

SAFRONOV, Zakhar Andreyevich, instruktor peredovykh metodov truda; MOVCHAN,  
F.F., inzhener, redaktor; KRYUGER, Ya.V., redaktor; VOLKOV, V.S.,  
tekhnikeskii redaktor.

[My experience in organizing painting work] Moi opyt organizatsii  
maliarnykh rabot. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture,  
1956. 71 p. (Painting, Industrial) (MLBA 9:5)

*Mir 11:1*

ZALENSKIY, Vyacheslav Stanislavovich, inzh.; MOVCHAN, Fedor Fomich, inzh.;  
STOLYAROV, N.F., inzh., nauchnyy red.; BEGAK, B.A., red.izd-va;  
GUSEVA, S.S., tekhn.red.

[Hoisting, conveying and building machinery; design examples  
and reference data] Poc'emno-transportnye i stroitel'nye mashiny;  
primery raschetov i spravochnye materialy. Moskva, Gos.izd-vo  
lit-ry po stroit.i arkhit., 1957. 285 p. (MIRA 11:1)  
(Conveying machinery) (Building machinery) (Hoisting machinery)

*МОИЧАН, ФЕДОР ФЕДОРОВИЧ*

МОИЧАН, Федор Федорич; IVANOV, V.P., nauchnyy red.; SOKOLOVA, M.A., red.;  
RAKOV, S.I., tekhn.red.

[Manual for the young painter] Spravochnik molodogo maliara.  
Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1957. 303 p.  
(Painting, Industrial) (MIRA 11:4)

*MOVCHAN, F.F.*

KITAYEV, Kh.Kh., inzh.; MOVCHAN, F.F., inzh.

Exhibition of modern construction engineering. Prom.koop.

no.11:44-47 H '57.

(MIRA 10:12)

(Moscow--Building--Exhibitions)

MOVCHAN, Fedor Mikhaylovich.; TEREKHINA, G.I.,red.; SMIRNOVA, M.I.,tekhn. red.

[Study of contour lines in secondary schools; practices of teachers  
in Bryansk Province] *Izucheniye gorizontalei v srednei shkole; iz  
opyta raboty uchitelei Brianskoi oblasti. Moskva, Gos. uchebno-  
pedagog. izd-vo M-va prosv. RSFSR, 1958. 79 p. (MIRA 11:12)*  
(Cartography)

MOVCHAN, F.F.; OSIPOV, M.I., red.; BYKOVA, Zh.A., red.; TOKER, A.M.,  
tekhn.red.

[Plastering and painting; work-room equipment used in training  
plasterers and painters] Shtukaturnye i maliarno-otdelochnye  
raboty. Oborudovanie uchebnykh kabinetov dlia professii  
shtukatura i maliara-otdelochnika. Moskva, Vses.uchebno-pedagog.  
izd-vo trudreservizdat, 1959. 114 p. (MIRA 13:3)

(Plastering--Equipment and supplies)  
(Painting, Industrial--Equipment and supplies)

MOVCHAN, Fodor Fomich; IVANOV, V.P., nauchnyy red.; OSTROVA, I.M., red.;  
DORODNOVA, L.A., tekhn.red.

[Manual for the young painter] Spravochnik molodogo maliara.  
Izd.2., perer. i dop. Moskva, Vses.uchebno-pedagog.izd-vo  
Proftekhizdat, 1960. 386 p. (MIRA 13:11)  
(Painting, Industrial)

MOVCHAN, I.; SEMAK, I., kandidat sel'skokhozyaystvennykh nauk.

Fattening sheep on bagasse. Mias. ind. ~~SSSR~~ no.2:32 '57. (MLRA 10:5)

1. Direktor Pervukhinskogo otkormochnogo punkta (for Movchan).  
(Bagasse) (Sheep--Feeding and feeding stuffs)



MOVCHAN, I.V. (s. Tshchenets, Drozobuchskoy obl.)

Intramuscular injection of streptomycin and blood for treating tuberculosis. Vrach.delo no.9:993-995 S '57. (MLR 13:9)

1. Mezhrayonnaya tuberkuleznaya bol'nitsa  
(TUBERCULOSIS) (STREPTOMYCIN)  
(BLOOD AS FOOD OR MEDICINE)

MOVCHAN, I.V.

Method for treating seborrhea. Vrach.delo no.7:761 JI '59.  
(MIRA 12:12)

1. Tshchenetskaya uchastokovaya bol'nitsa, Mostisskogo rayona,  
Drogobychskoy oblasti.  
(SEBACEOUS GLANDS--DISEASES)

MOVCHAN, I.V.

Treating trichomonal colpitis with gastric juice. Ped., akush.  
i gin. 23 no.1:64 '61. (MIRA 14:6)  
(VAGINA--DISEASES) (TRICHOMONAS)  
(GASTRIC JUICE--THERAPEUTIC USE)

MOVCHAN, L.A.; SPASSKAYA, L.A.

Bicillin-1 in the treatment of pneumonia. Kaz.med.zhur. no.5:60-62  
S-0 '60. (MIRA 13:11)

1. Iz 1-y kafedry terapii (zav. - prof. L.M.Rakhlina) i kafedry  
mikrobiologii (zav. - prof. S.M.Vyaseleva) Kazanskogo gosudarstvennogo  
instituta dlya usovershenstvovaniya vrachey imeni V.I.Lenina.  
(PENICILLIN)  
(PNEUMONIA)

LOYTSYANSKAYA, M. S.; MOVCHAN, N. A.

Nematoda

Relation between *Bacterium curvum* and *Anguillula aceti*. *Mikrobiologiya* 21 no. 2, 1952.

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

LOYTSYANSKAYA, M.S.;MOVCHAN, N.A.

Relation between Acetobacter and Anguillala aceti. Mikrobiologiya,  
Moskva 21 no. 3:330-335 May-June 1952. (CML 22:3)

1. Leningrad State University imeni A. A. Zhdanov.

MOVCHAN, N.A.

Composition and developmental characteristics of the autochthonous  
microflora B thriving in humate-rich media. Trudy Vses. inst.  
sel'khoz. mikrobiol. no.14:75-99 '58. (MIRA 15:4)  
(Soil micro-organisms) (Humates)

MOVCHAN, N. A. Cand Biol Sci -- (diss) "On the study of the composition and laws of the development of humus-processing microflora." Len, 1959. 20 pp (Len Order of Lenin State Univ im A. A. Zhdanov), 250 copies (KL, 52-59, 119)

-10-



KULIKOV, A.I.; KURLINA, I.P.; POLYAKOV, I.M.; MOVCHAN, N.A.

Products of the acetylation of shale phenols as fungicides.

Khim. i tekhn. gor. slan. i prod. ikh perer. no.9:283-288 '60.

(MIRA 15:6)

(Phenols) (Fungicides)

MOVCHAN, N.A.

Antibiotic properties of the egg white of the steppe tortoise  
Testudo horsfieldi Grav. Vest. 16(1) 19 no. 15:18-25 1967.  
(MIRA 17:113)

BYLINKINA, V.N.; MOVCHAN, N.A.

Development of the microflora during the preparation and preservation  
of the started culture for the inoculation of the AMB peat-lime  
bacterial fertilizer. Trudy Vses. inst. sel'khoz. mikrobiol. 16:  
202-215 '60. (MIRA 13:9)

(Soil inoculation)

MOVCHAN, N.A.

Antibiotic properties of the albuminous envelope in the chicken  
duck and guinea fowl eggs; the problem of immunity in the  
embryo. Vest. LGU 17 no.3:54-65 '62. (MIRA 15:2)  
(EGGS--MICROBIOLOGY)  
(EMBRYOLOGY)

MOVCHAN, N.P.

Existence of a stage of rhythmic motor activity in the development of supraliminal inhibition. Dokl.AN SSSR 144 no.3:678-681 My '62. (MIRA 15:5)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Predstavleno akademikom V.N.Chernikovskim.  
(CONDITIONED RESPONSE)

MOVCHAN, V.A.

Diffusion of antibiotics of the albumen envelope of bird eggs  
into agar media. Nauch dokl. vys. shkoly; biol. nauki no. 2:49-52  
'63. (MIRA 16:4)

1. Rekomendovana kafedroy embriologii Leningradskogo  
gosudarstvennogo universiteta im. A.A. Zhdanova.  
(ANTIBIOTICS) (AGAR) (ALBUMIN)

MOVCHAN, N. P. USSR.

Chromotropic acid as analytical reagent. II. Reactions of chromotropic acid with some ions. S. Ya. Shnatsman and N. P. Movchan. *Ukrain. Khim. Zhur.* 19, 429-33 (1953); *Russ. Zhur. Khim.* 1954, No. 18764; cf. C.A. 49, 1400h. The ions, the color, and the pH at which the color appears in reactions with chromotropic acid are:  $Fe^{+++}$ , green, 1.8-6.2;  $Cu^{++}$ , red-brown, 5.0-11.0;  $Hg^{++}$ , yellow, 3.0-6.0;  $Ag^+$ , bright-yellow ppt., 0-6.0 and dark-brown ppt., 8.0-10.0;  $Ti^{++}$ , red, 0.8-3.8, orange, 4.0-5.0; yellow, 5.1-9.0;  $UO_2^{++}$ , red-brown, 4.0-10.0;  $CrO_4^{--}$ , red;  $[H^+] = 10N-10^{-4}N$ ;  $NO_2^-$ , yellow,  $[H^+] = 10N-10^{-4}N$ ;  $WO_4^{--}$ , yellow, 4.1-6.0; red, 6.2-10.0;  $MoO_4^{--}$ , yellow, 4.0-7.0; red, 7.0-10.5;  $VO_4^{--}$ , yellow, 0-6.0; red, 8.0-10.0;  $NO_3^-$ , yellow, concd.  $H_2SO_4$ . The optical d. of the red compd. of the chromotropic acid with  $Ti^{++}$  reaches a max. at pH 8.0 and the yellow compd. at pH 4.3-7.8. The max. optical d. for  $Fe^{+++}$  is at pH 5.0 for  $UO_2^{++}$ ,  $WO_4^{--}$ , and  $MoO_4^{--}$  compds. at pH 6-9, and for  $NO_2^-$  in 1-5N  $H_2SO_4$ .  $Fe^{+++}$  interferes with the colorimetric detn. of  $Ti^{++}$  and at pH < 2.5 also  $VO_4^{--}$  because  $Fe^{+++}$  compds. with chromotropic acid have an appreciable optical d. at pH 2-4 and  $VO_4^{--}$  at pH 0.8-2. With the detn. of  $CrO_4^{--}$  only  $NO_2^-$  interferes. Chromotropic acid does not react with  $NH_4^+$ , Na, K, Ca, Sr, Ba,  $Fe^{++}$ ,  $Cr^{+++}$ , Ni, Co, Zn, Cd,  $Hg^+$ , Bi, Sn, Sb, Pb,  $Pb^{++}$ , Be, Th, Zr, Ti, La, Ce, Nd, Pr, Rb, Cs, phosphates,  $SeO_4^{--}$ ,  $SO_4^{--}$ ,  $SO_3^{--}$ ,  $AsO_4^{--}$ ,  $CO_3^{--}$ ,  $SiO_4^{--}$ ,  $B_2O_4^{--}$ ,  $F^-$ ,  $Cl^-$ ,  $Br^-$ ,  $I^-$ ,  $CNS^-$ ,  $Fe(CN)_6^{--}$ ,  $Fe(CN)_6^{--}$ ,  $S^{--}$ , Mn,  $COO^-$ ,  $SeO_3^{--}$ ,  $TeO_3^{--}$ ,  $IO_3^-$ ,  $BrO_3^-$ , and  $ClO_3^-$ . The expts. were carried out with solns. contg.  $1.25 \times 10^{-4}$  g./ml/l. The chromotropic acid soln. contained  $6.25 \times 10^{-4}$  g./ml/l. 27. Hosen

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Kiev Polytech. INST.

MOVCHAN, N.P.

Effect of direct current flowing in different directions on the higher nervous activity. Trudy Inst. fiziol. 6:344-351 '57.

(MIRA 11:4)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zaveduyushchiy F.P. Mayorov).

(CONDITIONED RESPONSE) (ELECTRICITY--PHYSIOLOGICAL EFFECT)



MOVCHAN, N.P.

~~Effect of anelectromus on inhibited positive conditioned reflexes.~~  
Dokl.AN SSSR 112 no.6:1149-1152 F '57. (MLRA 10:5)

1. Institut fiziologii im. I.P. Pavlova Akademii nauk SSSR.  
Predstavleno akademikom K.M. Bykovym.  
(Conditioned response)

MOVCHAN, N.F.

Effect of direct current poles on conditioned reflexes in dogs  
(extinctive inhibition). Trudy Len. ob-va est. 72 no.1:115-118  
'61. (MIRA 15:3)  
(CONDITIONED RESPONSE) (ELECTRICITY--PHYSIOLOGICAL EFFECT)

MOVCHAN, N.P.

Development of supraliminal inhibition. Dokl. AN SSSR 142 no.1:  
245-248 Ja '62. (MIRA 14:12)

1. Institut fiziologii im. I.P. Pavlova AN SSSR. Predstavleno  
akademikom V.N. Chernigovskim.  
(Inhibition)

MOVEMENT

Change of the rhythmical activity in the development of cortical  
supraspinal inhibition. Nerv. sist. no.4:118-122 '63  
(MIRA 18:1)

1. Institut fiziologii AN SSSR, Leningrad.

MOVCHAN, N.P.

Effect of d.c. on protective inhibition. Dokl.AN SSSR 149  
no.1:213-216 Mr '63. (MIRA 16:2)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Predstavleno  
akademikom V.N.Chernigovskim.  
(Inhibition) (Electrophysiology)

MOVCHAN, N.P.

Effect of direct current poles on the saliva secretion in dogs.  
Nauch.sob. Inst.fiziol. AN SSSR no.3:120-123 '65. (MIPA 18:5)  
1. laboratoriya fiziologii i eksperimental'noy patologii vysshey  
nervnoy deyatel'nosti (zav. F.P.Mayorov [deceased]) Instituta  
fiziologii imeni Pavlova AN SSSR.

MOVCHAN N.T.

✓ Determination of zinc in magnesium alloys by a polarographic method. I. V. Izvekov and N. T. Movchan. *Trudy Kryn. Filial. Akad. Nauk S.S.S.R.* (1963). — Detn. of Zn by a polarographic method with an NH<sub>4</sub> citrate and zinc base salt and a standard Zn soln. reduced the time required from 8 hrs. to 60 min. without sacrificing accuracy. V. N. Bednaraki

① MA [signature]

MOVCHAN, O.A.

Spring phytoplankton in the western part of the Northern  
Atlantic. TRUDY VNIRO 46:315-323 '62. (MIRA 15:10)  
(Atlantic Ocean—Phytoplankton)



MOVCHAN, O.A.

Seasonal changes in the composition and distribution of phyto-  
plankton in the Newfoundland area. Trudy VNIRO 57:345-360 '65.  
(MIRA 18:6)

MOVCHAN, O.T.

AUTHOR UTKIN, I.A., MOVCHAN, O.T. 20-4-51/61  
TITLE The Dynamic of Mitotic Activity and Gas Exchange in the Case of  
a Damped Reaction to New Environmental Experiment.  
(Dinamika mitoticheskoy aktivnosti pri ugashenii reaktsii na novi-  
znu obstanovki opyta - Russian)  
PERIODICAL Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 4, pp905-908,  
(U.S.S.R.)  
Received 6/1957 Reviewed 7/1957  
ABSTRACT It is known that the most different external stimuli suppress mitoses  
in many animal tissues immediately after their taking effect. The  
following may be concerned: Mechanical trauma, electric stimulation  
and acoustic factors but also such slight changes as take place with  
respect to surroundings, conditions of animal keeping etc. The authors  
have the impression that any change of environs, any change of living  
conditions immediately cause a uniform reaction of mitotic nature,  
mainly due to a delayed cleavage of cells. It seemed natural to the  
authors to assume a connection between these reactions and the total  
reactions of the animal nervous system to the newness of conditions,  
above all with orientation and defence reflexes. To prove this  
assumption the authors decided upon extinguishing the reaction of  
the organism to this newness. For this purpose white rats were re-  
peatedly subjected to these new conditions and the dynamics of mi-  
totic activity was studied. The rats were placed for 45-50 minutes  
into gas exchange chambers, made of exsiccators; Besides this dyna-

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20-4-51/61

The Dynamic of Mitotic Activity and Gas Exchange in the Case of a Damped Reaction to New Environmental Experiment.

mic of oxygen consumption could be investigated. The mitose number decreases from 350-400 (which is normal in the case of animals) to 18-20. In further tests rats were placed into these exsiccators before test. In the first series they were left for 6 days, in the second 16 days and in the third 20 days on end. Although this was repeated six times the reactions of mitoses were not extinguished. Mitotic activity still averaged half of that of test animals. Inhibition in the case of rats which were acclimatized 6 days were considerably weaker than of those which were placed into the chamber for the first time. Extinction of the inhibiting reaction of mitoses is accompanied by a parallel extinction of gas exchange. With rats which were placed into the chamber for the first time, the values of oxygen consumption were usually higher than with those whose reaction to the chamber had been extinguished. In the third series reaction of mitoses disappeared after a continuous (21 days) and systematical extinction of the reaction to the newness of test conditions. Here mitose number was identical with that of test animals. Intensity of gas exchange increases only inconsiderably with acclimatized animals. All this furnishes new and sufficiently important reasons to conclude that the phenomenon of mitotic restraint occurring

Card 2/3

20-4-51/61

The Dynamic of Mitotic Activity and Gas Exchange in the Case of a Damped Reaction to New Environmental Experiment.

with sudden environmental changes is in its nature reflective. Also humoral factors, above all hormonal ones, are important. This combination of factors, however, does not act independently, but is, as a certain link, incorporated a complex reflective act. The inhibiting reaction is closely connected with orientation reflexes. (With 4 tables and 9 citations from Slavic publications).

ASSOCIATION Medical-Biological Station of the Academy of Medical Sciences of the U.S.S.R.  
PRESENTED BY ORBELI, L.A., Member of the Academy.  
SUBMITTED 25.8.1956.  
AVAILABLE Library of Congress.  
Card 3/3

UTKIN, I.A., NOVCHAN, O.T.

Cell division and metabolism in the organism. Report No.2:  
Mitotic activity and basal metabolism [with summary in English]  
Biol.eksp.biol. i med. 45 no.5:107-110 My'58 (MIRA 11:6)

1. Iz laboratorii biologii Sukhumskey mediko-biologicheskoy stantsii  
(dir. -kand.biol.nauk I.A. Utkin) AMN SSSR. Predstavlena deystvitel'  
nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

(CORNEA, anatomy and histology,

mitosis in epitholium, relation to basal metab. (Rus))

(CELL DIVISION,

mitosis in corneal epithelium, relation to basal  
metab. (Rus))

(BASAL METABOLISM,

eff. on mitosis in corneal epithelium (Rus))

MOVCHAN, O.T.

Dynamics of the mitotic activity of the corneal epithelium in white mice during fasting. Biul. eksp. biol. i med. 50 no.7:90-93 JI '60.  
(MIRA 14:5)

1. Iz laboratorii biologii (zav. - kand.biologicheskikh nauk I.A. Utkin) Instituta eksperimental'noy patologii i terapii AMN SSSR, Sukhumi. Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Orekhovichem.

(FASTING)

(CORNEA)

(CELL DIVISION (BIOLOGY))

MOYCHAN, O.T.

Relation of mitotic changes in the corneal epithelium to the weight of starving animals. Biul. eksp. biol. i med. 50 no.12: 86-90 D '60. (MIRA 14:1)

1. Iz laboratorii biologii (zav. - kandidat biologicheskikh nauk I.A. Utkin [deceased]) Instituta eksperimental'noy patologii i terapii (dir. - kand.biologicheskikh nauk I.A. Utkin [deceased]) AMN SSSR, Sukhumi. Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Orekhovichem.

(CELL DIVISION (BIOLOGY)

(CORNEA)

(BODY WEIGHT)

MOVCHAN, O.T.

Daily periodicity of mitotic activity of the corneal epithelium  
in rats and mice during starvation. Biul. eksp. biol. i med.  
52 no.7:103-106 JI '61. (MIRA 15:3)

1. Iz laboratorii biologii Instituta eksperimental'noy  
patologii i terapii AMN SSSR (direktor - doktor med.nauk  
B.A. Lapin), Sukhumi. Predstavlena deystvitel'nyy chlenom  
AMN SSSR A.V. Lebedinskim.  
(KARYOKINESIS) (PERIODICITY) (STARVATION)



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S/219/63/055/001/004/005  
D292/D307

AUTHORS:

Utkin, I.A. (Deceased), and Movchan, O.T.

TITLE:

Mitotic activity of corneal epithelium in animals maintained at different temperatures

PERIODICAL:

Byulleten' eksperimental'noy biologii i meditsiny, v. 55, no. 1, 1963, 110 - 113

TEXT:

The authors note that western work on the effect of temperature on cell multiplication by W.J. Bullough and by W. Storey and C. Leblond has not explained the role of energy metabolism. When albino rats and mice maintained constantly at 25° were placed for 2 h in gas metabolism chambers at 10° or 40° C oxygen requirement increased significantly and mitotic activity of the corneal epithelium fell sharply. When mice were transferred from 25° to 70° C, mitotic activity and blood sugar values fell significantly. In rats transferred from maintenance at 70 - 80 to 25° C there was a significant fall in the oxygen requirement and a slight but non-significant

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Mitotic activity of corneal ... S/219/63/055/001/004/005  
D292/D307

increase in mitotic activity. Rats weighing 60 g were maintained at 20° or 26° C and starved for 3 days; weight losses were 30 and 16 % , respectively. At 20° C mitotic activity was considerably inhibited and blood sugar values fell. At 26° C reduction in mitotic activity was not significant and there was practically no change in blood sugar. Mice starved for 2 days at 27° C lost far less weight than did those kept at 20° C and their mitotic activity was similar to that of controls. There are 5 tables.

ASSOCIATION: Institut eksperimental'noy patologii i terapii AMN SSSR, Sukhumi (Institute of Experimental Pathology and Therapy, AMS USSR, Sukhumi)

PRESENTED: by A.v. Lebedinskiy, Member of the AMS USSR

SUBMITTED: January 18, 1962

Card 2/2

MOVCHAN, C.T.

Rate of mitosis in the corneal epithelium of hungry animals.  
Biul. eksp. biol. i med. 57 no.1:95-98 Ja 1964.

(NINA 17: 0)

1. Institut eksperimental'noy patologii i terapii (dir. -  
prof. B.A. La; in) AMN SSSR, Sukhumi. Predstavlena deystvitel'-  
nym chlenom AMN SSSR A.V. Lebedinskim.

LAVRUSHIN, V.F., VERKHOVOD, N.M., MOVCHAN, P.K.

Halochromism of tertiary alicyclic and aliphatic carbinols.  
Dokl. AN SSSR 105 no.4:723-726 D '55. (MLBA 9:3)

1. Khar'kovskiy gosudarstvennyy universitet imeni A.M. Gor'kogo.  
Predstavleno akademikom A.N. Nesmeyanovym.  
(Alcohols) (Halochromism)

MOVCHAN, R.A.; MOISEYEV, I.A.; AYBABINA, A., uchitel'nitsa;  
KUDRYASHOV, V.; TURKINA, O.I. (Rubtsovsk)

Editor's mail. Geog. v shkole 25 no.6:59-61 N-D '62.

(MIRA 15:12)

1. Starosel'skaya shkola Mogilevskoy oblasti (for Moiseyev).
2. Chulkovskaya srednyaya shkola Moskovskoy oblasti (for Aybabina).
3. 16-ya shkola g. Morozovska, Rostovskoy oblasti (for Kudryshov).  
(Geography—Study and teaching)

MOVCHAN, S.D.

New forage and silage plants. Bot.zhur.41 no.2:172-181 P 156.  
(Forage plants) (Ensilage) (MIRA 9:7)

MOVCHAN, S.D.

Studying the chemical composition of the fruit of *Chaenomeles*  
*maulei* (Wats.) C.K. Schneid. Trudy Bot. inst. Ser. 6:237-243  
'58. (MIRA 11:10)  
(Quince) (Fruit--Chemical composition)

MOVCHAN, S.D.

Closed car for extinguishing coke by water and steam. Biul. TSIICHM  
no.10:46 '60. (MIRA 15:4)

(Coke ovens--Equipment and supplies)





Brief Communications. Concerning the  
Carotenoid Pigments From Petals of  
Calendula Officinalis L.

77668  
SOV/80-33-2-43/52

One hundred grams of absolutely dry petals contains  
0.224 g carotene, 0.336 g lycopene, 0.150 g violaxanthin,  
and 0.070 g rubixanthin. Besides the above pigments,  
hentiacontane ( $C_{31}H_{64}$ ) and phytosterols were isolated.  
Rubixanthin and hentiacontane were found in the above plant  
for the first time. There are 7 German references.

ASSOCIATION: Komarov Botanical Institute, Academy of Sciences,  
USSR (Botanicheskiy institut imeni V. L. Komarova  
AN SSSR)

SUBMITTED: October 3, 1959

Card 2/2

MOVCHAN, S.D.

Food value of some species of the genus *Crambe* L. Bot. zhur. 46  
no.4:569-573 Ap '61. (MIRA 14:3)

1. Botanicheskiy institut im. V.L.Komarova Akademii nauk SSSR,  
Leningrad.

(*Crambe*) (Plants—Chemical composition)

MOVCHAN, V.A.

Ecology of rearing fish in flooded rice fields. Vop. ekol. 5:  
138-139 '62. (MIRA 16:6)

1. Kiyevskiy gosudarstvennyy universitet.  
(Ukraine--Carp) (Ukraine--Rice)

MOVCHAN, V.A.

Some problems of the intensification of pond fish culture.  
Trudy sov. Ikht. kom. no.14:13-20 '62. (MIRA 15:12)

1. Institut gidrobiologii AN UkrSSR.  
(Fish culture)

MOVCHAN, V.A.

Biological characteristics of breeder carp. Trudy sov.  
Ikht. kom. no.14:181-185 '62. (MIRA 15:12)

1. Institut gidrobiologii AN UkrSSR.  
(Ukraine—Carp breeding)

KIR'YALOV, N.F.; MOVCHAN, S.D.

Reoselin, a new glycoside from rosin of the roots of *Ferula  
pseudoreoselinum* (RGL et Schmalh.) K. Pol. Dokl. AN SSSR 148  
no.5:1081-1084 F '63. (MIRA 16:3)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR. Predstavleno  
akademikom M.M.Shemyakinym.

(Glycosides) (Carrots)

F 17599-66

ACC NR: AP6000572

SOURCE CODE: UR/0109/65/010/012/2273/2275

AUTHOR: Kononenko, K. I.; Movchan, S. P.; Yatsenko, A. I.

ORG: none

21  
B

TITLE: One method for reducing gas-discharge-plasma noise

SOURCE: Radiotekhnika i elektronika, v. 10, no. 12, 1965, 2273-2275

TOPIC TAGS: noise, discharge plasma

ABSTRACT: An experimental proof is offered that the reduction of ion density in the near-cathode region of a gas discharge results in a reduction of current-caused noise, i. e., of fluctuation of voltage across the cathode-probe gap, such phenomenon

corresponding to this formula:  $(i)_{\text{sp}} = \left\{ \frac{4kT}{R} + 4 \frac{I^2 v(\omega^2 + 3v^2)}{N(\omega^2 + v^2)^2} \right\}$ ; the formula was advanced

by S. Kojima and K. Takayama (Phys. Rev., 1950, 80, 5, 907). A 60-mm long 10-mm diameter gas-discharge tube with Mo electrodes was filled with pure Ne at 16 torr. A negative bias of -1-15 v was applied to the grid. The noise was investigated at frequencies up to 40 Mc. It was found that: (1) The gas-discharge noise level decreases by 4 times with the decreasing of the grid bias down to -15 v; (2) The noise power is proportional to the discharge current. Orig. art. has: 3 figures and 2 formulas.

SUB CODE: 09 / SUBM DATE: 25Dec64 / ORIG REF: 003 / OTH REF: 003

Card 1/1 nat

UDC: 621.385:621.391.828



BARANOV, A.A.; GRECHNYY, Ye.V.; Primalni uchastiye: MOVCHAN, V., student;  
NEBORAK, P., student; PIROGOV, V., student

Coalescence of graphite. Lit. proizv. no.5:25-28 My '62. (MIRA 16:3)  
(Cast iron--Metallurgy)

20292

S/128/60/000/010/003/003  
A133/A133

AUTHORS: Rochvar, A. A., Rykalin, N. N., Prokhorov, N. N.,  
Novikov, I. I., Movchan, V. A.

TITLE: On the problem of hot (crystallization) cracks  
during casting and welding

PERIODICAL: Liteynoye proizvodstvo, no 10, 1960, 47

TEXT: Based on the mass of experimental material which has been accumulated hitherto, the authors present some generalized survey on the problem of hot cracks originating during casting and welding. They point out that, when the technological strength is analyzed, two peculiarities have to be taken into account: a) the technological strength develops during the cooling process, b) the technological strength develops under conditions of mutually balanced stresses. They deny the possibilities of experimentally determining the elastic and plastic deformation of the metal during welding or casting by measuring the component being cast or welded. Then the authors emphasize that hot cracks originate during the  
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On the problem of ...

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S/128/60/000/C10/003/003  
A133/A133

metal crystallization interval and can develop during the metal cooling in the solid state. In the "effective" crystallization interval a sharp dip of the alloy plasticity can be observed, which the authors call temperature interval of brittleness. The upper boundary of the "effective" crystallization interval is the temperature at which dendrites interlace and intergrow in the crystalline skeleton. The lower boundary of the "effective" crystallization interval is the temperature of the actual solidus. At this point the mechanism of metal deformation changes abruptly: the plastic deformation of the crystallites themselves intensively develops together with intercrystalline displacements. The authors point out that the idea of alloys in the solid-liquid state not possessing plasticity is unfounded. This would lead to the conclusion that hot cracks are inevitable during welding and casting, which is not the case. Next the authors state that the technological strength reserve of castings and welds depend on the interrelation of brittleness, plasticity in this interval and the intensity of

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On the problem of ...

S/128/60/000/010/003/003  
A133/A133

growth of elastic-plastic deformation as far as the temperature decreases, i. e. the deformation rate. It is maintained that the technological strength reserve can be quantitatively rated neither by the magnitude of the temperature interval of brittleness, nor by the magnitude of relative elongation in this interval, nor by the deformation rate, each taken separately. Thus the direction of variation of hot-shortness can in the first approximation only be determined by the variation of one of the three above-mentioned factors if the two others remain unchanged. Cracks originating in castings can be filled with molten metal under the effect of hydrostatic pressure and capillary forces. The magnitude of the temperature interval of brittleness is determined by the chemical composition of the alloy, the content of additives located along the grain boundaries, dendritic liquation, dimensions and shape of crystallites, rate of cooling and deformation. The plasticity of the alloy in the "effective" crystallization interval is determined by the following factors: ratio of solid to liquid phase volume, dimensions and shape of crystallites and kind of distribution of the

Card 3/4

MOVCHAN, V.A.

"How to Recondition the Pond Fish Industry and its Management,"  
Yak vidovirny stavkove gosudarstve to dlyadaty grla; To Vozrast,  
K. 1929, No 3, pp 22-26.

MOVCHAN, V.A.

"For Cultural Fish Breeding Perspectives of Work Completed by the  
All-Ukrainian Experimental Station of Fish Culture," Za kulturne  
razplidzhennya ryby (Perspektyvy roboty Vseukrains'koi naukovo-doslidn.  
dyubno hospodarstva), Izvyetars'ka Pravda, K., 1951, p. 10.



MOVCHAN, V.A.

"Ponds - Factories of High-Quality Fish," Stavky - fabriki  
vysokoyakisnoi ryby. Stavkovo rybnitstvo musit staty mitsnym dzherdom  
postakhannya robitnystvu svizhoi ryby, Visti VUTSVE, K., 1988,  
pp 1-5.



MOVCHAN, V.A., TURKOVICH, M., KRASOVNIKA, I.

"Experiments with Forcing Carp Growth. From the Archives of the Scientific Research Institute of Fish Culture. Исследования по форсированию роста карпов (предварительные сведения). Из работ Укр. ин-та рыб. х-ва (предварительные сведения). Rybnoye Khozyaystvo SSSR, M., 1933, No 2, pp 35-41.

NOVCHAN, V.A.

"The Largest Fish Laboratory in the USSR." English translation  
from laboratory: B.M. Shchuk, K. E. Shchukina, 1951.

MOVCHAN, V.A., SHEVCHENKO, T.Z., KUZEMA, A.Y., KOROTKEVICH, G.G.

"Fishing in the Kolkhoz "Tretiy Vyrishalnyi," Rybne gosudarstvo  
kolhospu "Tretiy Vyrishalnyi; K.-Kh., Dyerzh. vyd-vo kolh. i radh.  
lyt-ri, 1939, p 19.

MOVCHIAN, V.A.

"Species of Fish for Kolkhoz Reservoirs (Experimental Work of the N.-d., Institute on Pond and Lake-Stream Fish Industry)," Porody ryb dla kolkhoznykh vodoyemov (Opyt N.-d. in-ta prudovogo i ozyerno-rechnogo khozyaystva) Zhivotnovodstvo, M., 1941, 29V.

MOVCHAN, V.A

"Brief Summary of Life and Creative Activity," Dmitry Kostyantynovich  
Tretyakov (Korotkyi narys zhyttya i tvorchosti) (Dmytro Kostantynovich  
Tretyakov); K., AN UkrSSR, 1946, p 28.

MOVCHAN, V.A.

"Ecological Principles of Intensification of Growth of Carp,"  
Ekologicheskiy osnovy intensifikatsyi rosta karpa, (Cyprinus  
carpio L., AN USSR, 1948, p 352, Bibliogr.: 27 - 4  
Nestoyana Malins'koye prazh. (Austrian State Prize.)

MAVCHAL, V.A.

"Michurin Method in Breeding New Types of Corn," Michurinski metody  
v stvorenii novych porid koropa ; Vistnyk AN URSS, K., 1949, no 11,  
pp 38-40.

MEYER, V. A.

Ukraine - Fisheries

Kakhovka hydro-development and the problem of the fish industry. *Voprosy Zoologii* 22, No. 10, 1950

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



MOVCHAN, V. A.

Fishes

General rules in the growth of fish, Visnyk AN URSR, 22, No. 12, 1950.

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

MOVCHAN, V.A.

"For Increase in Productivity of Fisheries (in the English language)  
Department of Ichthyology and Hydrobiology of the Kiev State University)  
Pidvyshyty productyvnist' rybnnykh hospodarstv (Pro robotu kafedry  
ichtiologii i hydrobiologii Kyivs'soho dverzh. un-ty) Za Rad. Kadry,  
K., KDU, 1 January 1951.

KONENKO, A.D.; ROLL, Ya.V., otvetstvennyy redaktor; ~~MOVCHAN, V.A.,~~  
redaktor; VLADIMIROV, V.I., doktor biologicheskikh nauk,  
redaktor; TOVBIE, M.V., doktor khimicheskikh nauk, redaktor;  
KRAYUKHIN, B.V., kandidat biologicheskikh nauk, redaktor;  
PURE-FRENKO, N.S., redaktor; SIVACHENKO, Ye.K., tekhredaktor.

Hydrochemical characteristics of small rivers of the Ukrainian  
S.S.R. Trudy Inst. gidrobiol. AN USSR no.26:5-172 '52.  
(MIRA 8:2)

1. Chlen-korrespondent Akademii nauk USSR (for Roll and  
Movchan).  
(Ukraine--Rivers)(Water--Composition)

MOVCHAN, V. A.

Water

Valuable scientific manual "Fresh waters and their life." Reviewed by V. A. Movchan.  
Izb. khvz. 28 no. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, July 195~~3~~<sup>2</sup>, Uncl.

MARKOVSKIY, Yu.M.; ROLL, Ya.V., redaktor; MOVGHAJ, V.A., redaktor;  
VLADIMIROV, V.I., doktor biol. nauk, redaktor; ALMAZOV, A.M.,  
kandidat khim. nauk, redaktor; KRAYUEHIN, B.V., kandidat biol.  
nauk, redaktor; GRUDZINSKAYA, O.S., redaktor; SIVACHENKO, Ye.K.,  
tekhnicheskiy redaktor.

[Invertebrate fauna of lower parts of Ukrainian rivers, conditions  
under which they exist, and ways of utilizing them] Fauna bespozvo-  
nochnykh nizov'ev rek USSR, uslovia ee sushchestvovaniia i puti  
ispol'zovaniia. Pt 1. [Water bodies of the Dniester Delta and the  
Dniester estuary] Vodoemy del'ty Dne-tra i Dnestrovskii liman.  
Kiev, Izd-vo Akademii nauk USSR, 1953. 194 p. (MIRA 8:2)  
(Dnieper River--Invertebrates) (Bug River--Invertebrates)  
(Dniester Delta--Invertebrates)

*Movchan V.A.*

TOVBIN, M.V.; ALMAZOV, A.M.; FEL'DMAN, M.B.; MAYSTRENKO, Yu.G.; ROLL, Ya.V., redaktor; MOVCHAN, V.A., redaktor; VLADIMIROV, V.I., doktor biologicheskikh nauk, redaktor; KRYUKHIN, B.V., kandidat biologicheskikh nauk, redaktor; ALMAZOV, kandidat khimicheskikh nauk, redaktor; ZEROV, K.K., kandidat biologicheskikh nauk, redaktor.

[Hydrochemical characteristics of the lower reaches of the Dnieper and Ingulets Rivers and a prognosis of conditions of Kakhovka Reservoir] *Gidrokhimicheskaya kharakteristika nizov'ev rek Dnepra i Ingul'tsa i prognoz reshina Kakhovskogo vodokhranilishcha.* Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1954. 103 p. (Akademia nauk URSS, Kiev. Instytut hidrobiologii, Trudy, no.30). (MLBA 9:5)

1. Chlen-korrespondent AN USSR (for Roll, Movchan)  
(Dnieper River) (Ingulets River) (Kakhovka Reservoir)

MARKOVSKIY, Yu.M.; ROLL, Ya.V., redaktor; ~~MOYCHAN, V.A.~~, redaktor;  
VLADIMIROV, V.I., doktor biol. nauk, redaktor; ALMAZOV, A.M.,  
kandidat khim. nauk, redaktor; KRAYUKHIN, B.V., kandidat biol.  
nauk, redaktor; GRUDZINSKAYA, O.S., redaktor; SIVACHENKO, Ye.K.,  
tekhnicheskii redaktor.

[Invertebrate fauna of lower reaches of Ukrainian rivers, conditions  
under which they exist, and ways of utilizing them] Fauna bespozvo-  
nochnykh nizov'ev red USSR, uslovia ee sushchestvovaniia i puti ispol'-  
zovaniia. Pt. 2. [Dnieper-Bug estuary] Dneprovsko-Bugskii liman.  
Kiev, Izd-vo Akademii nauk USSR. 1954. 205 p. [Microfilm] (MIRA 8:2)  
(Dnieper River--Invertebrates) (Bug River--Invertebrates)

MOVCHAN, V.A.

Studying the problems of interspecific relations in fishes.  
Nauk.sop.Kiev.un. 13 no.6:75-92 '54. (MLBA 9:10)

(Fishes)



**MOVCHAN, V.A.**

Ponds and their fish-producing capacity in the zone of the  
Ingulets experimental irrigation region. Zool.shur. 33 no.5:  
1092-1110 S-O '54. (MLRA 7:11)

1. Institut gidrobiologii Akademii nauk USSR.  
(Ingulets Valley--Fish ponds) (Fish ponds--Ingulets  
Valley)

MOVCHAN, V.A.

Over-all intensification and experimental ecological work in pond  
fish culture. Trudy Inst.gidrobiol. AN URSR no.32:3-36 '55.  
(Ukraine--Fish culture) (MLRA 9:9)

~~MOVCHAN, V.A.;~~ ABROSIMOVA, A.M.; GORYAINOVA, N.S.; POROKHONSKAYA, Ye.M.  
[Porokhons'ka, U.S.S.R.]

Studying the productivity of fishes in the "Greater Supoy"  
streambed pond. Nauk. zap. Kyiv. un. 15 no.11:35-41 '56.

(MIRA 11:5)

(Fish ponds)

MOVCHAN, V.A.; YARMOSHENKO, N.P.

Outstanding Russian ichthyologist O.A.Grimm and his role in the development of Russian pond culture [with English summary in insert]. Zool.shur. 35 no.9:1370-1378 S '56. (MLBA 9:12)

1. Institut gidrobiologii Akademii nauk USSR.  
(Grimm, Oskar Andreevich) (Fish culture)

MOVCHAN, V.A.

Utilization of reservoirs under construction for commercial fishing  
in the southern Ukraine. Nauk. zap. Kyiv. un. 16 no.20:173-189 '57  
(Ukraine--Fish culture) (MIRA 13:3)

KOVCHAN, V.A., prof.

~~\_\_\_\_\_~~  
Pisciculture in ponds. Priroda 46 no.8:45-50 Ag '57. (MLBA 10:9)

1. Chlen-korrespondent Akademii nauk USSR. 2. Institut gidrobiologii  
Akademii nauk USSR, Kiyev.

(Fish ponds)

*MOVCHAN, V. A.*

AUTHOR:

Movchan, V.A., Corresponding Member of the Ukrainian SSR Academy of Sciences (Kiyev)

26-10-25/44

TITLE:

Fish Breeding in Kolkhozes and Sovkhozes (Rybovodstvo v kol-khozakh i sovkhozakh)

PERIODICAL:

Priroda, 1957, No 10, pp 107-108 (USSR)

ABSTRACT:

The author gives a report on the All-Union Conference on Fish Breeding in Kolkhozes and Sovkhozes in the DSSR, which took place in Moscow in April 1957. It was called by the All-Union Academy of Agriculture Imeni V.I. Lenin and the USSR Ministry of Agriculture. Participants were: pisciculturists from kolkhozes and sovkhozes, biologists, workers from fish breeding stations, representatives from scientific research establishments and other interested organizations. Deputy Minister of Agriculture, M.N. Lutsenko, stated that during 1954, the kolkhozes caught in their reservoirs 22 million kg of fish and that about 10,000 such farms carry on fish breeding. The Conference decided that numerous improvements had to be made to increase fish breeding in the entire country.

AVAILABLE:  
Card 1/1

Library of Congress

VLASYUK, P.A., akademik; ZEROV, D.K., akademik; PSHENICHNYY, P.D., akademik;  
ROMANENKO, I.N., akademik, otvetstvennyy red.; MOVCHAN, V.A.;  
RODIONOV, S.P.; TYULENEV, N.A.; DAVIDOV, G.M., kand. ekon. nauk;  
KUGUKALO, I.A., kand. ekon. nauk; BEREZIKOV, V.S.; FEDUN, A.D.;  
GRUDZINSKAYA, O.S., red. izd-va; YURCHISHIN, V.I., tekhn. red.

[Natural conditions and resources of the Polesye; transactions of  
the Conference on Problems of the Development of the Productive  
Forces of the Ukrainian Polesye] Prirodnye usloviia i resursy  
Poles'ia; trudy konferentsii po voprosam razvitiia proizvoditel'-  
nykh sil Poles'ia USSR. Kiev. Pt.1. 1958. 123 p. (MIRA 11:7)

1. Akademiya nauk URSS, Kiev. Rada po vyvchenniu produktivnykh syl.
2. Akademiya nauk USSR (for Vlasyuk, Zerov).
3. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (for Vlasyuk, Pshenichnyy, Romanenko).
4. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I. Lenina (for Vlasyuk).
5. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I. Lenina (for Romanenko).
6. Chlen-korrespondent akademii nauk USSR (for Movchan, Rodionov, Tyulenev).
7. Zamestitel' nachal'nika otdela svodnykh perspektivnykh planov Gosplana USSR (for Beresikov).
8. Nachal'nik podotdela sel'skogo khozyaystva otdela svodnykh perspektivnykh planov Gosplana USSR (Fedun).

(Polesye--Natural resources)



AUTHORS: ~~Movchan, V.A.~~, Member-Correspondent SOV/21-58-2-26/28  
AS UkrSSR, Polivannaya, M.F.

TITLE: The Natural Food Resources and the Ichthyofauna of the Donbas Reservoirs (Yestestvennyye kormovyye resursy i ikhtiofauna vodokhranilishch Donbassa)

PERIODICAL: Dopovidi Akademii nauk Ukrainy 'koi RSR, 1958, Nr 2, pp 224-227 (USSR)

ABSTRACT: The piscicultural use of the reservoirs in Donbas has heretofore been carried out without proper scientific foundations. To remedy this omission, the Ichthyology Chair of the Kiev State University conducted for 4 years a study of 8 reservoirs of the Stalino Oblast' with a total area of about 3,000 ha. These reservoirs, which were built at different times after 1931, are characterized by small dimensions and depths, high mineralization of the water, and intensive development of plankton which is not fully utilized by the fish (the residual plankton biomass during the vegetative period amounts to 7 to 15 g per cu m). The benthonic fauna is consumed by the fish at a great rate, and its residual biomass amounts to 4 to 7 g per cu m. It is expedient to maintain at a high level the numbers of bream, carp, pike perch and Prussian carp, with carp predominating in the Kurakhovskoye, Mironovskoye

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SOV/21-58-2-26/28

The Natural Food Resources and the Ichthyofauna of the Donbas Reservoirs

Yenakiyevo, Luganskoye reservoirs, and bream predominating in the Karlovskoye, Ol'khovskoye, Kleban-Bykskoye and Starokrymskoye reservoirs. High fish production from the Donbas reservoirs can be attained provided that a fish nursery is established to supply the reservoirs with these species, and the possible catch of certain fish species is limited in accordance with the supply. There are 3 tables.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet (Kiyev State University)

SUBMITTED: May 21, 1957

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

Card 2/2

MOVCHAN, V.A., doktor biol.nauk

Studying the physiology of pond carp. Trudy sov.lkht.kom. no.8:251-254  
' 58. (MIRA 11:11)

1. Institut gidrobiologii AN USSR.  
(Carp) (Fishes--Physiology)

MOVCHAN, V.A.; ZHUKINSKIY, V.N. [Zhukins'kiy, V.N.]

Some ecological characteristics of the spawning period of  
Chalcalburnus chalcoides Güld in the Kuban [with summary in  
English]. Dop.AN URSS no.12:1364-1366 '58. (MIRA 12:1)

1. Chlen-korrespondent AN USSR (for Movchan). 2. Kiyevskiy  
gosudarstvennyy universitet.  
(Kuban--Carp)

MOVCHAN, V.A.

Obtaining more fish from ponds. Visnyk AN URSSR 2 no.7:61-67 Je '58.  
(MIRA 11:9)

1. Chlen-korrespondent AN USSRi Vsesoyuznoy akademii  
sel'skokhozyaystvennykh nauk im. Lenina.  
(Fish culture)

MOVCHAN, V.A.

Intensifying the pond culture of fish on farms. Zhivotnovodstvo  
20 no.1:13-19 Ja '58. (MIRA 11:1)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh  
nauk im. V.I. Lenina i AN USSE.  
(Fish culture) (Carp)

MOVCHAN, Vasilii Arkhipovich, prof.; NEKHLIYUDOVA, A.S., red.; SAVCHENKO,  
Ye.V., tekhn.red.

[Breeding fish in ponds] Prudovoe rybovodstvo. Moskva, Izd-vo  
"Znanie," 1959. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniui  
politicheskikh i nauchnykh znani. Ser. 5, Sel'skoe khoziaistvo, 2)

1. Chlen-korrespondent AN USSR i Vsesoyuznoy akademii sel'sko-  
khozaystvennykh nauk im. V.I. Lenina (for Movchan).  
(Fish culture)

MOVCHAN, V.A.

Acclimatization of Amur fish in waters of the European S.S.R.  
Agrobiologiya no.4:576-580 JI-Ag '59. (MIRA 12:10)

1. Akademiya nauk Ukrainskoy SSSR, g. Kiyev, chlen-korrespondent  
Vsesoyuznoy akademii sel'skokhoz. nauk imeni V.I. Lenina i AN USSR.  
(Fishes) (Acclimatization)



MOVCHAN, V.A.

On the problem of replenishing fish resources in the Southern Bug.  
Visnyk AN URSSR 30 no.1:47-50 Ja '59. (MIRA 12:4)

1. Chlen-korrespondent AN USSR.  
(Southern Bug--Fisheries)

MOVCHAN, V.A., prof.

Controlling diseases of fish in ponds. Veterinariia 36 no.6:  
19-20 Ja '59. (MIRA 12:10)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh  
nauk imeni V.I.Lenina.  
(Fishes--Diseases and pests)

MOVCHAN, V.A.

Growth of the yearling of *Coregonus peled* (Gmelin) and gonad development in experimental ponds. *Dop.AN URSSR* no.1:106-109 '60. (MIRA 13:6)

1. Kiyevskiy gosudarstvennyy universitet. Chlen-korrespondent AN USSR.

(Whitefishes)

MOVCHAN, V.A.; SHULYAK, G.S. [Shuliak, H.S.]

Sex glands in carp-crucian carp hybrids. *Dop. AN URSS* no. 5:683-687  
'60. (MIRA 13:7)

1. Institut gidrobiologii AN USSR. 2. Chlen-korrespondent AN  
USSR (for Movchan).  
(GENERATIVE ORGANS)