

L 44371-66

ACC NR: AP6023059

0

>4,4'-diaminodiphenylester>paraphenylenediamine>metaphenylenediamine>diaminodiphenylenediamine>4,4'-diamino-3,3'-dimethyldiphenylmethane>4,4'-diaminodiphenylsulfone. The rate of hydrolysis of polyamidoacids was found to decrease with decreasing specific viscosity. Orig. art. has: 5 figures, 3 tables.

SUB CODE: 07/

SUBM DATE: none/

ORIG REF: 002/

OTH REF: 013

hs

Card 2/2

ZUBAREVA, I.F.; LYU CHZHUN-VEN'

Scintillators for beta-ray counting made on the basis of
polystyrene. Prib. i tekhn. eksp. 8 no.5:78-81 B-D '63.
(MIRA 16:12)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut.

ZUBAREVA, L.A.

Effectiveness of intervarietal crossing between Russian white
hens and New Hampshire and Pervonaisknaia roosters. Dokl. Akad.
sel'khoz. 21 no.5:43-48 '56. (MLRA 9:8)

1. Institut genetiki Akademii nauk SSSR. Predstavlena sektiyei
zhivotnovodstva Vsesoyuznoy ordena Lenina akademii sel'skokhozyay-
stvennykh nauk imeni V.I. Lenina.
(Poultry breeding)

ZUBAREVA, L.A.

Comparative characteristics of the first hybrid generation produced
by crossing Leghorn hens with roosters of the "aw Hampshire breed
and Pervomaysk strain. Trudy Inst.gen.no.23:216-226 '56.

(MLRA 10:1)

(Poultry breeding)

ZUBAREVA, L.A.

Some economic and biological characteristics of hybrid hens. Trudy
Inst. gen. no.24:321-339 '58. (HIRA 11:9)
(Poultry breeding)

ZURABEVA, L.A.; SPITROVSKAYA, Z.M.

Some features of the interior constitution of hybrid chickens.
Trudy Inst. gen. no.24:340-351 '58. (MIRA 11:9)
(Poultry breeding) (Heterosis) (Glands, Ductless)

USSR/Farm Animals. Poultry. Q

Abs Jour: Ref Zhur-Diol., No 17, 1958, 78779.

Author : Zubareva, L. A.
Inst : All-Union Academy of Agricultural Sciences imeni
V. I. Lenin.
Title : Effectiveness of Interbreeding of the Russian White
Hens with New Hampshire and First-of-May Cocks.

Orig Pub: Dokl. VASKhNIL, 1956, No 5, 43-48.

Abstract: In the Institute of Genetics AS USSR, tests were carried out on the cross-breeding of chickens of the Russian white breed with roosters of the New Hampshire and first-of-May breed. There were isolated 579 hybrids and 880 purebred young chickens; from them 285 hybrids and 473 purebred

Card : 1/3

USSR/Farm Animals. Poultry.

Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78779.

in the Russian Whites was 198.7 days, in the hybrids 206 days, and in the chicks of general use 227 days. Egg productivity for the first year in the hybrid chicks - 134 eggs per original layer with average weight of eggs 58.4 g; in the Russian whites - 124 eggs with weight 57.5 g, in the first of May - 99 eggs with weight 56.5 g and in the New Hampshires 72 eggs with weight 55.2 g. Average quantity of digestible nutritious substances consumed in the production of 1 kg of egg-mass equaled in the hybrid chickens 3.0 kg, in the Russian Whites 3.3 kg. -- S. G. Petrov.

Card : 3/3

USSR/Farm Animals. Poultry.

Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78777.

studied. One group of leghorn chickens was cross-bred with first-of-May roosters, another with New Hampshire roosters, a third for control. Indicators of productivity: leghorn live weight at one year 2005 g, egg yield for a year 188.7 eggs, average weight of eggs 58.2 g; New Hampshire respectively 2730; 194.3; 6313; first-of-May 2125; 171; 56.5. Breeding from fertilized eggs of hybrids 4 was 88.8% against 71.3 in 5, against 71.2 in 1 and 60.4% in 3. According to the duration of the embryonal development and postembryonal viability, the hybrids of young chickens surpassed the purebreds. Hybrids of 5 surpassed 1 in live weight at 3 months of age by 43.1%, at 5 months - by 21%. Egg laying for the first year

Card : 2/3

ZUBAREVA, L.A.; KUZNETSOV, N.I.

Effect of small doses of ionizing radiation on the intensity of
respiration of chicken embryos. Trudy Inst. gen. no. 31: 319-329
'64. (MIRA 17:9)

ZUBAREVA, L.A.; KUZNETSOV, N.I.; KUSHNER, Kh.F., prof., rukovoditel'
raboty

Gamma irradiation of hen's eggs with doses of 2,9-7,65 r
and its effect on gas and energy metabolism in embryos.
Trudy Inst. gen. no.33:155-163 '65. (MIRA 18:12)

ZUBAREVA, L.A.; KOSTIN, I.G.; KUZNETSOV, N.I.; SHERSHONOVA, L.I.

Survival rate and productivity of the offspring of hens
irradiated with small doses of gamma rays during embryogeny.
Trudy Inst. gen. no.33:148-154 '65.

(MIRA 18:12)

KUSHNER, Kh.F.; ZUBAREVA, L.A.

Some results of inbreeding in poultry breeding. Trudy Inst. gen.
no.31:255-275 '64. (MIRA 17:9)

KUZIN, A.M.; KOSTIN, I.G.; SHERSHUNOVA, L.N.; ZUBAREVA, L.A.

Use of ionizing radiations in poultry farming. Radiobiologia
3 no.2:311-316 '63 (MIRA 17:1)

1. Institut biologicheskoy fiziki AN SSSR, Moskva i Radiobi-
logicheskaya laboratoriya Tomilinskoy ptitsefabriki.

DOBRYNINA, A.Ya.; KOSTIN, I.G.; ZUBAREVA, L.A.; SAMOLETOV, A.I.;
SALGANNIK, M.G.

Effect of microdoses of ionizing radiations on the ontogenesis of
farm fowl. Zhivotnovodstvo 22 no.7:61-65 '60. (MIRA 16:5)

1. Institut genetiki AN SSSR i Tomlinskaya ptitsefabrika.
(Poultry) (Radiation—Physiological effect)

5
1

ZUBAREVA, ~~E. A.~~, SHERSHUNOVA, I. I., KUZNETSOV, N. I., SALGANIK, M. G.,
KUSHNER, K. H. F., and KOSTIN, I. G.,

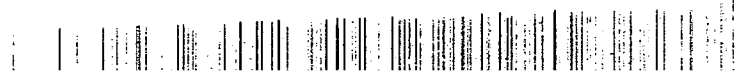
"The Effect of Microdose Irradiation of Hen's Eggs upon Hatchability and other
Characters of Chickens."

report submitted for the 11th Intl. Congress of Genetics, The Hague, Netherlands,
2-10 Sep 63

DOBRYNINA, A.Ya.; KOSTIN, I.G.; ZUBAREVA, L.A.; Prinsipalni uchastiye:
SAMOLETOV, A.I.; SALGANIK, M.G.

Results of irradiating hen's eggs using small doses of gamma
rays. Trudy Inst. gen. no.29:332-344 '62. (MIRA 16:7)

1. Tekhnicheskiy rukovoditel' Tomilinskoy ptitsefabriki (for
Samoletov). 2. Zaveduyushchiy tsekhom inkubatsii Tomilinskoy
ptitsefabriki (for Salganik).
(Eggs) (Gamma rays—Physiological effect)



APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520009-2
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520009-2

KUSHNER, KH. F.; STIN, L. G.; DOBRYNINA, A. YA;
ZUBAREVA, L. A.; SALGANIK, M. G.; SAMOLETOV, A. I.

"The Use of Small Doses of Gamma-Radiation for the
Improvement of Some Commercial Qualities of Hens"

Report submitted for the Twelfth World's Poultry
Congress , Sydney, Australia 10-18 Aug 1962

DOBRYNINA, A.Ya.; ZUBAREVA, L.A.; KOSTIN, I.G.; KUSHNER, Kh.F.; SAMOLETCV,
A.I.; SALGANNIK, M.G.

Effect of the irradiation of embryos on postembryonic growth,
development, and productivity in hens. Trudy Inst. Gen. no.28:
359-370 '61. (MIRA 14:11)
(POULTRY) (GAMMA RAYS--PHYSIOLOGICAL EFFECT)

Study of blood groups in animals and birds. Zhur, 'ob. biol. 21
no.3:161-174 My-Je '60. (MIRA 13#7)

1. Institute of Genetics, U.S.S.R. Academy of Sciences,
(BLOOD GROUPS) (VETERINARY RESEARCH)

ZUBAREVA, L.A.

Crossing between breeds as an important measure for increasing
the productivity of poultry husbandry. Trudy East. gen.
no. 27:200-212 '60. (MIRA 13:12)
(Poultry breeding)

DOBRYNINA, A.Ya.; KOSTIN, I.G.; ZUBAROVA, L.A.

Effect of small doses of ionizing radiation on the embryonic
development of birds. Trudy Inst. gen. no. 27:322-338 '60.
(MIRA 13:12)

(Embryology--Birds)

(Radiation--Physiological effect)

USSR / Cultivated Plants. Plants for Technical Use. Oil M
Plants. Sugar Plants.

Abs Jour : Ref Zhur - Bibl., No 8, 1958, No 34758

Author : Zubareva, L. M.

Inst : Institute for Forestry and Agricultural Improvement of
Azerbaijan

Title : Content of Gutta in the Leaves of Eucommia.

Orig Pub : Byul. nauchno-tekhn. inform. Azerb. n.i. in-ta lesn. kh-va
i agrolesomel., 1957, No 1-2, 43-46.

Abstract : An analysis of the leaves gathered from one- two- and three-
year old plants of eucommia was conducted by means of the
benzene extraction method using the Socklett apparatus. Re-
sin from the extract after distillation of benzene was pre-
cipitated by acetone. Analysis has shown that under condi-
tions prevalent in AzerSSR, the accumulation of gutta in

Card 1/2

ZUBAREVA, L.P.

Changes in some indices of blood coagulation in postpartum thrombophlebitis. Akush. i gin. no.1:56-60 '65.

(MIRA 18:10)

1. 2-ye akusherskoye otdeleniye (zav.- prof. S.G. Khaskin) i kliniko-diagnosticheskaya laboratoriya (zav. N.L. Vasilovskaya) Instituta akusherstva i ginekologii (dir.- chlen-korrespondent AMN SSSR prof. M.A. Petrov-Maslakov) AMN SSSR, Leningrad.

IOFFE, Iosif Grigor'yevich; MEDVEDEV, M.F., retsenzent; ZIL'BERMAN, M.I., retsenzent; GABOVA, D.M., red.

[Organization and planning of knit goods production] Organizatsiia i planirovanie trikotazhnogo (vialzal'nogo) proizvodstva. Moskva, Legkaia industriia, 1965. 237 p.
(MIRA 18:5)

ZUBAREVA, M.I. [Zubareva, M.I.]; GOLOVUSHKINA, A.B. [Golovushkina, A.B.];
LUTCHENKO, V.A.

Determining the degree of mechanization of the operations in the
knit goods industry. Leh. prom. no.3:44-47 JI-S '64. (MIRA 17:10)

KOZINA, M.P.; LUKINA, M.Yu.; ZUBAREVA, N.D.; SAFONOVA, I.L.; SKURATOV, S.M.;
KAZANSKIY, B.A., akademik

Heat of combustion of some phenylcyclopropanes. Dokl. AN SSSR 138
no.4:843-845 Je '61. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova i
Institut organicheskoy khimii imeni N.D.Zelinskogo AN SSSR.
(Benzene) (Heat of combustion)

ZUBAREVA, N.D.; OBEREMOK-YAKUBOVA, A.P.; PETROV, Yu.I.;
KLABUNOVSKIY, Ye.I.; BALANDIN, A.A.

Determination of the heats of combustion of DL- and L-mandelic
acids. Izv. AN SSSR. Ser. khim. no.12:2207 D '63.

(MIRA 17:1)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

ZUBAREVA, N. G.: Master Med Sci (diss) -- "Clinical, electrocardiographic, and virological material on pneumonia of young children". Khar'kov, 1959. 16 pp (Khar'kov State Med Inst), 200 copies (Kl, No 11, 1959, 122)

Russia. Ministerstvo Avtomobil'noy i Traktornoy Promyshlennosti. Traktor DT-54
(Tractor DT-54) Rukovodstvo po ekspluatatsii. Pod. red. N. G. Zabareva. Moskva,
Mashgiz, 1952.
154 p. Illus., tables, diags.

N/5
743.281
.R92

Country : USSR K-4
CATEGORY :
ABS. JOUR. : RZBiol., No. 17, 1959, No. 86999
AUTHOR : Kubareva, Y. K.
INST. : Scientific Research Institute of Agriculture
TITLE : Time of Application of Superphosphate for
Spring Wheat.
ORIG. PUB. : Byul. nauchno-tekhn. Inform. N.-i. in-ta
s.kh. sev.-vost. r-nov nechernozemn. polosy,
ABSTRACT : Presentation of data of experiments by the
Scientific Research Institute of Agriculture of the North-
eastern Districts of Non-Chernozem Belt, on investigation
of the effects of the time of application of P_2O_5 for spring
wheat, conducted in 1952-1954. Effectiveness of fall or
spring application of P_2O_5 depends on meteorological con-
ditions and content of assimilable phosphoric acid in the
soil, which is higher when powdered P_2O_5 is applied in the
spring prior to sowing, than when the application is made
in the fall. -- N. F. Kravtsova.

CARD: //

of the Northeastern Districts of Non-Chernozem Belt.

МЕТЕЛ'СКИЙ, Ф.И., канд. сел'скохозяйственных наук; ЗИНАРОВА, Н.Е.

Mal'tsev tillage methods in the northeastern non-Chernozem belt,
Zemledelie 6 no.7:18-21 JI '58. (MIRA 11:6)
(Kirov District--Tillage)

TELKOV, N. A. (Novosibirsk, ul. Stanislavskogo, d. 6, kv. 7);
ZUBAREVA, N. S.; SOKOLOVA, G. S.

Autoplasty of the femoral artery with a venous transplant in
gunshot injuries. Vest. khir. no.12:85-86 '61,
(MIRA 15:2)

1. Iz travmatologicheskogo otdeleniya 9-y Novosibirskoy klini-
cheskoy bol'nitsy.

(FEMORAL ARTERY---SURGERY)
(VEINS---TRANSPLANTATION)
(GUNSHOT WOUNDS)

Colorimetric determination of aluminum oxide in metallic alumina. V. P. Okhotin and N. N. Zubareva. *Zashchita Lab.* 2, No. 6, 18-19, (1931).
Al in a mixt. of 2 cc. of 5% Hg(NO₃)₂ and 70 cc. of tartaric acid, filter, wash, remove any Hg from the ppt. in the filter, ignite in a Pt crucible, fuse with 6 parts of NaCl + K₂CO₃ (1:1), dissolve in 50-60 cc. of hot H₂O, filter off the residue, wash, unite the filtrate and wash H₂O, make slightly acid with HCl and dil. to 100 cc. Prep. 2 portions of a soln. from 5 cc. of 0.05% of Na aluminosulfate by adding 5 cc. of acid. NaCl soln., 5 drops of 4% NH₃ and H₂O to 38-20 cc.; add to one portion a standard soln. contg. 0.01 mg. Al₂O₃ in 1 cc., and to the other dropwise. In tested soln. until the color shade of the 2 solns. is matched. The accuracy is within 0.01-0.02%. Class. Blank.

7

ASAC 514 METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ZUBAREVA, R.S.; FIRSOVA, V.P.

Ecology of pines in the dark-green forests of southern taiga in
the Central Ural Mountains. Trudy Inst. biol. UFAN SSSR no. 43:
203-207 '65. (MIRA 1965)

1. Institut biologii Ural'skogo filiala AN SSSR.

ZUBAREVA, R.A.

Changes in the EEG in hypothermia induced under protective
deep curarization (diplofin) and light anaesthesia. Eksp.
khir. i anest. 8 no.5x61-66 S.-D '63. (MIRA 17:6)

1. Laboratoriya anesteziologii (zav. doktor med. nauk T.M.
Darbinyan) Instituta khirurgii imeni A.V. Vishnevskogo
(direktor - deystvitel'nyy chlen AMN SSSR prof. A.A.
Vishnevskiy) AMN SSSR.

DARBINYAN, T.M.; PORTNOY, V.F.; ZUBAREVA, R.A.

Isolated artificial circulation and deep hypothermia of the brain.
Eksper. khir. i anest. 7 no.4:73-80 JI-Ag '62. (MIRA 17:5)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. -
deystvitel'nyy chlen ANU SSSR prof. A.A.Vishnevskiy) ANU SSSR.

ZUBAREVA, R.S.

Utilization of forest flora of the Pyshma pine forests in the
trans-Ural region for pastures. Trudy Inst. biol. UFAN SSSR.
no. 28:57-80 '62. (MIRA 16:1)
(Pyshma Valley---Pastures and meadows)

ZUBAREVA, R.S.

Types of clear-cut areas in pine forests of the Tura Basin. Trudy
Inst. biol. UFAN SSSR no.16:5-23 '60. (MIRA 13:10)
(Tura Valley--Forests and forestry)

ZUBAREVA, R. S.

Forest vegetation in the trans-Ural pine forests of the Pyshma
Valley. Trudy Inst. biol. UPAN SSSR no.19:97-124 '60.

(MIRA 13:10)

(Pyshma Valley--Forest ecology)

ZUBAREVA, R. S.

ZUBAREVA, R. S.: "The forest growth of the Fyshna pine woods of Transuralia and its exploitation as a fodder base for animal husbandry". Sverdlovsk, 1955. Kazan' Order of Labor Red Banner State University J. I. Ul'yanov-Lenin. Inst of Biology, Ural Affiliate, Acad Sci USSR. (Dissertation for the degree of Candidate of Biological Sciences.)

SO: Anizhnaya Letopis' No. 50 10 December 1955. Moscow.

SHAFRAN, V.; ZUBAREVA, T., inzh.

Colossal plans. Za bezop.dvizh. 4 no.2:3-5 F '62. (MIRA 15:5)

1. Glavnyy inzh. inzhenerno-transportnoy masterskoy Instituta
Genplana Moskv (for Shafran).

(Moscow--Traffic engineering)

SIMVULDI, Ivan Anestovich; ZUBAREVA, T.A., red.; ANOSHINA, K.I., red.
izd-va; SHLYK, M.D., ~~red.~~ red.

[Computation of girders on a solid elastic base] Raschet balok na
sploshnom uprugom osnovanii. Moskva, Gos. izd-vo "Sovetskaya nauka,"
1958. 307 p. (MIRA 11:9)

(Girders)

ZUBAREVA, T.B.

Senile cataract in primary glaucoma. Uch. zap. GNII glaz. bol.
no.8:80-83163. (MIRA 16:9)

1. Glaznoye otdeleniye polikliniki No.7, Moskva.
(CATARACT) (GLAUCOMA)

ZUBAREVA, T.V.

Effectiveness of dispensary service for glaucoma patients
according to data of a district polyclinic in Moscow.
Uch.zap. GNIi glaz.bol. no.8:194-200'63. (MIRA 16:9)

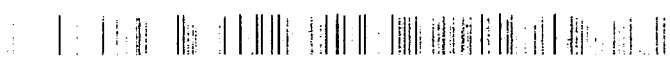
1. Gosudarstvennyy nauchno-issledovatel'skiy institut glaz-
nykh bolezney imeni Gel'mgol'tsa i glaznoye otdeleniye Poli-
kliniki no.7 Baumanskogo rayona Moskvy.
(MOSCOW--GLAUCOMA)

FROLOV, Nil Spiridonovich; ZURAREVA, T.V., red.

[Development and state of soil improvement in the U.S.S.R.]
razvitiie i sostoianie melioratsii v SSSR. Moskva, Kolos,
1966. 124 p. (MIRA 1818)

APPROVED FOR RELEASE Thursday, September 26, 2002
APPROVED FOR RELEASE Thursday, September 26, 2002

CIA-RDP86-00513R002065520009-2
CIA-RDP86-00513R002065520009-2



ZUBAREVA, T.V. (Moskva)

Larvae of the fly *Wohlfahrtia magnifica* in the conjunctival sack of
the eye and the lacrymal tract in man. Vest.oft. 69 no.5:92-93 S-0 '56.

(EYE--DISEASES AND DEFECTS)

(MLRA 9:12)

(FLIES)

(LACRYMAL ORGANS--DISEASES)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520009-2
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520009-2"

KUZNETSOV, B.N., inzh.; PATIST, U.I., inzh.; ZUBAREVA, V.A., inzh.; MALKOVA,
R.K., inzh.

Pipe for the petroleum refining industry. Stal' 25 no. 5446-447
My '65. (MIRA 1416)

BABENKO, I.I., kand.tekhn.nauk; ZUBAREVA, T.V., inzh.

Means of regulating water diversion from artesian wells. Gidr.
i mel. 14 no.4139-46 Ap '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki
i melioratsii im. A.N.Kostyakova.
(Chernyye Zemli--Artesian wells--Equipment and supplies)

L 42037

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520009-2"

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520009-2"

ACC NR: AR6005804

SOURCE CODE: UR/0137/66/000/010/DO30/DO30

AUTHOR: Kuznetsov, B. N.; Batist, U. I.; Zubareva, V. A.; Malkova, R. K.; Vovsina, A. D.

TITLE: Development of production technology for tubes of OKh13 and lKh13 steels for the petroleum refining industry

16 16 16

89
B

SOURCE: Ref. zh. Metallurgiya, Abs. 10D222

REF SOURCE: Sb. Proizv. svarn. i besshovn. trub. Vyp. 3. M., Metallurgiya, 1965, 110-115

PETROLEUM REFINERY EQUIPMENT,

TOPIC TAGS: chromium steel, metal tube, metal rolling, corrosion resistance / OKh13 steel, lKh13 steel

ABSTRACT: The steels OKh13 and lKh13, when performing at elevated temperatures and in sulfur-containing media display a corrosion resistance that is three times as high as that of Kh5M steel. The flowsheet of production of tubes of OKh13 and lKh13 steels is as follows: hot rolling-warm rolling-hot rolling. The regimes of the hot, warm and cold rolling of tubes as well as of the chemical treatment of warm- and cold-rolled tubes and of the heat treatment of tubes in the intermediate and finished sizes are worked out. 7 illustrations, 4 tables. L. Kachanova. [Translation of abstract]

SUB CODE: 13, 11
Card 1/1 at

UDC: 621.774.35

NEPALI A, V. C. -- "Improvement of the disinfectants Preparation of Water."
Jan. 3 Dec 1952, Acad. Sci. USSR. (dissertation for the Degree of
Candidate in Biological Sciences).

SO: Vechernaya Moskva January-December 1952

ZUBAREVA, V.G.

Enhancing the disinfecting properties of soap. Gig. i san. no.9:50-52 S '53.
(MLA 6:8)

1. Chkalovskiy meditsinskiy institut. (Soap)

VORONKOV, P.P.; ZUBAREVA, V.I.

Content of nutriments for plants combining nitrogen, phosphorus,
and iron in waters of various origins. Trudy GGI no.102:136-168
'63. (MIRA 16:8)

(Water--Composition) (Plants--Nutrition)

ZUBAREVA, V. I.

"A New Form of a Bird from the Pliocene of Odessa," Dok. AN, 23, No. 6, 1939;

"Fauna From the Paleolithic Station at Vykhatintsy," Priroda, No. 3, 1949.

ZUBAREVA V. I.

USSR/Biology
Zoology
Fauna

Mar 49

"Fauna From the Paleolithic Station at
Vykhvatintsy," V. I. Zubareva, 2 pp

"Priroda" No 3

Caves containing silicon ores and various fauna
near Vykhvatintsy, Rybnitsa Rayon, were excavated
in 1946 by Repub Mus of Regional Studies,
Moldavian SSR, and Sci Res Inst of Hist, Lang,
and Lit of Moldavia. Describes the 13 forms of
fauna obtained.

FDB

44/49T23

1.7.7. Home. Interch. bank.

1.7.7. Home. Interch. bank. The activities of the water transport workers as one of the forms of generalizing and disseminating the practice of the workers and employees of communist labor.

(UFR 13:2)

ZUBAREVA, V.Ya.

Artificial pneumothorax in the compound treatment of the destruc-
tive forms of pulmonary tuberculosis. Sov.zdrav.Kir. no.5:24-27
S-0 '62. (MIRA 15:10)

1. Iz Kirgizskogo nauchno-issledovatel'skogo instituta tuberkuleza
(dir. - prof. Yu.A.Volokh).
(TUBERCULOSIS) (PNEUMOTHORAX)

ABDULLAYEV, Asker Alekperovich; VLADIMIRSKIY, Abram Iosifovich;
GEFTLER, Leonid Mikhaylovich; GINZEURG, Marik Yakovlevich;
GUSEYNOV, Chingiz Saibovich; ZUBAREVA, Ye.I., ved. red.;
POLOSINA, A.S., tekhn. red.

[Automation of gas pipelines in foreign countries] Avtomati-
zatsia magistral'nykh gazoprovodov za rubezhom. Moskva,
Gostoptekhzdat, 1962. 109 p. (MIRA 16:3)
(Gas, Natural--Pipelines) (Automation)

SOROKIN, A.I., red.; ALEKSANDROV, A.V., red.; KLIMUSHIN, A.M.,
red.; KOPYTOV, V.F., red.; TREBIN, F.A., red.;
TURKIN, V.S., red.; CHERNYAK, L.M., red.; SOROKIN, A.I.,
red.; ZUBAREVA, Yelena Ivanovna, ved. red.; SOLGANIK,
Grigoriy Yakovlevich, ved. red.; POLOSINA, A.S., tekhn.red.

[Techniques used in the gas industry of foreign countries]
Zarubezhnaia tekhnika gazovoi promyshlennosti; doklady. Mo-
skva, Gostoptekhlizdat, 1963. 386 p. (MIRA 17:2)

1. International Gas Congress. 7th, Stockholm. 1961.

NEGREYEV, Vsevolod Fedorovich; KHANLAROVA, Anakhshana Guseynovna;
GADZHIYEVA, Rakhshanda Guseyn; ZUBAREVA, Ye.I., vud.
red.

[Protecting offshore oil field structures from corrosion]
Zashchita ot korrozii morskikh neftepromyslovyykh sooruzhenii.
Moskva, Nedra, 1964. 310 p. (MIRA 17:12)

YABLONSKIY, Vladimir Sergeevich, prof.doktor tekhn. nauk [deceased];
NOVOSELOV, Viktor Fedorovich, dots., kama, tekhn. nauk;
GALINOV, Vladimir Sergeevich, st. prepod., inzh.; ZAKIROV,
Gaffan Zakirovich, st. prepod., inzh.; KULIKOV, A.A., ratsen-
zent; ZUBAREVA, Ye.I., ved. red.

[Planning, operation and repair of petroleum products pipe-
lines] Proektirovanie, ekspluatatsiia i remont neftepro-
duktov. [By] V.S.Yablonskii i dr. Moskva, Nedra, 1965. 410 p.
(MIRA 18:5)

1. Zamestitel' nachal'nika Glavnogo upravleniya po snabzhe-
niyu narodnogo khozyaystva nefteproduktami RSFSR (for Kulikov).

ARKHIPOV, Konstantin Ivanovich; ZUBAREVA, Ye.I., ved. red.

[Development in petroleum and chemical apparatus
manufacture] Razvertki v neftnom i khimicheskom ap-
paratostroenii. Moskva, Izd-vo "Nedra," 1964. 189 p.
(MIRA 17:6)

LYANDRES, Zalman Ovzerovich; ZUBAREVA, Ye.I., ved. red.

[Calibrating vertical cylindrical tanks with pontoon roofs]
Kalibrovka vertikal'nykh tsilindricheskikh rezervuarov s
pontonami. Moskva, Nedra, 1964. 50 p. (MIRA 17:6)

KORZHINSKIY, G.P.; ZUBAREVA, Ye.I., ved. red.; YAKOVLEVA, Z.I.,
tekhn. red.

[Table of conversion of the density of petroleum products]
Tablitsa perescheta odnositel'noi plotnosti nafteproduktov.
Moskva, Gostoptekhnizdat, 1962. 19 p. (MIRA 16:6)
(Petroleum products--Density)

KORZHINSKIY, G.P.; ZUBAREVA, Ye.I., ved. red.; YAKOVLEVA, Z.I.,
tekhn. red.

[Conversion table of the relative density of petroleum
products] Tablitsa perescheta otnositel'noi plotnosti nefte-
produktov. Moskva, Gostoptekhizdat, 1962. 19 p.

(Petroleum products--Density)

(MIRA 16:4)

GOL'DSHTEYN, Abram Samoylovich; KIRGEYENKO, Vladimir Ivanovich;
ZUBAREVA, Ye.I., ved. red.

[Suspended and arched passage of petroleum products] Vi-
siachie i archnye perekhody nefteprovodov. Moskva,
Nedra, 1964. 115 p. (MIRA 17:6)

IVANTSOV, Oleg Maksimovich; ZUBAREVA, Ye.I., ved. red.

[Underground storage of liquefied hydrocarbon gases]
Podzemnoe khranenie szhizhzhennykh uglevodorodnykh
gazov. Izd.2., perer. i dop. Moskva, "Nedra," 1964.
145 p. (MIRA 17:5)

POGORELYY, Pavel Petrovich; FORER, I.B., red.; ZUHAREVA, Ya.I.,
ved. red.; STAROSTINA, L.D., tekhn. red.

[New equipment of gas-regulator sections and gas-regulator
plants] Novoe oborudovanie gazoregulatornykh punktov i ga-
zoregulatornykh ustanovok. Moskva, Gostoptekhizdat, 1963.
37 p. (MIRA 16:4)

(Gas governors)

KELLER, A.A.; RABER, Sh.M.; PLITMAN, I.B.; ZUBAREVA, Ye.I., ved.
red.; YAKOVLEVA, Z.I., tekhn. red.

[Operator of an automobile service station] Operator avtoza-
pravochnoi stantsii. Moskva, Gostoptekhnizdat, 1962. 137 p.
(MIRA 15:11)

(Service stations)

POL'SKIY, Svyatoslav Mikhaylovich; ZUBAREVA, Ye.I., ved. red.;
BASHMAKOVA, G.M., tekhn. red.

[New flowmeters and consumption meters in the petroleum and
petrochemical industries abroad] Novye zhidkostnye schetohiki
i raskhodomery v neftekhimicheskoi promyshlennosti za rube-
zhom. Moskva, Gostoptekhizdat, 1962. 76 p. (MIRA 15:10)
(Flowmeters)

(Petroleum industry--Equipment and supplies)

ZUBAREVA, Zinaida Nikolayevna; GRUYEVITSEVA, M.F., red.; TSYPO, P.V., tekhn.
red.

[Nature study corner in elementary schools; a manual for teachers in elementary schools] Ugolok zhivoi prirody v nachal'noi shkole; posobie dlia uchitelia nachal'noi shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1957. 125 p. (MIRA 11:7)
(Nature study)

ZUBAREVA, Z.P. (Leningrad, ul. Baltiyskaya, d.25, kv.3)

Conditions of the nerve structures in spontaneous mouse mammary
tumors. Vop.onk. 5 no.9:367-370 '59. (MIRA 12:12)

1. Iz laboratorii morfologii (zav. - chlen-korrespondent AN SSSR
prof. N.G. Kolosov, konsul'tant temy - doktor med.nauk. A.S. Iontov)
Instituta fiziologii im. Pavlova AN SSSR i laboratorii eksperimental'-
noy onkologii (zav. - chlen-korrespondent AMN SSSR prof. L.M. Shabad)
Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR
prof. A.I. Serebrov).
(ADENOCARCINOMA pathol.)
(NERVOUS SYSTEM pathol)

ZUHAREVA, Z.P. (Leningrad, 95, ul. Baltiyskaya, d.25, kv.3)

Changes in nerve fibers in transplanted tumors. Vop.onk. 5
no.2:154-160 '59. (HIRA 12:6)

1. Iz II psikhiatricheskoy bol'nitsy g.Leningrada (glavn.vrach -
T.I.Nikolayeva, konsul'tant raboty - dr. med.nauk A.S.Iontov) i
laboratorii eksperimental'noy onkologii (zav. - chlen-korrespondent
AMN SSSR prof. L.M.Shabad) Instituta onkologii AMN SSSR (dir. -
chlen-korrespondent AMN SSSR prof. A.I.Serebrev).

(SKIN NEOPLASMS, exper.

peripheral nerve changes in mice (Rus))

(NERVES, PERIPHERAL, pathol.

in skin cancer in mice (Rus))

ZUBAREVA, Z.P.

Mental disturbances in extracerebral tumors. Vop. psikh i nevr.
no.3:81-90 '58. (MIRA 12:3)

1. Iz II Leningradskoy psikhonevrologicheskoy bol'nitsy.
(PSYCHOSES) (CANCER--PSYCHOLOGICAL ASPECTS)

ZUBAREVA, Z.P. (Leningrad)

Psychopathological syndromes in malignant tumors of internal
organs. Trudy Gos. nauch. issl. psikhonevr. inst. 29:369-381
'63. (MIRA 17:8)

ZHURAVYA, Z.P. (Leningrad, Mal'tiyakaya ul., 25, kv. 3)

Receptors of the breast in cysto- and adenocarcinoma. Arkh.
anat. gist. i ostr. 41 no. 8 79-82 Ag '61. (MIRA 15:6)

1. Laboratoriya morfologii (zav. - chlen-korrespondent AN
SSSR prof. N.G. Kolozov) Instituta fiziologii imeni I.P.
Pavlova.

(BREAST - CANCER)
(BREAST - PRESERVATION)

ARUTYUNOV, Y.S.; ZUBAREVA, Z.P.

Psychosis in lipogranulomatosis (disseminated and abscessed).
Zhur. nevr. i psikh. 61 no.5:750-755 '61. (MIRA 14:7)

1. Psikhiatricheskaya klinika (zav. - prof. D.S.Ozeretskovskiy)
I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova i 2-y
Leningradskoy psikhonevrologicheskoy bol'nitsy (glavnyy vrach
T.I.Nikolayeva).

(LIPIDOSIS) (PSYCHOSES)

BOGDANOV, V.P., inzh.; ZUBAROV, D.L., inzh.

Using high-strength cast iron in shipbuilding. Sudostroenie 29
no.6:57-59 Je '63. (MIRA 16:7)
(Shipbuilding materials) (Cast iron)

SECHERBAN', A.N.; ZUBAROV, M., redaktor; VUYEK, M., tekhnicheskii redaktor.

[From stopes to entire mines operating on an uninterrupted mining
schedule] Ot tsikluisushchikhsia lav do shakht sploshnoi tsiklich-
nosti. Kiev, Gos. izd-vo tekhnicheskoi lit-ry USSR, 1953. 153 p.
(Coal mines and mining) (MLRA 8:2)

ACC NR: AP6019831 (A) SOURCE CODE: UR/0370/66/000/001/0113/0118

AUTHOR: Oding, I. A. (Deceased; Moscow); Zubarov, P. V. (Moscow) 37

ORG: none 36
B A

TITLE: Nature of metal hardening during mechanical and heat treatment

SOURCE: AN SSSR. Izvestiya. Metally, no. 1, 1966, 113-118

TOPIC TAGS: metal hardening, mechanical heat treatment, plastic deformation, polygonization development

ABSTRACT: The effect of hardening by mechanical and heat treatment is due to the following structural processes which take place within the volume of the metal: 1) plastic deformation; 2) polygonization; and, 3) reaction of dislocations with atoms of the impurities. The present article describes the application of these processes to a number of metals and alloys. The process of mechanical and heat treatment ends with a relatively small degree of deformation (up to 10%), followed by subsequent (or simultaneous) annealing at temperatures below the recrystallization temperature. The experiments were carried out with Armco iron of the following composition, %: 0.03 carbon; 0.18 silicon; 0.12 manganese; 0.025 sulfur; 0.01 phosphorous; 0.25 copper. Samples

L 42313-66

ACC NR: AP6019831

with a diameter of 10 mm and a working length of 100 mm were deformed by a 5% elongation and were annealed at 400, 450, 500, 550, and 600°C for a period of 25 hours, after which they were tested for creep at a temperature of 400°C and a stress of 20 kg/mm². All samples were subjected to a metallographic analysis. Results are shown in a series of curves. Orig. art. has: 5 figures.

SUB CODE: 11,13,20/SUBM DATE: 15Jul65/ ORIG REF: 009/ OTH REF: 004

Card 2/2 *llh*

YU. V. GRODIN, V. F. ZUBAROV.

In a Russian Symposium of Papers entitled "Heat Treatment of Rails", edited by I. P. Bardin and published by the Soviet Academy of Science, Moscow 1950. The following articles appeared; Flake Formation in carbon steel.

SO: 806103

ZUBAROV, Yu.G.

Regulation of navigation in the Strait of Dover. Inform. sbor.
TSNIIMF no.98 Sudovozh. i sviaz' no.23:63-66 '63.
(MIRA 13:11)

MIRACOVA, M.A.

Effect of mass production of shipping vessels on their building
and the cost of shipping. Sidostrenia no. 7:57-
CI 62 195. (MIRA 18:8)

ZUBAROVA, M.A.

Selecting the optimal speed of dry cargo ships. Trudy
TSNIIME no.65:26-33 '65. (MIRA 18:12)

RYZHENKO, S.P.; ZUBAROVSKIY, N.I., inzh.

Electric transportation of containers with freight documents. Avtom.,
telem. i sviaz' 7 no.8:27-29 Ag '63. (MIRA 16:9)

1. Starshiy inzh. Byuro po delam ratsionalizatsii i izobretatel'stva Uzhgorodskogo otdeleniya L'vovskoy dorogi (for Ryzhenko).
2. Byuro po delam ratsionalizatsii i izobretatel'stva Uzhgorodskogo otdeleniya L'vovskoy dorogi (for Zubarovskiy).
(Railroads--Equipment and supplies)

ZUBAROVSKIY, N.I.

Electric mail transporting system. Avtom., telem. i svyaz' 7
no.3:39 Mr '63. (MIRA 16:2)
(Railroads--Communications systems)

ZUBAROVSKIY, V.M. (Kiev).

Observations on the biology of the common cuckoo (*Cuculus canorus*
L.) [with summary in English]. Zool. zhur. 37 no.1:141 Ja '58.
(MIRA 11:2)

1. Institut zoologii AN USSR.
(Kiev Province--Cuckoos)

10

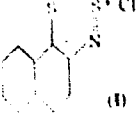
CONDENSATION OF ISATIN WITH STROPHANTHIN. V. O. GAINI and V. M. ZUBROVSKII. *J. Gen. Chem. (U. S. S. R.)* 7, 301 (1937). Isatin (I) reacted with α -C₁₁H₁₁OH (II) in the presence of POCl₃, forming 2-oxo-3,3'-diaphthonylidene (III), identical with the condensation product obtained by Canda (C. A. 17, 1638) from I and II in the presence of H₂SO₄. The condensation of I and II and its Ac deriv. (IV) in 100% AcOH resulted in the spiro compd. 2-oxo-1,1'-[2,2'-diaphthylidene]1,1'-bisindoline (V) (C₂₂H₁₆N₂O₂). III and V are white cryst. products poorly sol. in H₂O and most org. solvents and sol. in MeCOPh and C₆H₆. A mixt. of 10 g. (1 mol.) I and 20 g. (2 mols.) II at 115° was treated slowly with 1-2 cc. POCl₃. The prodn. reaction product, after heating at 110-20° for 20 min. and cooling, was stirred with 200 cc. of 4% NaOH at 60° and filtered. The residue washed with water and alc. and then freed from resinous matter by refluxing with Et₂O gave 16 g. (57%) III, m. 342-52° (sealed capillary). I with IV treated as above afforded only a resinous product. I with 2 mols. of II in 50 cc. of 100% AcOH was refluxed until completely dissolved (3-5 min.). After the addn. of 10 cc. of concd. H₂SO₄ inside of 4-5 min., the mixt. was heated at 120° for 10 min. and then filtered cold. The ppt. was washed with alc. and POCl₃ and dried at 105°, giving 53.3% V, m. 390° (sealed capillary). I with IV treated as above resulted in 37% V, m. 360° (impure). Ac deriv. m. 270°. Twenty-five references. Chas. Blanc

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

CLASSIFICATION	INDEX	SEARCHED	SERIALIZED	FILED	DATE	BY

Synthesis of 2-alkyl derivatives of naphtho[2,1-b]thiazole.

V. M. Zubarovskii. *J. Gen. Chem.* (U.S.S.R.) 17, 613-616 (1947) (in Russian). A convenient synthetic method was found for 2-alkyl-derivatives of naphtho[2,1-b]thiazole, based on the Hofmann method (Ber. 20, 1795; 1897). *Naphthylmethanaminium chloride* (I) was best prepared by Hertz' method (Ger. 360,630) in AcOH. 1 mole 2-Cash-NH₂·HCl and 7 moles AcOH were slowly treated with



stirring with 4 moles S₂Cl₂ over 1 hr., and the mixt. was carefully heated with stirring on a steam bath (total time 2.5 hrs.); on cooling the chloride was filtered off and washed with AcOH and a volatile solvent (Et₂O, CCl₄, etc.). After rapid drying, the product is best stored in closed vessels; the yield is somewhat over 100% because of small amts. of impurities. The chloride (25 g.), slowly added with stirring to 300 cc. Et₂O at 40°, then heated to 60°, yields 18.5-19.2 g. of the corresponding *thiazolium hydrochloride* (II), gray-green, m. 147.3° (decolor.; from EtOH). The hydrochloride (15.0 g.) in 80 cc. hot EtOH was rapidly treated with 13.6 g. KOH in 50 cc. EtOH; the exothermal reaction subsided in 2-3 min.,

the filtrate was rapidly filtered off, the filtrate except on water, and the resulting warm melt of a *p-methyl-naphthylmethane* treated with 110 g. Ac₂O, refluxed 1.5 hrs., then poured into EtOH. EtOH washed with 20% NaOH, yielding *2-methyl-naphtho[2,1-b]thiazole* in 43.0% purified through the EtOH. *2-Methyl-naphtho[2,1-b]thiazole* m. 242° (from EtOH). *2-Ethyl-naphtho[2,1-b]thiazole* (from *p-Me-NH₂·HCl*) m. 152° (from EtOH). *2-Propyl-naphtho[2,1-b]thiazole* (from CHCl₃) m. 172°. Heating the m. 170° (from CHCl₃) sulfate with an equiv. amt. of *p-Me-NH₂·HCl*·CHO (to base sulfate) with an equiv. amt. of *p-Me-NH₂·HCl*·CHO gave the corresponding *ethyl ester* (soluble in EtOH), m. 243°, absorption max. 337 mμ. When 72.2 g. II suspended in 50 cc. EtOH was treated with 16.5 g. KOH in 100 cc. EtOH and the product worked with 20 g. Et₂O on a steam bath 10 min. and washed up as above, there was obtained 34% *2-ethyl-naphtho[2,1-b]thiazole* in 16% purified either through the HCl salt or by soln. in Et₂O or EtOAc. *p-Tolyl*, m. 183° (from EtOH), with 25% NaOH gave the pure thiathole in colorless crystals, m. 23°. HCl salt m. 183°; *methylidene* decomp. 210°; *ethylidene* (from EtOH) m. 167° (from CHCl₃), gave with *p-Me-NH₂·HCl* in Ac₂O the corresponding *ethyl ester* (obtained) to the Ac₂O (70% yield), red needles, decomp. 195° (from EtOH), absorption max. 370 mμ; the sulfonate with HC(OEt)₂ in C₆H₅N gave *ethyl naphtho[2,1-b]thiazole-2-yl-2-yl-2-methyl-naphthylmethane sulfide*, absorption max. 369 mμ. Similarly, 16.1 g. II and 13.0 g. KOH in EtOH, followed by treatment as given above with 32.5 g. Et₂O gave 34% *2-propyl-naphtho[2,1-b]thiazole* in 17% (from EtOH), m. 237°; *p-tolyl* m. 183° (from EtOH). HCl salt decomp. 160°; *ethylidene* m. 205° (from EtOH). *ethylidene* (from CHCl₃) m. 165° (from CHCl₃), forms the *ethyl ester* (III).

11A

ASB 11A METALLOGICAL LITERATURE CLASSIFICATION																	
FIELD CLASSIFICATION																	
SUBJECT CLASSIFICATION																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

CH_2 and S give 20-5% V. 2,3-Benzotrithione (Powles and McClelland, C.I. 35, 4769) yields a HgCl_2 compl., m. 225°, and a *methoxide*, wine-red, m. 130-40°. $\text{Me}-\text{CH}-\text{CHPh}$ or $\text{CH}_2\text{CHCH}_2\text{Ph}$ gives 25% 3-phenyltrithione, dark orange-red, m. 120°; oxidation gives H_2OII $\text{PhCMe}-\text{CH}_2$ and S give 30% 2-phenyltrithione, Multi color, m. 121° (*oxime*, orange-yellow, m. 173° (decomp.)). Pinene (280 g.) and 270 g. S, heated 1 hr. at 240°, give 85% of the *trithione* Coll. 85, m. 100°, [α]_D²⁰ -12°, [α]_D²⁵ 6.45° (1.5% in CHCl_3), *methoxide*, light yellow, m. 141-27° (decomp.), *oxime*, orange yellow, m. 121°. $\text{CH}_2\text{CHCMe}-\text{CH}_2$ and S give about 8% of the *trithione*, Coll. 88, dark yellow, m. 97° (*oxime*, light yellow, m. 180°). $\text{PhCH}-\text{CH}_2$ and S give 2,3-diphenylthiophene and PhEt . 1-Phenyl-1-cyclopentene and S,

USSR/Chemistry - Dyes/uffs
Benzothiazole Derivatives
NOV 51

"2-Hydroxybenzothiazole and Its Conversion,"
V. M. Zubarovskiy, Inst of Org Chem, Acad Sci
USSR

"Zhurn Obshch Khim" Vol XXI, No 11, pp 2055-2064

By synthesis not previously described, prepd
2-(p-toloxymethyl)benzothiazole (I) with good yield;
studied its properties; prepd a number of its
derivs. From I through intermediate 2-bromo-
mercaptobenzothiazole synthesized a number of new
derivs of 2-methylbenzothiazole (II) with

194754

USSR/Chemistry - Dyes/uffs (Contd) NOV 51

Different substituents in Me group. Noted unique
conversion of quaternary salts of certain α -sub-
stituted derivs of II into quaternary salts of II
as a result of heating. From quaternary salts of
the deriv of I synthesized 3 new dyes/uffs (di- and
tri-methane derivs of the styryl type).

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