

On the Early Quaternary Flora of Zhidovshchizna, a
Village on the Neman River

SOV/20-12A-2-51/71

the flora of Zhidovshchizna is a typically Pleistocene flora. It differs from the recent flora by a small amount of unknown and extinct varieties. Part of them passes into the Riss-Würm flora. Only *Aldrovanda Dokturovskiy* and *Aracites Jonstrupii* are lacking in the Riss-Würm of Belorussiya and Smolenshchina (Smolensk area). This characterizes the flora of Zhidovshchizna as being older. However, there is only a slight difference between the flora described here and the Riss-Würm flora, but also other European Mindel-Riss floras do not differ more from the Riss-Würm flora. It must also be taken into consideration that the difference mentioned is expressed in a different way in each individual case. On the whole, the flora of Zhidovshchizna can be well compared to the Mindel-Riss flora. There are 1 figure and 13 references, 5 of which are Soviet.

ASSOCIATION: Botanicheskiy institut im. V. L. Komarova Akademii nauk SSSR
(Botanical Institute imeni V. L. Komarov, Academy of Sciences,
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Card 2/2

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AUTHOR:

Dorofeyev, P. I.

TITLE:

On the Oligocene Flora of the Village of Kozyulino in the Mouth of the River Tom'

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 5, pp 1103-1105 (USSR)

ABSTRACT:

2 rock samples collected by M. G. Gorbunov in an exposure of the left bank of the river Tom' in 1951-52 were sent to the author. Tertiary sediments are observed here at low water-level. 6 different layers were exposed by boring. Megaspores, fruits, and other plant remains were separated from the samples taken from the layers 2 and 4. The results of the determination are given in table 1. The Tertiary Posle-Cheganskaya (post-Cheganskaya) mass contains in entire West-Siberia many well conserved plant remains which were only little investigated. Although the data given first on occasionally collected small samples do of course not completely express the peculiarities of the flora of individual horizons this apparently lithologically varied mass contains surprisingly homogeneous complexes of a very rich flora which is completely alien to the recent

Card 1/3

SOV/20-127-5-47/58

On the Oligocene Flora of the Village of Kosyulino in the Mouth of the River Tom'

flora of this region. The Oligocene age is now fully confirmed. The Tertiary floras of many layers of West-Siberia (e.g. of Tavdinskaya, Tomskaya, and Rezhenskaya) do practically not differ at all from the brown coal floras of the type Tarskaya, Kozyulinskaya, et al. which are widely distributed in West-Siberia. They are correctly placed to Middle Oligocene by I. G. Zal'tsman (Ref 10) (in disagreement with the opinion of M. G. Gorbunov (Ref 2)). None of the brown coal floras of West-Siberia is poorer and thus not younger than those of Kazakhstan. Their composition differs somewhat, but this is probably only due to differences in the width. The floras of Kirayevskoye, Kozhevnikovo, and Voronovo at the river Ob' which are placed to Lower Pliocene (M. G. Gorbunov, Ref 1, P. A. Nikitin, Ref 12) are somewhat poorer than the brown coal floras. I. G. Zal'tsman places, however, the containing layer (Zyat'kovskaya lower suite) not without reason to Upper Oligocene. The lacking of the elements of conifer flora (tayga) which dominated in the Russian plain from the beginning of

Card 2/3

On the Oligocene Flora of the Village of Kozyulino in the Mouth of the
River Tom' SOV/20-127-5-47/58

Pliocene is characteristic of the three last mentioned floras. Therefore even the Miocene age of the mentioned floras is doubted. The Kozyulinskaya flora discussed here is according to its composition an arcto-Tertiary one. With respect to age it can be compared with every Oligocene flora of Kazakhstan. There are 1 figure, 1 table, and 13 Soviet references.

ASSOCIATION: Botanicheskiy institut im. V. L. Komarova Akademii nauk SSSR
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Card 3/3

DOROFYEV, P.

New species of *Azolla* Lam. in the Tertiary flora of the U.S.S.R.
Bot. zhur. 44 no.12:1756-1763 D '59. (MIRA 13:4)

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

(Kazakhstan--*Azolla*, Fossil)

(Malyy Atlym region--*Azolla*, Fossil)

DOROFYEV, P.I.

Fossil pine cone from Lower Cretaceous sediments of the Kuban River,
Mat.k "Osn.paleont." no.3:123-124 '59. (MIRA 15:7)
(Kuban Valley--Pine, Fossil)

DOROFYEV, P.I.

Pliocene flora of the cis-Ural portion of Bashkiria. Vop. geol.
vost. okr. Rus. platf. i Uzh. Urala no. 5:15-31 '60.

(MIRA 14:5)

(Bashkiria—Paleobotany, Stratigraphic)

DOROFEYEV, P.I.

In memory of Petr Alekseevich Nikitin. Bot. zhur. 45 no.4:619-624
Ap '60. (MIRA 14:5)

1. Botanicheskiy institut im. V. L. Komarova AN SSSR, Leningrad.
(Nikitin, Petr Alekseevich, 1890-1950)

DOROFYEV, P.I.

Recent data on Tertiary floras of the Kireyevskoye Crag on
the Ob' River. Dokl.AN SSSR 133 no.1:211-213 J1 '60.
(MIRA 13:7)

1. Botanicheskiy institut imeni V.L.Komarova Akademii nauk
SSSR. Predstavleno akademikom V.N. Sukachevym.
(Kireyevskoye region(Tomsk Province)--Paleobotany, Stratigraphic)

DOROFYEV, P.I.

Tertiary flora of White Russia. Bot. zhur. 45 no.10:1418-1434
0 '60. (MIRA 13:11)

1. Botanicheskiy institut imeni V.L.Komarova, Akademii nauk SSSR,
Leningrad.
(Pripet Valley—Paleobotany, Stratigraphic)

DOROFYEV, P.I.

Recent data on Tertiary flora from the region of the village of Antropovo on the Tavda River. Dokl. AN SSSR 137 no.4:923-926 Ap '61. (MIRA 14:3)

1. Botanicheskiy institut im. V. L. Komarova AN SSSR, Predstavleno akademikom V. N. Sukachevym.
(Antropovo region (Tyumen' Province)--Paleobotany, Stratigraphic)

DOROFYEV, P.I.; TYULINA, L.N.

Materials on the fossil flora of Mount Mamontova in the Aldan Valley.
Probl. bot. 6:46-54 '62. (MIRA 16:5)
(Aldan Valley--Paleobotany, Stratigraphic)

DOROFYEV, P.I.

Floras of the Beshcheul series of the Irtysh River. Dokl. AN SSSR
145 no.2:381-383 J1 '62. (MIRA 15:7)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR.
Predstavleno akademikom V.N.Sukachevym.
(Irtysh Valley—Paleobotany, Stratigraphic)

DOROFYEV, P.I.

Discovery of Miocene flora in the lower reaches of the Ob'
River. Dokl. AN SSSR 144 no.3:649-651 My '62. (MIRA 15:5)

1. Botanicheskiy institut im. V.L.Komsarova AN SSSR. Predstavleno
akademikom V.N.Sukachevym.
(Ob' River--Paleobotany)

DOROFYEV, P.I.

Pliocene flora of Bashkiria. Bot. zhur. 47 no.6:787-801 Je '62.
(MIRA 15:7)

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

(Bashkiria--Paleobotany, Stratigraphic)

BARANOVA, Yu.P.; DOROFYEV, P.I.

Age of the Nagayev formation. Dokl. AN SSSR 145 no.6:1335-1337
Ag '62. (MIRA 15:8)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Predstavleno akademikom A.L.Yanshinym.
(Nagayev Bay region—Geology, Stratigraphic)

DOROFYEV, Pavel Ivanovich; BAYKOVSKAYA, T.N., otv. red.; VIKHREV,
S.D., red. ~~izd-va~~; BOCHEVER, V.T., tekhn. red.

[Tertiary floras of Western Siberia] Tretichnye flory
Zapadnoi Sibiri. Moskva, Izd-vo Akad. nauk SSSR, 1963.
344 p. (MIRA 16:6)
(Siberia, Western--Paleobotany)

DOROFYEV, P.I.; SVESHNIKOVA, I.N.

Paleogene representatives of the genus Athrotaxis in
Kaliningrad Province. Paleont. zhur. no.2:116-125 '63.
(MIRA 16:8)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR.
(Kaliningrad Province—Taxodiaceae, Fossil)

DOROFYEV, P.I.

Tertiary plants of Kazakhstan. Bot.zhur. 48 no.2:171-181 F '63.
(MIR 16:4)

1. Botanicheskiy institut imeni V.L.Komarova. AN SSSR, Leningrad.
(Kazakhstan—Paleobotany, Stratigraphic)

DORCFEYEV, P.I.

Tertiary flora of Svetlogorsk, Kaliningrad Province. Dokl.
AN SSSR 152 no.4:983-984 O '63. (MIRA 16:11)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR.
Predstavleno akademikom V.N. Sukachevym.

DOROFYEV, P.I.

Pleistocene flora of the village of Vyshgorod on the Dnieper.
Bot. zhur. 49 no.8:1093-1100 Ag '64.

(MIRA 17:11)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

DOROFYEV, P. I.

Stepanian flora of Apsheronok. Dokl. AN SSSR 156 no. 1:
82-84 My '64. (MIRA 17:5)

1. Botanicheskiy institut im. V. L. Komarova AN SSSR.
Predstavleno akademikom V. N. Sukachevym.

IL'INSKAYA, I.A.; DOROFYEV, P.I.; SAMYLINA, V.A.; SNIGIREVSKAYA, N.S.;
SHILKINA, I.A.

Paleobotanical collections of the V.L.Komarov Botanical
Institute of the Academy of Sciences of the U.S.S.R. Bot.zhur.
50 no.10:1490-1497 0 '65. (MIRA 18:12)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

DOROFYEV, P.I.

Some problems of the history of flora. Bot.zhur.
50 no.11:1509-1522 N '65.

(MIRA 19:1)

1. Botanicheskiy institut imeni V.L.Korarova AN SSSR,
Leningrad. Submitted August 3, 1964.

DOROFYEV, P. S.

Drilling in Siberian rivers. Razved. i okh. nedr 28 no.6:
49-51 Je '62. (MIRA 15:10)

1. Krasnoyarskoye geologicheskoye upravleniye.

(Siberia—Underwater drilling—Equipment and supplies)

DOROFEEV, S.V.

RT-1252 (Manganese) Marganets. Pages 101-106 from:
GEOLOGICHESKAIA IZUCHENNOST' I MINERAL'NO-SYR'EVAIA BAZA SSSR. I.M.Gubkin, ed.
Moscow-Leningrad, 1939.

~~DEFENSE~~

DOROFYEV, S.V.

Materials on the population dynamics of fur seals on Tyuleniy Island.
Biol. NOIP. Otd. biol. 65 no.1:29-35 Jan-F '60. (MIRA 13:7)
(TYULENIY ISLAND—SEALS (ANIMALS))

~~DECLASSIFIED~~

DOROFYEV, S.V.

Soviet investigations on fur seals in the northern part of the Pacific Ocean. Trudy sov. Ikht. kom. no.12:164-169 '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut
morskogo rybnogo khozyaystva i okeanografii.
(Pacific Ocean--Seals(Animals))

DECEASED

BYCHKOV, V.A.; DOROFEYEV, S.V. [deceased]

Behavior of old fur seal bulls during the harem period. Zool.
zhur. 41 no.9:1433-1435 S '62. (MIRA 15:11)

1. All-Union Research Institute of Marine Fishery Management
and Oceanography, Moscow.
(Tuleniy Island--Seals (Animals))

DOROFYEV, V., inzh.

Conveyer with a clamp belt. Sov.shakht. 10 no.6:18-19 Je '61.
(MIRA 14:9)

(Conveying machinery)

DOROFYEV, V. A., inzh.; LIPOVSKIY, I. Ye., inzh.

Use of cinders from electric power plants for stone casting.
Energetik 10 no.8:12-14 Ag '62. (MIRA 15:10)

(Stone, Cast)

DOROFEYEV, V.A., inzh.; LIPOVSKIY, I.Ye., inzh.; KORABLIN, V.P.,
inzh.; KHAN, B.Kh., kad. tekhn. nauk

Obtaining stone castings of amphibolites. Mashinostroenie
no.1:38-41 Ja-F '63. (MIFA 16:7)

1. Donetskyy kammelitsynyy zavod (for Dorofeyev, Lipovskiy).
2. Institut liteynogo proizvodstva AN UkrSSR (for Korablin, Khan).

(Amphibolite)

LIPOVSKIY, Il'ya Yevseyevich; DOROFLEYEV, Vladimir Aleksandrovich

[Stone casting] Karmeliteinoe proizvodstvo. Moskva, Metallurgiya, 1965. 197 p. (MIRA 18:2)

ACCESSION NR: AR4032156

S/0058/64/000/002/A017/A017

SOURCE: Ref. zh. Fiz., Abs. 2A180

AUTHORS: Dorofeyev, V. A.; Zabiynkin, G. I.; Zamriy, V. N.; Markomenko, V. I.; Semashko, V. I.; Tulayev, B. P.; Cherny*y, A. V.; Shibayev, V. D.

TITLE: Automatization of the reduction of measurement results

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektron. T. 4. M., Gosatomizdat, 1963, 7-14

TOPIC TAGS: measurement results, data reduction, computer data reduction, computer data insertion, computer memory, direct coupling data insertion, rigid coupling free coupling

TRANSLATION: Problems are discussed involved in the automatization of the reduction of the experimental data obtained in multichannel

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analyzers, multicomputer systems (hodoscopes), and bubble chambers. It is concluded that it is most sensible to employ for this purpose the existing universal digital computers, capable of solving all mathematical problems. The most rational method of inserting the information is by direct coupling. An analysis based on estimates of the insertion of information into different units of a universal computer is shown that a system in which a large number of experimental data are inserted into the magnetic memory of the computer is among the most advantageous. Two possible coupling variants are considered: "rigid" coupling, when the information is inserted into the memory with the aid of the electronic units of the computer, and "free" coupling, when the information insertion does not depend on the state of the computer, but additional electronic apparatus is used for this purpose. The most promising and advantageous is the "free" coupling. The information is recorded on magnetic tape in this case in the form selected for the given type of computer. This makes it possible to accumulate the experimental data over a

Card 2/3

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long time without tying up the computer at the same time, and to process the experimental data without any insertion operations, by direct access to the magnetic memory. Specific features of automatized insertion of experimental data into a computer are discussed. L. I.

DATE ACQ: 31Mar64

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Card 3/3

DOROFEEV, V.A.

Making cast stone pipe by the static method. Lit. proizv.
no. 347 Mr '63. (MIRA 18:6)

DOROFYEV, V. F.: Master Tech Sci (diss) -- "Investigation of the mechanical processing of stereotypes". Moscow, 1959. 19 pp (Min Higher Educ USSR, Moscow Polygraphics Inst), 150 copies (KL, No 12, 1959, 129)

DOROFFYEV, V. F.

DOROFFYEV, V. F.: "Morphological-anatomic investigation of the vegetative organs of the cultivated representatives of the genus Brassica L." Moscow, 1955. Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. (Dissertation for the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis' No. 47, 19 November 1955. Moscow.

DOROFYEV, V.F., kand.biol.nauk

Effect of photoperiodic induction on morphological and anatomical
changes in some mustards. Izv.TSKhA no.2:217-224 '59.
(MIRA 12:8)
(Brassicaceae) (Plants, Effect of light on)

DOROFYEV, V.F.

Anatomic structure of the stem of some species of wheat and its bearing on lodging. Bot.zhur. 47 no.3:374-380 Mr '62. (MIRA 15:3)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.
(Wheat)

KOMAROV, S.G.; KITOV, A.N., inzh.; DOROFYEV, V.G.; SHEREMET'YEV,
M.A.; FOMIN, A.A.; KOSAREV, A.A.; SARANTSEV, Yu.S., red.;
VERINA, G.P., tekhn.red.

[Handbook for the repair of passenger cars] Spravochnik po
remontu passazhirskikh vagonov. Moskva, Vses.isdatel'sko-
poligr.ob"edinenie M-va putei soobshchenia, 1960. 631 p.
(MIRA 13:6)
(Railroads--Passenger cars--Maintenance and repair)

KRIVORUCHKO, Nikolay Zakharovich, kand. tekhn. nauk; SLUSHAYENKO, A.M., dotsent, retsenzent; YELISEYEV, F.G., dots., retsenzent; LERNET, K.S., dots., retsenzent; GLUKHOV, V.A., dots., retsenzent; KIYANOV, P.I., inzh., retsenzent; TSIMIDANOV, V.M., inzh., retsenzent; DOROFEYEV, V.G., inzh., retsenzent; KALEDENKOV, S.S., inzh., retsenzent; KOROLEV, A.N., inzh., retsenzent; LOKSHIN, Kh.A., inzh., retsenzent; FIRSOV, S.I., inzh., retsenzent; SHAKURSKIY, K.D., inzh., retsenzent; UTKIN, A.V., tekh., retsenzent; VALETOV, A.I., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Operation, management, and repair of rolling stock] Vagonnoe khoziaistvo. Moskva, Vses.izdatel'sko-poligr.ob"edirenie M-va putei soobshchenia, 1961. 319 p. (MIRA 14:11)

1. Kafedra "Konstruktsiya, remont i ekspluatatsiya vagonov" Rostovskogo instituta inzhenerov zheleznodorozhnogo transporta (for all except Valetov, Bobrova).

(Railroads—Rolling stock)

DOROFEYEV, V.G.; KITOV, A.N.; KRAVCHENKO, A.A., inzh., retsenzent;
BRAYLOVSKIY, N.G., inzh., red.; KHITROVA, N.A., tekhn.red.

[Servicing of passenger cars] Ekipirovka passazhirskikh
vagonov. Moskva, Izd-vo "Transport," 1964. 135 p.
(MIFA 17:3)

DOROFYEV, V.I.

Subject : USSR/Electricity AID P - 649
Card 1/1 Pub. 27 - 18/34
Author : Dorofeyev, V. I., Eng.
Title : Experiment with the introduction of automatic synchroni-
zation of synchronous generators and condensers in a
large power development
Periodical : Elektrichestvo, 9, 77-82, S 1954
Abstract : The recent operational practice with an automatic synchroni-
zation of 14 generators and 2 condensers is discussed. The
author presents his observations and conclusions. 5 diagrams.
Institution : Dneproenergo
Submitted : My 24, 1954

DOROFYEV, V.I., inzhener; PESOCHIN, M.I., inzhener; TOPOLYANSKIY, L.B.,
inzhener; LYULYAYEV, V.K., inzhener; TSIGER, R.M., inzhener.;
YEGANOV, B.N., inzhener; BARZAM, A.B., inzhener.

Simplifying relay protection. Elek.sta. 28 no.1:62-68 Ja '57.

(MLRA 10:3)

1. Dneproenergo (for Dorofeyev, Pesochin, Topolyanskiy) 2. Azenergo
(for Lyulyayev, TSiger) 3. Azizbekovskiy setevoy rayon Azenergo
(for Yeganov) 4. ODU Glavtsentrenergo (for Barsan).
(Electric lines)

BERKOVICH, Mikhail Arnol'dovich; VAVIN, Viktor Nikolayevich; GOLUBEV, Mikhail L'vovich; NAZAROV, Yuriy Grigor'yevich; RIEEL', Normund Yevgen'yevich; SAVOST'YANOV, Aleksey Ivanovich; SEMENOV, Vladimir Aleksandrovich; DOBOFEYEV, V.I., inzh., retsenzent; PESOCHIN, M.I., inzh., retsenzent; PERSHIN, V.I., inzh., retsenzent; AHTSISHEVSKIY, L.I., red.; GERR, A.D., red.; BORUNOV, N.I., tekhn. red.

[Manual on relay protection systems] Spravochnik po releinoi zashchite. [By] M.A. Berkovich i dr. Moskva, Gosenergoizdat, 1963. 512 p. (MIRA 16:9)
(Electric relays) (Electric protection)

DOROFEYEV, Vasilii Ivanovich, zootekhnik; TOLSTOV, M.A., red.

[We raise ducks without bodies of water] Vyrashchivaem utok bez vodoemov. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1963. 14 p. (MIRA 17:9)

1. Zernogradskaya gosudarstvennaya selektsionnaya stantsiya (for Dorofeyev).

СЕРОВИЧ, В. П.

"Congenital Fissure of the Upper Lip (harelip)."
Thesis for degree of Cand. Medical Sci. Sub 20
Dec 49, Central Inst for the Advanced Training of
Physicians.

Summary 82, 18 Dec 52, Dissertations Presented for
Degrees in Science and Engineering in Moscow in 1949.
From Vechernyaya Moskva, Jan-Dec 1949.

DOPOFEYEV, V.I.

~~Optimal time of surgical intervention in harelip.~~ *Pediatria, Mosk-*
va No.1:50. Jan-Feb 51. (CLML 20:6)

1. Of the Department of Maxillofacial Surgery of the Central Insti-
tute for the Advanced Training of Physicians.

1. DOROFYEV, V. I.
2. USSR (600)
4. Tumors
7. Minutes of the meeting of the Society of Surgeons of Moscow and Moscow Province of May 23, 1952. Khirurgiya, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953

TIKHONOVA, Z.I.; STEPANOVA, M.M., kandidat meditsinskikh nauk; MESHALKIN, Ye.N.,
kandidat meditsinskikh nauk; BAKULEV, A.N., professor; GULIAYEV, A.V., pro-
fessor; VOZNESENSKIY, V.P., professor; DMITRIYEV, I.P., professor; OGNEV,
B.V., professor; VAZA, D.L., professor; PETROY, B.A., professor, predseda-
tel'; DOROFYEV, V.I., sekretar'.

Minutes of the session of the Surgical Society of Moscow and Moscow Province
of June 27, 1952. Khirurgiya no.3:84-88 Mr '53. (MPA 6:6)

1. Khirurgicheskoye obshchestvo Moskvy i Moskovskoy Oblasti.
(Heart--Surgery) (Cardiovascular system--Surgery)

PETROV, B.A., professor, predsedatel'; DUBEYKOVSKAYA, E.G.' sekretar'; BOGAN-TSEV, N.I., kandidat meditsinskikh nauk; TERNOVSKIY, S.D., professor; MELIK-ARUTYUNOV, A.I. kandidat meditsinskikh nauk; PATSIORA, M.D., kandidat meditsinskikh nauk; YELANSKIY, N.N., professor; DUM'YE, N.G.; TAVONIUS, K.N.; GULYAYEV, A.V., professor; KAZANSKIY, V.I., professor; GROZDOV, D.Ye., professor; DOROFYEV, V.I.; LINDEMAN, V.I.; MAKHOV, N.I., dotsent.

Minutes of the session of the Surgical Society of Moscow and Moscow Province of September 12, 1952. Khirurgiia no.3:88-92 Mr '53. (MLRA 6:6)

1. Khirurgicheskoye obshchestvo Moskvy i Moskovskoy oblasti.
(Spleen--Surgery)

VISHNEVSKIY, A.A. professor, predsedatel'; CHISTOVA, M.A., sekretar'; KESHI-SHEVA, A.A.; KRICHEVSKIY, A.A., kandidat meditsinskikh nauk; UTESHEV, S.S., kandidat meditsinskikh nauk; BEGEL'MAN, A.A., kandidat meditsinskikh nauk; YELANSKIY, N.N.; ZATSEPIN, T.S. professor; PLOTKIN, P.M., professor; PATSIORA, M.D.; KAZANSKIY, V.I., professor; TROYAN, I.V.; FEDOROV, I.P.; FILIPPOV, A.V.; UTESHEV, S.S.; DOROFEYEV, V.I.

Minutes of the session of the Surgical Society of Moscow and Moscow Province of September 26, 1952. Khirurgiia no.3:92-95 Mr '53. (MLRA 6:6)

1. Khirurgicheskoye obshchestvo Moskvy i Moskovskoy oblasti. 2. Fakul'tetskaya 'chirurgicheskaya klinika sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta (for Krichevskiy).
(Heart--Surgery) (Arteries--Diseases)

PETROV, B.A.; DOROFYEV, V.I.

Intravenous application of novocain. Khirurgiia, Moskva no.4:16-22
Apr 1953. (CIML 24:4)

1. Professor for Petrov; Candidate Medical Sciences for Dorofayev.
2. Of the Institute imeni Sklifosofskiy (Head Surgeon -- Prof. B. A. Petrov).

~~SECRET~~

PETROV, B.A., professor, predsedatel'; ~~DOROFEEV, V.I.~~, sekretar'; MLYNCHIK, V.E.; KAZANSKIY, V.I., professor; BANAJLEV, A.N., professor; LEVIT, V.S., professor; PETROVSKIY, B.V., professor; PECHATNIKOVA, E.A.; SOLOV'YEV, A.Ye., professor; MAKHOV, N.I., dotsnet; YELANSKIY, N.N. professor; PLOTKIN, F.M., professor; VISHNEVSKIY, A.A., professor; VETCHINKIN, Yu.M.; GUREVICH, N.I., professor; OSIPOV, B.K., professor; TIKHONOVA, N.A.; RYZHIKH, A.N. professor; RUDYAVSKIY, B.A.; TERNOVSKIY, S.D., professor.

Minutes of the session of the Surgical Society of Moscow and Moscow Province of October 10, 1952. Khirurgiia no.4:92-95 Ap '53. (MLRA 6:6)

1. Khirurgicheskoye obshchestvo Moskvy i Moskovskoy Oblast.
(Esophagus--Surgery) (Esophagus--Cancer) (Rectum--Diseases)

DOROFYEV, V.I.; PETROV, B.A., professor, predsedatel'; GARIN, N.D., sekretar'.

Minutes of the Session of the Surgical Society of Moscow and Moscow
Province of October 24, 1952. Khirurgia no.5:91-93 My '53. (MLRA 6:7)

1. Khirurgicheskoye obshchestvo Moskvy i Moskovskoy oblasti (for Petrov
and Garin). (Ulcers) (Stomach--Tumors)

DOROFYEV, Y.I.; SALISHCHEV, V.E., professor, predsedatel'stvuyushchiy;
CHISTOVA, M.A., kandidat meditsinskikh nauk, sekretar'.

Minutes of the Session of the Surgical Society of Moscow and Moscow
Province of November 14, 1952. Khirurgiia no.5:94-95 My '53. (MLRA 6:7)

1. Khirurgicheskoye obshchestvo Moskvyy i Moskovskoy oblasti (for Salishchev
and Chistova). (Heart--Diseases)

DOROFYEV, V.I.

Minutes of the Session of the Surgical Society of Moscow and Moscow
Province of March 27, 1953. Khirurgia no.9:85-86 S '53. (MLRA 6:11)
(Metastasis)

DOROFYEV, V.I.

Minutes of the Sessions of the Surgical Society of Moscow and Moscow
Province of January 1 and 23, 1953 devoted to problems of vascular
surgery, Khirurgia no. 11:88-94 N '53. (MLRA 6:12)
(Moscow--Surgery) (Surgery--Moscow) (Blood vessels--Surgery)

DOROFYEV, V.I.

Minutes of the Conference of the Surgical Society of Moscow and
Moscow Province of April 24, 1953. Khirurgia no.12:76-78 D '53.
(MLRA 7:1)

(Moscow Province--Surgery) (Surgery--Moscow Province)
(Chest--Surgery)

DOROFYEV, V.I. (Kazan')

Aureomycin for treating pulpitis. Stomatologia 36 no.3:17-19
My-Je '57. (MIRA 10:9)
(AUREOMYCIN) (TENTH--DISMASMS)

DOROFYEV, V.I.

Treating hyperesthesia of the exposed dentine in paradentosis.
Stomatologiya 37 no.5:65 S-0 '58 (MIRA 11:11)

1. Iz stomatologicheskoy polikliniki (Kazan')
(TEETH--DISEASES)

DOROFYEV, V.I.

Treatment of parodontosis. Stomatologiya 38 no.5:60-61 S-0 '59.
(MIRA 13:3)

1. Iz stomatologicheskoy polikliniki (Kazan').
(GUMS--DISRASES)

DOROFEYEV, V.I.

Calculus in the maxillary sinus. Stomatologiya 41 no.4:90 J1-Ag '62.
(MIRA 15:9)

1. Iz kafedry gosptal'noy khirurgii (zav. - prof. P.P.Khokhlov)
Karagandinskogo gosudarstvennogo meditsinskogo instituta.
(CALCULI) (MAXILLARY SINUS--DISEASES)

ACC NR: AR6035110 SOURCE CODE: UR/0137/66/000/008/1008/1008

AUTHOR: Savintsev, P. A.; Rogov, V. I.; Dorofeyev, V. I.

TITLE: Contact melting of similar metals

SOURCE: Ref. zh. Metallurgiya, Abs. 8156

REFSOURCE: Sb. Poverkhnostn. yavleniya v rasplavakh i vznikayushchikh iz nikh tverd. fazakh. Nal'chik, 1965, 177-179

TOPIC TAGS: melting, contact melting

ABSTRACT: The contacting of two identical metals accompanied by slow heating results in the formation of liquid films on the surface of both metals prior to reaching the melting point. The conditions of a minimum surface-energy system lead to the fusion of these films. As a result of this, the cooling of the system makes it possible to lock-weld similar samples in contact. This phenomenon is called "contact melting of identical substances." I. Tulupova. [Translation of abstract] [NT]

SUB CODE: 11/

UIC: 669.017:536.421

DOROFYEV, V. L.

Dorofeyev, V. L.

"The architectural heritage of the people's dwellings in Latvia."
Moscow Architecture Inst. Moscow, 1956. (Dissertation for the
Degree of Candidate in Architectural Science)

So: Knizhnaya letopis', No. 25, 1956

DOROFYEV, V.L.

Using universal attachments in piece production. *Energomashinostroenie*
4 no.2:21-23 F '58. (MIRA 11:4)
(Machine-shop practice)

DOROFEYEV, Vasilii Ivanovich

[We are raising ducks without bodies of water] Vyra-
shchivaem utok bez vodoemov. Rostov-na-Donu,
Rostovskoe knizhnoe izd-vo, 1963. 14 p. (MIRA 18:4)

DOSSER, Ye.M.; RAPOPORT, R.I.; YERMAKOVA, M.N.; AKOPOVA, I.I.; DOROFEYEV, V.M.

Production of monlayer cell cultures from the tissues of different animals. Vop.virus. 7 no.3:336-343 My-Je '61. (MIRA 14:7)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.
(TISSUE CULTURE)

DOSSER, Ye.M.; DOROFYEV, V.M.; FADEYEVA, L.L.; RAPOPORT, R.I.;
SHEBOLDAYEVA, A.D.

Multiplication of the measles virus in tissue cultures of different
animals. Vop.virus 7 no.4:11-17 J1-Ag '62. (MIRA 15:8)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh pre-
paratov.

(MEASLES) (TISSUE CULTURE)

ACCESSION NR: AP4013297

S/0135/64/000/002/0041/0041

AUTHOR: Dorofeyev, V. M. (Professor); Murkin, L. P. (Engineer); Shadov, V. P. (Engineer); Sivirkin, V. F. (Engineer); Marty*nov, V. I. (Engineer)

TITLE: Gas-arc welding torch with vortex stabilization of the arc

SOURCE: Svarochnoye proizvodstvo, no. 2, 1964, 41

TOPIC TAGS: welding, welding torch, gas-arc welding torch, arc stabilization, vortex arc stabilization

ABSTRACT: The article describes the GEG-1A gas-arc welding torch with vortex arc stabilization, developed and produced at the Kuyby*shevskiy aviatsionny* Institut (Kuyby*shev Aviation Institute). The anode is in the form of a copper nozzle with an output diameter of 3.5 mm and a sliding seating arrangement in a tin housing. The cathode used is a tungsten rod 7 mm in diameter set in a fixed position with respect to the nozzle. The electrode assembly is cooled by water fed into the tin electrode holder. The nozzle and electrode assemblies are insulated from each other by a textolite casing with screwed-in nipple for argon feed. The argon is fed into the chamber through two tangential apertures. The introduction into the torch of vortical argon feed eliminated nozzle wear. All three major torch assemblies (nozzle unit, housing electrode unit) are threaded

Card 1/2

ACCESSION NR: AP4013297

together and sealed with layers of conventional technical rubber. Electric current is supplied from a single PS-500 welding converter. A particular feature of the argon supply system is the presence in it of a jet 1.19 mm in diameter; during operation of the torch, a supercritical pressure gradient is set up on this jet, providing for constant argon consumption for the established pressure and variable torch operation modes. The technical specifications of this torch are listed. Orig. art. has: 2 figures.

ASSOCIATION: Kuybyshhevskiy Aviatsionnyy Institut (Kuybyshhev Aviation Institute)

SUBMITTED: 00

DATE ACQ: 26Feb64

ENCL: 00

SUB CODE: ML, SD

NO REF SOV: 000

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ACCESSION NR: AP4043418

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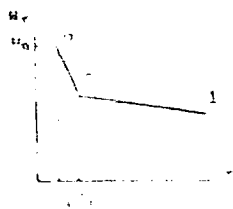


Fig. 1. H_T values

DOSSER, Ye.M.; DOROFEYEV, V.M.

Growing cells of renal tissue of rhesus monkeys by the
submerged method. Trudy Mosk. nauch.-issl. inst. virus.
prep. 2:236-245 '61. (MIRA 17:1)

RAPOPORT, R.I.; DOROFYEV, V.M.; SHEBOLDAYEVA, A.D.; LEBEDEVA, L.I.

Effect of the monkeys' age on the morphology of a culture
of testicular cells on their susceptibility to the polio-
myelitis virus. Trudy Mosk. nauch.-issl. inst. virus. prep.
2:246-253 '61. (MIRA 17:1)

L 15712-66 ENT(1)/ENT(M)/ENT(M)/EWA(d)/T/FCS(k)/IWA(1) WW/JW/WE

ACC NR: AT6003104

SOURCE CODE: UR/3181/63/000/015/0325/0330

AUTHOR: Dorofeyev, V.M.; Levin, V.Ya.; Yemel'yanov, Ye.I.

ORG: None

TITLE: Method of testing powder type gas generators

SOURCE: Kuybyshev. Aviatsionnyy institut. Trudy, no. 15, pt. 2, 1963. Doklady kustovoy nauchno-tekhnicheskoy konferentsii po voprosam mekhaniki zhidkosti i gaza (Reports of the Joint scientific-technical conference on problems of the mechanics of liquid and gas), 325-330

TOPIC TAGS: gas engineering, combustion engineering, test method

ABSTRACT: The experimental unit permitted oscillograph recording of the change in weight of the fuel charge during the combustion process. A scheme of the apparatus is given in the article. The experiments were aimed at answering a series of practical questions in the design of more efficient powder type gas generators: determination of the gas flow rate through the nozzle, temperature of the gas before the nozzle, velocity of the gas through the nozzle opening, and the magnitude of the linear rate of fuel combustion in the chamber, as well as measurement of the change in weight of the fuel. Formulas are developed in the article for calculation of the temperature of the gas before and

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N 44, 5

Card 1/2

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ACC NR: AT6003104

after the nozzle. No actual experimental data are given. Orig. art. has: 14 formulas and 5 figures. ○

SUB CODE: 10 SUBM DATE: 00/ ORIG REF: 001/ SOV REF: 000/ OTH REF: 000
21

TS
Card 2/2

SCV/124-59-8-8744

Translation from: Referativnyy zhurnal, Mekhanika, 1959, Nr 8, p 64 (USSR)

AUTHOR: Dorofeyev, V.M.

TITLE: On the Thermodynamical Theory of Compression Ignition in Piston Engines

PERIODICAL: Tr. Kuybyshevsk. aviats. in-t, 1957, Nr 3, pp 83 - 87

ABSTRACT: The author discusses, on the basis of a simplified thermodynamical calculation, the ignition of gasoline-air mixtures in carburetor engines and of the injected fuel in Diesel engines during the outflow of the residual gases of the previous cycle from the ignition chamber, which is connected with the combustion chamber by a controlled valve. For this purpose, the author writes down the expressions for the material and energetical balances of the process of gas transition into the combustion chamber and backwards; the processes are considered under idealized conditions (adiabatic gas expansion, resting piston, isolation from the surrounding medium, ideal gas, instantaneous attenuation of the kinetic energy of gases, absence of the effect of molecularity of gases). The

Card 1/2

SOV/124-59-8-8744

On the Thermodynamical Theory of Compression Ignition in Piston Engines

final temperature of gases in the ignition chamber is determined, which gives the basis for the judgment on the possibility of ignition of the fuel-air mixture in the ignition chamber. The effect of the gas transition into the ignition chamber on the thermal efficiency is taken into account under the assumption of charge cooling merely by adiabatic expansion, which is implied also in the conventional expression for the thermal efficiency. The results of the theoretical investigation are expressed in terms of a conditional compression ratio, for which the temperature at the end of the adiabatic compression is equal to the temperature in the ignition chamber at different ratios of the volumes of the combustion and ignition chambers. The effect on the thermal efficiency of the idealized cycle amounts to 2% for a compression ratio $\epsilon = 6$ and a chamber volume ratio of 0.05.

B.D. Zaloga



Card 2/2

69345
SOV/123-59-20-85456

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 20, p 392 (USSR)

10.6000 26.1000
AUTHORS: Dorofeyev, V.M., Levin, V.Ya.

TITLE: Device for the Impulse Recording of Pulsating Jets (Impulse Gage)

PERIODICAL: Tr. Kuybyshevsk. aviats. in-ta, 1958, Nr 6, pp 49 - 55

ABSTRACT: The authors investigate the circuit and give a description of the design of the device (D) - an impulse gage³ for the recording of the instantaneous value of jet thrust³. The operation principle of the D consists in the active method of measuring the jet thrust. A trap (plate), cantilever-suspended on the shaft, and rigidly fastened in a stationary bushing, oscillates under the effect of pressure from a moving stream which hits the trap from the nozzle. The shaft on which the trap is suspended, undergoes a bending deformation. On the shaft (in parallel planes), at an equal distance from the trap axle, two identical wire-type resistance pick-ups (tensometers) are glued, which represent the two arms of a Wheatstone bridge. The presence of two pick-ups, placed under identical conditions, but being submitted to different deformations (tension and compression), ensures the thermal compensation, i.e. eliminates the

Card 1/2

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Device for the Impulse Recording of Pulsating Jets (Impulse Gage)

temperature effects of the surrounding medium and shaft on the recording of D. The bridge is supplied with current of 4,000 cycles from a sound generator. The variations of current with time obtained from the bridge, are transmitted through a special amplifier to the oscillograph loop and are fixed there. The D makes it possible to measure the impulse of a moving gas jet, to record the thrust at a given time, and to investigate the pulsating stream, taking into account the unsteadiness. It makes it possible to determine impulse losses of the pulsating jet when the latter is flowing from the nozzle. If, with the aid of D, the operating pulsating chamber is investigated, it is possible to obtain additional functions which facilitate the investigation of the operation process of the chamber. The principal circuits of the D are given, as well as an exemplary oscillogram of the trap fluctuations.

L.I.A.

Card 2/2

X

SOV/124-59-8-8894

Translation from: Referativnyy zhurnal, Mekhanika, 1959, Nr 8, pp 82 - 83
(USSR)

AUTHOR: Dorofeyev, V.M.

TITLE: ~~XXXXXXXXXXXXXXXXXXXX~~
Cooling System With a Vortex Pipe

PERIODICAL: Tr. Kuybyshevsk. aviats. in-t, 1958, Nr 6, pp 69 - 72

ABSTRACT: An energy analysis of the effect of air separation into hot and cold air within a vortex pipe with an without an intermediate heat exchanger is performed. Discussing the design of the cooling system with a vortex pipe, the author compares the coefficient of the temperature effectiveness η of the pipe with the coefficient of temperature effectiveness η' of the system having an intermediate heat exchanger. It is shown that the coefficient η' attains considerably greater values than the coefficient η . The study represents an interest for practice, and the design of the cooling system discussed by the author can be applied to the laboratory practice and in some cases also in industry.

Card 1/1

M.G. Dubinskiy ✓

PHASE I BOOK EXPLOITATION

SOV/5971

Dorofeyev, Vitaliy Mitrofanovich, and Veniamin Yakovlevich Levin

Ispytaniya vozdušno-reaktivnykh dvigateley (The Testing of Air-Breathing Jet Engines) Moscow, Oborongiz, 1961, 220 p. Errata slip inserted 10,000 copies printed.

Reviewer: A. A. Lakhtovski, Candidate of Technical Sciences; Ed.: L. S. Skubachevskiy, Engineer; Ed.: L. I. Sheynfayn; Tech. Ed.: L. A. Garnukhina; Managing Ed.: S. D. Krasil'nikov, Engineer.

PURPOSE: This book is intended for use as a textbook at schools of higher technical education. It may also be useful to industrial engineers.

COVERAGE: The book deals with various types of tests for air-breathing jet engines. Described are techniques and methods for the processing of measurement data, measuring instruments and devices, and laboratory and test-stand equipment. Ch. VI was written by S. N. Yerevin, Engineer. V. S. Kondrusev, Engineer, wrote Ch. VII. The authors thank G. M. Gorbunov, L. B. Yevangulov, and Yu. K. Zastel, Docents; A. A. Lakhtovski, Candidate of Technical Sciences; Z. L. Kropp, Engineer; V. N. Pikul,

Card 1/5

The Testing of Air-Breathing(Cont.)

80V/5971

Engineer; and members of the faculty of the Kubyshhevskiy aviatsionnyy institut (Kubyshhev Aviation Institute) and L. S. Skubachevskiy, for their advice and assistance with the manuscript. There 38 references: 32 Soviet and 6 English.

TABLE OF CONTENTS(Abridged):

Foreword	3
Ch. I. Types of Tests for Air-Breathing Jet Engines	5
1. Scientific research tests	5
2. Experimental tests	7
3. Serial tests	9
Ch. II. Elements of Metrology	12
1. Measures, measuring instruments, and their errors	12
2. Kinds of measurements	16
3. Measuring errors	16
4. Processing of experimental data by the method of least squares	18

Card 2/5

The Testing of Air-Breathing(Cont.)

80V/5971

Ch. III. Measuring Instruments and Devices	28
1. Measuring pressure	28
2. Measuring temperature	41
3. Measuring flow parameters and flow rates	56
4. Gas analysis	79
5. Measuring thrust and moment	80
6. Measuring rpm	87
7. Measuring fast-changing values	95
8. Measuring oscillations and temperatures of rotating parts	102
Ch. IV. Laboratories for Testing Engines, Their Sub-assemblies, and Systems	107
1. General information on the laboratory equipment	107
2. Laboratories for altitude tests of engines	113
3. Installation for testing turbomachines	119
4. Installation for testing combustion chambers	124
5. Installation for testing auxiliary systems of aircraft engines	128
Ch. V. Testing Stations	132
1. Classification of testing stations and requirements	132
Card 3/5	

The Testing of Air-Breathing(Cont.)

80V/5971

2. Testing enclosures	134
3. Control stands	138
4. Testing installation and their arrangement in a station	141
5. Testing stands and method of thrust determination	143
6. Testing stands and methods of determining the torques	157
7. Stands for measuring the equivalent power of turboprop engines	167
8. Systems of testing installations	164
9. Calculation of the necessary number of stands	169
10. Methods of combating noise in testing stations	170
11. Safety technique in testing	179
Ch. VI. Technology of Serial Tests for Air-Breathing Jet Engines	182
1. Technology of serial tests for turboprop engines	182
2. Special features of long-duration tests	193
3. Special features of turbojet-engine tests	194
4. General information on ramjet tests	195
Ch. VII. Engine Flight Tests	195
1. Aircraft for engine flight tests	199
2. Measurements in flight tests	201

Card 4/5

The Testing of Air-Breathing(Cont.)

80V/5971

3. Methods for the flight testing of turbojet engines

206

Bibliography.

216

AVAILABLE: Library of Congress (TL709.3.R3D6)

SUBJECT: Aerospace

Card 5/5

AD/wrc/lac
8/24/62

ZALKIND, S.Ya.; RAPOPORT, R.I.; DOROFFEYEV, I.M.

Cytochemical study of testicular tissue culture of the monkey.
TSitologiya 6 no.1:81-85 Ja-F '64. (MIRA 17:9)

1. Laboratoriya virusnoy tsitologii Nauchno-issledovatel'skogo instituta
virusnykh preparatov, Moskva.

DOROFEYEV, V.M.

Effect of temperature, pressure and abundance ratio of
the air flowing into a calorimeter on the efficiency of
kerosines. *Izv. vys. ucheb. zav.; av. tekhn.* 7 no.3:45-49 '64.
(MIRA 17:9)

DOROFEYEV, V.M., prof.; MURKIN, L.P., inzh.; SHADOV, V.P., inzh.; SIVIRKIN,
V.F., inzh.; MARTYNOV, V.I., inzh.

Gas and electric burner with vortex stabilization of the arc. Svar.
proizv. no.2:41 F '64. (MIRA 18:1)

1. Kuybyshevskiy aviatsionnyy institut.

DOSSFR, Ye.M.; DOROFKIEV, V.M.; RAPOPORT, R.I.

Cultivation of the measles virus in human diploid cells. Vop.
virus. 9 no.6:696-701 N-D '64. (MIRA 18:11)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh
preparatov.

DOROFEYEV, V.M.; POLUSHKIN, B.V.; TSYRAN, N.I.

Thermal and anaphylactoid edemas in acute radiation sickness.
Vest. AMN SSSR 20 no.9:78-83 '65.

(MIRA 18:11)

1. Institut meditsinskoy radiologii AMN SSSR, Obninsk.

ZALKIND, S.Ya.; DOSSER, Ye.M.; DOROFYEV, V.M.

Comparative morphological study of the renal tissue culture in
some vertebrates. Arkh.anat., gist. i embr. 49 no.10:12-17
0 '65. (MIRA 18:12)

1. Laboratoriya virusnoy tsitopatologii (zav. - prof. S.Ya.
Zelkind) Moskovskogo nauchno-issledovatel'skogo instituta
virusnykh preparatov. Submitted June 30, 1964.

L 11211.66 FSS-2 /EWT(1)/EWT(m) JD

REC NO: AR6025389 SOURCE CODE: UR/0285/88/000/004/0022/0022

AUTHOR: Averkiyev, S. M. ; Dorofeyev, V. M. ; Zakharov, Yu. A. 14

ORG: none 8

TITLE: A brake for testing axial microturbines

SOURCE: Ref. zh. Turbostroyeniye, Abs. 4, 49, 137

REF SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 22, 1965, 15-21

TOPIC TAGS: microturbine, axial microturbine, brake, test brake/UIMT-6 brake

ABSTRACT: A study has been made of the design, characteristics, and operational features of the UIMT-6 brake manufactured by the Thermodynamic Laboratory of the Kuybyshev Aviation Institute for Research on Microturbines and their Components. [Translation] 25 [FM]

SUB CODE: 13/

Card 1/1 mt

ACC NR: AP6021580 (N) SOURCE CODE: UR. 0402/66/000/003/0373/0373

AUTHOR: Dorofeyev, V. M.; Borisoglebskaya, N. V.

ORG: Laboratory of Cortical and Viral Cytopathology, Moscow Viral Preparations Research Institute (Laboratoriya kori i virusnoy tsitopatologii Moskovskogo nauchno-issledovatel'skogo instituta virusnykh preparatov)

TITLE: Cytopathic effect of virus in tissue culture

SOURCE: Voprosy virusologii, no. 3, 1966, 373

TOPIC TAGS: virology, pathogen, cytopathic effect, virus tissue culture, DNA, RNA, cell fraction, *VIRUS, CYTOLOGY, HISTOLOGY*

ABSTRACT:
Inclusions in cortical cells caused by three virulent virus strains were studied by fixing and then staining tissue preparations with acridine orange to reveal DNA. Other tests revealed that the Brachet RNA reaction was negative and that the viruses are resistant to the effects of pepsin and nuclease but are sensitive to treatment with pepsin DNA-ase. It was suggested that the inclusions contain DNA and not RNA. However, the resistance of the inclusions to acid hydrolysis indicated RNA. Possibly the inclusions consist of a unique replicating nucleic acid.

SUB CODE: 06/ SUBM DATE: none/ [W.A. 50; CBE No. 10]

Card 1/1