE: Measurement of atmospheric radio noise in the USSR
during the IGY

SOURCE: Ionosfernyye issledovaniya. Sbornik statey, no. 10.
V razdel programmy MGG (ionosfera) Mezhduv. geofiz.
kom. AN SSSR. Moscow, Izd-vo AN SSSR, 1962. 102-115

TEXT: The equipment used for these measurements during the
IGY at 10 different points of the Soviet Union is described. It
is capable of measuring the relative time during which the value of
the envelope of the atmospheric noise exceeds a given level; this
quantity is defined by:

$$P(E) = \frac{1}{T} \int_0^T dt (E_n \geq E)$$

where E is the given level, T the measurement time and
Card 1/3

S/831/62/000/010/012/013
E192/E382

Measurement of

$dt(E_n \geq E)$ is an elementary time increment during which the value of the noise is greater than the given level. A second quantity which can be measured is the average cross-over frequency $N(E)$, i.e. the average number of times the envelope of the noise intersects a given level. The equipment can also measure the quasi-peak values of the noise field. The system comprises a non-resonant rod antenna, 5 m long, its characteristics being almost constant at frequencies up to 10 Mc/s. The antenna can be regarded, at this frequency, as consisting of a capacitance of 100 pF and an inductance of 1.8 μ H. The antenna is followed by an amplifier, a control desk, a receiver, a noise-analyzer, a recorder and a standard signal generator. All these units are described in some detail. The antenna amplifier is provided with 9 different filters at its input, covering various frequency ranges. Type P-674 (R-674) receiver, whose bandwidth was $\Delta F = 500$ c.p.s., was employed for the frequency range 12 kc/s - 1 Mc/s. The receiver for the frequency range from 2.5 - 10 Mc/s was P-250 (R-250) having a bandwidth of $\Delta F = 1$ kc/s. The equipment was calibrated by an audio and ultrasonic generator up to 100 kc/s, while above that the signal-generator, type Card 2/3

Measurement of

S/831/62/000/010/012/013
E192/E382

ГСС-6 (GSS-6) was employed. The analyzer was an instrument, type АП-28 (AP-28), which permitted measurement of the distribution curves $P(E)$ and $N(E)$ as well as determination of the quasi-peak values of the noise. The equipment was used to measure the noise at various points of the Soviet Union, starting at 00 h local time, each measurement period extending over 3 h. Apart from measurement of the distribution functions $P(E)$ and $N(E)$, the average, maximum and minimum monthly values of the noise were calculated. There are 8 figures and 3 tables. X

Card 3/3

MALININ, V.M.; DZHOLOVA, N.G., kand. sel'skokhoz. nauk; ANTONOVA, I.I.,
mladshiy nauchnyy sotrudnik; NALIVAYKO, A.G., entomolog

Means of controlling the spider mite. Zashch. rast. ot vred. i
bol. 4 no.2:34-37 Mr-Ap '59. (MIRA 16:5)

1. Zaveduyushchiy otdelom zashchity rasteniy Ferganskoy stantsii
Nauchno-issledovatel'skogo khlopkovogo instituta (for Malinin).
2. Vostochno-Sibirskiy filial AN SSSR (for Dzholova).
3. Krymskaya opytno-seleksiionnaya stantsiya efiromaslichnykh
kul'tur, Simferopol' (for Nalivayko).
(Red spider—Extermination)

TIMCHENKO, V.B.; NALIVAYKO, D.G.

Modification of vascular reactions of the skin in various functional conditions of the human organism. Vop. fiziol. no.7:62-68 '54.

(MIRA 8:1)

1. Institut fiziologii AN USSR. Kiyevskiy meditsinskiy institut.
(CEREBRAL CORTEX, physiology,
eff. on skin vasc. reactions)
(SKIN, blood supply,
vasc. reactions, eff. of cerebral cortex)

NALIVAYKO, D.G. [Nalyvaylo, D.H.]

Temperature reaction dynamics of the salivary gland during various intervals between the action of food stimuli. Fiziol. zhur. [Ukr.] 6 no.3:344-348 My-Je '60. (MIRA 13:7)

1. Kiyevskiy meditsinskiy institut im. akad. A.A.Bogomol'tsa, kafedra normal'noy fiziologii.
(PAROTID GLANDS) (BODY TEMPERATURE)

NALIVAYKO, D. G., kand. med. nauk (Kiyev)

Republic conference on the physiology and pathology of digestion.
Vrach. delo no.7:141-143 J1 '62. (MIRA 15:7)

(DIGESTION—CONGRESSES)

MIKHAILOVSKIY, V.S., kand.med.nauk; NALIVAYKO, D.G., kand.med.nauk

Changes in the temperature of the skin of the face in trigeminal neuralgia. Vrach. delo no.8:60-63 Ag'63. (MIRA 16:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut neyrokhirur-
gii i kafedra normal'noy fiziologii (zav. - prof. N.I.Putilin)
Kiyevskogo meditsinskogo instituta.
(NEURALGIA, TRIGEMINAL) (BODY TEMPERATURE)

NALIVAYKO, Georgiy Antonovich, doktor biolog.nauk, Geroy Sotsialisticheskogo Truda

Use land rationally. Sov. profsoiuzy 18 no.16:18-21 Ag '62.
(MIRA 15:8)

1. Direktor Altayskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva.

(Altai Territory--Rotation of crops)

NALIVAYKO, G. A.

NALIVAYKO, G. A. -- "Biological Peculiarities of the Multiplication of Creeping Spear Grass and Agrotechnical Measures in the Struggle against It." Tomsk State U Imeri V. V. Kyubyshev, Novosibirsk State Selection Station, Tomsk, 1953 *(Dissertation for the Degree of Candidate in Sciences)

SO: Knizhnaya letopis', No. 37, 3 September 1955

* For the degree of Candidate in Biological Sciences

USSR/Cultivated Plants - General Problems.

M-1

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29633

Author : Nalivayko, G.

Inst : -

Title : On the System of Agriculture in the Altay.

Orig Pub : Ekonomika s. kh., 1957, No 3, 29-37.

Abstract : The Commission for reorganizing the agricultural systems of Altayskiy Kray has established 4 natural economic zones: the steppe (Kulundinskaya and Rubtsovskaya steppe), the forest steppe (Priobskaya and Alepskaya forest steppe with the Prisalairskaya group of rayons), the foot hills and the Gorno-Altayskaya (an autonomous oblast'). Groups of rayons are further divided within these zones. Types of crop rotations are presented for the individual zones and rayons, and the economic tendencies and specializations are sketched. Consideration is given to problems involving the development of animal raising in the zones.

Card 1/1

- 2 -

NALIVAYKO, G.A., zasluzhennyy agronom RSFSR, kand.biologicheskikh nuak

Raise the standards of agriculture in the Altai Territory.
Zemledelie 23 no.3:7-17 Mr '61. (MIRA 14:3)

1. Direktor Altayskogo nauchno-issledovatel'skogo instituta
sel'skogo khozyaystva.
(Altai Territory--Agriculture)

NALIVAYKO, Georgiy Antonovich, zasl. agronom RSFSR, Geroy Sotsialisticheskogo Truda, novator; LEONOVA, T.S., red.; RAKITIN, I.T., tekhn. red.

[Vital, purposeful, and effective; row crop cultivation in the Altai] Zhiznennaiia, tselestremennaiia, effektivnaia; propashnaia sistema zemledeliiia na Altae. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no.5) (MIRA 15:5)

(Altai Territory--Rotation of crops)

NALIVAYKO, Georgiy Antonovich, Geroy Sotsialisticheskogo Truda;
ZELENETSKAYA, L.V., red.; SAYTANIDI, L.D., tekhn. red.

[Row crop rotations] O propashnoi sisteme zemledel'ia. Mo-
skva, Izd-vo M-va sel'.khoz. RSFSR, 1962. 111 p.

(MIRA 15:3)

1. Direktor Altayskogo nauchno-issledovatel'skogo instituta
sel'skogo khozyaystva (for Nalivayko).

(Rotation of crops)

NALIVAYKO, G.A.; KIRYUKHIN, A.M., inzh.; ABRAMOV, F.G., kand. sel'-
khoz. nauk; KRALIN, P.I., kand. sel'khoz. nauk;
DMITRIYEVA, L.A., red.; AVDEYEVA, V.A., tekhn. red.

[Use land efficiently] Po khoziaiski ispol'zovat' zemliu.
Moskva, Sovetskaia Rossiia, 1962. 220 p. (Truzhenikam sela
ob intensivnoi sisteme zemledel'ia, no.1) (MIRA 16:8)

1. Direktor Altayskogo nauchno-issledovatel'skogo instituta
sel'skogo khozyaystva (for Nalivayko).
(Agriculture)

NALIVAYKO, G.A., Geroy Sotsialisticheskogo Truda

Inexhaustible treasures. IUn. nat. no.8:2-4 Ag '62.

(MIRA 15:9)

1. Direktor Altayskogo nauchno-issledovatel'skogo instituta
sel'skogo khozyaystva.

(Agriculture)

NALIVAYKO, G.A., Geroy Sotsialisticheskogo Truda, zasluzhennyy agronom RSFSR

Crop rotations including row-crops are a key to abundance.
Zemledelie 24 no.2:7-10 F '62. (MIRA 15:3)

1. Direktor Altayskogo nauchno-issledovatel'skogo instituta
sel'skogo khozyaystva.
(Rotation of crops)

~~NALIVAYKO, G.A.~~

Way to increase soil fertility; interview with G.A.Nalivaiko,
Director of the Altai Agricultural Research Institute. Priroda
51 no.2:31-32 F '62. (MIRA 15:2)

1. Direktor Altayskogo nauchno-issledovatel'skogo instituta
sel'skogo khozyaystva.
(Soil fertility)

ACC NR: AP7002162 SOURCE CODE: UR/0089/66/021/006/0439/0445

AUTHOR: Anatskiy, A. I.; Bogdanov, O. S.; Bukayev, P. V.; Vakhruhin, Yu. P.;
Malyshev, I. P.; Malivayko, G. A.; Pavlov, A. I.; Suslov, V. A.; Khalchitakiy, Ye. P.

ORG: none

TITLE: Linear induction accelerator

SOURCE: Atomnaya energiya, v. 21, no. 6, 1966, 439-445

TOPIC TAGS: linear accelerator, electron accelerator, mev accelerator

ABSTRACT:

A description is given of the LIU-3000 linear induction accelerator, which was designed at the Scientific-Research Institute for Electro-Physical Devices (NIIEFA) in 1962. The LIU-3000 was designed for an energy of 3 Mev and a pulse current of up to 200 amp. Its operation for electron acceleration is based on the utilization of a rotational electric field, created in a system consisting of several circular transformers. The maximum possible current of the accelerated electrons in such an accelerator with focusing sufficient to compensate for the repelling force of the space charge, is determined basically by the power of the commutating element in the primary circuit of the inductor. The LIU-3000's power can be brought to 1000 amp/pulse, what is impossible in other types of accelerators. The

Card 1/2 UDC: none

ACC NR: AP7002162

LIU-3000 consists of a series of accelerating sections (the first of which was adjusted in 1963). Each section consists of 12 inductors which are vacuum sealed to permit a vacuum of 5×10^{-6} torr inside. The sections are connected in pairs into units with the aid of special pipes. Pumping and observation devices are situated between the units. The following data were obtained from tests: maximum current of accelerated electrons, 180 amp; maximum energy of injected electrons, 300 kev; energy of accelerated electrons, 485 kev; duration of the current pulse of the gun, 2.2 μ sec; pulse duration of the accelerating voltage, 0.35 μ sec; duration of the pulse front of accelerating voltage, 0.18 μ sec; average gradient of accelerating field, 310 kv/m; and diameter of the accelerated beam (at the exit), 2 cm. In addition to the authors, other staff member of NIIIEPA who participated in designing and testing the LIU-3000 were R. A. Alakseyev, L. M. Andrezon, A. V. Belyayeva, O. D. Volodin, M. A. Cashev, V. K. Gagen-Torn, N. K. D'yachenko, N. V. Toloknov, Yu. V. Lobedov, A. A. Markhel', P. G. Moreyev, A. V. Popkovich, A. N. Popov, S. V. Promyshlyayev, G. L. Saksaganakiy, Ya. L. Yakhelis, and A. T. Chesnokov. The authors thank V. I. Veksler and V. P. Saratsev for their help with the work. Orig. art. has: 4 formulas and 11 figures.

SUB CODE: 20/ SUB DATE: 14Apr66/ ORIG REF: 003/ OTH REF: 001/
ATD PRESS: 5112

Card 2/2

1. NALIVAYKO, G. S.; PROCHAYEV, V. P.
2. USSR (600)
4. Hops
7. Practice of leaders in obtaining high yields of hops. Dost. sel'khoz. no. 12 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

HALIVAYKO, G.S., kandidat sel'skokhozyaystvennykh nauk.; ROMBYKO, I.N.,
kandidat biologicheskikh nauk.

Increasing the effect of fertilizers when applying certain rhizo -
sphere bacteria. Dokl. Akad. sel'khoz. 21 no. 9:43-47 '56.
(MIRA 9:10)

1. Zhitomirskaya nauchno-issledovatel'skaya stantsiya khmelevodstva.
Predstavleno akademikom P.A. Vlasukom.
(Fertilizers and manures) (Rhizosphere microbiology)

Country : USSR
Category: Cultivated Plants. Commercial. Oil-Bearing.
Sugar-Bearing.

Abs Jour: RZhBiol., No 22, 1958, No 100412

Author : Buynitskiy, N.A.; Nalivayko, G.S.; Prochayev,
B.P.

Inst : -

Title : Influence of the Growing Conditions of Young
Hop Plants On Their Yield.

Orig Pub: Agrobiologiya, 1958, No 1, 136-138

Abstract: In 1953, the influence of local application
of fertilizers on the quality of Clon 18
young plants was studied. Cuttings, rhizomes
and shoots served as planting material for the
experiment. Variants: 1) 20 tons of manure;

Card : 1/3

M-133

Country : USSR
Category: Cultivated Plants. Commercial. Oil-Bearing.
Sugar-Bearing.

M

Abs Jour: RZhBiol., No 22, 1958, No 100412

2) the same + N40P50K60 applied by broadcasting; 3) the same but the mineral fertilizers were placed in the planting holes at planting time; 4) the same but P50 was placed in planting holes and KN was broadcast. The planting hole placement of fertilizers promoted a better development of the root system in the young plants from cuttings, rhizomes and shoots. The yield of the plants from cuttings grown with a background of manure and mineral fertilizers applied by broadcasting comprised 9.3 centners/ha, and the yield of

Card : 2/3

NALIVAYKO, G.Ya.

The port of Arkhangel in the winter 1939-1940 '62. (MIRA 15:8)
(Arkhangel--Harbor)

NALIVAYKO, G.Ya.

Investigating the place for a harbor in the mouth of the Indige
River. Let. Sev. 4:77-79 '64. (MIRA 18:3)

NALIVAYKO, L.Ya., Geroy Stotsialisticheskogo Truda

Trying to achieve labor savings in all operations. Put' 1
put. khoz. 4 no. 12:16-17 D '60. (MIRA 13:12)

1. Starshiy mekhanik puteukladochnykh poyezdov Putevoy
mashinnoy stantsii No.22, g.Omsk.
(Railroads--Management)

SHEVCHENKO, A.K.; NALIVAYKO, L. Ye.

Fauna and evology of blood sucking midges in the middle Northern
Donets Valley. Trudy Ukr. resp. nauch. ob-va paraz. no.2:171-181
'63 (MIRA 17:3)

1. Nauchno-issledovatel'skiy institut biologii Khar'kovskogo
gosudarstvennogo universiteta i Chuguyavskaya rayonnaya bol'-
nitsa.

80V/84-58-12-40/54

AUTHOR: Naliyayko, M., Unit Commander

TITLE: On Belorussian Fields (Na polyakh Belorussii)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 12, p 28 (USSR)

ABSTRACT: The author describes the activities of his unit in servicing the fields of the Belorussian and Kaliningrad oblast. He cites statistics relating to the fulfillment of the 1958 plan in air transportation, field cultivation and fertilizing, and pest control. Personalities mentioned include unit commanders Vladimir Bogdanovich and Nikolay Korovin.

Card 1/1

NALIVAYKO, N. (Kiyev)

More about the improvement and introduction of vending machines.
Sov. torg. 33 no.11:13-17 N '59. (MIRA 13:2)

1. Korrespondent zhurnala "Sovetskaya trgovlya" po USSR.
(Vending machines)

NALIVAYKO, N.

Brigade responsibility is an efficient form of training. Sov.
torg. 35 no.5:25-27 My '62. (MIRA 15:5)

1. Direktor Tsentral'nogo universal'nogo magazina, g. Kiyev.
(Kiev--Clerks (Retail trade))

1. NALIVAYKO, N.F.
2. USSR (600)
4. Afforestation
7. Brigade doing outstanding work in silviculture, Les.khoz. 6 no. 3, 1953.

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

CHERNYSHEV, Pavel Nikolayevich; SOROKA, Arsentiy Kirillovich; NALIVAYKO, Petr Nikolayevich; MERKEL', Ya.P., inzh., retsenzent; BRAYLOVEKIY, N.G., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Repair of cars on a conveyor; the experience of Kanash, Darnitsa, Borisoglebsk, and Nizhnedneprovsk car repair shops] Remont vagonov na konveyere; opyt Kanashskogo, Darnitskogo, Borisoglebskogo i Nizhnedneprovskogo vagonoremontnykh zavodov. Moskva, Transzheldorizdat, 1962. 155 p. (MIRA 16:1)

(Railroads--Repair shops)
(Assembly-line methods)

NALIVAYKO, V.I.; BURTSEV, Yu.A.; MANSUROVA, L.G.

Proton magnetometer for observatories. Geofiz. prib.
no.9:75-86 '61. (MIRA 15:11)
(Magnetometer)

42137

S/203/62/002/002/013/017
IO46/I236

9.6130

AUTHORS: Nalivayko, V.I., Tyurmin, A.V. and Fastovskiy, U.V..

TITLE: Field proton magnetometer Π M-5 (PM-5)

PERIODICAL: Geomagnetizm i aeronomiya, v.2, no. 2, 1962, 343-347

TITLE: The signal/noise ratio on the output of the new two-cycle paraphase amplifying circuit (see diagram) is 25:1 for a noise level that is approximately equal to the signal at the input; the total amplification factor $K=40,000$; the transmission band $\Delta F_{0.7} = 150$ cycles; wider range can be obtained by simple replacement of capacitors. The total error in measurements for 60,000 γ fields (γ the gyromagnetic ratio of the proton) is $\Delta T/T = 4.08 \cdot 10^{-3}\%$, or $\pm 2.5 \gamma$. General principles of the proton magnetometer operation are cited after Packard and Varian (Ref.1: M. Packard, R. Varian. Phys. Rev., 1954, 93, 941). There are 4 figures. 4X

ASSOCIATION: Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR (Institute of the Terrestrial Magnetism, the Ionosphere and Propagation of Radiowaves AS USSR)

SUBMITTED: January 16, 1962
Card 1/1

L 2992-66 FSS-2/EWT(1)/FS(v)-3/FCC/EWA(d) TT/GS/GW

ACCESSION NR: AT5023643

UR/0000/65/000/000/0606/0614

AUTHOR: Dolginov, Sh. Sh.; Nalivayko, V. I.; Tyurin, A. V.; Chincevoy, M. N. ⁷⁶
_{44,55 44,55 44,55 44,55 8+}

TITLE: Experiments in the world magnetic survey program

SOURCE: ⁴⁷ Vsesoyuznaya konferentsiya po fizike kosmicheskogo prostranstva. Moscow, 1965. Issledovaniya kosmicheskogo prostranstva (Space research); trudy konferentsii. Moscow, Izd-vo Nauka, 1965, 606-614.

TOPIC TAGS: geomagnetic field, geomagnetism, secular magnetic field, secular magnetic variation, artificial earth satellite, aeromagnetometer, proton magnetometer, PM ¹⁰ ₄ magnetometer, PM ¹⁶ ₅ magnetometer

ABSTRACT: A brief review is given of the various attempts to obtain a world-wide magnetic-field map. The use of artificial earth satellites to map the earth's magnetic field is shown to be the most efficient of the various methods used. For optimum efficiency in a single experiment, a satellite must have an orbit inclined to the equatorial plane by 85°, as had several of the Cosmos series. The low-number Cosmos series (such as Cosmos-26) carried proton magnetometers aboard, which essentially measure the frequency of proton-free precession in the earth's magnetic field. The disadvantages of this type of magnetometer were

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alleviated in the later Cosmos series (Cosmos-49), by using self-tuning magnetometers with logic circuits. One such device, designated PM-4, automatically selects and analyzes the optimum signal during a part of the free nuclear precession period of the proton. Two such devices on Cosmos-49, set 90° apart, had a measurement accuracy of 2-3 gauss. Magnetic field measurements were taken by both the Cosmos-26 and -49 vehicles at altitudes of 270-403 km and 270-490 km respectively, during March and October of 1964. Typical magnetograms from these measurements are shown separately. Recommendations are made for further scientific investigations with magnetic-field charts to better determine the earth's geomagnetic field and to correct the coefficients of the Gaussian series. Orig. art. has: 4 figures. [04]

ASSOCIATION: Vsesoyuznaya konferentsiya po fizike kosmicheskogo prostranstva, Moscow (All-Union Conference on Space Physics)

SUBMITTED: 02Sep65

44.55
ENCL: 00

SUB CODE: ES,SV

NO REF SOV: 005

OTHER: 004

ATD PRESS: 4/10

Card 2/2 md

SOROKIN, P.V.; NALIVAYKO, Ya.I.

Making hollow patterns for investment casting with use of compressed
gas liquid. Lit.proizv. no.7:41 Je '60. (MIRA 13:7)
(Patternmaking--Equipment and supplies)
(Precision casting)

89921

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S/191/61/000/002/011/012
B124/B204

AUTHORS: Arkhipova, Z. V., Semenova, A. S., Paramonkov, Ye. Ya.,
Nalivayko, Ye. I., Leytman, M. I.

TITLE: Determination of the solubility of polyethylene in hydro-
carbons and of the dynamic viscosity of the solutions
obtained

PERIODICAL: Plasticheskiye massy, no. 2, 1961, 61-65

TEXT: It was the purpose of the present paper to investigate the solubility
of polyethylene in various solvents, the dependence of the solution tempera-
ture of polyethylene on its molecular weight and the concentration of the
solution, as well as to measure the dynamic viscosity of the solutions
obtained and their filtering velocity. The solubility of polyethylene was
determined from the turbidity of a solution of given concentration during
observation in transmitted light by means of the device, developed by
V. N. Dyn'ko, whose schematical drawing is shown in Fig. 1. The polymer
weighed portion is conveyed into the steel container 1 and, after the

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Determination of the solubility...

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addition of a measured quantity of solvent, the lid, which is sealed by fluoroplast, is closed. The tightness of the apparatus was checked with the gas valve closed by increasing the nitrogen pressure to 7-8 atmospheres excess pressure. From an ultrathermostat, the heat-transmitting medium is conveyed into jacket 9, the valve is partly opened, and the solvent and the polymer are mixed by means of bubbling-through N_2 . The temperature was

measured by means of a thermocouple, which was connected with a portable potentiometer; the measuring accuracy was $\pm 0.5^\circ C$. The light from lamp 10 passed quartz windows 7 and incided upon the mirror 8 from which it was reflected. The solution obtained was $20-25^\circ C$ above solution temperature; when the solution was cooled, a distinct turbidity occurred, which continued to increase with dropping temperature. The temperature at which the first slight turbidity occurred was taken as solution temperature. The dynamic viscosity of the polymer solutions was measured by means of the Heller viscosimeter from formula $\mu = \tau(d_s - d_{sol}) \cdot K$, where μ is the viscosity, τ - the time of the fall of the sphere, d_s the density of the sphere, d_{sol} the

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B124/B204

Determination of the solubility...

density of the solution, and K the constant of the sphere. The measuring error is 5%. The density of polyethylene was determined in the laboratory of B. I. Sazhin. The solution temperatures of polyethylene, obtained by means of CrO_3 -catalysts, in various solvents are given in Table 1. With an increase of temperature, the solution time of polyethylene in hydrocarbons decreases, and when polyethylene concentration in the solution is changed, also the temperature of the quantitative dissolution changes (Table 2). With increasing molecular weight of polyethylene, its solution temperature increases linearly with intrinsic viscosity. The temperature dependence of the concentration of low-molecular polyethylene which remains in solution when cooled, is shown by Fig. 4, the dependence of the dynamic viscosity of the polyethylene solutions in synthol on the intrinsic viscosity is shown by Fig. 5. Professor Ye. V. Kuvshinskiy is thanked. There are 9 figures, 2 tables and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc.

Card 3/3

YALIVAYKO,
NALIVAYKO, YU. S.

Hops

On increasing the quantity of bitter substances in hops. Dokl. Ak. sel'khoz. 17,
no. 7, 1952

9. Monthly List of Russian Accessions, Library of Congress, October ¹⁹⁵² ~~1950~~. Unclassified.

1. Nalivayko, Yu. S., Prochayev, V.P.
2. USSR (600)
4. Hops
7. Practice of leaders in obtaining high yields of hops. Sov. agron. 11 no.1, 1953.

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

NALIVAYKO, Yu.S.

Basic methods of increasing the quantity of bitter principles in
hops. Dop. AN URSS no.3:193-198 '54. (MIRA 8:4)

1. Zhitomirs'ka naukovo-doslidna stantsiya khmelyarstva. Predstav-
leno deystvitel'nym chlenom Akademii nauk USSR P.A.Vlasyukom.
(Hops)

Материалы Ю.С. Карбанов

NALIVAYKO, Yu.S.; KARABANOV, Yu.V.

Effect of types of potassium fertilizers on hops drops. Dop. AN
URSR no.3:303-306 '55. (MLRA 8:11)

1. Zhitomirs'ka naukovo-doslidcha stantsiya khmel'yarstva. Pred-
staviv diysniy chlen Akademii nau, URSR P.A.Vlasyuk
(Hops) (Fertilizers and manures)

NALIVAYKO, Yu.S.

Local application of fertilizer for the hop. Trudy VNIIPP no.5:
71-79 '55. (MLRA 9:1)

(Hops) (Fertilizers and manures)

NALIVAYKO, Yu.S., kandidat sel'skokhozyaystvennykh nauk.

← [REDACTED]
Hops. Nauka i zhizn' 22 no.2:23 F '55.
(Hops)

(MIRA 8:3)

Handwritten: 11/11/56, 10.12.

USSR/Cultivated Plants - Technical Oleaceae, Sugar Plants

M-7

Handwritten: 94

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1694

Author : Yu. S. Malivayko

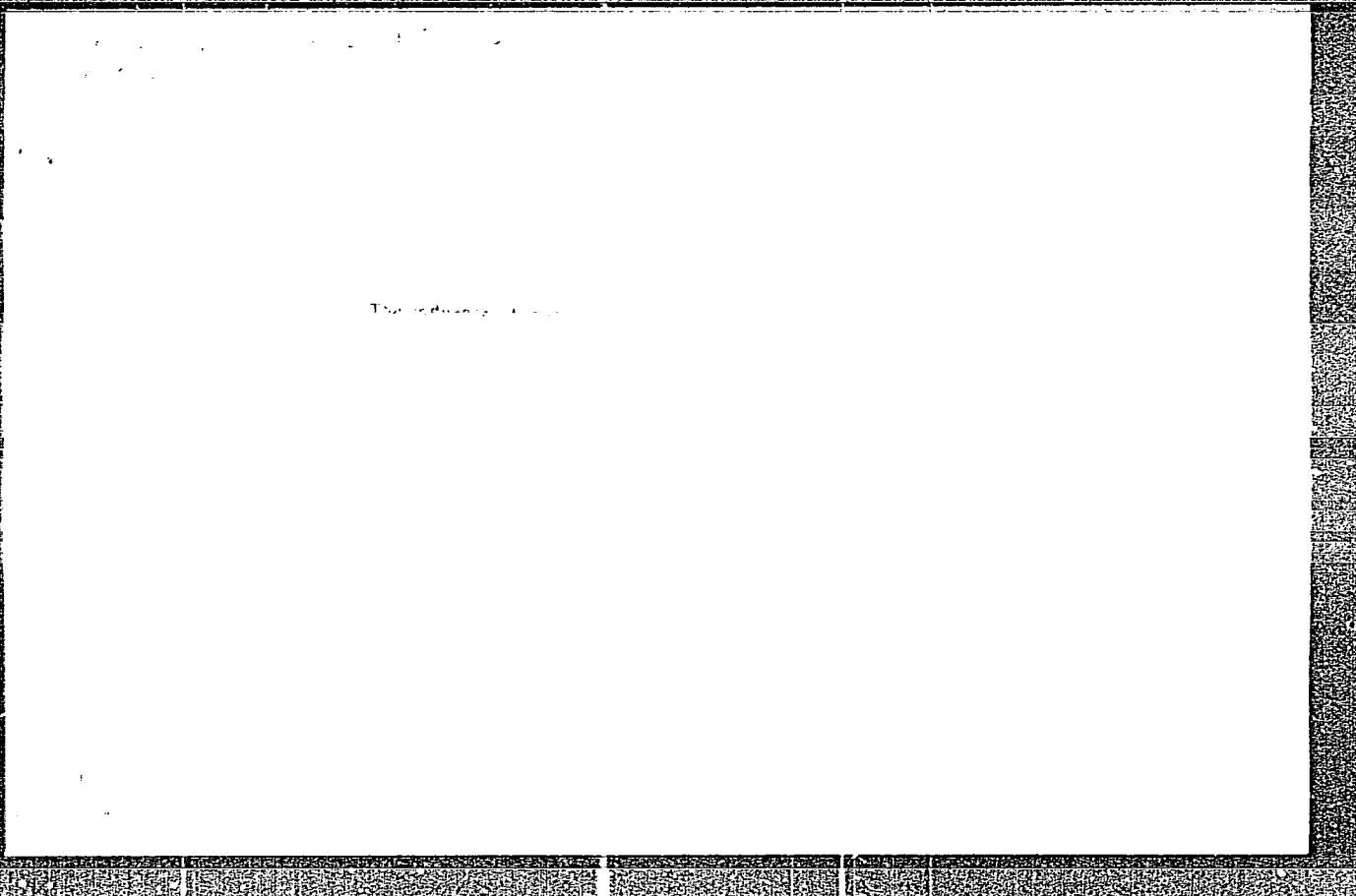
Inst : Not Given

Title : Local Application of Fertilizers Hops Cultivation

Orig Pub : Nauk. pratsi vid. sil'skogosp. nauk AN URSS, 1956, vip 4, 55-59

Abstract : At the Zhitomir Hops Cultivation Station, the local application of mineral fertilizers, particularly P_2O_5 , favorably affected the development of hops sprouts. The use of P_2O_5 mixed with humus and put into the holes before planting hops contributed to the more intensive growth of the plants and increased the yield of clusters. The introduction of N_2 mixed with phosphates did not yield positive results.

Card : 1/1



NALIVAYSKIY, Yu.

Maximum use of the Volga-Don waterway. Rech. transp. 19 no.12:5-7
D '60. (MIRA 13:12)

1. Nachal'nik Kommercheskogo otdela Volgo-Donskogo parokhodstva.
(Volga-Don Canal—Inland water transportation)

NALIVINA, T.I.

Standardization of the panel elements of closet partitions and built-in furniture for public buildings. Der. prom. 14 no.10: 4-6 0 '65. (MIRA 18:12)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektnyy institut eksperimental'nogo tipovogo projektirovaniya shkol, doshkol'nykh uchrezhdeniy i vysshikh uchebnykh zavedeniy.

NALIVKIN, A. A.

Durum wheats. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1949. 149 p.

NALIVKIN. A. A.

Hard wheat varieties. Izd. 2., dop. i perer. Moskva, Gos. ind-vo sel'khoz.
lit-ry, 1953. 191 p. (55-25097)

SB191.W5N27 1953

GINZBURG, I.V.; ROGACHEV, D.L.; ANTONYUK, Ye.S.; NALIVKIN, A.B.

Holmquistite, a mineral of the rhombic amphibole group. Izv. Kar. i
Kol. fil. AN SSSR no.5:62-76 '58. (MIRA 12:9)

1. Geologicheskiy institut Kol'skogo filiala AN SSSR.
(Holmquistite)

3(4)

AUTHORS:

Nalivkin, A. N., Spasskiy, N. N.

SOV/6-59-3-5/16

TITLE:

Tasks Confronting the Departments of the State Geodetic Supervision in the Problem of Cutting Costs of Topographic-geodetic Works (Zadachi otdelov gosudarstvennogo geodezicheskogo nadzora v dele snizheniya stoimosti topografo-geodezicheskikh rabot)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 3, pp 32-38 (USSR)

ABSTRACT:

The tasks confronting the State Geodetic Supervision are described in the present paper. Whereas in the first years of its existence the main task was that of controlling the application of the rules, an additional important task confronting the State Geodetic Supervision is now the methodical direction for the purpose of improving quality and cutting expenditures in the production of official topographic-geodetic maps. In this connection several deficiencies are pointed out. For instance, existing geodetic nets, topographic photographs and airscapes are not always utilized for the respective territories. Examples are given. Also there are organizations bent on spending the allotted moneys by all means, even though there be no need. Methods based on the utilization of aerial photographs are to be applied to a

Card 1/3

Tasks Confronting the Departments of the State SOV/6-59-3-5/16
Geodetic Supervision in the Problem of Cutting Costs of Topographic-geodetic Works

greater extent. Various organizations still refuse such progressive methods under one or another pretext. It is requested in the present paper that surveying on the ground be allowed only in those cases in which aerial photography is not possible because of determined reasons. Many organizations aim at going about their tasks in the easier way and their accounts contain incorrect and illegal data. Financial estimates are sometimes in excess of 30-40 %. The Departments of the Supervision do not sufficiently control completed works, usually only as much as 30-50 %. Cutting of expenditures for topographic-geodetic works also depends on the revision of the official norms being in force at present. The scales in surveying are to be defined accurately, in consideration of the high costs: 1 km² on a scale of 1 : 500 costs up to 80,000 rubles, on a scale 1 : 1,000 up to 40,000 rubles, on a scale 1 : 2,000 up to 20,000 rubles, on a scale 1 : 5,000 up to 8,000 rubles, on a scale 1 : 10,000 up to 4,000 rubles, and on a scale 1 : 25,000 up to 2,000 rubles (according to dated SUSN (Spravochnik ukрупnennykh smetaykh norm)(Manual of Consolida-

Card 2/3

Tasks Confronting the Departments of the State SOV/6-59-3-5/16
Geodetic Supervision in the Problem of Cutting Costs of Topographic-geodetic Works

Calculation Norms)). Surveying is often done with a far too high accuracy, which is not justified by circumstances. Any topographic-geodetic work must be allowed only on presentation of documents proving the utility of such work. Also the possibility of extending the plan in the photochemical field is to be taken into account. Caution is required in surveying territories that are to be built up within the next 10-15 years (as prescribed), as the respective large-scale maps, as is known, grow obsolete very quickly. Furthermore, the abnormal fact that the same works require different expenditures depending on the organization carrying them out, is to be eliminated. Uniform manuals and price lists are to be worked out.

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3(4), 3(5)

SOV/6-60-1-11/17

AUTHOR:

Nalivkin, A. N.

TITLE:

Measures to Improve the Organization of Topographic-geodetic Work in Geological Enterprises Should Be Realized More Quickly ✓

PERIODICAL:

Geodeziya i kartografiya, 1960, Nr 1, pp 64-69 (USSR)

ABSTRACT:

Although the geological enterprises and expeditions of the Soyuzmarkshtrest (All-Union Mine Surveying Trust) have slightly improved the realization of topographic-geodetic work in recent years, there are still some considerable shortcomings to be found. They are pointed out here by means of some examples. Progressive methods are not being applied, topographic-geodetic surveys are carried out separately from geological prospecting, or often in places where no geological investigations are planned. The extent and cost of work are often unreasonably increased, and a larger scale than is necessary is often used in the surveys. Considerable shortcomings are pointed out in the setting up of technical projects for aerial surveys and topographic-geodetic work. Most striking is an excess of markings. The quality of work does not always correspond to the specifications. Considerable shortcomings causing an increase in cost ✓

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SOV/6-60-1-11/17

Measures to Improve the Organization of Topographic-geodetic Work in Geological Enterprises Should Be Realized More Quickly

and time of work are also tolerated in the realization of geodetic work for geophysical prospecting. The inefficient supervision of this work by geological and geophysical institutions is finally pointed out. The Ministerstvo geologii i okhrany nedr SSSR (Ministry of Geology and Mineral Protection of the USSR) and the Glavgeologiya RSFSR (Main Geological Prospecting Administration of the Russian Socialist Federative Soviet Republic) took in 1959 a number of measures to eliminate the mentioned shortcomings in the topographic-geodetic work. Some examples are pointed out here. A joint outward meeting of the seksiya geologii i poleznykh iskopayemykh Ekspertno-geologicheskogo soveta Ministerstva geologii i okhrany nedr SSSR (Section of Geology and Minerals at the Geological Experts' Council of the Ministry of Geology and Mineral Protection of the USSR) and of the Ekspertno-geologicheskii sovet Glavgeologii RSFSR (Geological Experts' Council of the Main Geological Prospecting Administration of the Russian Socialist Federative Soviet Republic) was held in Leningrad in June 1959. It was attended by representatives of scientific research institutes, ✓

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SOV/6-60-1-11/17

Measures to Improve the Organization of Topographic-geodetic Work in Geological Enterprises Should Be Realized More Quickly

schools, and production organizations. According to the results of this meeting, the Minister of Geology and Mineral Protection of the USSR issued a decree on the regulation of topographic-geodetic and mine-surveying work on September 16, 1959. There is 1 Soviet reference. ✓

Card 3/3

NALIVKIN, A.V.

NALIVKIN, A.V.

Characteristics and cause of irregular growth of tourmaline crystals.
Zap.Vses.min.ob-va 84 no.3:355-361 '55. (MLRA 8:11)
(Tourmaline)

NALIVKIN, A.V.

Morphological characteristics of certain minerals as a criterion of
their metasomatic formation. Zap. Vses. min. ob-va 87 no.3:364-366
'58. (MIRA 11:10)

(Metasomatism)

BELLYAKOV, N.A. [deceased]; BUL'VANKER, E.Z.; DUBATOLOV, V.N.; YELTYSHEVA, R.S.;
KRISHTOPOVICH, A.N., [deceased]; MAKSIMOVA, Z.A.; MODZALEVSKAYA, Ye.A.;
MELESHCHENKO, V.S.; NEKHOROSHEV, V.P.; NALIVKIN, B.V.; NOVOZHILOV, N.I.;
OBRUCHEV, D.V.; RZHONSNITSKAYA, M.A.; YANOV, E.N.; SPIRINA, N.I., redaktor;
GUROVA, O.A., tekhnicheskiy redaktor

[Field atlas of characteristic complexes of fauna and flora of Devonian
deposits of the Minusinsk Basin] Polevoi atlas kharakternykh kompleksov
fauny i flory devonskikh otlozhenii Minusinskoi kotloviny, Sost. N.A.
Beliakov, i dr. Pod red. M.A.Rzhonsnitskoi i V.S.Meleshchenko, Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane neдр, 1955. 139 p.
(MLRA 9:1)

1. Leningrad. Vsesoyuznyy geologicheskii institut.
(Minusinsk Basin--Geology, Stratigraphic--Devonian)

MALIVKIN, B.V.

Pseudoplankton Pelecypoda from the Domanik strata. Dokl.AN SSSR 111
no.1:188-189 N-D '56. (MLRA 10:2)

1. Predstavleno akademikom D.V.Malivkinym.
(Ural Mountain region--Lamellibranchiata, Fossil)

NALIVKIN, B.V.

[Devonian pelecypods of the U.S.S.R.; textbook for correspondence students for raising the qualifications of foremen and engineers] Devonskie peletsipody SSSR; uchebnoe posobie dlia zaochnykh grupp povysheniia kvalifikatsii i inzhenerno-tekhnicheskikh rabotnikov. Leningrad, Leningr. gornyi in-t, 1965. 37 p. (MIRA 18:11)

NALIVKIN, D. B.

Discovery of fossils of plants in the Sarka layers of the
Bohemian Ordovician. Vest Ust geol 39 no. 1: 33-34
'64.

1. Vsesoyuzniy nauchno-issledovatel'skiy geologicheskii
Institut, Leningrad.

PRELIMINARY INDEX

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

CA

The paleozoic deposits in the valley of the Aravan River. *I. V. NALIVKIN. Trav. radium et minerats radioactifs acad. sci. U. R. S. S. II, 14-20(1935).*—The Aravan River crosses the Tyuya-Muyun ridge which contains deposits of radioactive minerals on the walls of many of its caves. The massif of the ridge consists of Silurian, Devonian and Carboniferous rocks. The specific radioactive minerals which are found in the walls of the caves are discussed in another paper. A. C. NOK

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ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

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10-12-48

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mary); Chem. Abstracts, 37, 5341 (1943). — The Ural
bauxites are divided into diaspore and gibbsite types, the
former from sea deposits and the latter from fresh water
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DLC: DK861.T3A13

SO: LC, Soviet Geography, Part II, 1951, Unclassified

IV ALIVKIN, D.V.

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[Paleontology of the U.S.S.R.] Paleontologiya SSSR. Moskva, Izd-vo Akad.nauk SSSR. Vol.3, pt.2, no.1. Nekhoroshev, V.P., [Devonian Bryozoa of the Altai Territory] Devonskie mshanki Altaia. 1948. 172 p. 48 p. of illus. (MIRA 10:7)

1. Direktor Paleontologicheskogo instituta (for Orlov)
(Altai Territory--Polyzoa, Fossil)

HALIVKIN, D. V.

Ural Mountains - Geology

Limit of the Tournaisian and Viséan formations in the Urals and methodology of ascertaining it. Mat.Geol.inst. 5 1948.

9. Monthly List of Russian Accessions, Library of Congress, October 195². Unclassified.

NALIVKIN, D., akademik; PETROV, L., professor.

[Our petroleum] Nasha neft'. Moskva, Gos. izd-vo Detgiz, 1949. 98 p.
(MLRA 7:3)

(Petroleum)

MALIVKIN, D. I. PETROY, P.

26237 Podzemnaya geografiya nefti. 111. 0. Bryantseva. vekrug sveta, 1949,
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NALIVKIN, D. V.

Turkmenistan - Geology

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NALIVKIN, D. V.

PA 190T58

USSR/Geology - Irrigation

May 51

"On the Takhia-Tash Plateau," Acad D. V. Nalivkin

"Nauka i Zhizn" Vol XVIII, No 5, pp 21-23

Describes dam, being built on the plateau of Takhia-Tash, which will be several km in length. Designed to utilize waters of Amu-Dar'ya for irrigational network of the deserts of Turkmenia, Uzbekistan and Kara-Kalpakia. Turkmenia canal will provide main navigational artery.

190T58

ANDRIKIN, Dmitrii Vasil'evich, 1889-

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maps.

1. Petroleum - Russia. I. Petrov, L., et. au.

NALIVKIN, D. V.

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I. V. Mushketov and geographic geology. *Izv. Vses. geog. obshch.*, 84, No. 3, 1952.

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

NALIVKIN, D. V.

Sovětskie liudi preobrazuiut pustynir tsvetushchii kraj [Soviet people will transform the wilderness into a flourishing region]. Moskva, Gospolitizdat, 1953, 68 p.

SO: Monthly List of Russian Accessions. Vol. 6 No. 8 November 1953