

KORSHEV, B.S.; KUSHNAREVICH, R.L.

Case of gas infection of the hand. Zdrav. Kazakh. 21 no.2:64-
65 '61. (MIRA 14:3)

1. Iz Yuzhno-Kazakhstanskoy oblastnoy bol'nitsy.
(HAND--DISEASES) (GANGRENE)

KUSHNAREVICH, R.L.

Case of anomalous development of the large intestine in
association with its interposition. Vest. rent. i rad. 38
no.1:72-73 Ja-F'63. (MIRA 16:10)

1. Iz rentgenovskogo otdeleniya (zav. R.L.Kushmarevich) Yuzhno
Kazakhstanskoy oblastnoy bol'nitsy (glavnyy vrach V.M.Aliyev).

*

VOL'FSON, F.I.; KUSHNAROV, I.P.; LUKIN, L.I.; KHOROSHILOV, L.V.

Age relation between diabase-porphyry dikes and ore-bearing veins;
reply to I.M. Mirkhodzhaev's article. Zap. Uz. Otd. Vses. min. ob-va
no.12:115-120 '58. (MIRA 11:10)
(Karamazar Mountains--Ore deposits)

KUSHNAR'OV, M.A.

Filterable forms of the diphtheria microbe. Mikrobiol. zhur. 14 no. 3:68-72
'52. (MLRA 6:11)

1. Z Abakans'koi mis'koi bakteriologichnoi laboratorii. (Diphtheria)

KUSHNARSKIY, M. (g. Nal'chik)

Vertical looms for rug weaving. Prom,koop. no.4:27 Ap '57.
(MLRA 10:7)

1. Predsedatel' pravleniya arteli "Goryanka."
(Looms)

KUSHNARSKIY, M.

Urgent problems of the carpet industry. Prom.koop. 13 no.11:
26-27 N '59. (MIRA 13:3)

1. Predsedatel' pravleniya arteli "Goryanka," g.Nal'chik.
(Rug and carpet industry)

ASTAPOV, S. V., Prof.; KUSENAYEV, D. M.

Soil Percolation

Estimating filtration and other physical properties of soils in canals dug by blasting. Gidr. i mel. 4, no 9, 1952

9. Monthly List of Russian Accessions, Library of Congress, December 1952; Uncl.

KUSHNER, A. (Saratov)

Red banner to the best organization. Voen. znan. 25 no.1:18

Ja '49.

(MIRA 12:12)

(Balashov--Military education)

ANDREYEV, B.I.; VORONTSOVA, A.N.; DANILOV, A.D.; KISTANOV, V.V.;
KOSTENNIKOV, V.M.; KUSHNER, A.I.; LEDOVSKIKH, S.I.;
LESNOV, M.F.; MALINOVSKIY, E.P.; MOSHKOVA, N.V.; MUKHIN,
G.I.; PASHKEVICH, V.I.; RZNEVUSKAYA, D.M.; SAVCHENKO, N.A.;
SKOBEYEV, D.A. [deceased]; LISOV, V.Ye., red.;
SAZANOVICH, N.K., red.

[Economic regions of the U.S.S.R.] Ekonomicheskie raiony
SSSR. Moskva, Ekonomika, 1965. 589 p. (MIRA 18:6)

1. Moscow. Institut narodnogo khozyaystva. 2. Kafedra
ekonomicheskoy geografii Moskovskogo instituta narodnogo
khozyaystva im. G.V.Plekhanova (for all except Lisov,
Sazanovich).

MINEYEV, P.A., inzh.; GUREVICH, Ye.S., inzh.; SHINKA, V.Ya., inzh.;
BUKHTER, Ye.Z., inzh.; SHCHERBAKOV, V.S., inzh.; IL'INA,
N.I., inzh.; GLUKHOV, V.V., inzh.; GOGOLINA, T.V., inzh.;
KROTKOV, V.N., inzh.; STASHIN, Ye.A., inzh.; KUSHNER, A.P.,
Inzh.; YERMAKOVA, P.I., inzh.; PAVLOV, R.V., inzh., red.;
KASPEROVICH, N.S., ~~red.~~ izd-va; UVAROVA, A., tekhn. red.

[Catalog of refrigeration equipment] Katalog kholodil'nogo
oborudovaniia. Moskva, Mashgiz, 1963. 186 p.

(MIRA 16:7)

1. Russia (1923- U.S.S.R.) TSentral'noye konstruktorskoye
byuro kholodil'nogo mashinostroyeniya. 2. TSentral'noye konstruk-
torskoye byuro kholodil'nogo mashinostroyeniya (for all except
Kasperovich, Uvarova).

(Refrigeration and refrigerating machinery--Catalogs)

KUSHNER, B.A.

Existence of unbounded analytic constructive functions. Dokl. AN
USSR 160 no.1:29-31 Jan '65. (USDA 18:2)

1. Moskovskiy gosudarstvennyy universitet. Submitted June 26, 1964.

KUSHNER, B.A.

Riemannian integration in constructive analysis. Dokl. AN
SSSR 156 no. 2:255-257 My '64. (MIRA 17:7)

1. Predstavleno akademikom P.S.Novikovym.

ARTIZANOV, Ye.A., inzh.; DORFMAN, Yu.I., inzh.; ZASLAVSKIY, Ye.G.,
inzh.; KUSHNER, B.I., inzh.; PLUTSHEN-SARNO, Yu.N., inzh.;
SMOL'YANINOV, A.Ye., inzh.; SPIVAK, Ya.L., inzh.; STRUNGE,
B.N., inzh.; EPSHTEYN, A.S., inzh.; SAZONOV, A.G., inzh.,
red.; USENKO, L.A., tekhn. red.

[The TE10 diesel freight locomotive] Gruzovoi teplovoz TE10.
Moskva, Transzheldorizdat, 1962. 171 p. (MIRA 15:10)
(Diesel locomotives)

YABLENIK, B.S.

YABLENIK, B.S., professor; KUSHNER, E.V. (Chkalov)

Tuberculosis of the skin and its treatment in Chkalov Province.
Vest.derm. i ven. 31 no.3:51 My-Je '57. (MIRA 10:11)
(CHKALOV PROVINCE--SKIN--TUBERCULOSIS)

KUSIDIN, G.F.

General theory of surfaces of the second order in the vector
presentation. Uch. zap. Astr. gos. ped. inst. 9 no. 2:
38-56 '62 (MIRA 19:1)

DANILIN, M.A.; KUSHNER, G.M.; TSODOKOVA, R.S.

Oscillometric observations on cardiac activity in anesthetized patients. Vest. khir. 89 no.10:101-105 O '62.

(MIRA 17:10)

1. Iz Velikolukskogo mezhrayonnogo onkologicheskogo dispansera (glavnyy vrach - zasluzhennyy vrach RSFSR S.Ya. Gen). Adres avtorov: Velikiye Luki, ulitsa Stavskogo, dom 77, Onkologicheskii dispanser.

ROZET, G.I., dotsent; KUSHNER, I.P. (Krasnoyarsk)

Rural public health service in the Ye. isoy Government on the
eve of the Great October Socialist Revolution. Trudy. Fern.
gos. med. inst. 43:273-283 '63. (VISA 17:6)

REZNIKOV, A.N., doktor.tekhn.nauk, prof.; KUSHNER, I.S., assistant;
KIRSHBAUM, V.I., assistant

Geometrical analysis of round rotating cutting tools. Izv.
vys.ucheb.zav.; mashinostr. no.7:201-213 '63. (MIRA 16:11)

1. Kuybyshevskiy politekhnicheskoy institut.

CP

11f

The blood composition of camels in connection with their working ability. H. F. Kushnir and G. N. Kitaeva. *Bull. acad. sci. U. S. S. R. Div. sci. math. nat. Ser. biol.* 1938, 003-10 (in English, 910). On 95 female and 3 young male camels hemoglobin content (I), the no. of erythrocytes (II), their size (III) and the blood alk. (IV) were studied. I and II increased with camels aged from 0 months to 1.5-2 yrs. After the age of 1.5-2 yrs. a decrease of both components is noted. A decrease of IV is noted only after 2.5 yrs. Within each group of camels which were uniform with respect to species, age and sex, those animals had a higher energy of growth, greater body wt. and higher working ability whose blood had higher values of I, II and IV.

Charles Jarowski

PROCESSING AND PROPERTIES INDEX																																																																													
1ST AND 2ND GROUPS													3RD AND 4TH GROUPS																																																																
CA 11F Composition of the blood of horses as related to their working capacity. Kh. E. Kuyshper. <i>Bull. Acad. Sci. U. R. S. S., Ser. Biol.</i> 1939, 103-104 in English, 110; of C. A. 33, 2362. --The chief constituents of the blood responsible for its oxidizing functions (no. of erythrocytes, hemoglobin content and blood alk.) show the highest indexes in race horses, then in cavalry horses, next in trotters and, least of all, in draft horses. These differences are correlated with the character of the phys. labor ordinarily performed by animals of the 4 types. 17 references. John Livak																																																																													
COMMON ELEMENTS COMMON VARIABLE MOIE ASH-51A METALLURGICAL LITERATURE CLASSIFICATION																																																																													
<table border="1"> <thead> <tr> <th colspan="13">1ST AND 2ND GROUPS</th> <th colspan="13">3RD AND 4TH GROUPS</th> </tr> </thead> <tbody> <tr> <td colspan="13">[Grid of dots]</td> <td colspan="13">[Grid of dots]</td> </tr> </tbody> </table>																										1ST AND 2ND GROUPS													3RD AND 4TH GROUPS													[Grid of dots]													[Grid of dots]												
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Composition of the blood of horses, asses and mules in connection with heterosis of mules. Kh. F. Kushnir. *Bull. acad. sci. U. R. S. S., Ser. Sci. 1939, 171-80 in English, 1938*; cf. C. A. 34, 4080. — The chief constituents of the blood responsible for its oxidizing functions (no. of erythrocytes, hemoglobin content, blood alk.) show the highest indexes in the mules, then in horses and asses. Thus the heterosis of the mules in respect to the working ability and resistance is partly conditioned by the higher oxidation capacity of their blood. 46 references.

C. Jarowski

ASD SCA METALLURGICAL LITERATURE CLASSIFICATION

Investigation of the composition the blo-1 of Yaroslav cattle in connection with their productivity. Kh. F. Kushner. *Bull. acad. sci. U. R. S. S., Str. biol.* 1939, 189 (in English, 200); cf. *C. A.* 34, 4989. The hemoglobin content, size and no. of erythrocytes and reserve alkyl. were all greater in cows of the high record class, distinguished from all the other cows by their higher milk productivity, greater body wt. and higher index of eurysoy. The lower the index of eurysoy in other breeds, the lower is the index of the oxidizing ability of the blood. 59 references. C. Jarowski

434.554 METALLURGICAL LITERATURE CLASSIFICATION

COMMON TITLES										PROCESSING AND PROPERTIES INDEX										COMMON VARIABLES INDEX									
BC																				P-4									
Changes in blood of draft horses during work and rest. H. E. Kuzmina (Compt. rend. Acad. Sci. U.R.S.S., 1939, 22, 380-384).—Hemoglobin, red count, red-cell diameter, and p_a were recorded in horses during work and rest and the effects of training studied. Considerable increases in hemoglobin and red count were found with training. W. F. F.																													
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ca

Blood composition in sheep in relation to their productivity. Kh. P. Kudmer. *Bull. Inst. Genetics* (U. S. S. R.) 1940, No. 18, 66-69 (in English, 92-4). In Württemberg and in mountain (Ganib) sheep and in crosses of these a high hemoglobin content and large oxidizing surface of erythrocytes per unit of blood vol. cause a more intensive metabolism, and thus insure a more energetic growth of young sheep, and attainment of a greater wt. of the mature animals. The highest hemoglobin content and largest no. of erythrocytes are displayed by newborn lambs. These indexes fall sharply to the age of 7-14 days. In ewe lambs of 40-60 days and in yearling ewes they increase again and in abs. values they are much higher than in adult females. Württemberg sheep have higher hemoglobin content and a greater no. of erythrocytes per 1 cu. mm. of blood, the erythrocytes being larger. Animals of greater body wt. possessed larger erythrocytes. The oxidizing properties of blood have a definite relation to the productivity of sheep.

W. R. Henn

CR

11F

Blood composition of cattle in relation to their productivity. Kh. F. Kushner. *Bull. Inst. Genet.* (U. S. S. R.) 1946. No. 13, 85-110 (in English, 119-20); cf. C. A. 34, 2003. --No. of erythrocytes and hemoglobin content (except in cattle of mountain breeds) increase, and size of the erythrocytes decreases in the order calf, cow, bull. The hemoglobin content is higher in cows in late pregnancy than in lactating cows. The hemoglobin content is higher in the calves of mountain breed than in the full-grown animal. The animals with the greater no. of erythrocytes were found on the av. of greater body wt. In 5 out of 6 groups the heavier animals also possessed a higher hemoglobin content. No relation was found between the size of erythrocytes and the milk productivity or growth. There exists a definite correlation between the oxidizing ability of blood and the rate of growth and productivity in cattle. 40 references. W. R. Henn

KUSHNER, Kh. F.

"On the genetic and physiological nature of heterosis and inbreeding depression," (p. 259)
by Kh. F. Kushner.

SO: Journal of General Biology (Zhurnal Obschei Biologii) Volume II No. 2, 1941.

KUSHNER, Kh. F. and NECHAYEV, I. A.

Mem., Genetics Institute, Acad. Sci. (-1947-)

"A Study of the Norm of the Reaction of Chickens in Live Weight and of Their Egg-Laying Under Different Conditions of Care," Dok. AN, 58, No. 8, 1947

KUSHNER, KH. F.

42494. Michurintsy-Zhivotnovody. (Akad. M. F. Ivanov I Yego Posledovateli)
Yestestvoznaniye V. Shkole, 1948, No. 5, S. 23-30--Bibliogr: S. 30

KUSHNER, KH. F.

PA 68T88

USSR/Medicine - Genetics

May 1948

Medicine - Heredity, Mechanism

"Genetic Differences of Animals With Identical
Genealogy," Kh. F. Kushner, Kh. B. Al'perovich, Inst
of Genetics, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LX, No 5

Presents data collected during course of studies on
determining a relationship between two parents and its
offspring. Gives reasons for difference between full
offspring and its half brother or half sister and re-
sults of further studies of genotypic differences.
Submitted by Academician I. I. Shmal'gauzen 12 Mar
1948.

68T88

KUSHNER, KH. F.

"Phenomena of zenia and telogony in animals."
(p. 200) By Kushner, Kh. F.

SO: Journal of General Biology(Zhurnal Obshchei Biologii) Vol. 4, No. 3, 1949

BA
B-III

Effect of poultry diet during the mating season on growth and productivity of the progeny. Kh. F. Kushner and O. N. Kitayeva (C. R. Acad. Sci. USSR, 1949-50, 887-890).—Qual. and quant. improvement of chicken feed before and during the mating season reduces the mortality rate of the chicks, which grow faster, commence egg-laying sooner, and lay more and larger eggs than do controls from parents not receiving the higher ration scale. R. Tauson.

1/E

CA

Production and incubation characteristics of eggs from hens on different diets. Kh. P. Kushner, G. Ya. Korepanova, and V. N. Bukin (A. N. Bakh Inst. Biochem. and Inst. Genetics, Acad. Sci. U.S.S.R.). *Doklady Akad. Nauk S.S.S.R.* 72, 1191-4(1950).—Hens fed with added vitamins A, B₁, and D₃, with full-valued or with low-protein diets, showed the advantages of the vitaminized diet; especially on otherwise balanced feed in respect to continued high level of egg productivity in winter months. Their eggs also showed a significantly higher content of A and B₁ vitamins than in other groups. A better egg fertility was also indicated. G. M. K.

KUSHNER, Kh. F.; KITAYEVA, O. N.

Measures in control of negative results of inbreeding in
poultry. Diklady Akad. nauk SSSR 79 no.4:665-668 1 Aug 1951.
(CML 21:1)

1. Institute of Genetics, Academy of Sciences USSR.
2. Presented 4 June 1951 by Academician K. I. Skryabin.

KUSHNER, KH. F.

"Selection of Pedigree Breeds for Crossing; Results of Some Experimental and Genealogical Studies." (p. 3) Kushner, KH. F.

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. 13, No. 1, 1952.

1. KUSHNER, Kh. F.; GANTSHEL', M. A.; LEONOV, D. G.
2. USSR 600
4. Poultry Breeds
7. Intervarietal crossing of chickens on the "Kommunarka" State Farm, Sots. zhiv, 14, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. KUSHNER, Kh. F.; KOREPANOVA, G. YA.
2. USSR 600
4. Poultry Breeding
7. Effect of the intensiveness of feeding of breeding cocks on the quality of the progeny, Trudy Inst. gen, No. 19, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. Kh. F. KUSHNER, O. N. KITAYEVA

2. USSR (600)

4. Blood - Transfusion

7. Experiment in overcoming negative effects of inbreeding and effectiveness of fresh blood transfusions in poultry breeding. Trudy Inst. gen. no. 19 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. KUSHNER, Kh. F., Prof.
2. USSR (600)
4. Karakul Sheep
7. Collection of works on the morphology and physiology of grey karakul sheep, Kar. i zver., 6, no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KUSHNER, Kh.F.; FEYGINSON, N.I.; PLYUSHCH, L.N.

Theory of viability in Michurin's biology. Zhur.ob.biol. 14 no.3:198-214
My-Je '53.

(MLBA 6:6)

(Life (Biology))

KUSHNER, Kh.F.; KITAYEVA, O.N.

Experimental data on the breeding value of crossbred chickens. Trudy
Inst.gen. no.20:225-236 '53.

(MLRA 7:1)

(Poultry)

KUSHNER, Kh.Y.; KITAYEVA, O.N.

New experimental data on the problem of breeding related and
unrelated varieties of chickens. Trudy Inst.gen. no.20:237-248 '53.

(MLRA 7:1)

(Poultry)

1. KUSHNER, Kh. F., Prof.
2. USSR (600)
4. Stock and Stockbreeding
7. Michurin methods of developing new varieties of livestock, Priroda, 42, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

KUSHNER, KH. F.

3579. KUSHNER, KH. F. Mezhpordnyye Skreshchivaniya V Tovarnom Ptitsevodstve, M., Izd-Vo Akad. Nauk SSSR, 1954 72s. s ill. 20sm. (Akad, Nauk SSSR) Nauch-Popul Seriya V Pomoshch' Sel'skomu Khozyaystvu - . In-t Genetiki). 10,000ekz
lr. Bibliogr! S 68-70- (54-57590) P 636.5.082.43 + (016.3)

SO: Knizhnaya Letopis', Vol. 3, 1955

KUSHNER, Kh.F.

Effectiveness and biological characteristics of heterospermatic insemination in animals. Izv. AN SSSR Ser. biol. no. 1:32-52 Ja-F '54. (MLRA 7:1)
(Insemination, Artificial)

USSR/Agriculture ^{KUSHNER, Kh. F.} Biology

Card 1/1

FD 277

Author : Nuzhdin, N. I., Glushchenko, I. Ye. Kushner, Kh. F.,
Pshenichnyy, P.D., and Feyginson, N. I.

Title : Problems of controlled heredity and vigor of plant and animal organisms

Periodical : Izv. AN SSSR. Ser. biol. 3, 3-18, May/Jun. 1954

Abstract : Controversy over Darwin's theory of natural selection revolved around the question of possibility of inheritance of acquired characteristics.. Proponents of dialectic-materialistic outlook claimed that Darwinsim contradicted the ideolistic philosophy; their adversaries directed their arguments against the materialistic foundations of Darwin's theory. Practical application of the principles of selection by I. V. Michurin resulted in the development of 40 improved varieties of agricultural animals. T. D. Lysenko's theory of phasal development of plants created concrete conditions for development of new forms of sturdy winter wheat from summer wheat. The reason why agricultural science in the USSR has been lagging is due to inadequate coordination of theoretical work in all branches of biology and because practical utilization of breeding methods have not been properly carried out.

Institution :

Submitted : This article is an abridgement of a report, read on January 11, 1954 at a conference, sponsored by the Institute of Genetics, Academy of Sciences of the USSR, to coordinate research in genetics.

KUSHNER, Kh.F.; KAMENEVA, S.V.

Experimental data on the instability of hereditary characteristics
in animals in inbreeding. Zhur.ob.biol. 15 no.6:428-438 N-D '54.

(MIRA 8-5)

1. Institut genetiki Akademii nauk SSSR.
(HEREDITY)
(INBREEDING)

KUSHNER, Kh.F.; PANFILOVA, Ye.V.

Rare case of uniovular twin chicks. Zhur.ob.biol. 16 no.3:248
My-Je '55. (MLRA 8:9)

(EMBRYOLOGY--BIRDS) (TWINS)
(ABNORMALITIES (ANIMALS))

KUSHNER, Kh.F.

Michurin genetics and his theories on the breeding of farm animals.
Zhur. ob. biol. 16 no.5:333-357 S-O '55. (MLRA 9:3)

1. Institut genetiki AN SSSR.
(STOCK AND STOCK-BREEDING) (GENETICS)

KUSHNER, Kh.F.

Genetic principles in poultry breeding. Trudy Inst.gen. no.22:
15-82 '55. (Poultry breeding) (MLRA 9:4)

KUSHNER, Kh.F., professor.

Crossbreeding. Nauka i shizn' 22 no.11:27-29 N '55. (MLRA 9:1)
(Stock and stockbreeding) (Poultry breeding)

KUSHNER, Kh. F.

USSR/ Biology - Aviculture

Card 1/1 Pub. 124 - 13/30

Authors : Kushner, Kh. F., Dr. of Biol. Sc.

Title : Interspecies crossbreeding in aviculture

Periodical : Vest. AN SSSR 25/7, 78 - 80, Jul 1955

Abstract : Biological data are presented regarding the interspecies crossbreeding in poultry raising establishments. Table.

Institution :

Submitted :

Mushner, Kh., F.

USSR/ Biology - Genetics

Card 1/1 Pub. 22 - 43/49

Authors : Kushner, Kh, F.

Title Effectiveness of Russian white roosters for the improvement of the leghorn chicken

Periodical : Dok. AN SSSR 101/3. 557-560, Mar 21, 1955

Abstract : Experiments were conducted to determine the effectiveness of using Russian white roosters for the improvement of leghorn chickens. Results are tabulated. Tables.

Institution : Acad. of Sc., USSR, Inst. of Genetics

Presented by : Academician T. D. Lysenko, January 22, 1955

KUSHNER, Kh. F. Genetics Inst. AS USSR

"Vegetative Hybridization of Animals,"

"The Influence of Metabolic Factors on the Heredity of Animals,"
papers given at the International Genetics Symposium, 6-12 Sept 56,
English Translation.

So: E-3069259, 26 Dec 56

KUSHNER, Kh.F.

Some results of investigations of the effectiveness of interbreeding animals. Izv. AN SSSR. Ser.biol. no.4:83-101 J1-Ag '56. (MLRA 9:10)

1. Institut genetiki Akademii nauk SSSR.
(STOCK AND STOCKBREEDING)

KUSHNER, Kh.P.

On the "hybridization" of inbred lines in stock raising. Zhur.ob.
biol. 17 no.4:241-256 J1-Ag '56. (MLRA 10:2)

1. Institut genetiki AN SSSR.
(STOCK AND STOCKBREEDING)

KUSHNER, Kh, F

USSR / Farm Animals. Domestic Fowl.

U-10

Abs Jour : Ref Zhur - Biologiya, No 16, 1957, 72158

Author : Kushner, Kh.F.

Title : The Possibility of Using Mixed Chickens in Repeated Cross-Breeding.

Orig Pub : Tr. In-ta genet. AN SSSR, 1956, No 23, 190-195

Abstract : The conclusions from experimentation with the utilization of mixed breed of the first generation birds of New Hampshires and Leghorns crosses for breeding purposes are given. The most satisfactory results as to hatching, postembryonic viability, and economic utility were obtained by recrossing of the half-breed hens with cocks of the leghorn or the Russian white breed.

Card : 1/1

- 51 -

USSR/General Biology - Genetics

B-5

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 4886

Author : Kushner, Kh.F.

Inst : Not Given

Title : The Influence of Metabolic Factors on Animal Heredity.

Orig Pub : Agrobiologiya, 1957, No 1, 19-35

Abstract : A review of studies on modification of heredity in animals by exchanging egg albumen of one variety of birds for albumen of another variety, transplantation of sex glands, oviducts, zygotes from one variety to another, artificial creation of paravivants (?) and, finally, blood transfusion. The author administered blood to Leghorn chickens of the same breed or of the New Hampshire breed, and also from wild ducks. A portion of chicks of the first generation of tested groups produced unusually pigmented feathers. The chicks of the experiment were heavier than the controls. In the second generation a higher percentage of experimental chicks had changed feathers

Card : 1/2

USSR/General Division. Congresses. Sessions. Conferences

A-4

Abs Jour : Ref Zhur-Biologiya, No 3, 1958, 9320

Author : Kh. F. Kushner

Inst :

Title : International Conference (Symposium) on Genetics in Japan. (Tokyo, September 1956)

Orig Pub : Zhivotnovodstvo, 1957, No 1, 85-87

Abstract : No abstract

Card 1/1

USSR/Farm Animals. Poultry.

Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78778.

Author : ~~Kushnery, K. B.~~

Inst : All-Union Academy of Agricultural Sciences imeni
V. I. Lenin

Title : Effectiveness of Two-Breed Alternate Crossing in
Poultry Raising.

Orig Pub: Dokl. VASKhNIL, 1957, No 2, 29-32.

Abstract: A group of semipure chickens New Hampshire
Russian White was created which was utilized in
reversed cross-breeding with roosters of the
Russian White breed as a result of which 69 heads
were obtained $\frac{1}{4}$ pure (blood of New Hampshire breed).
The $\frac{1}{4}$ pure chicks were coupled with New Hampshire
roosters and 85 heads were obtained of young chickens
or 5/1

Card : 1/3

USSR/Farm Animals. Poultry.

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Abs Jour: Ref Zhur-Biol., No 17, 1958, 78778.

of 5/8 purity. Conditions of incubation, raising and feeding for all poultry was the same. The given tests showed that the $\frac{1}{4}$ pure chicks did not yield to the chicks of the Russian white breed in egg productivity, surpassing them in live weight at 5 months of age an average of 87.8 g (by 6.7%) and at one year by 111.8 g (by 6%). The 5/8 pure chicks were stronger than their $\frac{1}{4}$ pure mothers. At 5 months of age they surpassed in weight their contemporaries of the Russian White breed on an average by 230.5 g (15%), at one year by 204.3 g (9%), yielding to hybrids of the first generation. It is recommended to use for breeding purposes hybrid chickens in alternate two-breed

Card : 2/3

50

USSR/Farm Animals. Poultry.

Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78778.

crossing with sires of each original breed. --
L. M. Dvinskaya.

Card : 3/3

KUSHNER, K. F.

KUSHNER, K. F., prof., doktor biol. nauk.

Darwin on the rearing of farm animals. Biol. v shkole no.6:57-62
N-D '57. (MIRA 10:12)

1. Institut genetiki AN SSSR.
(Stock and stockbreeding) (Evolution)

KUSHNER, Kh. F.

25-9-3/40

AUTHOR: Genkel', P.A., Doctor of Biological Sciences, Kushner, Kh.F.,
Professor

TITLE: Biology Helps Agriculture (Biologiya - sel'skomu khozyaystvu)

PERIODICAL: Nauka i Zhizn', 1957, # 9, p 5-9 (USSR)

ABSTRACT: Soviet biology is following Professor I.V. Michurin's principles by not only trying to explain complex biological phenomena but also by mastering them and on such a basis to transform plant and animal organisms to suit the requirements of man. Michurin's methods led for instance to the development of new varieties of fruit trees which are able to stand the rough climate of Siberia and the Urals. During the long and cold winter, apple trees that spread on the ground are completely covered with snow and are thus well protected against frost. Making plants temperature-resistant is another task of Soviet scientists. By exposing swelled seeds of corn, sugar beet or peas to heat until they are dry, their properties change considerably and the drought-resistance is improved. The cells of such plants are very small and their leaf surfaces very large. In times of drought these plants hold more water than

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Biology Helps Agriculture

25-9-3/40

the unprocessed ones and produce better crops. Similar methods have been applied to make plants more salt-resistant. Cotton seeds soaked in salt water gave in Azerbaydzhan, on saline soil, crops of 20 - 40 % above the local average. Soviet scientists are pointing out the great importance of microelements for agricultural plants. Experiments conducted in the Ukraine have shown that the use of manganese fertilizers raised crops very considerably.

There are 7 figures.

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Card 2/2

KUS/NER, KhF., prof. doktor nauk.

Problem of the so-called "hybridization" of inbred lines in
stockbreeding. Dokl. TSKhA no. 27:167-187 '57. (MIRA 11:4)
(Stock and stockbreeding)

KUSHNER, Kh. F., doktor biologicheskikh nauk.

Effectiveness of crossing two breeds in poultry raising. Dokl. Akad.
sel'khoz. 22 no.2:29-32 '57. (MIRA 10:5)

1. Institut genetiki Akademii nauk SSSR. Predstavlena akademikom
T. D. Iysenko.
(Poultry breeding)

KUSHNER, Kh.F.

[Interbreeding in stock raising] Skreshchivaniia v zhivotnovodstve
(Problemy geterosisa). Moskva, Akademiia nauk SSSR, 1958. 62 p.
(Stock and stockbreeding) (Heterosis) (MIRA 12:1)

KUSHNER, Kh.F.

[Charles Darwin's theory and some problems in breeding farm animals] Uchenie Ch.Darvina i nekotorye voprosy razvedeniia sel'skokhoziaistvennykh zhivotnykh. Moskva, Znanie, 1958. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh znani, Moscow. Seria 8. 1958, v.1, no.1) (MIRA 12:1) (Stock and stockbreeding)

KUSHNER, K. F., prof., doktor biol. nauk.

Conference on problems of heredity. Biol. v shkole no. 1: 94-95
Ja-F '58.

(Heredity)

(MIRA 11:1)

~~KUSHNER, R. P.~~ prof., doktor sel'skokhozyaystvennykh nauk

Increasing the effectiveness of heterosis in commercial stockbreeding
[with summary in English]. Izv. TSKhA no.5:193-210 '58.

(MIRA 11:11)

(Stock and stockbreeding) (Heterosis)

KUSHNER, Kh.F., prof. doktor biol. nauk.

Using inbred roosters in poultry husbandry. Ptitsevodstvo 8 no.5:
28-29 My '58. (MIRA 11:5)

1. Institut genetiki AN SSSR.
(Poultry breeding)

KUSHNER, Kh.F.

Effectiveness of crisscrossing in poultry farming. Trudy Inst.
gen. no.24:288-293 '58. (MIRA 11:9)
(Poultry breeding)

KUSHNER, Kh.F.

Inheritance of changes in the coloration of plumage caused by
heterogenous blood transusion in chickens. [with summary in English]
Zhur.ob. biol. 19 no.5:357-368 8-0 '58 (MIRA 11:10)

1. Institut genetiki AN SSSR.
(BLOOD--TRANSFUSION)
(COLOR OF BIRDS)
(POULTRY BREEDING)

KUSHNER, Kh.F., prof.

Anniversary conference on problems of heredity in the Institute of
Genetics of the Academy of Science of the U.S.S.R. Zhivotnovodstvo
20 no.1:84-89 Ja '58.
(MIRA 11:1)

1. Institut genetiki Akademii nauk SSSR.
(Genetics) (Stock and stockbreeding)

LOBANOV, P.P., BREZHNEV, D.D., ROSTOVTSEV, N.P., POPOV, I.S., NIKOLAYEV,
A.I., SMETNEV, S.I., BURLAKOV, N.M., ANZUMANYAN, Ye.A., BARYSHNIKOV,
P.A., BELYAYEV, N.M., BLOMKVIST, M.S., BORISENKO, Ye.Ya., BURDELEV,
T.P., BYCHKOV, N.P., VSYAKIKH, A.S., DAVIDOV, R.B., KUDRYAVTSEV,
P.N., KUSHNER, Kh.F., LEVANTIN, D.L., NOVIKOV, Ye.A., OZEROV, A.V.,
STARTSEV, D.I., SUKHANOV, N.P., SHVABE, A.K., YURMALIAT,
A.P., [Jurmaliets, A.P.].

In memory of Academician Efim Fedotovich Liskun. Zhivotnovodstvo 20
no. 7:84-85 J1 '58.

(Liskun, Efim Fedotovich, 1873-1958)

KUSHNER, Kh.F., prof.; NOVIK, I.Ye.

Experimental data on the fertilization process in chickens.

Zhivotnovodstvo 20 no.8:55-61 Ag '58.--

(MIRA 11:10)

1. Institut genetiki AN SSSR.

(Fertilization (Biology))

30-1-34/39

AUTHOR: Kushner, Kh. F. , Doctor of Biological Sciences

TITLE: The Problem of Heredity and Variability (Problema nasledstvennosti i izmenchivosti) Conference Held at the Institute of Genetics (Konferentsiya v Institute Genetiki)

PERIODICAL: Vestnik AN SSSR, 1958, Vol. 28, Nr 1, pp. 127 - 129 (USSR)

ABSTRACT: The conference on this problem took place from October 8, to October 14, 1957, at the Institute for Genetics AN USSR. It was attended by collaborators of scientific institutes and by the representatives of 50 other institutions of the country, among them Vaskhnil, the University of Moscow, the Academy of Medical Sciences of the USSR, and many others. The total attendance amounted to more than 1000 persons. The following lectures were delivered:

- 1) T. D. Lysenko: On the rules governing the life of biological species and their importance in practice.
- 2) N. I. Huzhdin: On the material carriers of heredity.
- 3) K. S. Sukhov: Genetical problems connected with virus research.
- 4) P. V. Makarov: Cytological and cytochemical changes of the gametes in the course of fecundation or impregnation
- 5) S. M. Sarkisyan: The participation of the organism of the mother and its cytoplasm in the determination of a num-

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30-1-34/39

The Problem of Heredity and Variability. Conference Held at the Institute of Genetics

- ber of inherited features of anogynous offspring.
- 6) I. Yo. Glushchenko: New works in the field of vegetative hybridization
 - 7) S. N. Bocharov: The obtaining of productive yeast by the method of vegetative hybridization.
 - 8) I. A. Baryshnikov: The influence exercised by the organism of the mother on the properties of the offspring.
 - 9) B. G. Novikov: Change of the properties of heritage of male sex cells in domestic fowls by means of an inter-racial transplantation of the testicles.
 - 10) P. M. Sopikov, Ye. V. Tolokonnikov:
On marked changes of the character of the color of the feathers in the offspring of chickens that underwent a transfusion of the blood of another species of fowls.
 - 11) P. P. Sakharov: On inheriting immunity and the creation of highly resistant forms of agricultural animals and fowls.
 - 12) Ye. S. Smirnov: On the connection between the inheriting of properties and the phenomenon of adaptation to new conditions of existence.

Card 2/4

30-1-34/39

The Problem of Heredity and Variability. Conference Held at the Institute of Genetics

- 13) V. Ya. Yur'yev: The principal problems of wheat selection.
- 14) Kh. F. Kushner: On methods of utilizing heteroecism in agricultural animals and fowls.
- 15) Ye. Ya. Borisenko: Important problems of selection in cattle- and horse breeding.
V. A. Shchekin:
A. I. Pung:
A. S. Vsyakikh:
- 16) T. Ya. Zarubaylo: Valuable observations concerning the transformation of the form of summer grain to that of winter grain.
- 17) M. M. Kislyuk: Changes of the species of wheat under the influence of temperatures below zero on the germs.
- 18) N. D. Mukhin: On a successful application of the method of transformation from summer- to winter grain for the purpose of breeding new kinds of wheat.
- 19) P. D. Pshenichnyy: New data concerning the variability of the morphological and functional characteristic features in the case of cattle, pigs, sheep, and rabbits in dependence of their food and concerning the influence exercised by these changes on the characteristic features of

Card 3/4

The Problem of Heredity and Variability. Conference Held at the Institute of Genetics

30-1-34/39

- their offspring.
- 20) V. D. Timakov: Certain rules governing the variability of pathogenic microorganisms.
- 21) S. N. Muromtsev: The present stage of the problems of variability of microorganisms.
- 22) N. S. Butarin: An attempt making creative use of the
N. V. Loginova: Mitshurin method of remote hybridization
A. I. Lopyrin: for the purpose of the selection of agri-
N. S. Giginayshvili: cultural animals.
A. A. Rakhimov:

AVAILABLE: Library of Congress
1. Biology 2. Scientific reports-USSR

Card 4/4

KUSHNER, Kh.F., prof., doktor biol.nauk

Tenth International Congress of Genetics in Canada. Biol. v
shkole no.1:94-96 Ja-F '59. (MIRA 12:2)
(Canada--Genetics--Congresses)

NUZHDIH, H.I.; KUSHNER, R.P.

Tenth International Congress of Genetics. Izv.AN SSSR.Ser.
biol. no.2:299-309 Mr-Apr '59. (MIRA 12:5)
(CANADA--GENETICS--CONGRESSES)

EUSHNER, Kh.F., prof., doktor biolog.nauk

Experiments in vegetative hybridization of animals. Biol.v shkole
no.3:83-98 My-Je '59. (MIRA 12:9)

1. Institut genetiki Akademii nauk SSSR.
(Stock and stockbreeding--Research)

KUSHNER, Kh.F.

Relation between mass and individual selection in animal breeding.
Izv. AN SSSR. Ser.biol. 24 no.6:898-920 N-D '59. (MIRA 13:4)

1. Institute of Genetics, Academy of Sciences of the U.S.S.R.,
Moscow.

(STOCK AND STOCKBREEDING)

KUSHNER, Kh.F.

Charles Darwin's theory and some problems of breeding farm animals.
Trudy Inst.gen. no.25:38-57 '59. (MIRA 15:8)

1. Institut genetiki AN SSSR.
(Darwin, Charles Robert, 1809-1882)
(Stock and stockbreeding)

KUSHNER, Kh.F.; NOVIK, I.Ye. (Moskva)

Studies on sexual processes in plants and animals by the use of
radioactive isotopes. Usp.sovr.biol. 48 no.3:343-355 N-D '59.
(MIRA 13:5)

(SEX physiol.)
(ISOTOPES)

ARSENHSHVILI, A.Yu.; BOGDANOV, M.N.; GORIZONTOVA, Ye.A.; YERSHOVA, Ye.I.;
YELENBAUM, N.I.; IOFE, N.Sh.; KARAVAYEV, A.M.; KOLOBOV, G.M.;
LOBIN, N.V., kand. sel'khoz. nauk; KUSHNER, Kh.F., doktor biolog.
nauk; MISHIN, P.N.; PATRIK, I.A., kand. sel'khoz. nauk; REDIKH,
V.K., kand. sel'khoz. nauk; SEMTNEV, S.I., akademik; SAMOLETOV,
A.I.; PILASOV, V.V.; SHKUDOVA, R.I.; SOKOLOVA, G.S., red.;
ROMANOVICH, Ye.F., red.; LEVINA, L.G., tekhn. red.

[Chickens for meat] TSypliata na miaso. Moskva, Izd-vo M-va
sel'.khoz. RSFSR, 1960. 197 p. (MIRA 15:1)
(Poultry)

GLUSHCHENKO, I.Ye., otv.red.; GUZHEV, Yu.L., red.; KAGANOV, V.M.,
red.; KUSHNER, Kh.F., red.; NUZHDIN, N.I., red.; PLATONOV, G.V.,
red.; FEYGINSON, N.I., red.izd-va; BRUZGUL', V.V., tekhn.red.

[Darwinism lives and develops; transactions of the jubilee
conference dedicated to the 100th anniversary of the publication
of C.Darwin's "Origin of species" and the 150th anniversary of the
publication of J.Lamarck's "Philosophy of zoology," Nov.19-21,
1959] Darwinizm zhivet i razvivaetsia; trudy iubileinoi konferentsii,
posviashchennoi 100-letiiu opublikovannia "Filosofii zoologii"
Zh.Lamarka, 19-21 noiabria 1959 g. Moskva, 1960. 217 p.
(MIRA 14:2)

1. Akademiya nauk SSSR. Institut genetiki.
(Evolution--Congresses)

KUSHNER, Kh.F., professor, doktor biologicheskikh nauk

Centennial of darwinism. Biol.v shkole no.2:73-79 ~~Mr~~-Ap '60.
(MIRA 13:8)

1. Institut genetiki Akademii nauk SSSR.
(Evolution)

KUSHNER, Kh.F. (Moskva)

Work of some biological and agricultural institutions of England.
Usp. sov. biol. no.2:243-257 S-O '60. (MIRA 13:11)
(GREAT BRITAIN--AGRICULTURAL RESEARCH)

KUSHNER, Kh.F.

Scientific conference devoted to the great works of Darwin
and Lamarck. Izv. AN SSSR. Ser. biol no. 2:313-316 Mr-Apr '60.

(MIRA 13:6)

(EVOLUTION--CONGRESSES)

KUSHNER, Kh.F.; TOLOKONNIKOVA, Ye.V.; MOISEYEVA, I.G.

Effect of the transfusion of different components of alien blood
on the plumage type of the progeny in chickens. Trudy Inst.
gen. no. 27:145-153 '60. (MIRA 13:12)
(Poultry) (Blood--Transfusion)

KUSHNER, Kh.F.; KNIZHE, B.

Reciprocal crossing of contrasting chicken breeds. Trudy
Inst. gen. no. 27:154-173 '60. (MIRA 13:12)
(Poultry breeding)

KUSHNER, Kh.F.; GINTOVT, V.Ye.

Biological characteristics of hybrid chicks and the
phenomenon of heterosis. Trudy Inst. gen. no. 27:174-
180 '60. (MIRA 13:12)
(Poultry breeding) (Heterosis)

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

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)

KUSHNER, Kh.F., prof.

Conference on the problem of heterosis and its practical application in plant and animal breeding. Vest.AN SSSR 30 no.12:89-91 D
'60. (MIRA 13:12)

(Heterosis)

KUSHNEK, Kh.F.

Comparing mass selection with individual selection in animal breeding.
Trudy Inst. gen. no.28:293-321 '61. (MIRA 14:11)
(STOCK AND STOCKBREEDING)

KUSHNER, Kh.F.; TOLOKONNIKOVA, Ye.V.; MOISEYEVA, I.G.; BOGATYREVA, S.A.;
ZNAMENSKAYA, M.P.

Introduction of heterologous desoxyribonucleic acid in hens.
Trudy Inst. gen. no.28:350-358 '61. (MIRA 14:11)
(DESOXYRIBONUCLEIC ACID) (POULTRY)

DOBRYNINA, A.Ya.; ZUBAREVA, L.A.; KOSTIN, I.G.; KUSHNER, Kh.F.; SAMOLETOV,
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)

KUSHNER, Kh.F.

Some researches made by scientific biological and agricultural
institutions in England. Trudy Inst. gen. no.28:421-437 '61.
(MIRA 14:11)

(GREAT--STOCK AND STOCKBREEDING--RESEARCH)