MAKARENKO, F. A.

Mbr., Lab. of Hydrogical Problems im. F. P. Savarenskiy, Dept. Geol-Geog. Sci., Acad. Sci., -c1950-.

Hydrology.

"Caucasian Mineral Waters,"

SO: Vest. Nauk SSSR, No. 7, 1948;

"Determination of the Modulus and Mapping of Ground-Water Resources,"

SO: Dok. AN, 74, No. 5, 1950.

MAKARENKO, F. A.

Makarenko, F. A. "On the classification of stocks and reserves of ground waters", Trudy Laboratorii gidrogeol. problem im. akad. Severtsova-a (Akad. nauk SSSR, Otd-niye geol.-geogr. nauk), Vol. III, 1948, s. 67-85, - Bibliog: 14 titles.

SO: U-2538, 12 Feb. 53, (Letop is' Zhurnal 'nykh Statey, No. 2, 1949).

MAKARENKO, F.A.

Geothermal conditions in the Caucasian mineral water region.
Trudy Lab.gidrogeol.probl. 1:171-211 '48. (MLRA 9:9)

(Caucasus--Mineral waters)
(Caucasus--Earth temperature)

MAKARENKO, F.A.

Underground feeding of rivers. Trudy Lab.gidrogeol.probl. 1: 67-71 '48. (MLRA 9:9)

(Rivers) (Water, Underground)

MAKARENKO, F.A.

Some results of studying underground flow. Trudy Lab.gidrogeol. probl. 1:51-66 '48. (MLRA 9;9)

(Water, Underground)

MAKARENKO, F. A. Fedor Alekseyevich

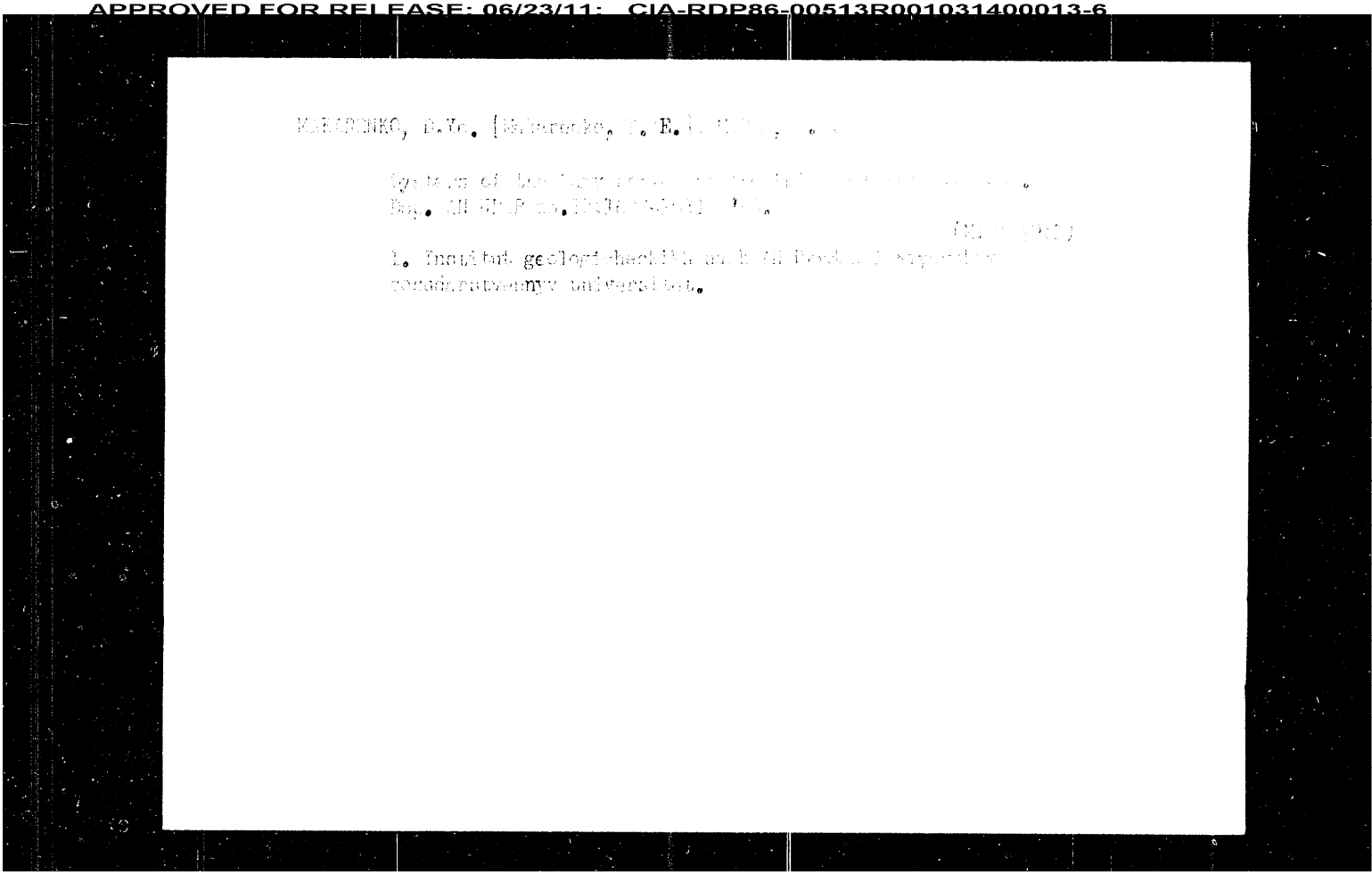
Mbr. Laboratory of Hydrogeological Problems im. F. P. Savarenskiy, Acad. Sci. (-1947-)

"Regularities in the Subsurface Feeding of Rivers," Dok. AN, 57, No. 3, 1947

MAKARENKO, F.

Status of young activists. Voen.znan. 25 no.6:2 Je '49.
(MIRA 12:12)

1. Zaveduyushchiy voyenno-fizkul'turnym otdelom Tatarskogo obkoma Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi.
(Tatar A.S.S.R.--Military education)



MAKARENKO, D. Ye. [Makarenko, D. IE.]

Some new and little known molluscs from Paleozoic sediments of the U.S.S.R. Geol. zhur. 23 no.4[illegible]0-99'63 (MIRA 17:8)

1. Institut geologicheskikh nauk AN UkrSSR.

MAKARENKO, D.Ye. [Makarenko, D.IE.]; ZELINSKAYA, V.O. [Zelins'ka, V.O.]

Conference on Paleogene stratigraphy. Geol. zhur. 23 no.5: 108-110 '63. (MIRA 16:12)

MAKARENKO, D.Ye. [Makarenko, D.IE.]

Stages of the Paleogene system in the European part of the U.S.S.R.
Geol.zhur. 23 no.3:120-121 '63. (MIRA 16:9)

1. Institut geologicheskikh nauk AN UkrSSR.
(Geology, Stratigraphic)

ZERNETSKIY, B.F.; MAKARENKO, D.Ye.

Zone with Variamussium fallax Korob. in the Paleogene of the Crimean-Carpathian area. Dokl. AN SSSR 139 no.4:950-951 Ag '61. (MIRA 14:7)

1. Institut geologicheskikh nauk AN USSR. Predstavleno akademikom A.L. Yanshinym.
(Uzhok region--Paleontology, Stratigraphic)
(Tarkhankut, Cape--Paleontology, Stratigraphic)

MAKARENKO, D.Ye [Makarenko, D.IE.]

Stratigraphic division of the Maikop sediments in the Crimea. Geol. zhur. 21 no.3:93-97 '61. (MIRA 14:7)

1. Institut geologicheskikh nauk AN USSR.
(Crimea--Geology, Stratigraphic)

MAKARENKO, D. YE.

AYZENVERG, D.Ye. [Aizenverg, D.IE.]; BARANOVA, N.M.; VEKLICH, M.F.; GOLYAK, L.M. [Holiak, L.M.]; GORAK, S.V. [Horak, S.V.]; DIDKOVSKIY, V.Ya. [Didkovs'kyi, V.IA.]; ZELINSKAYA, V.O. [Zelins'ka, V.O.]; ZERNETSKIY, B.F. [Zernets'kyi, B.F.]; KAPTARENKO-CHERNOUSOVA, O.K.; KRAYEVA, Ye.Ya. [Kraieva, IE.IA.]; KRASHENINNIKOVA, O.V.; KUTSIBA, A.M.; LAPCHIK, T.Yu.; MAKARENKO, D.Ye.; MOLYAVKO, G.I. [Moliavko, H.I.]; MULIKA, A.M.; PASTERNAK, S.I.; PERMYAKOV, V.V.; ROMODANOVA, A.P.; ROTMAN, R.N.; SLAVIN, V.I.; SOKOLOVSKIY, I.L.; SOROCHAN, O.A.; SYABRYAY, V.T.; TKACHENKO, T.O.; SHUL'GA, P.L. [Shul'ha, P.L.], doktor geol.-mineral.nauk; YAMNICHENKO, I.M. [IAmnychenko, I.M.]; BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik, otv.red.

[Atlas of paleogeographical maps of the Ukrainian and Moldavian S.S.R. with lithofacies elements. Scale 1:2,500,000] Atlas paleogeograficnnykh kart Ukrains'koi i Moldavs'koi RSR z elementamy litofatsii. Masshtab 1:2,500,000. Sklaly D.IE. Aizenverg i dr. Za zahal'nym kerivnytstvom V.N.Bondarchuka. Kyiv, 1960. xvi p., 78 col.maps. (MIRA 13:12)

1. Akademiya nauk USSR, Kiyev. Institut geologicheskikh nauk. 2. Institut geologicheskikh nauk AN USSR (for all, except Bondarchuk, Pasternak, Slavin). 3. Instytut geologii korysnykh kopalyn AN URSR (for Pasternak). 4. Moskovskiy gosudarstvennyy universitet im. Lomonosova (for Slavin).
(Ukraine--Paleogeography--Maps) (Moldavia--Paleogeography--Maps)

The First Find of Nerinea Inkermanica sp. n. From the Monskiy Stage of the Crimea

SOV/20-124-1-54/69

If one considers the sediments of this Stage as the lowermost Paleogene member, as most research workers do, then the distribution boundary of Nerineidea will be transferred from Mesozoic into the Cenozoic. In conclusion the new species is described and illustrated (Fig 1). The most closely related form is Nerinea genesha Neutl. from the Maastrichtian of India (Ref 1). It is probable that the Nerinea species, which inhabited the Upper Cretaceous and Lower Tertiary Tethys seas, were distributed only in the southern seas, in the region of India and adjoining lands, before the decline of their existence. There are 1 figure and 1 reference.

ASSOCIATION: Institut geologicheskikh nauk Akademii nauk USSR (Institute for Geological Sciences of the Academy of Sciences, UkrSSR)

PRESENTED: July 24, 1958, by S. I. Mironov, Academician

SUBMITTED: June 23, 1958

Card 2/2

3(0)

AUTHOR: Makarenko, D. Ye. SOV/20-124-1-54/69

TITLE: The First Find of Nerinea Inkermanica sp. n. From the Monskiy Stage of the Crimea (Pervaya nakhodka Nerinea inkermanica sp. n. iz monskogo yarusa Kryma)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 1, pp 191-192 (USSR)

ABSTRACT: The author found the new mollusk species mentioned in the title in loosely consolidated, yellow Paleocene limestone in the vicinity of the city Inkerman. This stands in contradiction to the widespread opinion that the family Nerineidae Zittel occurs only in the Mesozoic. In addition to this new species mollusk remains characteristic of the Monskiy Stage were found. A second occurrence of remains of this new species was found during a Paleocene excursion of the Otdel geologo-geograficheskikh nauk AN SSSR (Department of Geological-Geographical Sciences of the AS USSR) in similar limestones of the Monskiy Stage. Consequently, it is to be found everywhere in the Crimea where sugary, yellow limestones of the Monskiy Stage occur.

Card 1/2

MAKARENKO, D.Ye. [Makarenko, D.IE.]

Paleocene deposits of the northwestern part of the Ukrainian crystalline shield. Geol.zhur. 19 no.1:47-56 '59.
(MIRA 12:2)

(Ukraine--Sediments (Geology))

SOV/21-59-5-13/25

Inkerman Deposits of the Monsian Stage

Cretaceous fauna, the Monsian stage should be considered as a lower palaeogene subdivision. About 70% of the mollusk species found in the Monsian stage deposits in the Crimea are similar to those found in Western Europe. This being so, the author makes an assumption that in the Monsian era there might have been a sea connection between Western and Eastern Europe. There is 1 cross section and 4 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

PRESENTED: By V.G. Bondarchuk, Member of the AS UkrSSR

SUBMITTED: January 7, 1959

Card 2/2

3(5) SOV/21-59-5-13/25

AUTHOR: Makarenko, D.Ye.

TITLE: Inkerman Deposits of the Monsian Stage

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1959, Nr 5, pp 508-512 (USSR)

ABSTRACT: In the Ukraine, the faunistically identified deposits of the Monsian stage are known only in the Crimea. The most complete Monsian section with all its lithological varieties is located at the Inkerman Monastery, at Sevastopol', where it is about 25 m thick. The author lists three lithological varieties of that section. Another body of the Monsian stage is located at the village of Tankovo, on the Bel'bek river, where it is about 30 m thick. However, its mollusk fauna is not as well preserved as that at the Inkerman Monastery. The Inkerman deposits of the Monsian stage are faunistically identified as typical for the southern part of the USSR. Inasmuch as the mollusk fauna is closer to the Tertiary than to the

Card 1/2

MAKARENKO, D.Ye.

Review of the stratigraphic position of the Lettorian stage in Germany. Geol. zhur. 18 no. 2:100-103 '58. (MIRA 11:7)
(Germany--Geology, Stratigraphic)

MAKARENKO, D.

Session of the Department of Geological and Geographical Sciences of the Academy of Sciences of the Ukrainian S.S.R. Geol. zhur. 18 no.1:108-109 '58. (MIRA 11:5)
(Geology) (Geography)

SOV/21-58-10-20/27

The First Find of Pleurotomaria Tadgikistanica Miron. in Tenetian Stage Deposits of the Crimea

gives the first paleontological description of this species. There are 2 photos and 3 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, V.G. Bondarchuk

SUBMITTED: March 19, 1958

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

1. Geology--USSR 2. Biology 3. Paleoecology

Card 2/2

AUTHOR: Makarenko, D.Ye. SOV/21-58-10-20/27

TITLE: The First Find of Pleurotomaria Tadgikistanica Miron. in Tenetian Stage Deposits of the Crimea (Pervaya nakhodka Pleurotomaria tadgikistanica Miron. v otlozheniyakh Tenetskogo yarusa Kryma)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 10, pp 1114-1116 (USSR)

ABSTRACT: Pleurotomaria tadgikistanica Miron. was discovered in the Tenetian stage deposits of the Crimea (at the village of Tankovoye on the right bank of the Bel'bek, at the village of Ushchel'noy on the right bank of the Kachi, at the village of Alëshino on the left bank of the Bodrak). This species makes it possible to correlate the deposits of the Tenetian stage of the Crimea with the Bukhara stage of Central Asia. This gastropod was found by L.V. Mironova for the first time in deposits of the Central Asian Buhkara stage but was not described in literature; in a book by I.A. Korobkov [Ref 2] there is only 1 photo of this species taken from Mironova's data. The present paper

Card 1/2

SOV-21-58-9-20/29

Paleogene Deposits of the Village of Krasnaya Polyana, Starobelin Rayon, Stalino Oblast'

thor discovered Cuspidoria tricostata Slod., which was described for the first time by V.S. Solodkevich /Ref.4/, in the Pologi sandstones. This species was first found in the Upper Eocene deposits of the Luganchik river in the outskirts of the Donbass. Hence the author concludes that the Pologi sandstones are also of Upper Eocene age. There are 5 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, V.G. Bondarchuk

SUBMITTED: March 19, 1958

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration

1. Geology 2. Geological time--Determination 3. Paleoecology

Card 2/2

AUTHOR: Makarenko, D.Ye. SOV-21-58-9-20/28

TITLE: Paleogene Deposits of the Village of Krasnaya Polyana, Staromlinovskiy Rayon, Stalino Oblast' (Paleogenovyye otlozheniya sela Krasnoy Polyany, Staromlinovskogo rayona, Stalinskoy oblasti)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 9, pp 992 - 994 (USSR)

ABSTRACT: A nautilus cast was found by A.G. Dubinchik, a scientific worker of the Nauchno-issledovatel'skiy geologo-razvedochnyy institut zolota (Research Institute of Gold Prospecting (Moscow), in an outcrop of gravelly, kaolinized sands at the village of Krasnaya Polyana on the Mokryye Yaly river. In the author's opinion, it belongs to the species Nautilus ucrainicus Macar. Casts of this mollusk are freqently encountered in Upper Eocene deposits of the Ukrainian crystalline shield. The new site of Paleogene deposits within the Konka-Yaly depression outlines more correctly the extension of the Upper Eocene Sea. Pologi sandstones, known in literature as containing poorly preserved mollusk fauna, are of the same age as the sands containing the nautilus. The au-

Card 1/2

21-1-13/26

On the Stratigraphy of Paleogene Deposits in the Olevsk District of the Zhitomir Region

SUBMITTED: 18 March 1957

AVAILABLE: Library of Congress

Card 3/3 1. Geology 2. Paleoecology

On the Stratigraphy of Paleogene Deposits in the Olevsk District of the Zhitomir Region

vicinity of the villages Pergi and Yurovo, are represented by siliceous glauconitic sandstones with mollusk fauna in the form of the cores and imprints of the following fossils: Spondylus cf. bifrons Munst., Pseudamussium corneum Sow., Pecten sp. indet., Cardita sp. indet., Tomyris ucrainae Mich. These sandstones are replaced by heterogranular glauconitic sands at their lower boundary.

The deposits of the Khar'kov series were discovered southwest of the village Rudnya Perzhanskaya. They were associated with a buried valley, and consist of green glauconitic, micaceous sands containing no fauna. They overlie continental clays and erosional crust.

The article contains 1 geologic columnar section and 1 Ukrainian reference.

ASSOCIATION: Institute of Geological Sciences (Instytut heolohichnykh nauk) of the Ukrainian Academy of Sciences

PRESENTED: By Academician of the Ukrainian Academy of Sciences V.G. (V.H.) Bondarchuk

Card 2/3

AUTHOR: Makarenko, D.Ye. 21-1-13/26

TITLE: On the Stratigraphy of Paleogene Deposits in the Olevsk District of the Zhitomir Region (K stratigrafii paleogenovykh otlozheniy Olevskogo rayona, Zhitomirskoy oblasti)

PERIODICAL: Dopovidi Akademii Nauk Ukrains'koi RSR, 1958, # 1, pp 59-61 (USSR)

ABSTRACT: In connection with the search for alluvial deposits in the northern part of the Ukrainian crystalline shield which has been carried out during recent years, the problem of the stratigraphy of Paleogene deposits becomes more and more important. In 1952, during a geologic survey, Upper-Eocene deposits were discovered at the village of Zamyslovichi. In 1956, the Pergi geologic-prospecting team of the USSR Ministry of Non-Ferrous Metallurgy detected new locations with marine Paleogene deposits. The study of these deposits enabled the author of the present article to establish their stratigraphic classification. Marine Paleogene deposits of the Kiyev and Khar'kov series were discovered in the Olevsk district, where small islands overlie the erosional crust of crystalline rocks and underlie Quaternary deposits.

The deposits of the Kiyev series, discovered in the

Card 1/3

MAKARENKO, D.Ye.

Crab remains from paleogene deposits in the Crimea. Geol.zhur. 16 no.3:74-76 '56. (MLRA 9:11)
(Crimea--Crabs, Fossil)

MAKARENKO, D.Ye.; ZELINS'KA, V.O.

Discovery of fauna in deposits of the Poltavian stage in the Kiev environs. Geol.zhur. 16 no.1:72-74 '56. (MLRA 9:8)
(Kiev--Paleontology, Stratigraphic)

MAKARENKO, D.Ye.

New finds of Nautilidae in lower tertiary deposits of the Ukrainian S.S.R. Dop.UN URSR no.2:162-168 '56. (MLRA 9:12)

1. Institut geologichnikh nauk Akademii nauk URSR. Predstavleno akademikom Akademii nauk USSR V.G. Bondarchukom.
(Ukraine--Tetrabranchiata, Fossil)

MAKARENKO, D. Ye.

MAKARENKO, D. Ye. - "The molluscs of the Lower Tertiary deposits of the northwe tern portion of the Ukrainian crystalline massif". Kiev, 1955. Acad Sci Ukrainian SSR. Inst of Geological Sciences. (Dissertation for the Degree of Candidate of Geologicomineralogical Sciences.)

SO: Knizhnaya Letopis' No. 46, 12 November 1955. Moscow

MAKARENKO, A.S.

Protecting wet gas holders from corrosion. Neftepер. i neftekhim.
no.8:29-31 '64. (MIRA 17:10)

1. Novo-Yaroslavskiy neftepererabatyvayushchiy zavod.

[illegible], GENN STEPANOVICH

[illegible] to live: flight on the battleships. Moscow, Foreign Language Publishing House, 1959.

[illegible] p.

Translated from the Russian: Plavaniye na battleykakh, Moskva, 1959.

Added title page in Russian.

MAKARENKO, A. S.

Moral Education

Learning to work as a part of rearing. Rad.zhin. 7, No. 8, 1952.

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

MIKHOVICH, Anatoliy Ignat'yevich, kand. sel'khoz. nauk;
MAKARENKO, Aleksey Nikonovich, kand. geol.-min.
nauk; Prinimali uchastiye: SLADKIY, A.S., kand.
sel'khoz. nauk; [illegible], I.I., kand. sel'khoz.
nauk; PLACHCHEV, A.V., kand. geogr. nauk; KOLCHANOV,
A.A., red.

[Veliko-Anadol' forest and ground waters] Veliko-Anadol'skie
les i gruntovye vody. Moskva, Lesnaia promyshl., 1964.
260 p. (MIRA 18:2)

MAKARENKO, A.L.

Organize the wintering of cattle efficiently. Veterinariia 41 no.1:10-12 Ja '65. (MIRA 18:2)

1. Glavnyy veterinarnyy vrach Belotserkovskogo rayona, Kiyevskoy oblasti.

TROSHIN, N.F., inzh.; MAKARENKO, A.K., inzh.

Determining the optimum length of time for the cooling of molds after casting. Stal' 23 no.2:187-188 F '63. (MIRA 16:2)

1. Zaporozhskiy staleplavil'nyy zavod.
(Ingot molds—Cooling)

MAKARENKO, A.I.

Twenty-seventh All-Union Congress of Surgeons. Voen.-med.zhur. no.91-93 Ag '60. (MIRA 14:7)
(SURGERY--CONGRESSES)

MAKARENKO, A. I.

Laparotomy technic. Khirurgiia, Moskva. no. 9:75-76 Sept. 1950.
(CLML 20:1)

1. Lt-Col, Medical Corps and Candidate Medical Sciences.

MAKARENKO, A. I.

24410 MAKARENKO, A. I. O narusheniyakh funktsiy zholudochno-kishechnogo soust'ya posle raneniya zheludka. Trudy Nav. voyen. Gospitalya Voyenm. Sil. SSSR. im. Akad. Burdenko. T. 7, 1949, s. 107-12.

SO: Letopis, No. 32, 1949.

MAKARENKO, A.A.

Accretion of the root systems of pine in the dry pine forests of northern Kazakhstan. Agrobiologiia no.4:623-624 Jl-Ag '54. (MLRA 7:12)

1. Kazakhskiy nauchno-issledovatel'skiy institut lesnogo khozyaystva, g.Shchuchinsk, TSelinnyy kray.

MAKARENKO, A.A.

Accretion of root systems in pine forests of the Kazakh Peneplain. Agrobiologiia no.6:939-941 N-D '62. (MIRA 16:1)

1. Kazakhskiy nauchno-issledovatel'skiy institut lesnogo khozyaystva, g. Shchuchinsk, TSelinnyy kray.
(Kazakhstan--Pine) (Roots (Botany))

Automatic welding of...

matic and manual welding. In automatic welding, wire Св-0Х18Н9 (Sv-0Kh18N9) or Св-1Х18Н9Т (Sv-1Kh18N9T) and flux АН-26 (AN-26) are used. Detailed welding conditions are tabulated. The welding speed of longitudinal and circular joints may vary within 19 - 77 m/hour. The operational speed of the trolley and the roller stand is 11 m/min. The weld joints were subjected to a number of tests and showed satisfactory properties. Due to the higher heating and cooling rate in automatic welding, the corrosion resistance of the joints was raised. The assimilation of the new method at the Slavyansk Machinebuilding Plant "Koksokhimmash" reduced labor consumption and production costs. There are 4 tables and 1 figure.

ASSOCIATION: Slavyanskiy mashinostroitel'nyy zavod "Koksokhimmash" (Slavyansk Machinebuilding Plant "Koksokhimmash")

S/135/62/000/005/004/007
A006/A101

AUTHOR: Makarenko, A. A., Engineer

TITLE: Automatic welding of 1Kh18N9T (1Kh18N9T) steel chemical equipment

PERIODICAL: Svarochnoye proizvodstvo, no. 5, 1962, 21 - 24

TEXT: Information is given on equipment and technology of submerged-arc automatic-welding chemical equipment. This process is carried out on a multi-purpose unit with an automotive pillar-type trolley (see figure). It is equipped with roller stand I, pillar-trolley platform II, column with balcony III and welding equipment IV. The roller stand is intended to rotate long cylindrical parts of 600 - 3,000 mm in diameter up to 10 ton weight. The trolley platform moves the column with the welding device along the roller stand. The welding equipment consists of tractor АДС-1000-2 (ADS-1000-2) with a distributing device, welding generator ПСМ-1000 (PSM-1000) with ballast rheostats ПБ-300 (PB-300). The welding tractor is power-supplied from three parallel-connected ballast rheostats, which are used for manual welding. This scheme of connecting the tractor to the generator makes it possible to use the generator for both auto-

Card 1/3

MAKARENKO, A.A., inzh.

Eight-spot welding machine for the welding of wire fabric filter elements. Svar. proizv. no.4:40-41 Ap '61. (MIRA 14:3)

1. Slavyanskiy mashinostroitel'nyy zavod "Koksokhimmash."
(Electric welding--Equipment and supplies)
(Wire netting--Welding)

MAKARENKO, A.A., inzh.

Automatic welding of the external joints in the shell of a pitch-coke gas collector. Svar.proizv. no.8:31-32 Ag '60. (MIRA 13:7)

1. Slavyanskiy zavod koksokhimicheskogo oborudovaniya.
(Gas holders--Welding)

MAKARENKO, A.A. (Cherkassy)

Advanced form of the organization of continuous production lines.
Shvein.prom. no.6:4-6 N-D '62. (MIRA 15:12)
(Assembly-line methods)
(Cherkassy--Clothing industry)

L 8382-65

ACCESSION NR: AP4048784

them had resorbed a certain amount of mercury. It is recommended that the use of mercury be eliminated by producing alpha-aminoanthraquinone from alpha-nitroanthraquinone.

ASSOCIATION: Kafedra gigiyeny* truda Pervogo Moskovskogo ordena Lenina meditsinskogo instituta im. I. M. Sechenova (Department of Labor Hygiene, First Moscow Order of Lenin Medical Institute); Novosibirskiy nauchno-issledovatel'skiy sanitarny*y institut (Novosibirsk Scientific Research Sanitation Institute)

SUBMITTED: 08Jan64 ENCL: 00 SUB CODE: GC, LS

NO REF SOV: 005 OTHER: 000 JPRS

Card 2/2

L 8382-65 EWI(m)/EPF(c)/EWP(j) Pc-4/Pr-4/Pa-4 RPL RM

ACCESSION NR: AP4048784 S/0140/64/000/007/0031/0034

AUTHOR: Makarenko, A. A.

B

TITLE: Improvement of hygienic conditions of labor in the production of alpha-aminoanthraquinone

SOURCE: Gigiyena i sanitariya, no. 7, 1964, 31-34

TOPIC TAGS: alpha-aminoanthraquinone, anthraquinone, alpha-sulfonic acid, mercury, industrial hygiene

Abstract: At present alpha-aminoanthraquinone is produced from anthraquinone alpha-sulfonic acid. In the synthesis of the latter from anthraquinone, mercury is used as a catalyst. An investigation conducted at an industrial plant where this method of producing alpha-aminoanthraquinone is applied indicated that a dangerous amount of contamination with mercury existed at the plant and that some workers had symptoms of mercury poisoning. Analyses of urine showed that some workers were poisoned with mercury and that all of

Card 1/2

GOL'DBERG, A.I., dotsent; MAKARENKO, A.A.; KONDRATSKAYA, G.F.; KRIKUNENKO, G.V.

Therapeutic and prophylactic effects of various doses of vitamin B_{12} in megaloblastic and macrocytic forms of agastic anemias. Terap.arkh. 31 no.8:17-21 Ag '59. (MIRA 12:11)

1. Iz kafedry gospital'noy terapii (zav. - prof. A.A. Kovalevskiy) i kafedry patofiziologii (zav. - prof. D.I. Gol'dberg) Tomskogo meditsinskogo instituta.

(VITAMIN B_{12} therapy)
(ANEMIA, HYPERCHROMIC therapy)
(GASTERCTOMY complications)

MAKARENKO, A.A. (pos.Barmashinc, TSelinnyy kray)

In Kazakhstan. Priroda 51 no.6: 128 Je '62. (MIRA 15:6)
(Kazakhstan, Frost)

MAKARENKO, A.A., inzh.

Modernization of liquid-fuel torche used in metal cutting with low-pressure oxygen. Svar. proizv. no.8: 35-37 Ag '65. (MIRA 18:8)

1. Slavyanskiy mashinostroitel'nyy zavod "Koksokhimmash".

MAKARENIYA, A.A., kand. khim. nauk; ZAVLIN, P.M., kand. khim. nauk; RAZUMOVSKIY, V.V., prof., red.

[Chemistry textbook] Uchebnoe posobie po khimii. Leningrad, Leningr. elektrotekhn. in-t sviazi, 1964. 134 p. (MIRA 18:7)

MAKAREK, L. J.

Category: Czechoslovakia / Physical Chemistry
Thermodynamics. Thermochemistry. Equilibrium. Physico-chemical Analysis. Phase transitions. B-8

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 29960

Author : Machacek Z., Lanikova J. Makarek
Inst : not given
Title : Solubility of Vinyl Chloride in Organic Solvents

Orig Pub: Chem. listy, 1954, 48, No 2, 276-279

Abstract: Determination of the solubility of $CH_2 = CHCl$ in tetrahydrofurane, $HCON(CH_3)_2$, CH_3CHCl_2 and methyl cyclohexanone, by means of a special apparatus and in accordance with the method of a liquid film passing through a gas. The results obtained at 20, 30, 40, 50° are tabulated.

Card : 1/1

MAKARCZYK, Z.

The problems of motorization and road transportation. p.118
(MOTORYZACJA, Vol. 12, No. 5, May 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

MAKARCHUK, V.N., inzh.

Results of an experimental investigating of hydraulic losses in two-reactor reverse-stroke hydrodynamic torque converters. Gidr. mash. i gidr. no.1:166-171 '65. (MIRA 18:12)

1. Khar'kovskiy filial Instituta mekhaniki AN UkrSSR.

MAKARCHUK, V.N., inzh.

Internal processes in a reverse two-reactor hydraulic torque converter. Vest.mashinostr. 46 no.1:28-31 Ja '66. (MIRA 19:1)

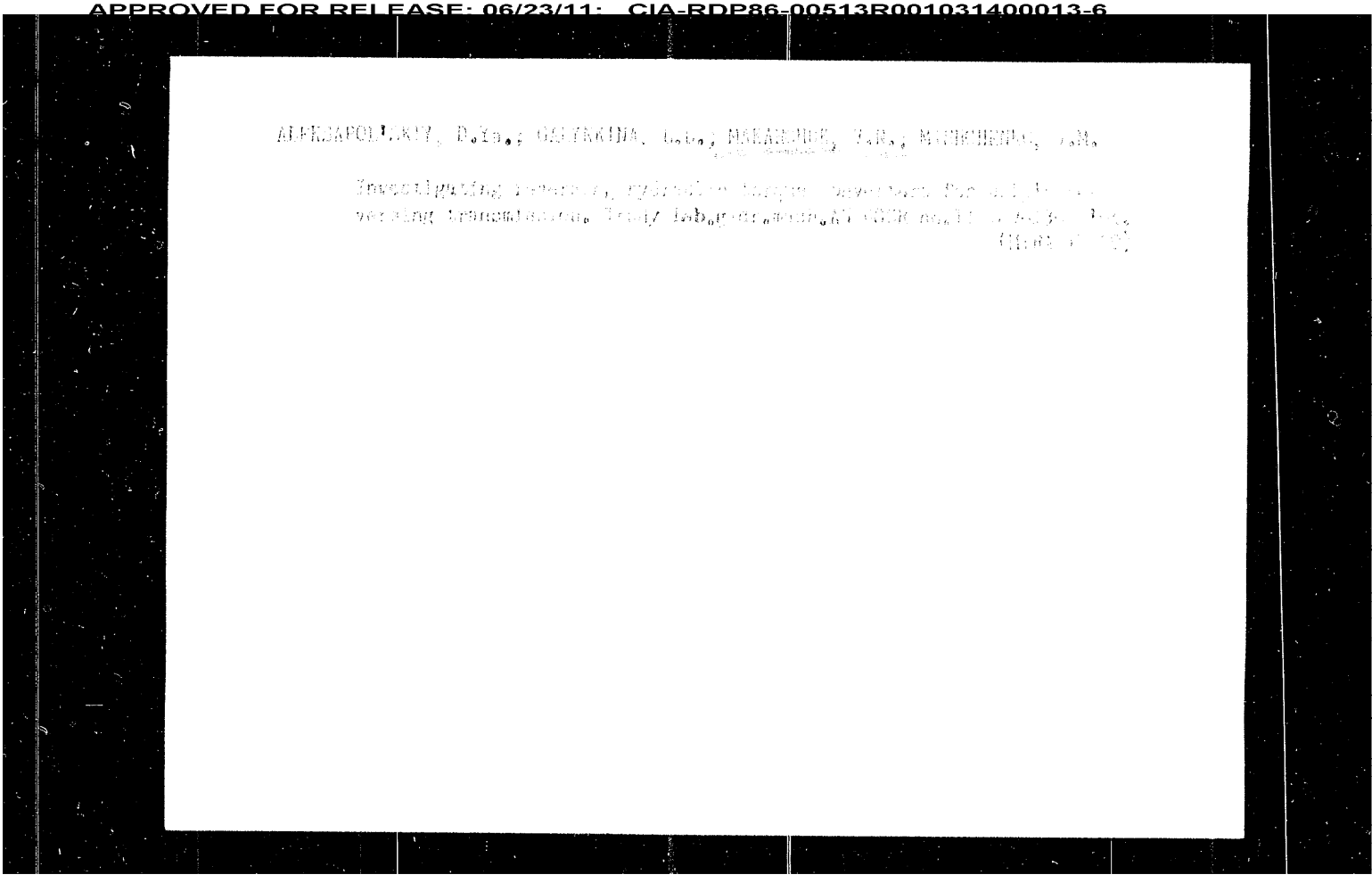
ALEKSAPOL'SKIY, D.Ya., kand.tekhn.nauk, dotsent; MAKARCHUK, V.N., inzh.

Velocity field in the interwheel gap of a two-reactor reverse operating hydraulic torque converter. Izv.vys.ucheb.zav.; energ. 8 no.3:96-102 Mr '65. (MIRA 18:4)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina (for Aleksapol'skiy). 2. Khar'kovskiy filial Instituta mekhaniki AN UkrSSR (for Makarchuk). Predstavlena kafedroy gidravlicheskikh mashin Khar'kovskogo politekhnicheskogo instituta.

MAKARCHUK, V.N.

Calculating reversing hydraulic torque converters of a marine gas-turbine unit. Trudy Lab.gidromash.AN USSR no.11:137-146 '62.
(MIRA 17:10)



MAKARCHUK, V.N., inzh.

Results of the experimental tests of the operating process of a reversed hydraulic torque converter. Izv. vys. ucheb. zav.; energ. 7 no.8:89-98 Ag '64. (MIRA 17:12)

1. Khar'kovskiy filial instituta mekhaniki AN UkrSSR.

GALYNKINA, L. D., inzh; MAKARCHUK, V. N., inzh.

Experimental study of the power characteristics of the flow of a reverse running hydraulic torque converter. Izv. vys. ucheb. zav.; energ. 7 no.5:93-98 My '64. (MIRA 17:7)

1. Laboratoriya gidravlicheskikh mashin AN UkrSSR. Predstavlena Uchenym Sovetom laboratorii.

ALEKSAPOL'SKIY, D.Ya., kand.tekhn.nauk; GALYNKINA, L.D., inzh.; MAKARCHUK, V.N., inzh.; MISHCHENKO, V.M., inzh.

Backing run torque converter for marine reverse gear. Sudostroenie 29 no.7:23-27 Jl '63. (MIRA 16:9)

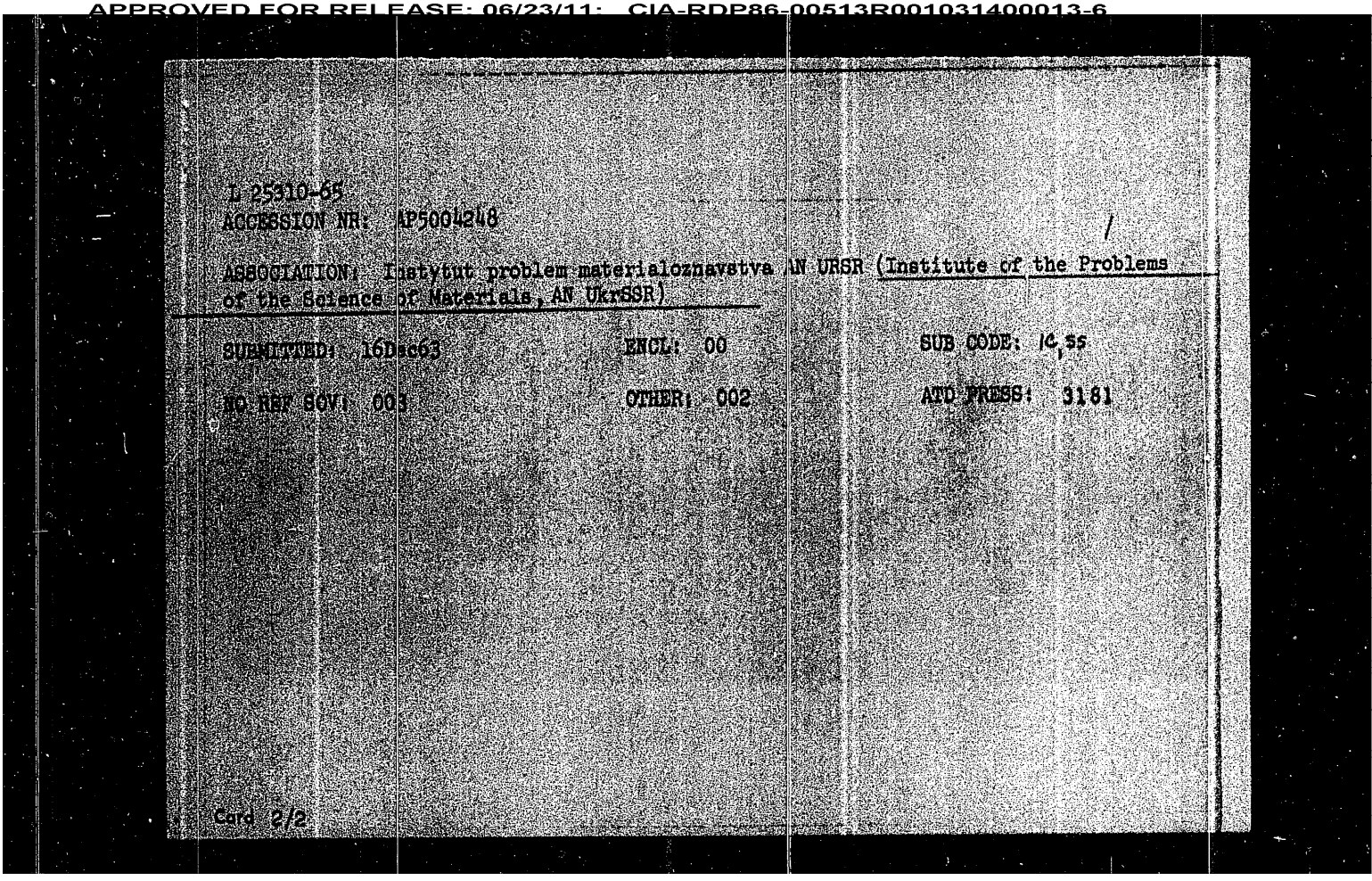
(Marine engineering)

MAKARCHUK, V.N.; MISHCHENKO, V.M.

Experimental investigation of flow structure before the pump wheel of a hydraulic torque converter. Sbor.trud.Lab.gidr.mash.AN URSR no.10:146-152 '62. (MIRA 15:12)
(Oil-hydraulic machinery) (Hydrodynamics)

CHEKRENEV, A.I., dr. tekhn. nauk, prof.; BALANIN, V.V., kand. tekhn. nauk, dotsent; SHCHERBAKOVA, R.I., kand. tekhn. nauk; MAKARCHUK, N.Ye., inzh.

Freezing of the Northern Dvina River in the autumn of 1961 and the effect of autumn ice jammings on the process of its opening in 1962. Trudy LIVT no.46:66-71 '63 (MIRA 17:7)



L 25310-65
ACCESSION NR: AP5004248

ASSOCIATION: Instytut problem materialoznavstva AN URSR (Institute of the Problems of the Science of Materials, AN UkrSSR)

SUBMITTED: 16Dec63	ENCL: 00	SUB CODE: IC, SS	
NO REF SOV: 003	OTHER: 002	ATD PRESS: 3181	

Card 2/2

L 22310-65 EWT(m)/EWP(t)/EWP(b) IJP(c) RDW/JD/JW

ACCESSION NR: AP5004248 S/0021/65/000/001/0056/0058

AUTHOR: Padenko, Yu. B.; Koncharuk, O. B. (Goncharuk, A. B.); Makarchenko, V. M. (Makarchenko, V. N.)

TITLE: Some physical properties of lanthanum digermanide

SOURCE: AN UkrSSR. Dopovidi, no. 1, 1965, 56-58

TOPIC TAGS: lanthanum digermanide, composition, microhardness, resistivity, thermal emf, work function, temperature dependence, semiconducting property

ABSTRACT: Lanthanum digermanide containing 45.4% La and 54.4% Ge, sintered and subsequently melted in an argon atmosphere, had a room-temperature resistivity of 659 μohm·cm, a microhardness of 375 kg/mm^2, and a thermal expansion coefficient of $8.9 \cdot 10^{-6}$/deg in the 0—800C range. A transition from impurity to intrinsic conductivity occurred at 500—600C with a simultaneous change in the thermal emf value from positive to negative, which is characteristic of materials with negative current carriers. The carrier activation energy was about 0.3 ev. Thus, lanthanum digermanide possesses semiconductor properties which in combination with a high melting temperature (about 1500C) make it a prospective material for semiconductor devices operating at high temperatures. Orig. art. has: 3 figures. [MS]

Card 1/2

CHERNYSHEV, A.M.; GESS, B.A.; KANAVETS, P.L.; MELENT'YEV, P.N.;
KHODAK, L.Z.; SOKOLOV, G.A.; BORISOV, Yu.I.; CHERNYKH, V.I.;
Prinimali uchastiye: VAVILOV, N.S.; MAKARCHENKO, V.G.;
KISELEV, G.P.; VOLNISTOVA, R.A.; MOREYEVA, G.P.

Testing granules made by the method of chemical catalysis
in a laboratory shaft furnace. Trudy IGI 22:70-78 '63.
(MIRA 16:11)

IVANOV, Vadim Nikolayevich, akademik; MAKARCHENKO, A.F., prof., akademik, otv. red.; BURCHINSKIY, G.I., prof., red.; PELESHCHUK, A.P., prof., red.; PUTILIN, N.I., prof., red.; REVUTSKIY, Ye.L., st. nauchn. sotr., red.; SKOPICHENKO, N.F., dots., red.; CHEBOTAREV, D.F., prof., red.; OMEL'CHENKO, A.T., st. nauchn. sotr., red.; MATYASHEVSKAYA, T.I., red.

[Selected works] Izbrannye trudy. Kiev, Naukova dumka, 1965. 334 p. (MIRA 18:8)

1. Deystvitel'nyy chlen AMN SSSR (for Ivanov). 2. AN Ukr.SSR (for Makarchenko, Ivanov). 3. Chlen-korrespondent AMN SSSR (for Chebotarev).

MAKARCHENKO, A.F., akademik, otv. red.; BOGACH, P.G., prof., red.; TROSHIKHIN, V.A., prof., red.; GUREVICH, M.I., doktor med. nauk, red.; KOLCHINSKAYA, A.Z., doktor biol. nauk, red.; PUTILIN, N.I., prof., red.; OLEYNIK, I.F., kand. biol. nauk, red.; PREOBRAZHENSKIY, N.N., kand. vet. nauk, red.; SNEZHIN, M.I., red.

[Regulation of vegetative functions] Reguliatsiia vegetativnykh funktsii. Kiev, Naukova dumka, 1965. 246 p. (MIRA 18:8)

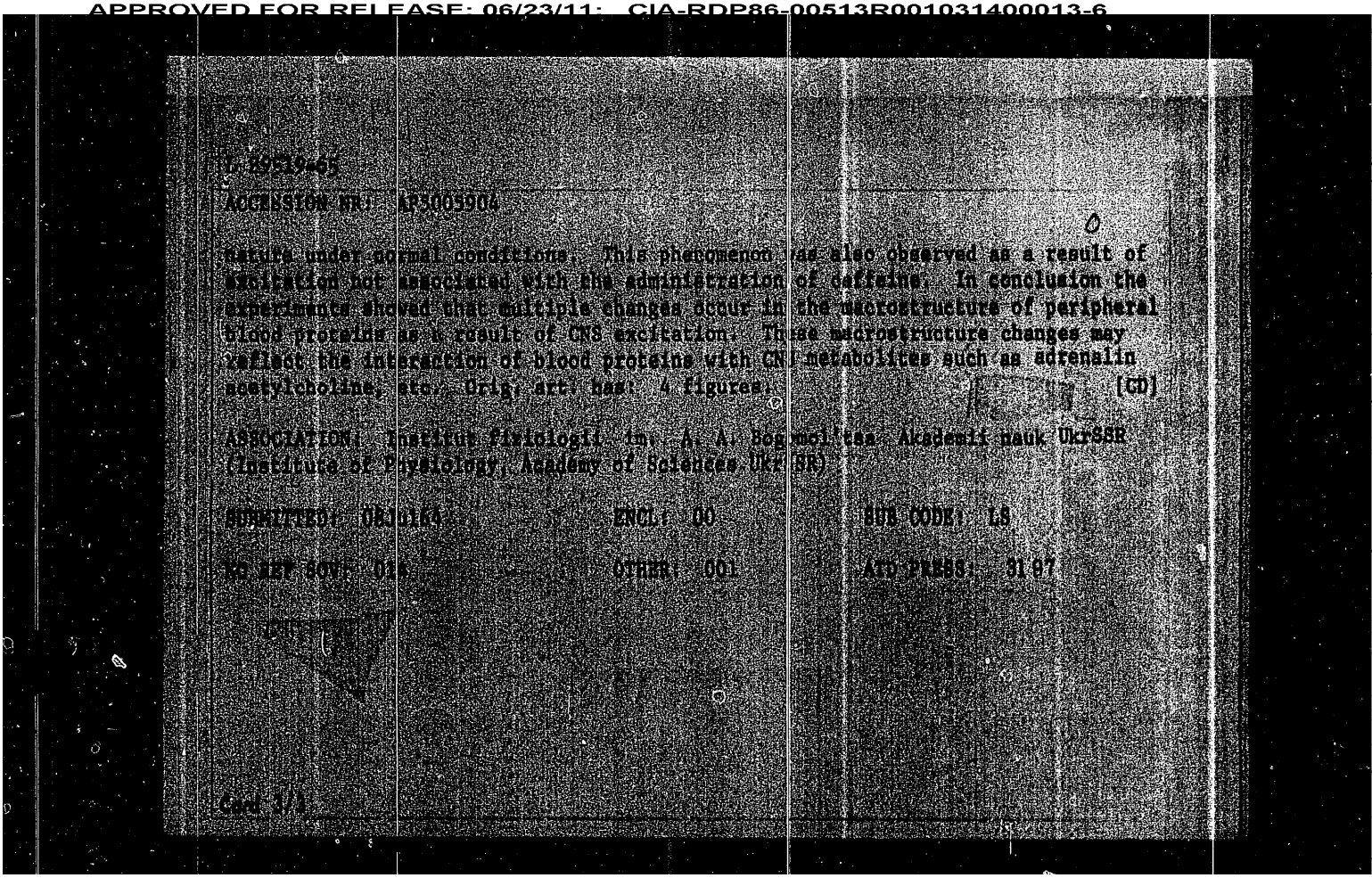
1. Akademiya nauk URSR, Kiev. 2. AN Ukr.SSR (for Makarchenko). 3. Institut fiziologii im. A.A.Bogomol'tsa AN Ukr.SSR (for Putilin).

MAKARCHENKO, A.F.; ROYTRUB, B.A.; ZLATIN, R.S.

Effect of an excitation process in the cerebral cortex on the macrostructure of proteins in the peripheral blood. Zhur. vys. nerv. deiat. 15 no.5:838-845 S-O '65.

(MIRA 18:11)

1. Institut fiziologii im. A.A. Bogomol'tsa AN UkrSSR, Kiyev.



AP5005904

nature under normal conditions. This phenomenon was also observed as a result of excitation not associated with the administration of caffeine. In conclusion the experiments showed that multiple changes occur in the macrostructure of peripheral blood proteins as a result of CNS excitation. These macrostructure changes may reflect the interaction of blood proteins with CNS metabolites such as adrenalin acetylcholine, etc. Orig. art. has: 4 figures. [CD]

ASSOCIATION: Institut fiziologii im. A. A. Bogomol'tsa Akademii nauk UkrSSR (Institute of Physiology, Academy of Sciences UkrSSR)

SUBMITTED: 08Jul64 ENCL: 00 SUB CODE: LS

NO REF SOV: 016 OTHER: 001 ATD PRESS: 3197

Card 1/1

acid showed the maximum changes in the absorption ability of blood proteins took place at maximum excitation. This phenomenon was far more pronounced when adrenalin was added to the investigated blood in vitro. It was also shown that the maximum increase in total positive conditioned reflexes coincided with a peak in the differences of indices in the reaction of methyl orange in untreated and heated blood. In different dogs this dependence was either direct or inverse. In determining the light dispersion in a buffered solution of serum proteins (pH 3.5), it was found that at maximum excitation, the percent of light filtration dispersed within the wave limits of 425—600 mμ compared to the original value. This indicated an increase in the light dispersion which was associated with a corresponding decrease in the solubility of protein molecules. Maximum excitation also coincided with a maximum intensity in the bonding of serum proteins with Congo red. In studying the reaction of blood proteins to adrenalin added in vitro it was found that at maximum excitation, the bonding ability of proteins relative to adrenalin was lowered. The addition of adrenalin to untreated serum increased the light dispersion in a protein solution, the greatest intensity of which coincided with maximum excitation. The electrophoretic nature of proteins was studied electrophoretically, both untreated and heated blood were studied. In 4 out of 5 dogs electrophoretic thermostability of proteins was observed in heated blood compared to their bonding

L 23919-65
ACCESSION NR: AP5005904 S/0020/65/160/003/0731/0733

AUTHOR: Makarchenko, A. F. (Academician AN UkrSSR); Roytrub, B. A.; Zlatin, R. S.

TITLE: Changes in the macrostructure of blood proteins as a result of CNS excitation

SOURCE: AN SSSR. Doklady, v. 160, no. 3, 1965, 731-733

TOPIC TAGS: CNS excitation, blood protein, caffeine, hemodynamics, blood biochemistry

ABSTRACT: Since macrostructures of proteins are naturally very labile and thus sensitive to functional changes in the central nervous system, the authors studied changes in the macrostructures of blood proteins from 6 dogs given 0.5—1.0-g doses of caffeine. The conditioned salivary reflexes were studied, and venous blood was taken 10—15 min following investigation of the reflexes of each dog. Caffeine was administered 30 min prior to investigation of reflexes. The experiments were conducted for 7—10 days. The investigations revealed that there was a definite parallelism between changes in the total positive conditioned reflexes and indices of the macrostructure of blood protein both during a normal CNS state and during an excited state. An investigation of the interaction of blood proteins with ascorbic

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400013-6

MAKARCHENKO, A.F. [Makarchenko, O.F.]; KOLCHINSKAYA, A.Z. [Kolchyns'ka, A.Z.]

Development of A.A.Bogomolets' ideas concerning human physiological aging and longevity in the Ukraine. Fiziol. zhur. [Ukr.] 11 no.1:3-9 Ja-F '65. (MIRA 18:7)

1. Institut fiziologii im. Bogomol'tsa AN UkrSSR, Kiyev.

MAKARCHENKO, A.F. [Makarchenko, O.F.]

Results of and prospects for the development of human and animal physiology in the Ukraine. Fiziol. zhur. [Ukr.] 10 no.3:287-300 My-Je '64. (MIRA 18:9)

1. Institut fiziologii im. A.Bogomol'tsa AN UkrSSR, Kiyev.

MAKARCHENKO, A.F. [Makarchenko, O.F.]; DINABURG, A.D. [Dynaburg, H.D.]; GORBACH, N.L. [Horbach, M.L.]; SAYENKO-LYUBARSKAYA, V.F. [Saienko-Liubars'ka, V.F.]; LAUTA, A.D.; YERYSH, A.I. [IErysh, A.I.]; KLEBANOVA, L.B.

Clinicophysiological characteristics of diencephalic pathology. Fiziol. zhur. [Ukr.] 10 no.3:371-378 My-Je '64. (MIRA 18:9)

1. Otdel nevrologii i neyrofiziologii Institut fiziologii im. A.A. Bogomol'tsa AN UkrSSR, Kiyev.

MAKARCHENKO, A.F.; DINABURG, A.D.

The role of influenza as a provocative factor in the development and exacerbation of diseases of the nervous system. Zh. nevropat. psikhiat. Korsakov 63 no.3:364-368 '63 (MIRA 17:1)

1. Otdel nevrologii i neyrofiziologii imeni A.A. Bogomol'tsa (dir. - prof. A.F. Kamarchenko) AN UkrSSR, Kiyev.

MAKARCHENKO, A.F. [Makarchenko, O.F.]; GORBACH, M.L. [Horbach, M.L.]

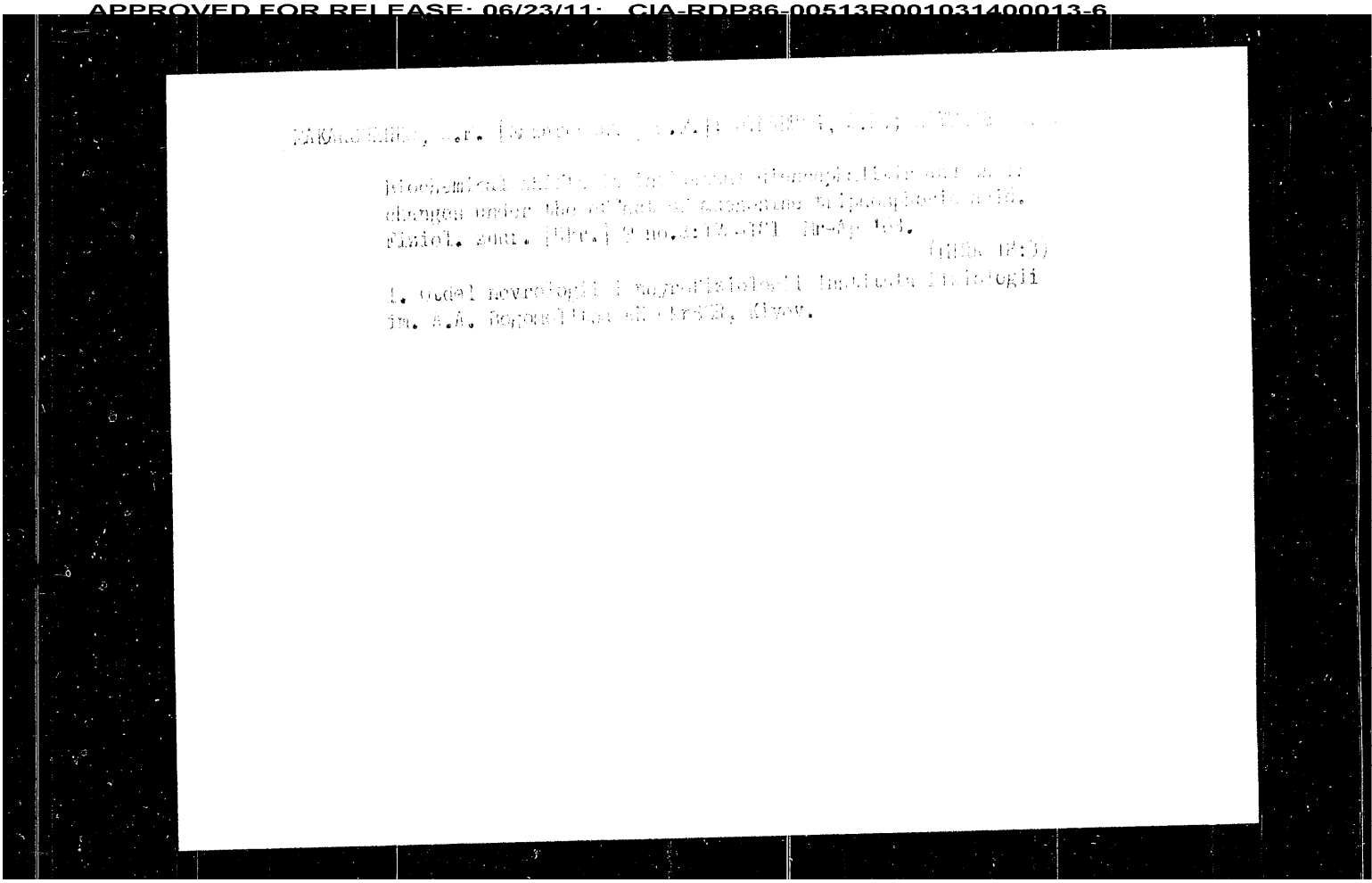
Some philosophical problems of the relation between physiology and cybernetics. Fiziol. zhur. [Ukr.] 9 no.6:707-715 N-D '63. (MIRA 17:8)

1. Institut fiziologii im. Bogomol'tsa AN UkrSSR, Kiyev.

MAKARCHENKO, A.F. [Makarchenko, O.F.]; ZLATIN, R.S.

Current philosophical problems in the reflex theory. Fiziol. zhur. [Ukr.] 9 no.5:569-578 S-O'63 (MIRA 17:4)

1. Institut fiziologii im. Bogomol'tsa AN UkrSSR, Kiyev.



MAKARCHENKO, A.F. [Makarchenko, O.F.]

On the eve of great discoveries. Fiziol. zhur. [Ukr.] 9 no.2:
147-150 Mr-Ap '63. (MIRA 16:3)

MAKARCHENKO, Aleksandr Fedorovich; DINABURG, Anna Davidovna; GESHEL', L.A., red.; YANKOVSKAYA, Z.B., red.

[Influenza and the nervous system] Gripp i nervnaia sistema. Kiev, Izd-vo AN USSR, 1963. 314 p. (MIRA 17:6)

MAKARCHENKO, A.F., akademik, otv. red.; SIROTININ, N.N., zam. otv. red.; KOLPAKOV, Ye.V., prof., red.; LAUER, N.V., doktor med. nauk, red.; GUREVICH, M.I., doktor med. nauk, red.; KOLCHINSKAYA, A.Z., kand. med. nauk, red.; YANKOVSKAYA, Z.B., red. izd-va; BEREZOVSKAYA, D.N., tekhn. red.

"Oxygen deficiency; hypoxia and adaptation to it] Kislorodnaia nedostatochnost'; gipoksiia i adaptatsiia k nei. Kiev, Izd-vo AN USSR, 1963. 609 p. (MIRA 17:2)

1. Akademiya nauk URSR, Kiev. Instytut fiziologii. 2. Akademiya nauk Ukr. SSR (for Makarchenko). 3. Deystvitel'nyy chlen AMN SSSR (for Sirotinin).

MAKARCHENKO, A.F.; DINABURG, A.D.; ROYTRUB, B.A.; LAUTA, A.D.

Clinical aspects and pathogenesis of diencephalitis of influenzal etiology. Zhur.nerv.i psikh. 62 no.6:825-832 '62. (MIRA 15:11)

1. Otdel nevrologii i neyrofiziologii Instituta fiziologii imeni A.A.Bogolom'tsa (dir. - prof. A.F.Makarchenko) AN UkrSSR, Kiyev.
(DIENCEPHALON--DISEASES)
(INFLUENZA)

MAKARCHENKO, A.F.; DINABURG, A.D.; PASTERNAK, M.N.; MEL'NICHENKO, A.V.

Experimental allergic encephalomyeloradiculitis. Zhur. nevr. i psikh. 62 no.3:361-366 '62. (MIRA 15:3)

1. Otdel nevrologii i neyrofiziologii Instituta fiziologii imeni A.A. Bogomol'tsa (dir. - prof. A.F. Makarchenko) AN USSR, Kiyev.

(NERVES, SPINAL--DISEASES)
(ENCEPHALOMYELITIS) (ALLERGY)

MAKARCHENKO, A.F., prof., akademik; MAN'KOVSKIY, N.B., prof.; ROYTRUB, B.A., kand.biologicheskikh nauk (Kiyev)

Zonal electrophoresis of protein fractions, glyco- and lipoproteins in some neuroinfections. Vrach.delo no.12:69-72 D '62. (MIRA 15:12)

1. Institut fizilogii imeni A.A.Bogomol'tsa AN UkrSSR.
(ELECTROPHORESIS) (PROTEINS) (DIENCEPHALON--DISEASES)

Characteristics of ...

by a polycythemic reaction, an increase in the number of thrombocytes from the 5th to the 30th month of irradiation, and by the absence of degenerative changes. The beta activity of the whole blood decreases during irradiation. Desoxyribonuclease was found in the urine of the irradiated dogs, but not in control dogs. There are 1 figure and 1 table.

ASSOCIATION: Instytut fiziologii im. O.O. Bohomol'tsya Akademii nauk URSR, Kiev (Institute of Physiology im. O.O. Bohomolets Academy of Sciences of the UkrSSR, Kiev)

SUBMITTED: July 15, 1961

Card 3/3

S/238/62/008/005/001/001
D267/D308

Characteristics of ...

first stage lasts 1½ to 2½ months and is characterized in the case of strong-type dogs by the variation of positive conditioned reflexes within the standard limits, the lower limit being steadily approached, and by a certain extension of the latent period of these reflexes; for the weak-type dogs the positive conditioned reflexes first increase and then revert to the initial value, while the latent period is shortened; (2) the second stage lasts from 7 to 18 months and is characterized by the decrease of positive conditioned reflexes and by further extension of the latent period; (3) the third stage (which lasted to the end of the experiment) is characterized by the low level of reflexes, their latent period being longer than the initial value. Internal inhibition was enhanced in the second stage, and manifestly disturbed in the third stage. During the period after irradiation the experiment animals disclosed a persistent increase of positive reflexes and further disturbance of internal inhibition (in 2 dogs out of 3 surviving dogs, one having died from pneumonia). The hematological changes are characterized by a drop of leucocyte count the the lower limit of the norm during the last 8 months of irradiation,

Card 2/3

27.2400

S/238/62/008/005/001/001
D267/D308

AUTHORS: Zlatin, R.S., Makarchenko, O.F. and Sirotina, M.F.

TITLE: Characteristics of physiological and biochemical shifts associated with the protracted action of small doses of Co^{60} gamma-rays on organisms

PERIODICAL: Fiziologichnyy zhurnal, v. 8, no. 5, 1962, 567-571

TEXT: The authors have been prompted to carry out this research by their earlier results relating to neurological and hematological changes observed in personnel working under conditions of chronic exposure to ionizing radiation. The higher nervous activity (using the alimentary secretion method) the composition of peripheral blood and some biochemical factors were studied in six dogs (4 experiment animals and 2 controls), the experiment animals being subjected to chronic whole-body irradiation with very small doses (0.05 r during 6 hours) of the Co^{60} gamma radiation. The experiment lasted 3 years. Three characteristic stages could be found in the changes of higher nervous activity: (1) the

Card 1/3

MAKARCHENKO, A.F. [Makarchenko, O.F.]; PASTERNAK, M.N.; DINABURG, A.D.; MEL'NICHENKO, A.V. [Mel'nychenko, H.V.]; KLEBANOVA, L.B.

Experimental allergic encephalomyelitis. Fiziol. zhur. [Ukr.] 8 no.3:292-308 My-Je '62. (MIRA 15:6)

1. Otdel nevrologii i nevrofiziologii Instituta fiziologii im. Bogomol'tsa AN USSR, Kiyev.
(ENCEPHALOMYELITIS)
(ALLERGY

MAKARCHENKO, A.F. [Makarchenko, O.F.]; FUDEL'-OSIPOVA, S.I. [Fudel'-Osypova, S.I.]; KOSTYUK, P.G. [Kostiuk, P.H.]

Danylo Semenovych Vorontsov; on his 75th birthday. Fiziol. zhur. [Ukr.] 8 no.1:3-12 Ja-F '62. (MIRA 15:2)
(VORONTSOV, DANYLO SEMENOVYCH, 1886-)

Basic Problems in the (Cont.) SOV/6205

COVERAGE: The present book is a collection of articles presented at the Symposium on Electrophysiology held in Kiyev on 1-2 July 1961. The articles in the collection are grouped into the following sections: 1) Electrophysiology of neurons (sensory, motor, and relay neurons of the spinal cord, and neurons of the retina); 2) Induced electrical potentials of the cerebral cortex; and 3) Background rhythms of the cerebral cortex. References are given following the individual chapters. No personalities are mentioned.

TABLE OF CONTENTS:

Card 2/8

PHASE I BOOK EXPLOITATION SOV/6205

Makarchenko, A. F., Resp. Ed.

Osnovnyye voprosy elektrofiziologii tsentral'noy nervnoy sistemy (Basic Problems in the Electrophysiology of the Central Nervous System) Kiyev, Izd-vo AN UkrSSR, 1962. 231 p. Errata slip inserted. 1600 copies printed.

Sponsoring Agency: Vsesoyuznoye fiziologicheskoye obshchestvo im. I. P. Pavlova. Institut fiziologii im. A. A. Bogomol'tsa Akademii nauk USSR.

Eds.: A. F. Makarchenko, Resp. Ed.; D. S. Vorontsov, P. G. Kostyuk, F. N. Serkov; Resp. Secretary: I. P. Semenyutin; Tech. Ed.: Yu. M. Bokhno.

PURPOSE: This book is intended for physiologists who are interested in recent advances in electrophysiology.

Card 1/6 2

MAKARCHENKO, O.F., akademik; DALILEYKO, V.I. [Danyleiko, V.I.], nauchnyy sotrudnik

Weightlessness. Nauka i zhyttia 11 no.12:12-14 D '61. (MIRA 15:2)

1. AN USSR (for Makarchenko). 2. Institut fiziologii imeni A.A. Bogomol'tsa AN USSR (for Danileyko).
(WEIGHTLESSNESS)
(SPACE MEDICINE)

MAKARCHENKO, O.F., akademik

Thoughts about the flight of Iu.O. Gagarin. Nauka i zhyttia 11 no.7[illegible] 13 Jl '61. (MIRA 14:8)

1. AN Ukrainskoy SSR.
(Astronautics)

MAKARCHENKO, A.F.; ZLATIN, R.S.; SIROTINA, M.F.

Change in higher nervous activity and in the peripheral blood picture during prolonged gamma-ray irradiation (Co^{60}) of dogs. Zhur. vys. nerv. deiat. 11 no.5:895-901 S-O '61. (MIRA 15:1)

1. Bogomolets Institute of Physiology, Ukrainian Academy of Sciences, Kiyev.
(GAMMA RAYS--PHYSIOLOGICAL EFFECT) (NERVOUS SYSTEM)
(CONDITIONED RESPONSE) (BLOOD)

MAKARCHENKO, A.F. [Makarchenko, O.F.]; PASTERNAK, M.N.; DINABURG, A.D. [Dynaburh, H.D.]; MEL'NICHENKO, A.V. [Mel'nychenko, H.V.]

Role of the influenza virus in the development of diseases of the nervous system. Fiziol. zhur. [Ukr.] 7 no.6:732-744 N-D '61. (MIRA 15:3)

1. Otdel nevrologii i neyrofiziologii Instituta fiziologii im. A.A. Bogomol'tsa AN USSR, Kiyev.
(INFLUENZA)
(BRAIN--DISEASES)