

BLAGOVESHCHENSKIY, Dmitriy Ivanovich; PAVLOVSKIY, Ye.N., akademik, glavnyy
red.; BUKHOVSKIY, B.Ye., red.; STRELKOV, A.A., red.; ~~SHTAKEL'BERG,~~
A.A., red.; PUKHAL'SKAYA, L.F., red.; izd-va; ZENDEL', M.Ye., tekhn.
red.

[Lice (Siphunculata) parasitic on domestic animals] Vshi (Siphunculata)
domashnikh mlekopitaiushchikh. Moskva, Izd-vo Akad.nauk SSSR, 1960.
86 p. (Opredeliteli po faune SSSR, no.73). (MIRA 13:12)
(Anoplura) (Parasites—Domestic animals)

GUTSEVICH, Aleksandr Vasil'yevich; PAVLOVSKIY, Ye.N., akademik, glavnyy
red.; BYKHOVSKIY, B.Ye., red.; STRELKOV, A.A., red.;
SHTAKEL'BERG, A.A., red.vypuska; KRUGLIKOVA, N.A., tekhn.red.

[Bloodsucking midges (Diptera, Heleidae) in the fauna of the
U.S.S.R.] Krovososushchie mokretsy (Diptera, Heleidae) fauny
SSSR. Moskva, Izd-vo Akad.nauk.SSSR, 1960. 130 p. (Opredeliteli
po faune SSSR no.72). (MIRA 13:8)
(Diptera)

SKARIATO, Orest Aleksandrovich; PAVIOVSKIY, Ye.N., akademik, glavnyy red.; BYKHOVSKIY, B.Ye., red.; VINOGRADOV, B.S. [deceased], red.; STRELKOV, A.A., red.izdaniya; SHTAKEL'BERG, A.A., red.; VEL'YATAGO, N.A., red.izd-va; ARONS, R.A., tekhn.red.

[Bivalvular mollusks in Far Eastern seas of the U.S.S.R. (order Dysodonta)] Dvustvorchatye molliuski dal'nevostochnykh morei SSSR (Otriad Dysodonta). Moskva, Izd-vo Akad.nauk SSSR, 1960. 151 p. (Opredeliteli po faune SSSR, no.71).

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Soviet Far East--Lamellibranchiata)

ARNOL'DI, L.V.; BORKHSENIUS, N.S.; GUR'YEVA, Ye.L.; DERBENEVA, N.N.;
YEMEL'YANOV, A.F.; KERZHNER, I.M.; KUZNETSOV, V.I.; LISINA,
L.M.; MISHCHENKO, L.L.; NARCHUK, E.P.; SHAPIRO, I.D.; SHAPOSHNI-
KOV, G.Kh.; SHTAKEL'BERG, A.A.; PUKHAL'SKAYA, L.P., red.izd-va;
KRUGLIKOVA, N.A., tekhn.red.

[Insect pests of corn in the U.S.S.R.; reference book] Naseko-
mye, vrediashchie kukuruze v SSSR; spravochnik. Moskva, 1960.
227 p. (MIRA 13:3)

1. Akademiya nauk SSSR. Zoologicheskii institut. 2. Zoologi-
cheskii institut AN SSSR (for Arnol'di, Borkhsenius, Gur'yeva,
Derbeneva, Yemel'yanov, Kerzhner, Kuznetsov, Mishchenko, Narchuk,
Shaposhnikov, Shtakel'berg). 3. Vsesoyuznyi inatitut zashchity
rasteniy Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni
V.I.Lenina (for Lisina, Shapiro).
(Corn (Maize)--Diseases and pests)
(Insects, Injurious and beneficial)

PAVLOVSKIY, Ye.N., akademik, glavnyy red.; BYKHOVSKIY, B.Ye., red.;
STRELKOV, A.A., red.toma; SHTAKEL'BERG, A.A., red.; KRUGLIKOVA,
N.A., tekhn.red.

[Pogonophora] Pogonofory. Moskva, Izd-vo Akad.nauk SSSR, 1960.
271 p. (Fauna SSSR, no.75) (MIRA 13:4)
(Pogonophora)

MEDVEDEV, Sergey Ivanovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
BYKHOVSKIY, B.Ye., red.; STRELKOV, A.A., red.; SHTAKEL'BERG,
A.A., red.; KRYZHANOVSKIY, O.L., red.vypuska; KRUGLIKOV, N.A.,
tekhn.red.

[Coleoptera. Vol.10, no.4: Lamellicorns (Scarabaeidae); sub-
families Euchirinae, Dynastinae, Glaphyrinae, Trichiinae]
Plastinchatousye (Scarabaeidae). Podsem. Euchirinae, Dynastinae,
Glaphyrinae, Trichiinae. Moskova, Izd-vo Akad. nauk SSSR, 1960.
397 p. (Fauna SSSR, no.74) (MIRA 13:4)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Scarabaeidae)

PORTENKO, Leonid Aleksandrovich; PAVLOVSKIY, Ye.N., akademik, glavnyy
red.; BYKHOVSKIY, B.Ye., red.; STRELKOV, A.A., red.; STRELKOV,
A.A., red.; SHTAKEL'BERG, A.A., red.; IVANOV, A.I., red.izdaniya;
GOLOVNIN, M.I., red.izd-va; ARONS, R.A., tekhn.red.

[Birds of the U.S.S.R. Pt.4.] Ptitsy SSSR. Pt.4. Moskva, Izd-vo
Akad.nauk SSSR, 1960. 414 p. (Opredeliteli po faune SSSR, no.69.)
(MIRA 13:3)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Passeriformes)

NAUMOV, Donat Vladimirovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
BYKHOVSKIY, B.Ye., red.; VINOGRADOV, B.S., red. [deceased];
STRELKOV, A.A., prof., red.; SHTAKEL'BERG, A.A., red.;
SMIRNOVA, A.V., tekhn.red.

[Hydroids and hydromedusae in marine, brackish, and fresh-water
basins of the U.S.S.R.] Gidroidy i gidromeduzy morskikh,
solonovatovodnykh i presnovodnykh basseinov SSSR. Moskva, Izd-vo
Akad. nauk SSSR, 1960. 585 p. (Opredefiteli po faune SSSR,
no.70) (MIRA 13:7)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Hydrozoa)

SHTAKEL' BERG, A.A.

New Syrphidae (Diptera) species from the Caucasus. Ent.
oboz. 39 no.2:438-449 '60. (MIRA 13:9)

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

SHTAKEL'BERG, A.A.

In memory of Vladimir Ven'iaminovich Popov (1902-1960). Ent.
oboz. 40 no.1:233-239 '61. (MIRA 14:4)

(Popov, Vladimir Ven'iaminovich, 1902-1960)

BELODYENKO, G.Ya.; SHTAKEL'BERG, A.A.

V.V. Popov. Zashch. rast. ot vred. 1 bol. 6 no.3:63 Mr '61.

(MIRA 15:6)

(Popov, Vladimir Veniaminovich, 1901-1960)

NAUMOV, Donat Vladimirovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
STRELKOV, A.A., red.; BYKHOVSKIY, B.Ye., red.; GROMOV, I.N., red.;
MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A.;
ZAMARAYEVA, R.A., tekhn.red.

[Scyphomedusae in the seas of the U.S.S.R.] Stsifoidnye meduzy
morei SSSR. Moskva, Izd-vo Akad.nauk SSSR. 1961. 97 p.
(Opredeliteli po faune SSSR, no.75). (MIRA 15:2)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Scyphomedusae)

TOMLIN, Avenir Grigor'yevich, prof.; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; CHAPSKIY, K.K., red.; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; STRELKOV, A.A., red.; SHTAKEL'BERG, A.A., red.; MAKAROV, B.M., red.izd-va; ROMANOV, G.M., tekhn.red.; NOVICHKOVA, N.D., tekhn.red.

[Cetaceans of the seas of the U.S.S.R.,] Kitoobraznye fauny morei SSSR. Moskva, Izd-vo Akad.nauk SSSR, 1962. 211 p.
(Opredeliteli po faune SSSR, no.79). (MIRA 15:8)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Cetacea)

KOZLOVA, Yelizaveta Vladimirovna; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
~~IVANOV~~, A.I., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.;
MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; STRELKOV, A.A., red.;
~~SHAKEL'BERG, A.A.~~, red.; KOZLOVA, G.I., red.izd-va;
BOCHEVER, V.T., tekhn.red.

[Charadriiformes; the suborder of shore birds] Rzhankobraznye;
Podotriad kuliki. Moskva, Izd-vo Akad.nauk SSSR. Vol.2, no.1.
[Birds] Ptitsy. 1962. 432 p. (Fauna SSSR, no.81) (MIRA 15:6)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Shore birds)

SHTAKEL'BERG, A.A.

Materials on Diptera of Leningrad Province. Report No.5:
Dolichopodidae. Trudy Zool.inst. 31:280-317 '62. (MIRA 16:1)
(Leningrad Province—Dolichopodidae)

SHTAKEL'BERG, A.A.

Materials on Diptera of Leningrad Province. Report No. 6:
Diptera, Calyptrata. Part 1. Trudy Zool.inst. 31:318-388
'62. (MIRA 16:1)

(Leningrad Province—Flies)

RUBTSOV, Ivan Antonovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M.,
red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SETAKEL'BERG,
A.A., red.; BORISOV, K.A., red.izd.; SMIRNOVA, A.V., tekhn.red.

[Concise classification key of the bloodsucking black flies of the
U.S.S.R.] Kratkii opredelitel' kroyososushchikh moshek fauny SSSR.
Moskva, Izd-vo Akad.nauk SSSR, 1962. 227 p. (Opredeliteli po
faune SSSR, no.77). (MIRA 15:8)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Black flies)

CHEKANOVSKAYA, Ol'ga Vitol'dovna; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.;
GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red;
SHTAKEL'BERG, A.A., red.; VEL'YATAGO, N.A., red.izd-va;
SMIRNOVA, A.V., techn.red.

[Aquatic oligochaeta worms of the fauna of the U.S.S.R.]
Vodnye maloshchetinkovye chervi fauny SSSR. Moskva, Izd-vo
Akad. nauk SSSR, 1962. 411 p. (Opredeliteli po faune
SSSR, no.78). (MIRA 15:11)

1. Direktor Zoologicheskogo instituta AN SSSR (for
Pavlovskiy).

(Oligochaeta)

GUR'YANOVA, Yevpraksiya Fedorovna; PAVLOVSKIY, Ye.N., akademik, glav. red.
STRELKOV, A.A., prof., red. izdaniya; BYKHOVSKIY, B.Ye., red.;
GROMOV, I.M., red., red.; MONCHADSKIY, A.S., red.; SKARLATQ, O.A.,
red.; SHTAKEL'BERG, A.A.; VEL'YATAGO, N.A., red. izd-va;
KONDRAT'YEVA, M.N., tekhn. red.

[Amphipods of the northern part of the Pacific Ocean (Amphipoda-
Gammaridea). Part 1] Bokoplavy severnoi chasti Tikhogo okeana
(Amphipoda-Gammaridea); chast' 1. Moskva, Izd-vo Akad.nauk SSSR,
1962. 440 p. (Operadeliteli po faune SSSR, no.74.) (MIRA 15:6)

1. Direktor Zoologicheskogo instituta Akademii nauk SSSR
(for Pavlovskiy). (Pacific Ocean--Gammaridae)

KLYUGE, German Avgustovich [deceased]; PAVLOVSKIY, Ye.N., akademik, glav. red.;
STRELKOV, A.A., prof., red. toma; BYKHOVSKIY, B.Ye., red.;
GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.;
SHTAKEL'BERG, A.A., red.; VEL'YATAGO, N.A., red. izd-va;
VINOGRADOVA, N.V., tekhn. red.

[Bryozoa of the northern seas of the U. S. S. R.] Mshanki
severnnykh morei SSSR] Moskva, Izd-vo Akad.nauk SSSR, 1962.
584 p. (Opredeliteli po faune SSSR, no.76.) (MIRA 15:6)

1. Direktor Zoologicheskogo instituta Akademii nauk SSSR (for
Pavlovskiy).

(Arctic regions--Polyzoa)

LIKHAREV, Il'ya Mikhaylovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M.;
red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG,
A.A., red.; ZENDEL', M.Ye., tekhn.red.

[Mollusks Clausiliidae] Klausiliidy (Clausiliidae). Moskva,
Izd-vo Akad.nauk SSSR, 1962. 317 p. (Fauna SSSR, No.83.
Molluski, vol.3, no.4) (MIRA 16:2)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Clausiliidae)

GRUNIN, Konstantin Yakovlevich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
SHTAKEL'BERG, A.A., prof., red.; BYKHOVSKIY, B.Ye., red; GROMOV,
I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.;
STRELKOV, A.A., red.; MAKOVSKAYA, L.M., red.izd-va; BOCHEVER,
V.T., tekhn.red.

[Warble flies (Hypodermatidae)] Podkozhnye ovoda (Hypodermatidae).
Moskva, Izd-vo Akad.nauk SSSR, 1962. 237 p. (Fauna SSSR, Ser. 82
no. Nasekomye dvukrylye, vol.19, no.4). (MIRA 16:4)
(Warble flies)

SHTAKEI'BERG, A.A.

Diptera of the genus *Tetanocera* Dm. (Diptera, Sciomyzidae)
of the European part of the U.S.S.R. Ent. oboz. 42 no. 4:
912-923 '63. (MIRA 17:8)

1. Zoologicheskii institut AN SSSR, Leningrad.

GOLIKOV, Aleksandr Nikolayevich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.;
MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A.,
red.; KONDRAT'YEVA, M.N., tekhn.red.

[Gastropods of the genus Neptunea Bolten] Briukhonogie molliuski
roda Neptunea Bolten, Moskva, Izd-vo Akad. nauk SSSR, 1963. 217 p.
(Fauna SSSR, no.85. Molliuski, vol. 5, no.1). (MIRA 16:5)
(Gastropoda)

BORKHSENIUS, Nikolay Sergeyevich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
STRELKOV, A.A., otv. red.; BYKHOVSKIY, B.Ya., red.; MONCHADSKIY,
A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.

[Practical guide to scale insects (Coccoidea) occurring on
cultivated plants and forests species]. Prakticheskii opred-
litel' koktsid (Coccoidea) kul'turnykh rastenii i lesnykh
porod SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1963. 311 p. (Op-
redeliteli po faune SSSR, no.81). (MIRA 17:7)

SHTAKELBERG, A. A.

"The main characteristics of the diptera fauna of North-west Europe."
report submitted for 12th Intl Cong of Entomology, London, 8-16 Jul 64.

SHTAKEL'BERG, A.A.

Materials on identifying palaearctic Syrphidae (Diptera).
Zool. zhur. 43 no. 3:467-473 '64. (MIRA 17:5)

1. Zoological Institute, Academy of Sciences of U.S.S.R.,
Leningrad.

MANUYLOVA, Yelizaveta Fedorovna; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
STRELKOV, A.A., red. toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M.,
red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG,
A.A., red.

[Cladocera of the U.S.S.R.] Vetrivistskiye rachki (Cladocera)
fauny SSSR. Moskva, Nauka, 1964. 326p. (Opredeliteli po
faune SSSR, no.88).

(MIRA 17:12)

SVETOVIDOV, Anatoliy Nikolayevich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.;
SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.

[Fishes of the Black Sea.] Ryby Chernogo moria. Moskva, Izd-vo "Nauka,"
1964. 550 p. (Opredeliteli po faune SSSR, no.86)

ZAGULYAYEV, A.K.; PAVLOVSKIY, Ye.N., akademik, otv. red.[deceased];
BYKHOVSKIY, B.Ye., akademik, red.; GROMOV, I.M., red.;
MOCHADSKIY, A.S., red.; SKARLATO, O.A., red.; STRELKOV,
A.A., prof., red.; SHTAKEL'BERG, A.A., red.

[Moths and pyralids attacking grain and foodstuffs] Moli
i ognevki - vrediteli zerna i prodovol'stvennykh zapasov.
Moskva, Nauka, 1965. 270 p. (MIRA 19:1)

SHITAKEL'BERG, A.A.

New data on the taxonomy of palaearctic syrphys flies (Diptera, Syrphidae). Ent. oboz. 44 no. 4:907-026 '65
(MIRA 19:1)

1. Zoologicheskiiy institut AN SSSR, Leningrad.

BORKHSENIUS, Nikolay Sergeyevich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.;
BYKHOVSKIY, B.Ye., red.; STRELKOV, A.A., Red.; SHTAKEL'BERG,
A.S., red.; KRUGLIKOVA, N.A., tekhn.red

[Hemipterans and homopterans] Nasekomye khotnye. Moskva, Izd-vo Akad.
nauk SSSR, no.77. Vol.8 [Suborder of scale insects (Coccoida); families
Kermococcidae, Asterolecaniidae, Lecanodiaspididae, Acleridae] Pod-
triad chervetsy i shchitovki (Coccoidea); semeistva Kermococcidae,
Asterolecaniidae, Lecanodiaspididae, Acleridae. 1960.283 p.
(MIRA 14:2)

(Scale insects)

SHTAKEL'BERG, N.

Face production problems. MTO no.9:45-47 S '59.
(MIRA 13:1)

1. Uchenyy sekretar' Leningradskogo oblastnogo pravleniya Nauchno-tehnicheskogo obshchestva mashinostroitel'noy promyshlennosti.
(Leningrad Province--Research, Industrial)

SHTAKEL'BERG, N.A.

Development of fever reaction in animals in relation to injection sites of pyrogenous substances. Fiziol.zh.SSSR 37 no.2:195-205
Mar-Apr 51. (CLML 21:1)

1. Laboratory of Pathological Physiology, Leningrad Scientific-Research Institute for Prostheses and the Department of Pathological Physiology, Military Medical Academy imeni S.M.Kirov.

LAZAREV, Nikolay Vasil'yevich, prof., zasluzhenny deyatel' nauki RSFSR,
red.; SHTAKET'BERG, N.A., red.; RULEVA, M.S., tekhn.red.

[Medicinal regulation of the inflammatory process; a collection
of papers] Lekarsvennaia reguliatsia vospalitel'nogo protsessa;
sbornik rabot. Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1958.
271 p. (MIRA 12:2)

(INFLAMMATION)

SHITAKEL'BERG, N. I.

USSR/ Scientific Organization - Conferences

Card 1/1 : Pub. 128 21/25

Authors : Golovich, G. F., and Shtakel'berg, N. I.

Title : Second conference on high-frequency currents

Periodical : Vest. mash. 1, 85-87, Jan 1955

Abstract : A report is presented of the second All-Union Conference of the Engineers-Technicians Association of Power Engineers and Machine Designers, in June 1954, in Leningrad, on problems related to the industrial application of high-frequency currents. Some 700 delegates representing 323 different enterprises attended the conference.

Institution :

Submitted :

SHTAKIN, S., inzhener.

Standard system for air-conditioner water cooling. Khol.tekh. 32
no.4:21-23 O-D '55. (MIRA 9:4)
(Air conditioning)

SHITAL', B.

"How to Understand Cloud Formations," published in the Soviet periodical
"Wings of the Fatherland", No. 10, pp. 11-13, 1954.

Bachelor of Geographical Sciences, Lecturer.

Summary D286292, 20 July 1955

AID P - 2362

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 26/30

Author : Shtal', K., Chairman of the Technical Commission of the International Broadcasting Organization, Prague

Title : XI Session of the Technical Commission of the International Broadcasting Organization (Current Events)

Periodical : Elektrichestvo, 5, 85 My 1955

Abstract : The conference took place in Prague from N 30 to D 10, 1954. Representatives of nineteen European and Asiatic countries participated and discussed 20 problems, including some scientific and technical reports.

Institution: None

Submitted : No date

27.2400

40054

S/089/62/013/002/011/011
B102/B104

AUTHORS: Klyugin, S. A. (Deceased), Shtal', M. Z., Sobol', N. V.

TITLE: Measurements of the emanation content in ventilated rooms by the filter method

PERIODICAL: Atomnaya energiya, v. 13, no. 2, 1962, 189-191

TEXT: The filter method (Harley, Nucleonics, 11, no. 7, 12, 1953; Schuman, Arch. Meteorol., Geophys. und Bioklimatol., 9, no. 2, 204, 1956) was applied to determine the emanation concentration $Q_{em} = N_1 \lambda_1 = A(T)/vF(T, t_0, k)$.

Here, $A(T)$ denotes the time dependence of the α -activity of the filter, t_0 the filtering time, v the rate of air transmission through the filter and T the moment of α -activity measurement. $F(T, t_0, k)$ is a function of

$\lambda_{1,2,3,4}$, the Rn , RaA , RaB , RaC decay constants. The radon concentra-

tion determined by the filter method was always higher than that determined electrometrically. If the air contains mixed emanations of commensurable

Card 1/2

Measurements of the emanation ...

S/089/62/013/002/011/011
B102/B104

amounts two cylindrical filters have to be used successively (Atomnaya energiya, 10, no. 1, 64, 1961). For $t_0 = 30$ min $A(T)$ has been determined for different k (0, 1, 5, 10, 20, 40, 60, 100) for Rn- as well as Tn-contaminated air. Also $A(T)/N_1 \lambda_1 = vF_1$ as dependent on $\tau_0 \sim 1/v$ was measured for different T and Rn- and Tn-contaminated air. τ_0 is the time of passage of the air through the filter tube. The curves show that the activity of the Tn deposits increases with increasing aspiration rate whereas that of the Rn deposits was almost independent of the rate. The filter method has proved to be the simplest for determining the emanation concentration directly and, at the same time, the most sensitive (Tn concentration determination down to 10^{-12} curies/liter). There are 2 figures and 1 table.

SUBMITTED: June 17, 1961

Card 2/2

S/056/62/043/006/016/067
B102/B104

AUTHORS: Sorokin, A. A., Shtal', M. Z., Shpinel', V. S.

TITLE: The Zr^{97} decay scheme

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 43,
no. 6(12), 1962, 2056-2062

TEXT: It has been found previously (Ref. 1. Izv. AN SSSR, seriya fiz., 20, 913, 1956) that in the Zr^{97} decay, besides the 745-keV isomeric state ($T_{1/2} = 60$ sec) of Nb^{97} , several higher levels are excited with intensities $\leq 10\%$ (cf. Ref. 2. Nucl. Phys., 1, 499, 1956). The values obtained in Refs 1 and 2 for transitions excited in the Zr^{97} decay coincide, those excited in the Nb^{97} decay do not agree but energy and intensity of the γ -lines agree with each other. In order to explain these facts, the Zr^{97} decay was studied in detail. The spectra of the γ -lines and of the $\gamma\gamma$ coincidences arising in the decay $Zr^{97} \rightarrow Nb^{97} \rightarrow Mo^{97}$ were measured with a coincidence Card 1/3

S/056/62/043/006/016/067
B102/B104

The Zr^{97} decay scheme

scintillation spectrometer and a NaI(Tl)-crystal spectrometer with $\phi\gamma$ -24 (FEU-24) photomultiplier and a AH-100 (AI-100) 100-channel pulse-height analyzer. The γ -lines 1.12 Mev (Zn^{65}) 2.62 Mev (Te^{208}) and 2.76 Mev (Na^{24}) served as standards. The above-mentioned higher levels were found to be at 1.15, 1.35, 1.75, 1.84, and 2.1 Mev. The suggested Zr^{97} -Nb 97 decay scheme is shown in Fig. 5. Its characteristics are discussed in detail. The characteristics of the 1.15 and 1.35 Mev levels could not be determined. The absence of transitions from them to the 0.745-Mev level indicates spins of above 3/2. The decay scheme suggested eliminates the contradictions that arose between Ref. 1 and Ref. 2. There are 5 figures and 1 table.

ASSOCIATION: Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta (Institute of Nuclear Physics of Moscow State University)

SUBMITTED: July 18, 1962

Card 2/3

SOROKIN, A. A.; SHTAL', M. Z.; RYBAKOV, V. N.

"Concerning the Decay Scheme of Te^{119} ($t_{1/2} = 16 \text{ hr.}$)."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

MGU (Moscow State Univ)

GROMOV, K. Ya.; DANAGULYAN, A. S.; MURAV'YEVA, V. V.; INKITYUK, L. N.; SOROKIN, A. A.
SHTAL', M. Z. 5

"Investigations of the Decay of Nd^{139m} ($t_{1/2} = 5.5$ hr.)."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

OIYAI (Joint Inst Nuclear Res)

SHTAL, M. Z.

L 16095-65 ENT(m) DIAAP/ESD(t)/ESD(gs)/SSD/AFWL
ACCESSION NR: AP5000308 S/0056/64/047/005/1644/1652

AUTHORS: Gromov, K. Ya.; Danagulyan, A. S.; Nikityuk, L. N.;
Murav'yeva, V. V.; Sorokin, A. A.; Shtal', M. Z.; Shpinel', V. S. ^B

TITLE: Investigation of the decay of neutron-deficient isotopes
of neodymium. ¹⁹ New isotope Nd-138

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 47,
no. 5, 1964, 1644-1652

TOPIC TAGS: neodymium, isotope, level scheme, conversion electron
spectrum, gamma gamma coincidence, gamma transition

ABSTRACT: This is a continuation of earlier work by a group
headed by one of the authors (Gromov, Izv. AN SSSR ser. fiz. v. 27,
1357, 1963) on the decay of Nd^{139m}. Neutron deficient neodymium
isotopes were obtained by bombarding tantalum or erbium-oxide tar-
gets with 660 MeV protons in the synchrocyclotron of the OIYaI. The

Card 1/5

L 16095-65

ACCESSION NR: AP5000308

3

spectra of the conversion electrons, γ rays, and $\gamma\gamma$ coincidences were investigated for the 5.5-hr activity of Nd with a double focusing β spectrometer ($\pi/2$ angle). The results show that most γ transitions observed in this activity belong to Pr^{139} excited during the decay of Nd^{139m} . A decay scheme for the $\text{Nd}^{139m} \rightarrow \text{Pr}^{139}$ system is deduced from the experimental results and is shown in Fig. 1 of the enclosure. In addition, experimental proof of the existence of the isotope Nd^{138} , with a half life of approximately 5 hours, is deduced from the presence in the conversion-electron spectrum of an EO transition line in the $\text{Ce}^{138} \rightarrow \text{Pr}^{139} \rightarrow \text{Ce}^{138}$ decay. The decay scheme of the latter chain is shown in Fig. 2 of the enclosure. "The authors thank L. N. Kryukova for help and to the group of chemists of LYAP OIYA for separating the neodymium fraction." Orig. art. has: 5 figures and 3 tables.

ASSOCIATION: Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta (Nuclear Physics Institute, Moscow State University)

Card 2/5

L 16095-65

ACCESSION NR: AP5000308

SUBMITTED: 30Apr64

ENCL: 02

SUB CODE: NP

NR REF SOV: 006

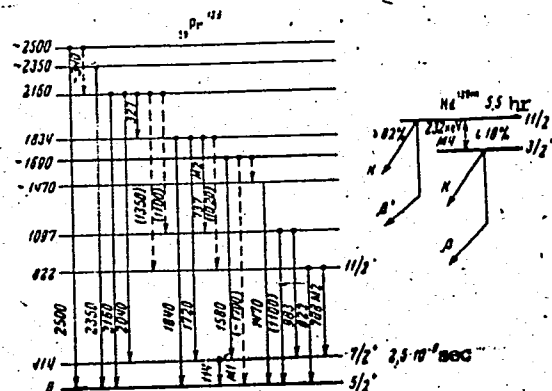
OTHER: 004

Card 3/5

L 16095-65
ACCESSION NR: AP5000308

ENCLOSURE: 01

Fig.1. Decay scheme of $\text{Nd}^{139\text{m}}$

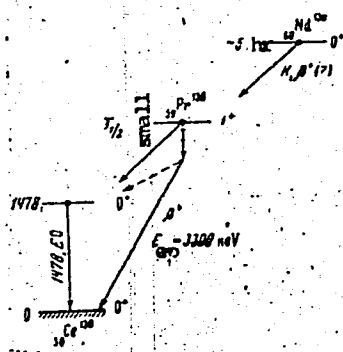


Card 4/5

L 16095-65
ACCESSION NR: AP5000308

ENCLOSURE: 02

Fig. 2. Decay scheme of the $Nd^{138} \rightarrow Pr^{138} \rightarrow$
 $+ Ce^{138}$ chain



Card 5/5

GROMOV, K.Ya.; DANAGULYAN, A.S.; NIKITYUK, L.N.; MURAV'YEVA, V.V.; SOROKIN, A.A.;
SHTAL', M.Z.; SHPINEL', V.S.

Decay of neutron-deficient neodymium isotopes. The new Nd^{138} isotope.
Zhur. eksp. i teor. fiz. 47 no.5:1644-1652 N '64.

(MIRA 18:2)

1. Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta.

SOROKIN, A.A.; SHTAL', M.Z.; RYBAKOV, V.N.

The Te^{119*} decay scheme. Izv. AN SSSR. Ser. fiz. 29 no. 5: 819-822
My '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova i Ob'yedinennyi institut yadernykh issledovaniy.

L 30031-66 EWT(m)

ACC NR: AP020111

SOURCE CODE: UR/0367/66/003/002/0313/0315

AUTHOR: Mekhedov, V. N.; Rybakov, V. N.; Sorokin, A. A.; Shtal', M. Z. 37

ORG: Joint Institute for Nuclear Research (Ob'yedinenyy institut yadernykh issledovaniy); Institute of Nuclear Physics, Moscow State University (Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta) B

TITLE: Ratio of ¹¹⁹Te isomer yields in the disintegration of I and Cs by 660 MeV protons

SOURCE: Yadernaya fizika, v. 3, no. 2, 1966, 313-315

TOPIC TAGS: isomer, tellurium, proton, nuclear spin, probability

ABSTRACT: The ratios of the probabilities for the creation of high and low-spin states have been measured for ¹¹⁹Te and ¹²¹Te isomers, obtained in the disintegration of Cs and I by 660 MeV protons. For ¹¹⁹Te these ratios are 0.4 ± 0.03 and 0.77 ± 0.07 ; and for ¹²¹Te, 0.65 ± 0.07 and 1.1 ± 0.13 . Orig. art. has: 1 figure and 1 table.
[Based on authors' Eng. abst.] [JPRS]

SUB CODE: 20 / SUBM DATE: 20Jul65 / ORIG REF: 006 / OTH REF: 011

Cord 1/1

90

DUBININA, V.N.; IVANCVA, A.A.; KORMILITSYN, V.S.; SHTAL', N.V.; SHCHEGLOV, A.D.

Critical remarks on F.A.Shutliv's book "Geology and metallogeny of
eastern Transbaikalia." Zap.Vses.min.ob-va 92 no.4:492-495 '63.
(MIRA 17:2)

SHILON, D.M.; SHTAL', N.V.

Upper Jurassic intrusions of the Aginskaya structural zone in
Transbaikalia. Trudy VSEGEI 81:169-181 '63 (MIRA 17:7)

SPIZHARSKY, T.N.; GROMOV, Yu.Ya.; Primalni uchastiye: BOROVNIKOV, L.I.;
BORISUK, B.I.; GOREISKAYA, Ya.N.; ZUBTSOV, Ya.I.; SALOP, L.I.; SHTAL',
N.V.

Paleotectonic maps and the methods for plotting them. Metod.
paleogeog.issl. ss.1:228-247 '64. (MIRA 18:6)

SHAL, S. S.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Organic Chemistry

③Chem

Chemistry of 4-nitro-4'-aminodiphenylsulfone. III. Products of azo coupling of diazo derivative with nitrogenous derivatives of phenols and naphthols, and with sulfonic acids of phenols, naphthols, naphthylamines, and amido-naphthols. M. S. Zhedek, S. S. Gital, and M. A. Gorinshtein. *J. Appl. Chem. U.S.S.R.* 25, 487-96 (1952) (Engl. translation). See *C.A.* 47, 1393g. IV. Product of azo coupling with sulfonamides. M. S. Zhedek and M. A. Gorinshtein. *Ibid.* 497-500.—See *C.A.* 46, 8327g.

H. L. H.

SHTAL', S. S.

USSR/Chemistry - Antibacterial Agents

Jan 52

"Azo-Coupled Products of a Diazo Derivative With Aromatic Hydroxy Acids," M. S. Zhedek, S. S. Shtal'

"Zhur Prik Khim" Vol XXVI, No 1, pp 114-116

Listed colors and antitubercular properties of 20 azo dyestuffs obtained by coupling diazotized 4-nitro-4'-aminodiphenylsulfone with aromatic hydroxy acids. Inhibiting effect of dyestuffs on growth of tuberculosis bacilli in vitro is changed by introduction of carboxyl groups, detd by positions of substituents in benzene ring, and lowered by esterification of carboxyl groups. Growth of and gas formation by *Bacterifringens* are retarded slightly by certain of dyestuffs.

206746

SHTAL', V., kand.geograficheskikh nauk (Leningrad); YANKOVSKIY, I.,
kand.geograficheskikh nauk (Leningrad)

How to observe and evaluate the weather during flight. Grazhd.
av. 12 no.11:12-14 N '55. (MIRA 15:9)
(Meteorology in aeronautics)

SHTAL', V., kand.geograf.nauk (Leningrad)

Wheather conditions and high-speed flights. Grazhd. av. 19
no.3:15 Mr '62. (MIRA 15:5)
(Weather reporting, Radio) (Aeronautics, Commercial)

YAKOVLEV, A., starshiy prepodavatel'; SHTAL', V., kand.geograficheskikh nauk, dotsent

Let us visit a meteorological station. Grazhd.av. 19 no.10:18
0 '62. (MIRA 16:2)

1. Vyssheye aviatsionnoye uchilishche Aeroflota (for Yakovlev).
(Meteorological stations)

SHTAL', V., kand.geograf.nauk

Meteorological protection of supersonic airplane flights. Av.i
kosm. 45 no.5:94-95 My '63. (MIRA 16:5)
(Meteorology in aeronautics)

SHEAL', V.A.

Meteorologiya na sluzhbe aviatsii. 2. ispr. i dop. izd. Kiev,
Na varti, 1937. 134 p., illus., plates, maps.

Bibliography; p. 134.

Title tr.: Meteorology in the service of aviation.

TL556.S5 1937

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

SHTAL, V. A. and KULAKOV, A. A.

"The Chemical Arm and Defense Against Chemical Attack," Chapter III of the book "Military Meteorology" published in Moscow, 1940

Translation of this Chapter No. III - D 358816, 1955

SHTAL', V. A.

KULAKOV, A. A., and V. A. SHTAL'.

Voennaia meteorologiya. Moskva, Boenizdat, 1940.
Title tr.: Military meteorology.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

SHTAL', V.

USSR/Aeronautics Meteorology, Aeronautical Meteorological Research "Review of M. Babikov's, 'Aviation Meteorology'," V. Shtal', 1 p "Vestnik Vozdushnogo Flota" No 8 (342) Reviewer states that Babikov has written a good manual for teaching pilots the fundamentals of aviation meteorology. The first five chapters deal with the statistics of the atmosphere; Chap 6 with the meteorological elements on a synoptic chart; Chaps 7 - 10 discuss synoptic systems, such as baric systems, air masses and weather fronts. Some of the facts in the book are reliable yet in many instances data is	Aug 1947 22125
USSR/Aeronautics (Contd) Meteorology, Aeronautical Meteorological Research either lacking or completely false. It is written in understandable terminology, but its defects detract from the quality of the book. It was published by Ministry for the Armed Forces for use by the Flight Personnel of the Air Forces of the USSR, 1947.	Aug 1947 22125

Pg. 17372

SHTAL, V. COL

USSR/Aeronautics - Training
Navigation

Sep 49

"Meteorological Training of a Navigator,"
Col V. Shtal, Engr

"Vest Vozdush Flota" No 9, pp 22-30

Discusses knowledge and experience required to study flight areas, flight prepn, course planning, and action in attack. Shows conditions under which navigator must utilize meteorol to improve eff.

17372

SHTAL', V.

AID P - 775

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 6/16

Author : Shtal', V., Kand. of Geogr. Sciences, Dotsent

Title : ~~Clouds and their estimation in flight~~
Clouds and their estimation in flight

Periodical : Kryl. Rod., 10, 11-13, 0 1954

Abstract : The author describes cold, warm, and occluded fronts, gives sketches of their cross-sections, and compares them with photos of cloud formations. Photos, diagrams.

Institution : None

Submitted : No date

SHTAL', Viktor Aleksandrovich; YANKOVSKIY, I.A., otvetstvennyy redaktor;
SNEZHINSKAYA, I.V., redaktor; SOLOVEYCHIK, A.A., tekhnicheskiy
redaktor

[Meteorology in aviation] Meteorologiya v aviatsii. Leningrad,
Gidrometeorologicheskoe izd-vo, 1956. 83 p. (MLRA 9:7)
(Meteorology in aeronautics)

SHTAL', V.A., kandidat geograficheskikh nauk, dotsent, inzhener-polkovnik.

Where is Engineer Kogan-Beletskii's mistake? Vest. Vozd. Fl. 39
no. 4:83 Ap '57. (MIRA 10:9)

(Airplanes--Piloting)

SOV-26-58-9-14/42

AUTHOR:

Shtal', V.A., Candidate of Geographical Sciences; Morachevskiy, V.G., Candidate of Physico-Mathematical Sciences (Leningrad)

TITLE:

An Active Influence Upon the Weather (Aktivnoye vozdeystviye na pogody)

PERIODICAL:

Priroda, 1958, Nr 9, pp 85-88 (USSR)

ABSTRACT:

A survey is given of American, French and Japanese experiments and achievements in rain-making, weather modification and the warding-off of hail. The effect of the explosion of hydrogen bombs on the weather is doubted, as the speed of the explosion prevents any influence on the weather process beyond an area of 30 square km in the case of a single bomb. The effect of remaining ionized dust and other fall-out has not yet been sufficiently studied. Soviet research and experiments in weather modification for the benefit of agriculture and aviation is centered mainly in the Leningradskiy institut eksperimental'noy meteorologii /LIEM/ (Leningrad Institute of Experimental Meteorology), the Glavnaya geofizicheskaya observatoriya im. Voyeykova /GGO/ (Main Geophysical Observatory im. Voyeykov), the Tsentral'naya aerologicheskaya observatoriya/

Card 1/2

An Active Influence Upon the Weather

SOV-26-58-9-14/42

TsAO/ (Central Aerological Observatory), the Gosudarstvennyy nauchno-issledovatel'skiy institut Grazhdanskogo vozdušnogo flota (State Scientific Research Institute of the Commercial Air Lines) and other organizations. In 1949, Nikandrov, V.Ya. with his group succeeded in producing rain from cumulus and strato-cumulus clouds in 11 out of 15 trials. The methods employed are based on the artificial formation of crystallization nuclei by the spraying of CO_2 , AgI and other agents into clouds to effect a disintegration of the cloud. Dry ice for crystallization nuclei is used mostly. The prevention of hail formation was successfully tried in 1956. There are 5 photos and 8 references, 3 of which are Soviet.

1. Artificial precipitation
2. Meteorology

Card 2/2

SHTAL', V.A., kand. geogr. nauk.

Weather evaluation in zones with air currents. Vest. Vozd.

Fl. 41 no.12:46-51 D '58.

(MIRA 11:12)

(Meteorology in aeronautics)

KOZAKOV, L.A.; SHTAL', V.A.

Stratosphere and mesosphere. Priroda 52 no.9:17-21 '63.
(MIRA 16:11)

1. Leningradskiy gidrometeorologicheskii institut.

L 41285-65 EWT(1)/FCG GW

ACCESSION NR: AR5008853

S/0169/65/000/002/B092/B092

SOURCE: Ref. zh. Geofizika, Abs. 2B612

AUTHOR: Shtal', V. A.

TITLE: Some problems in aviation meteorology

CITED SOURCE: Tr. Leningr. gidrometeorol. in-ta, vyp. 19, 1963, 60-80

TOPIC TAGS: aviation meteorology, cloud, visibility, weather forecasting, jet stream, thunderstorm, fog, stratosphere, supersonic aircraft

TRANSLATION: The author discusses the significance of the most important meteorological factors for present-day and future aviation and the methods and trends observed in the SSSR and foreign countries directed toward increasing the safety and efficiency of flights. Mention is made of studies carried out in the SSSR to solve the problem of the precise determination and forecasting of the height of low clouds and low visibility. In particular, there is mention of the practical recommendations made by Ye. I. Glagoleva, who has carried out work on the study of slant visibility and the detection level, and a new method for predicting low clouds and fog proposed by N. Ustimenko. The objective method of forecasting is

Card 11/2

L 41285-65

ACCESSION NR: AR5008853

mentioned. It is noted in the literature that the probability of jet and turbojet aircraft encountering zones of strong convective turbulence associated with thunderstorms is small. It is more common to encounter zones of dynamic or convective-dynamic turbulence associated with jet streams. The problem of forestalling the entry of aircraft into hail zones is timely because the new types of aircraft will be more vulnerable than those currently in use. On the basis of investigations made at the Tsentral'naya aerologicheskaya observatoriya (Central Aerological Observatory) it has been established that turbulence in jet streams can attain the same values as in cumulonimbus clouds. As a result of investigations at the Cambridge Research Center of the U. S. Air Force it has been found, in particular, that the so-called "jet stream front" is formed near its axis and drops down toward the south. It is emphasized in the special foreign literature that one of the important factors facilitating the determination of the position of an aircraft relative to the jet stream axis is air temperature. Investigations have shown that jet streams are also present in the stratosphere. Little study has been made of stratospheric turbulence. A conference in New York on the formulation of criteria for safety of supersonic aircraft is mentioned. I. Dubina

SUB CODE: ES

ENCL: 00

me
Card 2/2

SHTAL', V.K.,

ALEKSEYEVA, M.V.; ANDRONOV, B.Ye.; GURVITS, S.S.; ZHITKOVA, A.S.;
SHTAL', V.K., redaktor; RAKOV, S.I., tekhnicheskiiy redaktor.

[Identification of harmful agents in the air of industrial installations] Opredelenie vrednykh veshchestv v vozdukhre proizvodstvennykh pomeshchenii. Izd. 2-e. Moskva, Gos.nauchno-tekhn. izd-vo khimicheskoi lit-ry, 1954. 409 p. (MIRA 8:4)
(Air--Analysis)

TOROPOV, S.A., kand. tekhn. nauk, red.; SHTAL', V.K., spets. red.; KUZNETSOVA, N.I., red.; SHIKIN, S.T., tekhn. red.

[Physicochemical methods for analyzing the atmosphere] Fiziko-khimicheskie metody issledovaniia vozdushnoi sredy; sbornik nauchno-issledovatel'skikh rabot. Pod red. S.A.Toropova. Moskva, Izd-vo VTsSPS Profizdat, 1961. 93 p. (MIRA 14:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut okhrany truda.

(Air--Analysis) (Eudiometer)

PRAVOTOROVA, N.N.; SHTAL'BERG, P.I.; PLEKHANOV, V.Ye.; BRUT-BRULYAKO, B.N.;
OSETROV, I.A.

Loom for flax weaving. Tekst. prom. 17 no.8:28-29 Ag '57.
(Looms) (Flax) (MIRA 10:9)

CA

Antioxidants in raising the stability of dry milk products.
S. Shtal'berg (All-Union Inst. Milk Ind., Moscow).
Molochkaya Prom. 10, No. 8, 7-8(1949).—Addn. of small
amts. of vitamin B, vitamin C, vitamin D, glycine, and
Na pyrophosphate stabilize dried cream significantly in 10
months' storage expts. in respect to taste preservation.
G. M. Kozolapoff

CA

/2

— Stability of dry milk products in storage. S. Shtal'berg and M. Shilovich. *Molochnaya Prom.* 12, No. 9, 32-4 (1951).—Dried milk, cream, and butter products survive storage better at levels of low moisture content. The use of bitumen-impregnated paper for packing is advised. Generally at 2° less deterioration occurs than at 10°.

G. M. Kosolanoff

SHTAL'BERG, S.; KRETOVICH, V.

The substances responsible for the specific odor of dry-milk products.
Molochnaya Prom. 14, No.5, 27-9 '53. (MFA 6:4)
(CA 47 no.15:7687 '53)

SHTAL'BERG, S.M.

MD *Manufacturing dry oil.* S. M. Shtal'berg. *Trudy Vsesoyuz. Nauch. Issledovatel. Inst. Molochnoi Prom.* 1953, No. 14, 36-48; *Referat. Zhur. Khim.* 1953, No. 9919. — Dry oil is a crumbly, cottony powder which is cream colored and consists of spherical particles covered with an albumin film which protects the fat from damage. The oil is prepd. from natural creams and from emulsions of melted oil in milk freed from fat by drying them with a spraying method. The most stable emulsions are obtained in a homogenizer. Condensation of the dry oil during packing leads to the removal of a considerable amt. of air, which can cause oxidation of the milk fat. Following is the av. compn. of the finished product: 76% fat, 22% dry, nonfat substances, and 2% moisture. In a vacuum app. the original mixt. is refined to a concn. of 80% dry substances. The condensed mixt. is dried with temp. of the air as follows: incoming, 160-5°; in the spraying zone, 76-85°; outgoing, 70-85°. In hermetic packing the dry oil retains its properties up to 12 months at a temp. not over 10°, up to 10 months at room temp., and 6 months in a nonhermetic tare. Dry oil is suitable for prepg. ordinary oil, creams, and milk.

Marjorie Ketner

SHTAL'BERG, S.

②
Changes in the average casein particle weight in un-
sweetened condensed milk. I. N. Vlodayets and S.
Shtal'berg. *Molochnaya Prom.* 15, No. 3, 36-7(1954).
The data are presented to show that the av. casein particle
wt. increases with the concn. during the manufg. process
and decreases during storage when the milk is highly concd.
The microbiol. spoilage of milk was inhibited by concn.
Vladimir N. Krukovsky.

SHTALBERG, S.

USSR.

New and improved methods of analysis of milk. I. Determination of the stability of milk by calcium test. S. Shtalberg. *Molochkova Prom.* 16, No. 2, 33-4 (1955). To 10-ml. samples of milk in test tubes, add 0.25, 0.3, and 0.5 ml. of 1% soln. of CaCl_2 and incubate the mixt. in a boiling water bath for 5 min. A relationship exists between the concn. of CaCl_2 at which the milk curdles, bacterial count, and the reductase-test results. Milk which does not coagulate at 0.25 but does at 0.3 ml. should be considered unstable, but milk which is not coagulated at 0.5 ml. should be of high quality. II. Rapid phosphatase test for control of pasteurization of milk. Z. Pavlova and S. Mikhlin. *Ibid.*, 24. Two ml. of milk is treated with 1 ml. of 0.45% soln. of a *p*-nitrophenyl phosphate (Na) in 0.1N NH_4 buffer, with pH 10.1. This mixt. is incubated at 47-50°. At intervals of 2, 5, 10, 15, and 30 min. and 1 and 3 hrs. the color is detd., and, if milk shows a yellow color during this time, the test is finished. If no yellow color develops, the test is considered neg. The test can detect 0.5% of raw milk after 3 hrs.

Vladimir N. Krukovsky

SHTAL'BERG, S.M., kand.tekhn.nauk; BANNIKOVA, L.A., kand.sel'skokhoz.
nauk

Development of the technology of dry dietetic sour milk. Trudy
VNIMI [Mol.] no.20:96-102 '59. (MIRA 13:10)
(Milk, Fermented)

BEZUGLOV, I.Ye.; KURDYUMOV, V.N., inzh.; V rabote prinimali uchastiye:
GABRILENKO, I.V.; GRABOVSKIY, I.I.; NESHCHADIM, A.G.; BELOBORODOV,
V.V.; VISHNEPOL'SKAYA, F.A.; MATSUK, Yu.P.; GAYTSKHOKI, N.I.;
USACHEV, A.S.; ABKINA, N.N.; RUMYANTSEVA, A.G.; KOSHELEV, A.P.;
GRIGOR'YEV, F.L.; LUKASHEVICH, A.M.; STYAZHKINA, A.G.; MIKHAYLOVICH,
A.N.; YEDEMSKIY, P.M.; MASLOV, P.V.; KUDRYASHEVA, Z.P.; PROSMUSHKIN,
R.M.; SHTAL'BERG, V.A.; BOYTISOV, N.I.

Operational experience with a newly introduced oil-extraction line
equipped with the DS-70 belt-conveyer extractor. Masl.-zhir.prom.
26 no.3:29-31 Mr '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for
Bezuglov, Gabrilenko, Grabovskiy, Neshchadim, Beloborodov,
Vishnepol'skaya, Matsuk and Gaytskhoki). 2. Leningradskiy
zhirovoy kombinat (for Kurdyumov, Usachev, Abkina, Rumyantseva,
Koshelev, Grigor'yev, Lukashevich, Styazhkina, Mikhaylovich,
Yedemskiy, Maslov, Kudryasheva, Prosmushkin). 3. Leningradskoye
otdeleniye tresta "Prodmontazh" (for Shtal'berg and Boytsov).
(Leningrad--oils and fats)
(Extraction apparatus)

SHTALE, L. Zh.

USSR/Cultivated Plants. Medicinal Plants. Essential Oil Plants.
Toxic Plants.

M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34840

Author : Shtale L. Zh.

Inst : Medical Institute of Riga

Title : Study of Stonecrop (Sedum acre L.) Growing in the Latvian SSR.

Orig Pub : Sb. nauch. rabot Rzhsk. med. in-t, 1956, vyp. 6, 41-56

Abstract : Alkaloid compounds were identified in 33 samples of Sedum acre growing in various rayons of the Latvian SSR. It was found that stonecrop (growing wild) contains 3.27 percent of alkaloids per absolute dry weight. Ascertained was the total amount of alkaloids contained in different parts of the plant in various phases of development, which led to the conclusion that the period of blooming and flowering is the best time for the gathering and preparing of stonecrop for medicinal purposes. -- Serebryannyiy.

Card : 1/1

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SHTAL'MAN, M.V.; BALABANOV, V.N.

Using the URS-55 apparatus for X-ray structure analysis in the
shop. Zav. lab. 24 no.5:649 '58. (MIRA 11:6)

1. Makeyevskiy metallurgicheskiy zavod im. Kirova.
(X rays--Equipment and supplies)

SHTAL'MAN, M.V.; SVETLICHNAYA, S.S.

Investigating the phase composition of open-hearth furnace
hearth bottoms by X rays. Ogneupory 27 no.7:323-327 '62.
(MIRA 15:8)

1. Makeyevskiy metallurgicheskiy zavod.
(Open-hearth furnaces--Maintenance and repair)
(X rays--Industrial applications)

SHTAL'MAN, M.V., inzh.

X-ray determination of stresses in chilled cast iron rolls.
Metalloved. i term. obr. met. no.8:19-21 Ag '62. (MIRA 15:11)

1. Makeyevskiy metallurgicheskiy zavod.
(Cast iron—Metallography)
(Strains and stresses)

ALFEROV, K.S.; SHTAL'MAN, M.V.; SVETLICHNAYA, S.S.

X-ray diffraction study of steel for reinforcements. Metalloved.
i term.obr.met. no.1:28-32 Ja '65. (MIRA 18:3)

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Photochemical transformation of F-centers in heated potassium
chloride crystals. Nauk. zap. Kiev. un. 13 no.7:111-121 '55.
(MLRA 9:12)

(Potassium chloride) (Photochemistry)

Shtalov, A.A.

✓391

QUANTUM YIELD FROM PHOTOCHEMICAL CONVERSION
ON F CENTERS IN HEATED POTASSIUM CHLORIDE

CRYSTAL: A. A. Shtalov (Shevchenko Kiev State Univ.)

Invest. Akad. Nauk S.S.S.R. Ser. Fiz. 20, 488-82 (1956) Apr.

(In Russian)

Results and methods of measuring the quantum yield from

photochemical reversible conversion of F centers in KCl crystals in +280° temperature are described. A method is suggested for the calculations of simultaneously proceeding photochemical and thermal conversions processes, and an accurate calculation of quantum yield is given. The relation of the quantum yield of photochemical effect on F centers in KCl crystals to temperature was measured. (R.V.J.)

SP

1. SHTALTOVNIY, A. A.: ZHELUDKOV, N. A.
2. USSR (600)
4. Poultry Breeding
7. Course of incubation. Ptitsevodstvo no. 5, 1952.
9. Monthly list of Russian Accessions, Library of Congress, February 1953, Unclassified.

SH TALTOVNYI, A.A.

Operation of the "Record-39", "Record-42", and VIR-9 incubators.
Ptitsevodstvo 8 no.3:25-28 Mr '58. (MIRA 11:2)

1. Starshiy inzhener Glavnogo upravleniya ptitsevodstva Ministerstva
sel'skogo khozyaystva RSFSR.

(Incubators)

5. SHTALTOVNIY, A. A.

BOGDANOV, M.; BEREL'SON, A.; VOLKOV, V.; VOZNESENSKIY, S.; ZELENUKHIN, S.;
IOFE, N.; KORENEV, P.; KRIVINSKAYA, I.; KULAGIN, M.; MARSAVIN, M.;
MINAKOVA, P.; POPOVA, M.; SUKHNEV, S.; SHTALTOVNIY, A.; FALEYEVA, L.
FROKTISTOV, P.; CHULANOVA, M.; YATSYNIN, N.

Obituary. Ptitsevodstvo 9 no.2:48 F '59.

(MIRA 12:3)

(Shutov, Nikolai Ivanovich, d. 1958)

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
SHTAM, L.K.										17									
CA																			
PROCESSES AND PROPERTIES INDEX New step in synthesizing N-(N⁴-acetylsulfamyl)acetamide. L. K. Shtam and B. Yu. Tackhanovich. <i>Farmatsiya</i> 10, No. 2, 35-6 (1947).—Use of pyridine as solvent gives faster acetylation with Ac₂O and higher yield in converting H₂NO₂SC₆H₄NHAc to AcNH₂SC₆H₄NHAc. I. F. S.																			
ASD-314 METALLURGICAL LITERATURE CLASSIFICATION RESEARCH SYNOPTIC RESEARCH SYNOPTIC RESEARCH SYNOPTIC																			

SHTAM, V. Ya.

PA 46/49T64

USSR/Medicine - Heart Disease

Feb 49

Medicine - Digitalis Purpura,
Administration and Dosage

"Treatment With Large Doses of Fouglore (Digitalis
Purpurea)," V. Ya. Shtam, Therapeutic Dept, Luga
Town Hosp, Leningrad Oblast, 3/4 p

"Sov Med" No 2

Dosage of digitalis purpura in cases of severe
neglected decompensation of heart action is in-
dividual and based on myocardiodystrophy and
myocardiodystrophy. In determining dosage of
digitalis condition of the case and extent of

46/49T64

USSR/Medicine - Heart Disease (Conc'd) Feb 49

edema should be considered. Timely decrease in
dosage before development of toxic reactions is
extremely important.

46/49T64

KARANDEYEV, K.B.; SHTAMBERG, G.A., kand.tekhn.nauk

Measurement of the ratio of two voltages. Elektrichestvo no.12:
7-10 D '62. (MIRA 15:12)

1. Institut avtomatiki i elektrometrii Sibirskogo otdeleniya
AN SSSR. 2. Chlen-korrespondent AN SSSR (for Karandeyev).
(Electric measurements)