

BALCAROVA, O.; ERBAN, L.; PICKO, V.

Blood changes in experimental animals exposed to the effect of
infraradiators. Cesk. hyg. 8 no.1:7-15 F '63.

1. Ustav pro doskolovani lekaru, Praha. -- Ustav hygieny, Praha.
(ERYTHROCYTE COUNT) (LEUKOCYTOSIS) (PHAGOCYTOSIS)
(SERUM ALBUMIN) (SERUM GLOBULIN) (INFRARED RAYS)
(BLOOD CELL COUNT)

2

BALCAROVA, O.; ERBAN, L.; PICKO, V.

CSSR

Institute for Postgraduate Medicine (Ustav pro doskolovani lekaru), Prague;
Institute for Hygiene (Ustav hygieny), Prague (for all)

Prague, Ceskoslovenska hygiena, No 1, 1963, pp 7-15

"Blood Changes in Experimental Animals Exposed to the Effect of Infraradiators"

(3)

PICKO, V.

CZECHOSLOVAKIA

PICKO, V.

DDR

Institute of Hygiene (Ustav hygieny), Prague

Prague, Ceskoslovenska hygiena, No 1, 1963, pp 23-31

"Contribution to the Inquiry into the Relations between the Dynamics of
the External Environment and the Meteorotropism of some Diseases"

PICKO, V.

Pollution of the atmosphere and its consequences in the blood count of children. Cesk. hyg. 7 no.7:422-429 Ag '62.

1. Ustav hygieny, Praha.

(AIR POLLUTION) (ERYTHROCYTE COUNT in int' & child)
(HEMOGLOBIN in int' & child)

PICKO, V.

"Meteorotropism of singularities." p. 15.

METEOROLOGICKE ZPRAVY. Praha, Czechoslovakia, Vol. 12, no. 1, Feb. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

PICKO, V.

Application of one of the new methods of mathematical statistics in
bioclimatology. p.h.b.
(Meteorologické Zprávy, Vol. 10, No. 2, Apr. 1957, Praha, Czechoslovakia)

SC: Monthly List of East European Accessions (EEAL) 10. Vol. 6, No. 9, Sept. 1957. Incl.

PICKO, V.

How precipitations are dependent on the location of a place and its altitude.

p. 99 (METEOROLOGICKE ZPRAVY) Vol. 10, no. 4, Aug. 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EFAI) LC, Vol. 7, No. 3,
March 1958

PICKO, V.

PICKO, V. *An attempt at classifying regional temperature conditions.* p. 81.
Vol. 9, no. 3, June 1956. METEOROLOGICKE ZPRAVY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4—April 1957

Picko, V.

Relation between atmospheric temperature and altitude above sea level. P. 42

METEOROLOGICKE ZPRAVY. (Statni meteorologicky ustav) Prague.
Vol. 9, no. 2, Apr. 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

Picko, V.
HOMOJKA, J.; PICKO, V.

Relation of thymol turbidity test to thymol flocculation test.
Pediat. listy, Praha 7 no. 4:211-219 July-Aug. 1952. (CLML 23:1)

1. Of the First Pediatric Clinic (Head--Prof. J. Svejcar, M.D.)
of Charles University, Prague.

Picko Vachy

14-00000
 551 00-1 (437)
 1. Monthly mean average temperatures are tabulated for 400 stations in
 the United States, situated between 145 and 1800 m elevation (50 year period 1901-1930).
 Monthly values of typical temperature are tabulated for various height intervals. The
 temperature-height relation is found to follow a nonlinear function best represented by re-
 gression curves derived from L. H. C. Tjebba's general curve. *Subject Headings:* 1. Tem-
 perature-height relationships. 2. Topographical influences. 3. Climatology--U.S.

MT

PICKO, Vaclav, Ing. Praha

Stochastic dependence in bioclimatology; mathematical statistics
applied in bioclimatology. Fysiat. vest., Praha 32 no.6:167-173
Nov 54.

1. Biometeorol. oddeleni Ustavu higieny.

(CLIMATE

bioclimatol., ,athematical statistics in)

(STATISTICS

mathematical, in bioclimatol.)

ELAHOVA, O., PICKOVA, M.

Anesthesia in adenotomy. Cesk. otolaryng. 13 no.3:152-155
Je'64

1. Katedra detske otolaryngologie fakulty detskeho lekarstvi
KU [Karlovy university] v Praze; zast. vedouci dr. J.
Klos, CSc.

PICKTHALL, D.

Plastic materials strengthened by glass fibers. Technika 7
no.7:2 J1 '63.

PICMAN, P.

"Czechoslovakia introduces the production of iron and other metals from low-grade ores."

p. 42 (Czechoslovak Heavy Industry) No. 12, 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (E-IAI) LC. Vol. 7, no. 4,
April 1958

PICMAN, B. - Vol. 4, no. 3, Mar. 1954. ZA SOCIALISTICKOU VEDU A TECHNIKU

The great contribution of I. V. Stalin to socialist technology. p. 97.
Problem of processing low-grade ores in Czechoslovakia. p. 128.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

PICMAN, B.

PICMAN, B. How can ores be standardized? An outline of the standardization of iron ores according to metallurgic coke requirements and the size of the ore grain. p. 10.

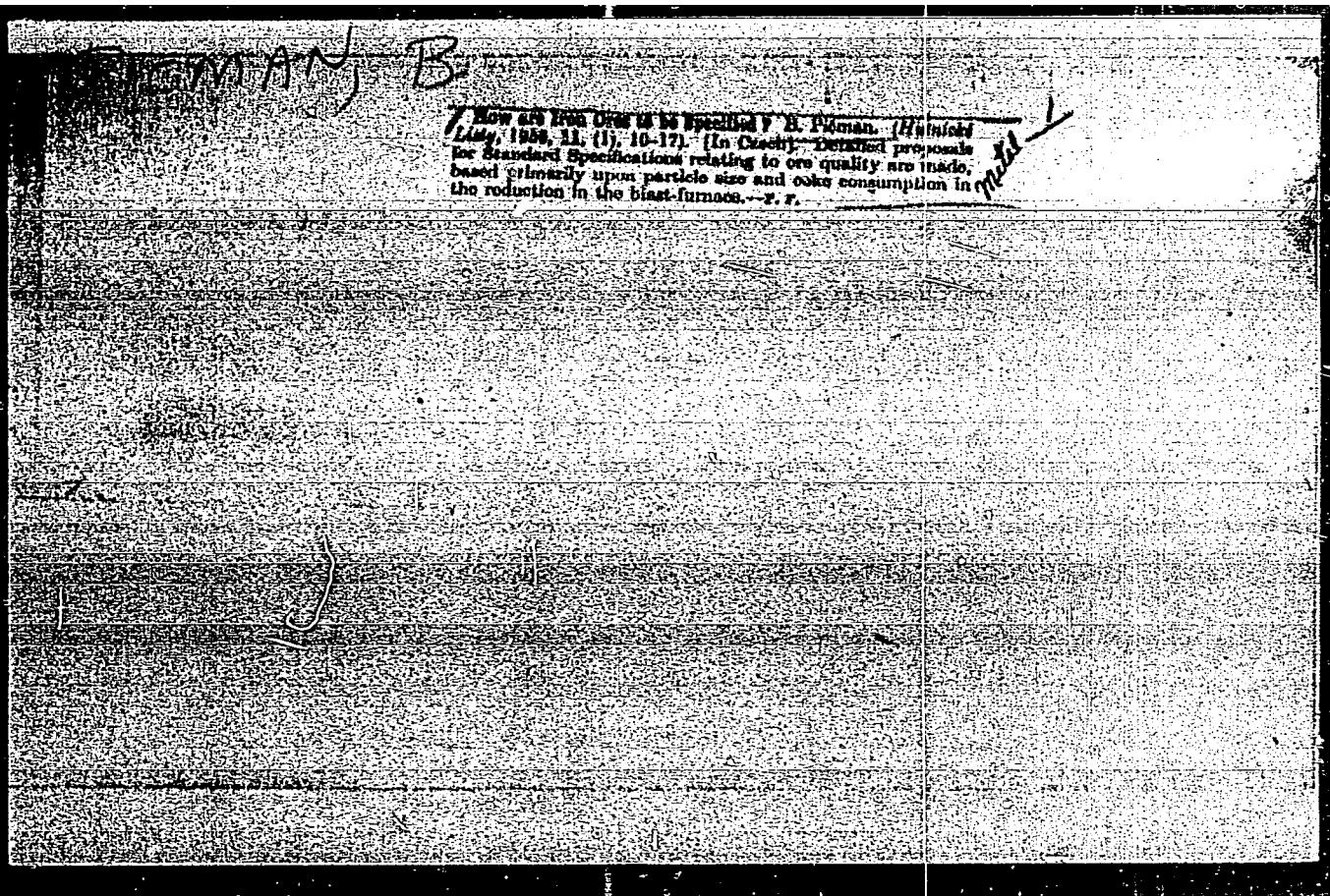
Vol. 11, no. 1, Jan 1956

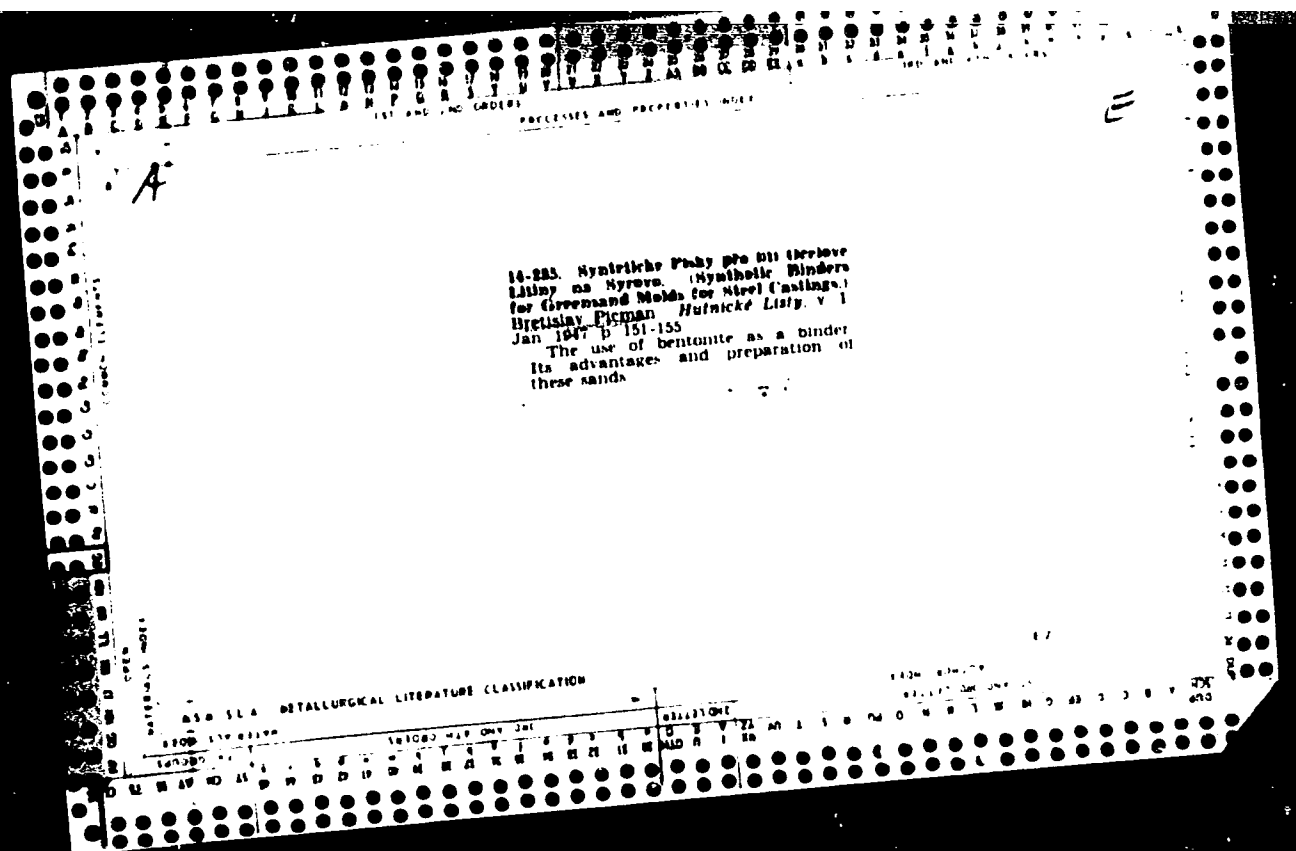
HUTNICKE LISTY

TECHNOLOGY

Brno, Ceskoslovenska

So: East European Accession Vol. 6, No. 2, 1957





Uncl.

PICMAN, J.

"A new lighting system for amateur projectors."

JEMNA MECHANIKA A OPTIKA. Praha, Czechoslovakia, Vol. 4, February, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, September 1959.
Unclass.

PICMAN, Jan, inz. (Praha)

70 mm. film and its effect on the design of projectors. Jemna
mech opt 5 nc.10:297-301 0 '60.

CZECHOSLOVAKIA/Theoretical Physics - Quantum Mechanics

B-1

Abs Jour : Ref Zhur - Fizika, No 9, 1958, No 1954

Author : Pichon Lavy

Inst : Not Given

Title : Non-conservation of Parity

Orig Pub : Chz. not. in fiz., 1956-1957, 5, No 4, 157-162

Abstract : Survey article

Card : 1/1

PICMAN, Zdenek

Contribution to the fauna and bionomy of beetle in Czechoslovakia.
Cas entom 59 no.1:98-99 '62

1. Ceskoslovenska spolecnost entomologicka pri Ceskoslovenske akademii ved.

PICMANOVA, E.

"Stereoscopic photography."

p. 29 (Jemna Mechanika A Optika) Vol. 3, no. 1, Jan. 1958.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CZECHOSLOVAKIA/Optics -

K-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 7087

Author : Pichmanova Eva

Inst : -

Title : Projection with the Aid of Cold Mirrors

Orig Pub : Jemna mekh. a opt., 1959, 4, No 2, 60-61

Abstract : Description of the arrangement of so-called cold mirrors, which reflect only the visible portion of the radiation, their advantages, and also sources of light that can be used with cold mirrors.

Card 1/1

15-00000
The following is a list of the names and
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The following is a list of the names and
the addresses of the persons who have
been in contact with the subject of this
document since the date of the last
report.

Picone Mauro

Met

Source: Mathematical Reviews,

Vol 11 No 5

Picone, Mauro. Intorno alla teoria di una classica equazione differenziale parziale della fisica matematica. Ann. Soc. Polon. Math. 21 (1948), 161-169 (1949).
Soit dans l'espace à $n \geq 2$ dimensions, le domaine borné Ω de diamètre 1, et un nombre fini de points-frontière P_i auxquels sont associés des coefficients $\alpha_i \geq 0$ de somme α avec $\alpha < n-2$ si $n > 2$ et $\alpha < 1$ si $n=2$. On considère une solution u de l'équation $\Delta u + c(M)u = 0$ où c est inférieure à $\alpha(n-2-\alpha)/n^2$ ($n > 2$) ou à $\alpha(1-\alpha)/2$ ($n=2$). Alors si $u=0$ en tout point-frontière différent des P_i , et si en chaque P_i pour $P \rightarrow P_i$, $u(P)/P_i \rightarrow 0$ ($n > 2$) ou bien $u(P)(\log 1/P_i) \rightarrow 0$ ($n=2$), u est nulle. Pour la démonstration l'auteur introduit la fonction, par exemple si $n > 2$, $s = \prod P_i P_i^{\alpha_i}$ et montre par des calculs élémentaires et simples que $\Delta s + cs < 0$, d'où résulte que u/s ne peut admettre d'extremum. L'auteur fait ensuite quelques applications. Quant au théorème principal, il faut signaler que l'on sait depuis longtemps établir le résultat pour c continue ≤ 0 mais par contre avec l'hypothèse meilleure sur les α_i : $\alpha_i = 1$ ($n=2$), $\alpha_i = n-2$ ($n > 2$). Il n'y a qu'à adapter le raisonnement donné par Zarembka dans le cas harmonique. [Belot l'a explicité pour $c < 0$ et $n=2$. Rend. Circ. Mat. Palermo 55, 21-49 (1931).]
M. Brelot (Grenoble).

PICONE, MAURO. On the Theory of a Classic Equation With Partial Derivatives of Mathematic Physics

16

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Picone, M.

Picone, M. Nuove vedute sull'integrazione delle equazioni differenziali a derivate parziali. Ann. Sci. Univ. Jassy. Sect. I. 27, 18-26 (1941).

Source: Mathematical Reviews.

Les point de départ de l'auteur c'est ici, comme dans d'autres travaux, la considération que si une fonction u appartient à une classe dans laquelle on connaît un système simplement infini de fonctions complet par rapport à l'intégration, cette fonction est déterminée et peut se calculer quand on connaît les valeurs de toutes les intégrales des produits de u par les fonctions du dit système. Il suppose alors données une équation linéaire aux dérivées partielles $E(u) = f$, d'ordre n avec r variables indépendantes, et un domaine D dont FD est la frontière; il appelle $E^*(v)$ l'expression différentielle adjointe de $E(u)$ et il observe qu'au moyen de quelques intégrations par parties la formule de Green donne

$$(1) \int_D u E^*(v) dX = \int_D f v dX + \sum_{i=1}^{n-1} \int_{FD} \frac{d^i u}{d\ell_i^i} E_i(v) d\alpha_i,$$

où les lettres ℓ_i représentent $n-1$ directions fixées arbitrairement pour chaque point de FD , avec la seule condition de ne pas être tangentes à FD , et $E_i(v)$ sont des fonctions déterminées de v et de ses dérivées partielles. L'auteur indique par U_i les fonctions valeurs des $d^i u/d\ell_i^i$ sur FD . Soit v est connue, (1) établit une relation qui permet déterminer la valeur de $\int_D u E^*(v) dX$, si les U_i sont connues. Si l'on connaît un système de fonctions v , tel que le système $E^*(v)$ soit complet, rapport à une classe de fonctions à laquelle on sait que doit appartenir la fonction inconnue u , la connaissance des U_i permet de déterminer la fonction u . Il est évident qu'en supposant connues toutes les U_i on demande beaucoup plus que nécessaire. En effet la (1) se transforme en une relation entre les U_i seulement, si v est solution de $E^*(v) = 0$. L'auteur amplie cette observation à divers cas hypothétiques, dans lesquels le nombre des U_i dont on demande la connaissance résulte réduit. Le mémoire termine en posant une question sur le degré d'indétermination qu'il résulte pour les fonctions U_i . Le mémoire se termine en partie un travail antérieur [Atti Accad. Sci. Torino. (I. Sci. Fis. Mat. Nat. 75, 413-426 (1940); ces Rev. 3, 44].

B. Levi (Rosario).

PICONE, MAURO

Picone, Mauro. Nouvelles méthodes de recherche pour la détermination des intégrales des équations linéaires aux dérivées partielles. Ann. Soc. Polon. Math. 19 (1946), 36-61 (1947).

Par l'application de la transformation

$$T[f(x, t)] = \int_0^T e^{-\lambda t} f(x, t) dt,$$

que l'auteur appelle transformation de Laplace à intervalle d'intégration fini, au deuxième membre d'une équation aux dérivées partielles de la forme

$$(1) \quad a_{11}u_{xx} + 2a_{12}u_{xt} + a_{22}u_{tt} + a_{13}u_{x\lambda} + a_{23}u_{t\lambda} + a_{33}u_{\lambda\lambda} = f(x, t),$$

où les coefficients a_{ij} sont des fonctions de la seule variable x , on passe à une équation différentielle en x de la forme

$$(2) \quad a_{11}u''_{xx} + A_1(x, \lambda)u'_x + A_2(x, \lambda)u = V(x, \lambda),$$

Source: Mathematical Reviews, 1948, Vol 9, No. 5

dans laquelle $u^*(x, \lambda)$ représente la fonction transformée de $u(x, t)$ et le second membre V comprend des termes dépendants des valeurs de u et de sa dérivée par rapport à t pour $t=0$ et pour $t=T$, dont seulement les premières se supposent connus. Dans le cas particulier dans lequel ces valeurs initiales sont égales à 0, on démontre, sous des conditions peu restrictives, que la solution de (2) satisfait la condition $|u^*(x, \lambda)| \leq K\lambda/\mu$, où K et μ sont des constantes. Cette observation permet d'énoncer un certain nombre de théorèmes d'unicité à l'égard de la solution de l'équation (1), sous différentes hypothèses relatives aux coefficients a_{ij} et aux conditions aux limites. Le cas particulier de l'équation du premier ordre est considéré. Le problème de l'existence et du calcul de la solution se trouve beaucoup moins avancé.

B. Levi (Rosario).

SM

Picone, Mauro

Picone, Mauro. Sulle torsioni di un prisma elastico cavo secondo la teoria di Saint Venant. Ann. Soc. Polm. Math. 20 (1947) 347-372 (1948).

Source: Mathematical Reviews, Vol. 11, No. 1

The author is concerned with the existence and uniqueness and method of calculating a solution of the torsion problem for the rectangular annulus cross-section whose vertices are the points $(\pm p, \pm q)$, $(\pm p, \pm q)$, where $p < q$. He calls a function $g(x, y)$ "uniformly summable" if corresponding to any ϵ there exists a $\delta(\epsilon)$ such that $\int |g(x, y)| ds < \epsilon$ when the path of integration is any straight line segment contained in the interior of the cross-section and lying upon a coordinate line and of length inferior to $\delta(\epsilon)$, s being arc length along the line segment. Let H denote the boundaries $x = \text{constant}$, except for the corner points, and K the boundaries $y = \text{constant}$, except for the corner points. The author calls a function ϕ a solution of the torsion problem for the region if (a) it is harmonic in the interior R , (b) ϕ_x is continuous upon $R + H$, and ϕ_y is continuous upon $R + K$, (c) $\phi_x = y$ upon H and $\phi_y = -x$ upon K . He then proves that if one uniformly summable solution exists, there exists one and only one which is an odd function of x and an odd function of y , and all other uniformly summable solutions differ from this one by an arbitrary constant. The existence of such a solution ϕ is then demonstrated and it is shown that its domain of regularity includes all the closed annulus except possibly the eight vertices, that ϕ_x and ϕ_y are continuous at the four inner vertices, and that at the outer vertices they can become infinite no more rapidly than the $-1/2$ power of the distance. The approximative procedure suggested by the proof of this theorem does not seem to be practicable numerically so the author gives a second existence proof of a wholly different type. The statement of the result is too long to be given here but the essence of the author's method is to reduce the torsion problem to a novel Dirichlet problem, in which an even function ω harmonic in R and satisfying $\omega = 1$ on H and $\omega = -1$ on K is sought, uniqueness being secured by the requirement that certain combinations of line integrals of ω , ω_x , and ω_y along the boundaries shall vanish, while certain other integrals shall be uniformly summable. The author proves that such a harmonic function exists and is related to the torsion function ϕ by the equation $\phi_{xx} = \omega$. Thus if ω can be constructed by an approximative procedure, approximate solutions ϕ_x and ϕ_y of the torsion problem may be obtained by two quadratures.

C. Truesdell (Washington, D. C.)

[Handwritten signature]

RUMANIA / General Problems of Pathology. Immunity.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102390.

Author : Mirza, L.; Picos, A.; Rotschild, L.; Petrescu, Al.;
Bronitki, Al.

Inst : Not given.

Title : The Role of the Cerebral Cortex in the Formation
of Antiinfluenzal Immunity in White Mice.

Orig Pub: Studii si cercetari inframicrobiol., microbiol.
si parasitol., 1957, 8, No 2, 191-199.

Abstract: Of 19 mice that had developed a conditioned reflex,
11 were immunized against influenza (formalinized
suspension of the lung tissue of animals infected
with the virus). An increase of the process of
stimulation was noted, on the background of which
short intervals of inhibition in the beginning of

Card 1/2

MIRZA, L.; PICOS, A.; ROTSCCHILD, L.; PETRESCU, Al.; BRONITKI, Al.

The role of cortical activity during anti-influenza immunization in white mice. Stud. cercet. inframicrobiol., Bucur. 8 no.2:191-199 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in sedinta din 5 martie 1956.

(INFLUENZA, immunol.

role of cortical activity in immun., in white mice)

(CEREBRAL CORTEX, physiol.

role in anti-influenza immun., in white mice)

RUMANIA / Human and Animal Physiology. Internal Secretion, Thyroid Gland.

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70315

Author : Picos, C. A.; Brad, I.

Inst : "C. I. Parhon" University

Title : The Influence of a Preparation of Thyroid Gland on the Basal Metabolic Rate in Fish

Orig Pub : Rev. Univ. "C. I. Parhon" si Politehn. Bucuresti, Ser. stiint. natur., 1953, No 2, 138-142

Abstract : The oxygen consumption in carp when they were fed with thyroid gland increased 30 percent (but only by ten percent when they were fed with meat powder).

Card 1/1

PICOS, C., BOHOSIEVICI, C.; ALLINCAI, Gh.; BRANISTE, C.

Surface regosity influence on the corrosion resistance of steel pi-ces.
Studii fiz tehn lasi 14 no.1:129-136 '63.

BOTNARIUC, N.; NEGREA, A.; PICOS, C.

Observations on the Anodonta from the Grapina-Jijila complex of lakes. Studii cerc biol anim 13 no.1:93-102 '61. (KEAI 10:7)

1. Membru de redacti Studii si Cercetari de Biologie, Seria
Biologie Animale, Bucuresti (for Botnariuc)
(ROMANIA--LAKES) (ROMANIA--ANODONTA)

PICOS, C.A. (Bucuresti)

Role of enzymes in the body metabolism. Natura Biologie 14
no.5:30-38 S-O '62.

PICOS, Constantine A.; GUSIC, Jules Vladimir

Contribution to the study of the blood coagulation of carp. Acta hydrobiol 4 no.3/4:413-420 '62.

1. Faculte de Science Naturelles, Universite "C.I.Parhon",
Bucarest.

RUMANIA

PICOS, C. A., Dr, Bucharest [affiliation not given]

"The Role of Microelements in the Animal Organism."

Bucharest, Natura. Seria Biologie, Vol 18, No 2, Mar-Apr 66,
pp 11-19.

Abstract: The author summarizes the available knowledge on the theoretical and practical significance of the principal microelements (iron, zinc, copper and manganese) in the animal organism. He points out that from the theoretical aspect microelements constitute a link between the mineral, vegetable and animal kingdoms, while an understanding of their activity can be most useful in the practice of zootechnology.

Includes 15 references, of which 7 are Rumanian, 2 Russian and 6 French.

1/1

- END -

CSO: 2000-N

- 74 -

Peos, C.A.

2

The action of thyroid powder on the metabolism of fish.
C. A. Peos and I. Brad (Fac. Biol., Bucharest). *Rev. univ. "C.I. Parhon" politech. Bucuresti, Ser. stint. nat. No. 2, 138-142 (1963).*—Expts. made on carp have shown that the metabolism of fish fed with thyroid powder was increased 29.57% as compared with those fed with meat powder, which showed only an increase of 10.01%. The metabolism was detd. by O analysis by using the Winkler method (*C.A. 5, 2516*).
R. Mavroulleanu

RUMANIA / Human and Animal Physiology. Metabolism. T

Abs Jour: Ref Zhur-Biol., No 5, 1958 21856.

Author : S. A. Picos.

Inst : ~~Not given.~~

Title : Specific Dynamic Action of Protein in the Carp.

Orig Pub: Ann. Inst. Cercetari. piscic., 1956, 1 (4),
378-384.

Abstract: In the young carp, following preliminary starvation (each animal received $\frac{1}{2}$ of its essential proteins) and maintenance at 21-23 degrees C., the specific dynamic action of proteins was 20.27% after 2 hours, and 23.64% after 4 hours, following administration of food. There was no determination of parallelism between utilization of O₂ and elimination of CO₂. The

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Card 2/2

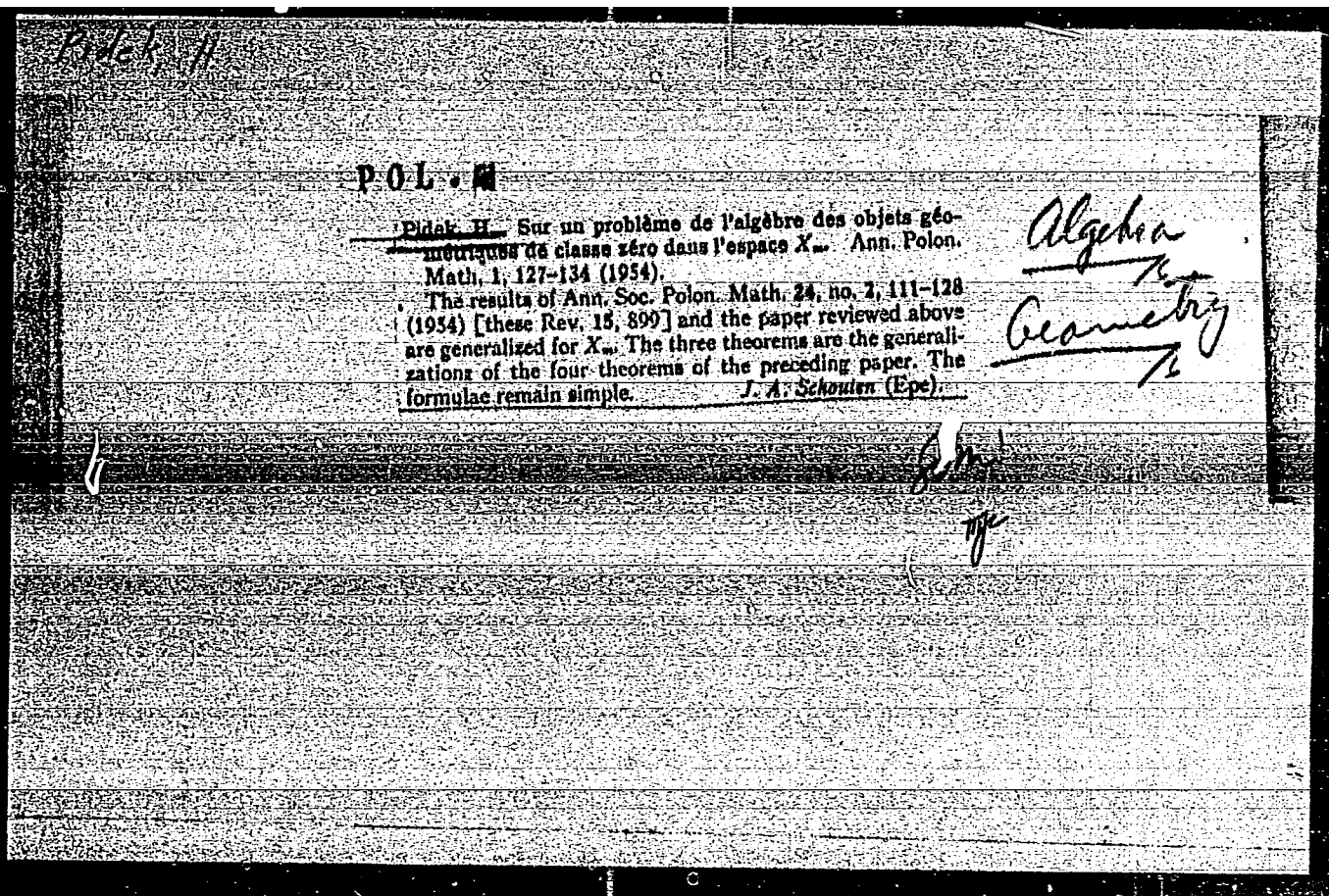
7

PICURIC, M.

How to increase further capacity. p. 17

ZELEZNICE, Beograd, Vol 12, No. 1, Jan., 1956

SO: EEAL, Vol 5, No. 1, July, 1956



PIDEK, H.

PIDEK, H.

BIERNACKI, M.,

RYLL-NARDZEWSKI, C.: About an Inequality Between Definite Integrals

(Math) Biernacki, M., Pidek, H., et Ryll-Nardzewski, C. Sur une
Inégalité entre des intégrales définies. Ann. Univ.
Marie Curie-Skłodowska, Sect. A, 4, 1-4 (1930).
(French. Polish summary)

The authors give a simple proof of the known result that
for $f(x_1, \dots, x_n), g(x_1, \dots, x_n) \geq 0$ in a domain D of content
 V we have

$$\left| \frac{1}{V} \int_D f g dV - \frac{1}{V^2} \int_D f dV \int_D g dV \right| \leq \frac{1}{2} (\sup f)(\sup g).$$

The paper was written in 1945, but a footnote contains
references to subsequent pertinent literature: for these, see
also J. Karamata [Acad. Serbe Sci. Publ. Inst. Math, 2,
131-145 (1948); these Rev. 10, 435]. E. F. Beckenbach.

Source: Mathematical Reviews,

Vol. 13 No. 2

7/10/54
3
Pédel, H. Sur les objets géométriques de la classe zéro
qui admettent une algèbre. Ann. Soc. Polon. Math. 24
(1951), no. 2, 111-128 (1954).

The special objects of class zero with one component
(classification of Schouten and Haantjes) are called objects
of type R^1 if the defining functions are of class C^1 (continuous
derivations of order 1). After the demonstration of a pre-
liminary proposition for the case $n=1$, in §3 a proposition
is formulated for two objects of the same kind of type R^1
concerning the special forms the transformation can be
written in. The proposition is decomposed into five lemmas.
J. A. Schouten (Epe).

PIETRUSEWICZ, Maria; PIDEK, Eleonora

A new solvent for chromatographic separation of glucosamine, glucose, galactose, mannose, and rhamnose. Chem anal 7 no.5:1007-1008 '62.

1. Department of Physiological Chemistry, Academy of Medicine, Lublin.

PIDEK, H.

Pidek, H. Sur un problème de l'algèbre des objets géométriques de classe zéro dans l'espace X_m . Ann. Polon. Math. 1, 127-134 (1954).

The results of Ann. Soc. Polon. Math. 24, no. 2, 111-128 (1954) [these Rev. 15, 899] and the paper reviewed above are generalized for X_m . The three theorems are the generalizations of the four theorems of the preceding paper. The formulae remain simple. J. A. Schouten (Epe).

Algebra

LIBERSEY, Ye.I.

Effect of vitamin C on the course of acute trinitrobenzene poisoning. Farm. Zhurn., 1974, No. 10, p. 104.

I. Kafedra farmakologii. Zav. - prof. N. I. Nosov. Meditsinskii institut.

PIDEMSKIY, Ye.L.

Effect of vitamin B complex on some liver functions in acute trinitrotoluene poisoning. Farm. i toks. 25 no.1:104-113 Ja-F '62. (MI-A 15:4)

1. Kafedra farmakologii (zav. - prof. Yu.S.Grosman) Permskogo gosudarstvennogo meditsinskogo instituta.
(TOLUENE--TOXICOLOGY) (VITAMINS--B) (LIVER)

PIDENKO, A.F., aspirant

Friction and wear of machine parts from the point of view
of the power theory. Nauch. trudy Mosk. inst. radioelek.
1 gor. elektromekh. no. 4^o pt.2:102-116 ' 64

(MIRA 19:1)

Increasing the reliability and durability of transmission
gears. Ibid.:117-121.

PIDERMANN, B.; KUKLIK, B.

Long-distance signaling of defects in unattended transformers stations. pr. 481

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia
Vol.5, no.4, April 1955

Monthly List of East European Accessions (EEA) LC, Vol.6, no.11

Nov. 1969

Uncl.

PIDERMANN, B., inz.

Device for the automatic performance control of the 55
and 100 mw steam units. Bul EGU no. 3/4:33-38 '63.

PIDEVICH, I.N.

Effect of analgesic and neuroplegic substances on the coronary
chemoreflex. Uch.zap.Inst.farm.i khimioter.AMN SSSR no.2:121-132
'60. (MIRA 15:10)

1. Laboratoriya chastnoy farmakologii (zav. - deystvitel'nyy
chlen AMN SSSR, prof. V.V.Zakusov).
(CORONARY VESSELS) (FREFLEXES)
(ANALGESICS) (AUTONOMIC DRUGS)

PIDEVICH, I.N.

Effect of analgetic and neuroplegic substances of the coronary chemoreflex. Biul. eksp. biol. i med. 51 no.1:55-59 Ja '61.

(MIRA 14:5)

1. Iz laboratorii chastnoy farmakologii (zav. - deystvitel'nyy chlen AMN SSSR V.V.Zakusov) Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy chlen AMN SSSR V.V.Zakusov) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR V.V.Zakusovym.

(RESERPINE)

(CHLORPORMAZINE)

(HEART)

PIDEVICH, I.N.

Search for serotonin antagonists based on their action on cardiac **receptors**. Uch.zap. Inst. farm. i khimioter. ~~AM~~ SSSR 3: 258 - 264 '63.
(MIhA 16:9)

1. Department of Pharmacology (Head - Prof. V.V. Zakusov, Member of the U.S.S.R. Academy of Medical Sciences) of the Institute of Pharmacology and Chemotherapy of the U.S.S.R. Academy of Medical Sciences.

(NERVES, CARDIAC) (SEROTONIN)

PIDEVICH, I.N.

Effect of reserpine on cardiac chemoreflexes. Vest. AMN SSSR 18
no.1:41-47 '63. (MIRA 16:2)

1. Institut farmakologii i khimioterapii AMN SSSR.
(RESERPINE) (HEART—INNERVATION) (REFLEXES)

KAVERINA, N.V., prof.

JA, G.F.; RIDEVICH, I.N.

Pharmacology Characterization of the serotonin-reactive
structures of part. I. Zh. fiziol. Khim. 5:430-436
S-O '65. (MIR 18:1.)

1. Laboratoriya Farmakologii serdечно-sosudistoy sistemy
(zav. prof. N.V.Kaverina) Instituta farmakologii i khimicheskoy fiziki
(direktor - delegirovannyy chlen AMN SSSR prof. V.V.Zapuznov)
AMN SSSR, Moskva. Submitted June 11, 1964.

FIDEVICH, I.N.

Effect of some anesthetic substances on the chemoreflexes
from the heart and lungs. Biul. eksp. biol. i med. 60
no.9:63-67 S '65. (MIRA 18:10)

L. laboratoriya farmakologii serdечно-sosudistoy sistemy
(zav. - doktor med. nauk N.V. Kaverina) Instituta farmakologii
i khimioterapii i N SSSR (dir. - deystvitel'nyy chlen AMN SSSR
prof. V.V. Zakusov), Moskva.

KUNKIN, Ya.A., kand.tekhn.nauk; PIDGAYETSKIY, G.Ya. [Pidhalets'kyi, H.IA.],
inzh.; LEVITSKIY, Sh.A. [Levyts'kyi, Sh.A.], inzh.

Machinery surfaces of connecting rod joints. Mekh. sil'. hosp.
12 no.9:10-12 S '61. (MIRA 14:11)
(Connecting rods)

PIDGAYETSKIY, P.G. [Pidhalets'kyi, P.H.], prepodavatel'

Strengthening the ties of schools with life. Mekh. sil'.
hosp. 12 no.12:3-4 D '61. (MIRA 17:1)

1. Novokakhovskiy sel'skokhozyaystvennyy tekhnikum.

PIDCHAYETS'KIY, V. V.

S/021/63/000/002/012/016
D405/D301

AUTHORS: Pidhayets'kyi, V. V. and Haliynych, V. I.

TITLE: Role of pre-electrode arc region in the absorption of nitrogen by the metal of a steel welding bath

PERIODICAL: Akademiya nauk UkrRSR. Dopovidi. no. 2, 1963, 209-210

TEXT: The experimental weldings were carried out in an argon atmosphere, containing 4% nitrogen. On welding by a direct current, the nitrogen is absorbed on the cathode only. In the case of an a.c. the nitrogen is absorbed by the liquid metal of the melted electrode, as well as by the metal of the welding bath, in accordance with the change in polarity. It was found that the absorption of nitrogen by the metal is enhanced by introducing solid oxide compounds into the welding region; the compound used was SiO_2 powder. The corresponding chemical reaction can be written in the form:

Card 1/2

Role of pre-electrode ...

S/021/63/000/002/012/016
D405/D301



The nitrogen oxides which are formed promote the absorption of nitrogen on the cathode as well as on the anode. Other experiments were conducted in an argon-nitrogen-hydrogen atmosphere, containing 0.015 - 0.016% N, and also in a $\text{A}_2 + \text{NH}_3$ atmosphere. It was found that the hydrogen promoted the absorption of nitrogen on the anode. Hence the introduction of oxygen and hydrogen in the arc atmosphere leads to the absorption of nitrogen. There are 3 tables.

ASSOCIATION: Instytut elektrozvaruvanniya AN URSR (Institute of Electrical Welding of the AS UkrRSR)

PRESENTED: by Academician B. Ye. Paton

SUBMITTED: July 20, 1962

Card 2/2

~~PIDGAYKO, Marya Leonidovna~~; ROLL, Ya.V., otvetstvennyy redaktor; SENCHENKO,
O.S., redaktor izdatel'stva; SIVACHENKO, Ye.K., tekhnicheskiy
redaktor.

[Zooplankton of waters of the Danube Valley] Zooplankton pri-
dunaiskikh vodoemov. Kiev, Izd-vo Akad.nauk USSR, 1957. 96 p.
(MIRA 10:11)

1. Chlen-korrespondent AN USSR (for Roll).
(Danube Valley--Zooplankton)

PIDGAYKO, M.L. [Pidhaiko, M.L.]

Zooplankton of the Dnieper Delta. Trudy Inst. gidrobiol. AN URSR
no. 34:155-179 '58. (MIRA 12:3)

(Dnieper Delta--Zooplankton)

30(1)

AUTHOR: Pidgayko, M.L.

SV/21-52-2-12/50

TITLE: On the Formation of Fauna in Newly-Constructed Ponds
(K voprosu o formirovanii fauny novopostroyennykh
prudov)

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1960, Nr 2,
pp 203-207 (USSR)

ABSTRACT: The author of this article reports on his findings
made in 1957 and 1958 in four artificial ponds of
the Ingulets river irrigation system. In those
ponds, the formation of the invertebrate fauna pro-
ceeded under the strong influence of the mixed water
of the Ingulets and the Dneper rivers which flow
into the ponds from the main canal of the irrigation
system. It was found that the typical fauna of the
steppe ponds was undergoing considerable changes.
Species typical for both rivers were becoming the
leading species in the plankton and benthos of the
new ponds. The effect of the rivers on the forma-

Card 1/2

On the Formation of Fauna in Newly-Constructed Ponds SOV/21-52-2-27-26

tion of the animal population in the ponds is the greater, the nearer the basin is to the point of inflow of river water, and the stronger the inflow current is. It is possible to artificially acclimatize certain species of the river and the estuary invertebrate complex in ponds, with the aim to enrich food resources for the fish. There are 6 Soviet references.

ASSOCIATION: Institut gidrobiologii AN UkrSSR (Institute of Hydrobiology of the AS UkrSSR)

PRESENTED: By A.P. Markevich, Member of the
AS UkrSSR

SUBMITTED: November 22, 1958

Card 2/2

KONONENKO, A.D.; PIDGAYNO, M.D.; RADZIM V.D.A.

Materials on the ecologic characteristics of ponds of the wooded
steppe belt in the Ukrainian S.S.R. Vop. ekol. 5:101-103 '62.

(MIRA 16:6)

1. Institut gidrobiologii AN UkrSSR, Kiev.
(Ukraine —Fishponds)

PIDGAYKO, M.L.

Zooplankton and zoobenthos in some recently built ponds of the "Nivki"
Piscicultural Experiment Farm. Trudy Gidrobiol. Stava 11:115-117
'61. (Mirn 15:1)

1. Institut gidrobiologii AN USSR, Kiyev.
(Nivki Valley--fresh-water fauna)

PIDGAYKO, M.L.

Formation of zooplankton in waters of the Danube Valley. Trudy
Inst.gidrobiol.AN URSR no.36:230-241 '61. (MIRA 14:8)
(Kiliyskoye Girlo region--Zooplankton)

KONENKO, Anna Dmitriyevna; PIDGAYKO, Mayya Leonidovna [Pidhaiko, M.L.];
RADZIMOVSKIY, Dmitriy Aleksandrovich [Radzymovs'kyi, D.A.]; YAN-
KOVSKAYA, Z.B. [Iankovs'ka, Z.B.], red. izd-va; MATVIICHUK, O.,
tekhn. red.

[Ponds of the Ukrainian Polesye; a hydrochemical and hydrobiological
survey] Stavky Polissia Ukrainy; hidrokhimichnyi ta hidrobiologich-
nyi naris. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 139 p.

(MIRA 14:11)

(Polesye—Fish ponds)

PILGORA, V.V., gornyy inzh.

Some efficient parameters of bit design for rock drilling.

Ugol' 39 no.7:40-42 J1 '64.

(MIRA 17:10)

1. Proizvodstvenno-eksperimental'noye upravleniye po burovzryvnym
rabotam Donetskogo soveta narodnogo khozyaystva.

ALEKSANDROV, V.Ye., *gornyy inzh.*; SEVRUKOV, V.V., *gornyy inzh.*;
PIDGORA, V.V., *gornyy inzh.*

Using a new type of a borehole charge. Vzryv. delo no.54/11:
367-374 '64. (MIRA 17:9)

1. Luganskoye upravleniye burovzryvnykh rabot.

PIDHRUSHYNI, I.S.

[I.V.Michurin's philosophy] Svitohliad I.V.Michurina. Kyiv,
Akad. nauk URSR, 1960. 211 p. (MIRA 16:3)
(Michurin, Ivan Vladimirovich, 1855-1935)

ROMANENKO, O.M.; PIDLISNYUK, V.A.

Frame for adjusting the SKHK-6V planter. Mekh. sil'. hosp. 13
no.4:12-13 Ap '62. (MIRA 17:3)

1. Cherkasskaya sel'skokhozyaystvennaya opytnaya stantsiya.

PIDOPLYCHKA, I. H.

Materials for the study of the fossil fauna of the Ukr. SSR Kyiv, Vyd-vo Akademii nauk
URSS, 1958-

Yudin QE711.P5

1. Paleontology - Ukraine.

KVASNIKOV, Yevgeniy Ivanovich; KOLIK, Larina Prolovna; LIDOLICHKA, E.M., doktor biol. nauk, retsenzent; UNGUBYAN, I.K., zasl. deyatel' nauki i tekhniki SSSR, retsenzent; VESELOV, I.Ya., doktor biol. nauk, retsenzent; LITVINA, L.A., red.

[Lactic acid bacteria of wine and the fundaments of the regulation of their activity] Mekhnikislye bakterii vina i osnovy regulirovaniya ikh zhiznedei'nosti. Moskva, Pishchevaia promyshlennost', 1967. 22 p. (MikA 17:9)

1. Chlen-korrespondent Akad. Nauk SSSR (for Lidolichka)
2. Chlen-korrespondent Akad. Nauk SSSR (for Unguyan)

PIDOPLICHKO, A. P.

26986. PIDOPLICHKO, A. P. Izuchyennost' i predvaritel' naya knarakteristika torfyanykh mestorozh deniy polesskoy mizmennosti. V sb: K voprosu osvoyeniya i razvitiya proizvodit. Sil poles'ya. Minsk, 1949, s 201-05.

So: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949.

PIDOELICHKO, A. P.

Peat Bogs - White Russia

The peculiarity of the development and structure of peat-beds in the north-west districts of White Russia (SST). Sbor. nauch. trud. Inst. torfa AN SSSR no. 1, 1961

9. Monthly List of Russian Accessions, Library of Congress, August 195²₀, Uncl.

TYUREMNOV, S. N., PID PLICHKO, A. N.

Peat bogs - White Russia

Regularity of distribution of peat deposits in White Russia (SSSR), their characteristic and prospects of utilization. Sbor. nauch. trud. Inst. torfa AN BSSR no. 1, 1951

9. Monthly List of Russian Accessions, Library of Congress, August 195~~3~~⁴, Uncl.

PIDOPLICHKO, A. P.

Krasnoye Polesye, Lake

Relative age of Lake "Krasnoe Poles'e" and its surrounding peat beds. Sborn. nauk. trud.
Inst. torfa AN BSSR no. 1, '1.

9. Monthly List of Russian Accessions, Library of Congress, August 1954, Unclassified.

PIDOPLICHKO, A.P., kandidat biologicheskikh nauk

New findings in the study of peat bogs in White Russian Polesye.
Trudy Inst.torf. AN BSSR no.2:19-32 '53. (MLRA 8:11)
(Polesye--Peat bogs)

PIDOPLICHKO, A.P.; KONOYKO, M.A.

Nature of the development of contemporary lakes in peat bogs in
the White Russian S.S.R. Trudy Inst.torf. AN BSSR no.2:200-202
'53. (MIRA 8:11)
(White Russia--Peat bogs) (White Russia--Lakes)

PIDOLICHKO, A. F.

SELITREN KROV, A. I.

ISPOL'ZOVANIYE TORFA V SEL'SKOM KHUZAYSTVE (USE OF PEAT IN AGRICULTURE, BY)

A.I. SELITREN KROV, F.A. KALYONOV (1) A.I. PIDOLICHKO. MINSK, L.D.V. AKADEM

NAUK BSSR, 1954.

20 P. ILLUS., TABLES.

PIDOPLICHKO, A.P.; KONOYKO, M.A.

Results of the study of the raw supply resources for the
manufacture of wax from peat. Trudy Inst. torf. AN BSSR
6:96-109 '57.
(Peat) (Ozocerite)

(MIRA 11:7)

RAKOVSKIY, V.Ye., otv.red.; PIDOPLIKHO, A.P., kand.biolog.nauk, red.;
GOLECHNIK, I.Z., kand.tekhn.nauk; BARABANOVA, Ye., red.izd-va;
VOLOKHANOVICH, I., tekhred.

[Sapropels and their utilization] Sapropeli i ikh ispol'zovanie; po materialam konferentsii po sapropeliyam 1956 g.
Minsk, 1958. 129 p. (MIRA 12:1)

1. AN BSSR, Minsk. Institut torfa. 2. Chlen-korrespondent
AN BSSR (for Rakovskiy).
(Sapropels)

KOMOVKO, M.A.; PIDOPLICHKO, A.P.

Origin of peat intercalations of a higher decomposition degree
in the highmoor deposits of White Russia. Dokl. AN BSSR 5 no.10:
462-464 O *61. (MIRA 15:3)

1. Institut torfa AN BSSR. Predstavleno akademikom AN BSSR
K.I.Lukashevym.

(White Russia--peat bogs)

PIDOPLICHKO, Aleksandr Pavlovich; NEYSHTADT, M.I., doktor geogr. nauk,
red.; BARABANOVA, Ye., red. izd-va; SIDERKO, N., tekhn. red.

[Peat deposits of White Russia; genesis, stratigraphy, and
districting] Torfiane mestorozhdeniia Belorussii; genezis,
stratigrafiia i raionirovanie. Minsk, Izd-vo Akad. nauk BSSR,
1961. 190 p. (MIRA 15:1)

(White Russia—Peat)

(PIDOPLICHKO, A.P.,) OPIKHCHUK, R.I.

Some characteristics of sapropel strata formation in the
Braslay and Narochno Lake groups. Trudy Inst. torfa AN
BSSR 7:50-63 '59. (MIRA 14:1)
(Molodechno Province—Sapropels)

41

PIDOPLICHKO, A.P.; PIGULEVSKAYA, L.V.; KONOYKO, M.A.; CHISTOVA, L.R.

Comparative estimate of the natural resources of raw bituminous
peat. Trudy Inst. torfa AN BSSR 7:73-89 '59. (MIRA 14:1)
(Peat)

PIDOPLICHKO, A.P.; GRISHCHUK, R.I.

Main stratigraphic development systems of lakes in White Russia.
Trudy Inst. torf. AN BSSR. 9:307-313 '60. (MIRA 14:2)
(White Russia—Geology, Stratigraphic)
(White Russia—Lakes) (White Russia—Sapropel)

PIDOPLICHKO, A.P.

Development of the study of peat deposits in White Russia; on the
40th anniversary of White Russia. Trudy inst. torf. AN BSSR 8:67-76
'59. (MIRA 13:12)

(White Russia--Peat)

PIDOPLICHKO, A.P.; KONOTKO, M.A.

Time of formation and features of the development of peat
bogs and lakes in the White Russian S.S.R. during the
Holocene. Dokl.AN BSSR 3 no.11:456-458 N '59.
(MIRA 13:4)

1. Predstavleno akademikom AN BSSR K.I. Lukashovym.
(White Russia--Paleogeography)

PIDOPLYCHKO, I.

Conservation of nature. Nauka i zhyttia 12 no.6:7-9 Je '62.
(MIRA 15-7)

1. Chlen-korrespondent AN UkrSSR.
(Conservation of natrual resources

PIDOPLYCHKO, I.G., professor; TOPACHEVSKIY, V.A.

The elk and the northern reindeer in prehistoric times. *Priroda* 41 no.
7:101-103 J1 '53. (MLBA 6:6)

1. Institut zoologii Akademii nauk Ukraineskoy SSR.

(Elk) (Reindeer)

ABLYENTSEV, V.I.; PIDOPLYCHKO, I.G., doktor biologichnykh nauk, professor;
POPOV, R.M. [deceased]; BILANOVSKIY, I.D., doktor biologichnykh
nauk, redaktor; KAS'YANENKO, V.G., akademik, redaktor; MARKEVICH,
O.P., redaktor; SENCHENKO, O.S., redaktor vidavnytstva; ROZENTSVEYG,
Ye.N., tekhnichnyi redaktor

[Fauna of the Ukraine; in forty volumes] Fauna Ukrainy; v soroka
tomakh. Kyiv, Vyd-vo Akademii nauk URSR. Vol. [Mammals] Ssavtsi.
No.1. [General characteristics of mammals; insectivores, bats]
Zahal'na kharakterystyka ssavtsiv, kosakhoidni, kazhany. 1955.
445 p. (MLRA 10:3)

(Mammals) (Ukraine--Bats) (Ukraine--Insectivora)

PIDOPLICHKO, I.G.

Study of Anthropogenetic vertebrates in Ternopol' Province. Nauk.zap.
Pryrod.muz.L'viv.fil.AN URSR 5:45-52 '56. (MLRA 10:5)
(Ternopol' Province--Vertabrates, Fossil)

PIDOPLICHKO, Ivan Grigor'ayvich; MOLYAVKO, G.I., dotsent, otvetstvennyy
redaktor; GRUDZINSKAYA, O.S., redaktor izdatel'stva; SIVACHENKO,
Ye.K., tekhnicheskiy redaktor

[Glacial period] O lednikovom periode] Kiev, Izd-vo Akad.nauk USSR.
No.4. [Origin of glacial boulders] Proiskhozhdenie valunnykh otlo-
zhenii. 1956. 334 p. (MLA 10:7)
(Boulders)

PIDOPLICHKO, I.G.; MAKHYEV, P.S.

Reply to D.G.Panov's review. Izv.AN SSSR Ser.geog. no.6:88-90 N-D '53.
(MIRA 6:12)
(Paleoclimatology)

Pidoplichko, I. G.

~~USSR~~ / Geology - Paleontology

Card 1/1 Pub. 22 - 39/49

Authors : Pidoplichko, I. G.

Title : New data about the vertebrate fauna of anthropogenic deposits in the Tarnopol region

Periodical : Dok. AN SSSR 100/5, 989-991, Feb 11, 1955

Abstract : New paleontological data are given regarding the vertebrate fauna of the anthropogenic (Quaternary period) deposits discovered in the Tarnopol region of the Ukr-SSR. Seven references: 2 USSR, 3 USA, 1 German and 1 French (1901-1951). Tables.

Institution :

Presented by : Academician E. N. Pavlovskiy, November 10, 1954