

Shul'man, G.E.

1972

The level of lipid reserves in fish in different areas  
of the Central Mediterranean (Ob urovne shirovnykh zapasov  
u ryb v razlichnykh raionakh Tsentral'nogo Sredizemnomor'ia)  
Voprosy ikhtiologii, 12(1(72): 133-~~134~~, In Russian.

*206*  
Transl. by ST for AFS, 1973, pp. 115-121 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price per  
copy \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *MK*

Persov, G.M. 1972  
Functional lability of the reproductive system of fish  
(Nadezhnost' funktsionirovaniia vosproizvoditel'noi  
sistemy ryb)  
Voprosy ikhtiologii, 12(2(73): 258-272. In Russian.

Transl. by ST for AFS, 1973, pp. 226-240 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. *HR*

Kulikova, N.I.

1972

Variability and speciation in the chum salmon  
(*Oncorhynchus keta* (Walb.)) (Izmenchivost' i puti  
formobrazovaniia u kety *Oncorhynchus keta* (Walb.)  
Voprosy ikhtiologii, 12(2(73)): 211-225. In Russian.

Transl. by ST for AFS, 1973, pp. 185-197 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked 

Danil'chenko, V. P.

Clupeidae in the Tethyan Paleogene-Neogene seas 1972  
(Zel'devye (Clupeidae) v paleogen-neogenovykh morskakh  
Tetisa)

Voprosy ikhtiologii, 12(2(73)): 226-232. In Russian.

Transl. by SP for APS, 1973, pp. 198-205 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. APS, price  
per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked. *MR*

Gelasun, P.T.

Morphological characters of rainbow trout, Salmo 1972  
gairdneri irideus Gibbons, reared in pond farms of the  
western regions of the Ukraine (K karakteristike morfo-  
logicheskikh priznakov raduzhnoi foreli Salmo gairdneri  
irideus Gibbons, vyrashchennoi v prudovykh khoziaistvakh  
zapadnykh oblastei Ukrainskoi SSR)  
Voprosy ikhtiologii, 12(2(73): 233-239. In Russian.

Transl. by ST for AFS, 1973, pp. 204-209 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked. 

Lisina, T.N.

1972

Seasonal dynamics of the biological characteristics of the roach [Rutilus rutilus (L.) under conditions of varying food availability (Sезонная динамика биологических показателей плотвы Rutilus rutilus (L.) в условиях разной обеспеченности пищей)

Voprosy ikhtiologii, 12(2(73)): 240-257. In Russian.

Transl. by ST for AFS, 1973, pp. 210-226 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked. MR

Savel'eva, E.A., and T.F. Shuvatova 1972  
Some characteristics of the parent-progeny relationship  
in the Don pike-perch (Lucioperca lucioperca (L.)) (o  
nekotorykh zakonomernostyakh svyazey mezhdu potomstvom i  
roditeliami u donskogo sudaka Lucioperca lucioperca (L.))  
Voprosy ikhtiologii, 12(2(73)), 273-281. In Russian.

Transl. by ST for AFS, 1973, pp. 241-248 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *MS*

Zakharian, G.B. 1972  
Natural reproduction of sturgeons in the Kura River  
following its regulation (Estestvennoe razmnoshenie  
osetrovykh (sem. Acipenseridae) v usloviakh  
zaregulirovannoy Kury)  
voprosy ikhtiologii. 12(2(73): 282-292. In Russian.

Transl. by ST for AFS, 1973, pp. 249-259 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *AK*

Vronskii, B.B. 1972  
Reproductive biology of the Kamchatka River chinook  
salmon (Oncorhynchus tshawytscha (Walbaum)] (Materialy  
o razmnozhanii obavyohi Oncorhynchus tshawytscha (Walbaum)  
r. Kamohatki)  
Voprosy Ikhtiologii, 12(2(73): 293-308. In Russian.

Transl. by ST for AFS, 1973, pp. 259-273 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Makeeva, A.P. 1972  
Hybridization of the bighead [Aristichthys nobilis (Rich.)]  
and the carp (Cyprinus carpio L.) (Gibridizatsia pestrogo  
tolstolobika - Aristichthys nobilis (Rich.) s sazanom  
(karpom) - Cyprinus carpio L.)  
Voprosy ikhtologii, <sup>356</sup>12(273): 309-~~310~~. In Russian.

Transl. by ST for AFS, 1973, pp. 274-<sup>318</sup>~~310~~ in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
per oy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked. *MR*

Khudolet, V.V. 1972  
Induction of liver tumors by some azo compounds in  
aquarium guppies [Lebistes reticulatus (Peters)]  
(Indukttsiaia nekotorymi azoosodineniami opukholei pecheni  
u akvariumnykh guppi Lebistes reticulatus Peters)  
Voprosy ikhtiologii. 12(2(73): 357-363. In Russian.

Transl. by ST for AFS, 1973, pp. 319-324 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. *MS*

Karpevich, A.F., and N.K. Lukonina 1972  
Transplantations of fish and aquatic invertebrates in 1968  
(Peresadka ryb i vodnykh bespozvonochnykh v 1968 g.)  
Voprosy ikhtiologii, 12(2(73): 364-380. In Russian.

Transl. by ST for AFS, 1973, pp. 325-341 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked *MR*

Averkiev, F.V., et al. 1972  
In memory of I. Ia. Syrovatskii (January 5, 1892-March  
30, 1971) (Pamiat' I. Ia. Syrovatskogo)  
Voprosy ikhtiologii, 12(2(73): 381-383. In Russian.

Transl. by ST for AFS, 1973, pp. 342-345 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. *MR*

Iukhov, V.L.

1972

Range of fish of the genus Dissostichus (fam. Nototheniidae)  
in Antarctic waters of the Indian Ocean (O rasprostraneni  
klykachei roda Dissostichus (sem. Nototheniidae) v  
antarkticheskikh vodakh Indijskogo okeana)  
Voprosy ikhtiologii, 12(2(73): 384-~~385~~<sup>387</sup>. In Russian.

Transl. by ST for AFS, 1973, pp. 346-~~347~~<sup>350</sup> in "Journal of  
Ichthyology" (transl. of entire issue). Avail AFS, price  
per copy \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *R*

Khoroshko, P.N.

1972

Water divider and conditions for the spawning of the  
Volga sturgeons (Vododelitel' i usloviia razmnozheniia  
osetrovykh Volgi)  
Voprosy ikhtiologii, 12(2(73)): 388-390. In Russian.

Transl. by ST for AFS, 1973, pp. 350-354 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked *NR*

Tsunikova, R.P.

1972

Survival of larvae of the Kuban roach [Rutilus rutilus  
heckeli (Nordm.)] under conditions of starvation  
(Vyshivaemost' lichinok kubanskoj tarani Rutilus rutilus  
heckeli (Nordm.) pri golodanii)  
Voprosy ikhtiologii, 12(2(73): 391-393. In Russian.

Transl. by ST for AFS, 1973, pp. 354-357 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. *MR*

Protasov, V.R., et al.

1972

Sounds emitted by the anchovy [Engraulis encrasicolus  
(L.)] in a light field (O svuktakh, izdavaemykh khamsoi  
(Engraulis encrasicolus L.), v svetovom pole)  
Voprosy ikhtiologii, 12(2(73)): 394-396. In Russian.

Transl. by ST for AFS, 1973, pp. 357-361 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. 

Strebkova, T.P.

1972

Effect of anesthetics (thiopental sodium) on the physiological characteristics of mirror carp [Cyprinus carpio (L.)] underyearlings (Vliianie anestezirovushchikh veshchestv (tiopental natriia) na fiziologicheskie pokazateli sегоletkov zerkal'nogo karpa)  
Voprosy ikhtiologii, 12(2(73)): 397-400. In Russian.

Transl. by ST for AFS, 1973, pp. 361-365 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked. *AK*

Svetovidov, A.N. 1972  
New books on Mediterranean fishes (Novye knigi o rybakh  
Sredizemnogo moria)  
Voprosy ikhtiologii, 12(2(73): 401-404. In Russian.

Transl. by ST for AFS, 1973, pp. 366-369 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. *MR*

Ostrovskaya, L.A., V.P. Ponomarenko, and  
V.L. Tret'iak 1972

A meeting of the "supply" subsystem of the automated control system for operations in the fish industry (ASUOR) (Soveshchanie sistemy ASUOR "Syr'tevaya baza")  
Voprosy ikhtiologii, 12(2(73): 405. In Russian.

Transl. by ST for AFS, 1973, pp. 370-372 in "Journal of Ichthyology" (transl. of entire issue). Avail AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked. *MR*

Moiseev, P.A., et al. 1978  
N.I. Kozhin (1896-1971) (Pamiati N.I. Kozhina)  
Voprosy ikhtiologii, 12(2(74)): 561-565. In Russian.

Transl. by ST for AFS, 1973, pp. 511-518 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked. MR

Il'ina, L.K., and N.A. Gordeev  
Water-level regime and the spawning of fish stocks in  
reservoirs (Urovennyi rezhim i vosproizvodstvo rybnykh  
zapasov vodokhranilishch)  
Voprosy ikhtiologii, 12(3(74): 411-421. In Russian. 1972

Transl. by ST for AFS, 1973, pp. 373-381 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked. *MR*

Nikol'skii, G.V., and N.K. Kanevskaja 1972  
Some data on the relationship between the range of  
variability of characters and the karyotypes of sturgeons  
(fam. Acipenseridae) (Nekotorye dannye o svyazi velichiny  
izmenchivosti priznakov i svoystv osetrovykh (sem.  
Acipenseridae) s kharakterom ikh kariotipa)  
Voprosy ikhtiologii, 12(3(74): 422-429. In Russian.

Transl. by ST for AFS, 1973, pp. 382-388 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked.....*MR*

Ivanov, V.N.

Techniques for fish chromosome preparation (Metody  
nabliudeniia khromosom ryb' 1972  
Voprosy ikhtiologii, 12(3(74): 430-438. In Russian.

Transl. by ST for AFS, 1973, pp. 389-396 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked: *HR*

Trunov, I.A.

Rare and new fish species in the southeastern Atlantic 1972  
(Redkie i novye dlia Iugo-Vostochnoi Atlantiki vidy ryb)  
Voprosy ikhtiologii, 12(5(74): 439-444). In Russian.

Transl. by ST for AFS, 1973, pp. 396-401 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked **MR**

Gordina, A.D., L.A. Duka, and L.S. Ozen 1972  
Sexual dimorphism, feeding and spawning in the "black-headed blenny" [Tripterygion tripteronotus (Risso)] of the Black Sea (Polovoi dimorfizm, pitanie i razmnozhenie chernogolovoi sobachki - Tripterygion tripteronotus (Risso) Chernogo moria)  
Voprosy ikhtiologii, 12(3(74)): 445-451. In Russian.

Transl. by ST for AFS, 1973, pp. 401-407 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per copy \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *MR*

Tugarina, P.Ia.

1972

The systematic position of the grayling (genus Thymallus)  
of the Kamchatka River basin (Sistematicheskoe polozenie  
khariusa (rod Thymallus) basseina r. Kamchatki)  
Voprosy ikhtiologii, 12(3(74): 452-463. In Russian.

Transl. by ST for AFS, 1973, pp. 407-418 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked <sup>MR</sup>

Avanesov, H.M. 1972  
Present spawning conditions of mullets (genus Mugil)  
in the Caspian Sea (Sovremennye uslovia razmnosheniia  
kefalei (rod Mugil) v Kaspiskom more)  
Voprosy ikhtiologii, 12(3(74): 464-470. In Russian.

Transl. by ST for AFS, 1973, pp. 419-425 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. *R*

Tiaoshina, L.A.

Embryonic development of the rainbow trout (Salmo gairdneri <sup>1972</sup>  
irideus (Gibb.) at different temperatures (Embryonal'noe  
razvitiie raduzhnoy foreli Salmo gairdneri irideus Gibb.  
pri raznykh temperaturakh)  
Voprosy ikhtiologii, 12(3(74): 471-478. In Russian.

Transl. by ST for AFS, 1973, pp. 425-432 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked 

Kuznetsov, V.A.

The growth pattern of the larvae and young of some fresh-  
water fish at different states of development (Kharakter  
rosta lichinok i molodi nekotorykh presnovodnykh ryb na  
raznykh etapakh razvitiia)  
Voprosy ikhtiologii, 12(5(74): 479-489. In Russian. 1972

Transl. by ST for AFS, 1973, pp. 433-442 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. MR

Korovina, V.M., et al.

1972

Morphological characteristics of broad whitefish  
X pelyad (Coregonus nasus [Pallas] X C. peled [Gmelin])  
reciprocal hybrids. Communication 1 (Morfologicheskie  
osobennosti retsiprochnykh gibridov chiz X peliad'  
(Coregonus nasus [Pallas] X C. peled [Gmelin]).  
Soobshchenie I)

Voprosy ikhtiologii, 12(3(74): 490-503. In Russian.

Transl. by ST for AFS, 1973, pp. 443-456 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked. MR

Origorash, V.A., V.D. Spanovskaja, and  
T.V. Lebedeva

1972

The availability of food to underyearling roach (Rutilus  
rutilus (L.)) in Moshaysk Reservoir (Obespechenost'  
pishchei segoletok plotvy Rutilus rutilus (L.) Moshayskogo  
vodokhranilishcha)  
Voprosy ikhtiologii, 12(3(74): 504-512. In Russian.

Transl. by ST for AFS, 1973. pp. 457-465 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked *AR*

Belyi, N.D.

1972

Downstream migration of the pike-perch [Lucioperca  
lucioperca (L.)] and its food in the early development  
stages in the lower reaches of the Dnieper (Skat sudaka  
Lucioperca lucioperca (L.) i ego pitaniie v nizov'ie  
Dnepra na rannikh stadiakh razvitiia)  
Voprosy ikhtiologii, 12(3(74): 513-520. In Russian.

Transl. by ST for AFB, 1973, pp. 465-472 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFB,  
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Original Article Checked *MR*

Shterman, L. Ia., and V.R. Slobodskoi  
The effect of betazine and iodine on growth, the functional  
state of the thyroid gland and blood indices in rainbow  
trout (Salmo irideus (Gibbons)) (Vliianie betazina i Ioda  
na rost, funktsional'noe sostoianie shchitovidnoy zhelezy  
i pokazateli krovi raduzhnoi foreli Salmo irideus Gibb.)  
Voprosy Ikhtiologii, 12(3(74): 545-555. In Russian.

Transl. by ST for AFS, 1973, pp. 498-504 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked. *AK*

Girsa, I.I.

The effect of photoperiod and water temperature on  
photoreaction in some fish (vliianie fotoperioda i  
temperatury vody na fotoreaktsiiu nekotorykh ryb) 1972  
Voprosy ikhtiologii, 12(3(74): 554-560. In Russian.

Transl. by ST for AFS, 1973, pp. 505-510 in Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Moiseev, P.A., et al. 1972  
N.I. Kozhin (1896-1971) (Pamiati N.I. Kozhina)  
Voprosy ikhtiologii, 12(3(74): 561-565. In Russian.

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Dadikian, M.G.

1972

A new subspecies of the European riffle minnow Alburnoides  
bipunctatus armeniensis subsp. nov. (Novyi podvid evropeiskoi  
bystrianki (Alburnoides bipunctatus armeniensis subsp. n.)  
Voprosy ikhtologii, 12(3(74): 566-569. In Russian.

Transl. by ST for AFS, 1973, pp. 519-522 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked NR

1972  
 Parin, N.V., and Iu.N. Shcherbachev  
 A new halfbeak species (Rhynchorhamphus arabicus Parin  
 et Shcherbachev) (Belontiiformes, Hemiramphidae) from  
 southern Yemeni waters (Novyi vid poluryla - Rhynchorhamphus  
arabicus Parin et Shcherbachev Belontiiformes, Hemiramphidae)  
 iz vod Iuzhnogo Iemana)  
 Voprosy ikhtiologii, 12(3(74): 572-576. In Russian.

Transl. by ST for AFS, 1973, pp. 523-526 in "Journal of  
 Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked: *R*

Nevikov, Iu.V.

The distribution of the spawning aggregations of the saury 1972  
[*Cololabis saira* (Brev.)] in the Pacific Ocean and the Sea  
of Japan in relation to surface water temperature  
(Rasprostranenie nerostovoi chasti populatsii sairy  
*Cololabis saira* (Brev.) v Tikhom okeane i Iaponskom more  
v zavisimosti ot temperatury poverkhnostnogo sloia vody)  
Voprosy ikhtiologii, 12(3(74): 572-576. In Russian.

Transl. by ST for AFS, 1973, pp. 526-531 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked. MR

Bogdanova, L.S.

The transition to exogenous feeding in the larvae of Coregonus lavaretus ludoga Poljakov (the Lake Ladoga "ludoga" whitefish) (O perekhode na ekzogernoe pitanie lichinok siga-ludogi (Coregonus lavaretus ludoga Poljakov) Voprosy ikhtiologii, 13(3(74): 576-581. In Russian. 1972

Transl. by ST for AFS, 1973, pp. 531-537 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *MR*

Radakov, D.V., and A.D. Mozhuk

1972

Mutual stimulation in schools of Pristella riddlei  
Meek and Rhodeus sericeus (Pallas) (O vzaimnoi stimulatsii  
v staniakh Pristella riddlei Meek i Rhodeus sericeus (Pallas)  
Voprosy ichtiologii, 12(3(74): 582-584. In Russian.

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Original Article Checked. *AK*

Pavlov, A.V., and A.P. Slivka 1972  
The migration of sturgeons (Acipenseridae) in the Volga  
during the winter (Migratsiia osetrovykh (Acipenseridae)  
v Volga zimoy)  
Voprosy ikhtiologii, 12(3(74): 584-588. In Russian.

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Original Article Checked...  
MS

Devitsyna, Z.V., and E.A. Marusov 1972  
Olfaction in fish, by H. Kleerekoper, Indiana University  
Press, Bloomington, London, 1969, pp. 222 (Retiensia na  
kn. G. Klirkopera "Obonianie ryb")  
Voprosy ikhtiologii, 12(3(74)): 589. In Russian.

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Original Article Checked *NR*

Faktorovich, K.A.

1972

Problems of the biology of fish and fisheries at the  
18th International Limnological Congress in Leningrad  
(Voprosy biologii ryb i rybnogo khoziaistva na XVIII  
Mezhdunarodnom limnologicheskom kongresse v Leningrade)  
Voprosy ikhtiologii, 12(3(74): 590-595. In Russian.

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Original Article Checked.....  
*MR*

Nikol'skii, G.V.

1972

Some problems in the theory of the exploitation of fish  
resources (O nekotorykh voprosakh teorii ekspluatatsii  
rybnykh resursov)

Voprosy ikhtiologii, 12(4(75): 603-805 In Russian.

Transl. by ST for AFS, 1973, pp. 555-743 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS,  
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Original Article Checked *R*

Ustyugov, A. P.

1972

The ecological and morphological characteristics of the  
Siberian cisco [Coregonus albus sardinella (Valenciennes)]  
from the Yenisey Basin (Ekologo-morfologicheskais  
kharakteristika sibirskoi' rypushki Coregonus albus sardinella  
(Val.) basseina reki Enisei)  
Voprosy ikhtiologii, 12(5(76): 811-826. In Russian.

Transl. by ST for AFS, 1973, pp. 745-759 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked *NR*

Maksimov, V.A.

1972

Some data on the ecology of the Kamchatka trout (Salmo mykiss Walbaum from the Utkholok River (Nekotorye dannye po ekologii kamchatskoi semgi Salmo mykiss Walbaum r. Utkholok)

Voprosy ikhtiologii, 12(5(76): 827-834. In Russian.

Transl. by ST for AFS, 1973, pp. 759-766 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per oy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *1/82*

Il'ina, L.K., and N.A. Gordeyev 1972  
Prospects for the use of Rybinsk Reservoir for fishery  
purposes (Perspektivy rybnokhoziaistvennogo ispol'zovaniia  
Rybinskogo vodokhranilishcha)  
Voprosy ikhtiologii, 12(5(76): 835-842. In Russian.

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Original Article Checked *MR*

Tugarina, P.Ya., and Anudarin Dashidorzhi 1972  
The mongolian grayling [Thymallus brevirostris (Kessler)]  
of the Dzabkhan River basin (Mongol'skii khariu Thymallus  
brevirostris Kessler basseina r. Dzabkhan)  
Voprosy Ikhtiologii, 12(5(76): 843-856. In Russian.

Transl. by ST for AFS, 1973, pp. 774-786 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked *AK*

Dushkina, L.A.

1972

Is there a local form of the Pacific herring in the Kara Sea?  
(Sushchestvuet li lokal'naiia forma malopozvonkovoii sel'di v  
Karskom more?)

Voprosy ikhtiologii, 12(5(76): 857-868. In Russian.

Transl. by ST for AFS, 1973, pp. 786-796 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked *MR*

Tereshenkov, I. I.

Replacement of teeth in the pike [Esox lucius (L.)] 1972  
(Smena zubov u shohuki Esox lucius L.)  
Voprosy ikhtiologii, 12(5(76)): 880-885. In Russian.

Transl. by ST for AFS, 1973, pp. 8:7-812 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *MR*

Moiseyeva, Ye.B.

1972

Variations in the weight of the pituitary gland in the round goby (Gobius melanostomus (Pall.)) as an indicator of its functional state at different stages in the sexual cycle (Izmeneniia vesa gipofiza kak pokazatelia ego funktsional'nogo sostoianiia na raznykh etapakh polovogo tsikla bychika-krucliaia Gobius melanostomus Pall.) Voprosy ikhtiologii, 12(5(76)): 880-885. In Russian.

Transl. by SP for AFS, 1973, pp. 802-806 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *MR*

Zver'kova, L.H.

1972

Growth and age of the walleye pollock [Theragra  
chalcogramma (Fall.)] from the northern part of the Sea  
of Japan (Rost i vozrast mlintsa Theragra chalcogramma  
(Fall.) iz severnoi chasti Iaponskogo moria)  
Voprosy ikhtiologii, 12(5(76): 869-874. In Russian.

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per cy. \$20.00, yearly subsc. (6 issues) \$60.00.

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Original Article Checked *MR*

Filatov, V.I. 1972  
Effectiveness of the utilization of natural foods by  
carp [Cyprinus carpio (L.)] larvae (Effektivnost'  
ispol'zovaniia estestvennykh kormov lichinkami karpa  
Cyprinus carpio L.)  
Voprosy ikhtiologii, 12(5(76): 886-892. In Russian.

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Original Article Checked *HR*

Reshetnikov, Yu.S., R. Claro, and

1972

A. Silva

The pattern of feeding and the rate of digestion in some tropical predatory fish (Ritmika pitanii i skorost' perevarivaniia pishchi i nekotorykh khishchnykh tropicheskikh vidov ryb)

Voprosy ikhtiologii, 12(5(76): 893-900. In Russian.

Transl. by ST for AFS, 1973, pp. 818-824 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per oy. \$20.00, yearly subsc. (6 issues) \$80.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *AR*

Zagorodny, N.V., and Ye.N. Babichev 1972  
The effect of environmental factors on the distribution  
of food fish in the shelf zone of the Bay of Bengal  
(Vliianie faktorov vneshnei sredy na raspredelenie  
promyslovyykh ryb mal'fovoi zony Bengal'skogo zaliva)  
Voprosy ikhtiologii, 12(5(76): 901-907. In Russian.

Transl. by ST for AFS, 1973, pp. 825-830 in "Journal of  
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Original Article Checked *MR*

Shevchenko, V.V.

1972

Dynamics of the content of dry fat-free residue and of lipid content in the body and organs of the North Sea haddock [Melanogrammus aeglefinus (L.)] in the course of growth and gonad maturation (Dinamika soderehaniia sudnogo obezhirennogo ostatka i zhira v tushke i organakh severomorskoi pikshi Melanogrammus aeglefinus (L.) v protsesse rosta i sozrevaniia gonad)  
Voprosy ikhtiologii, 12(5(76): 908-916. In Russian.

Transl. by ST for AFS, 1973, pp. 830-837 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *MR*

Metsuk, V. Ye., and V. I. Lapin 1972  
Some characteristics of lipid metabolism in two forms of  
Arctic char (Salvelinus alpinus (L.)) from Lake Asabach'ye  
(Kamchatka) (Nekotorye osobennosti shirovogo obmena dvukh  
form gol'tsov Salvelinus alpinus (L.) oz. Asabach'ego  
(Kamchatka))  
Voprosy ikhtiologii, 12(5(76): 917-922. In Russian.

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Original Article Checked *MR*

1972  
Vlasenko, M.I.  
The use of an electric current in the prophylaxis of  
diplostomatosis in fish (Elektricheskiy tok v profilaktike  
diplostomoza ryb)  
Voprosy ikhtiologii, 12(5(76)): 923-929. In Russian.

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Original Article Checked *MR*

Voprosy ikhtiologii 1972  
In memory of N.Z. Khusainova (Pamiati I.Z. Khusanovoi)  
Voprosy ikhtiologii, 12(5(76): 930-934. In Russian.

Transl. by ST for AFS, 1973, pp. 850-854 in "Journal of  
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Original Article Checked *AR*

Shikhshabekov, M.M.

1972

The annual cycle of the gonads in wild carp (Cyprinus carpio (L.)) from the Terek Delta (Godichnyi tsikl gonad sazana Cyprinus carpio L. v vodosakh del'ty Tereka) Voprosy ikhtologii, 12(5(76)): 935-938. In Russian.

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Original Article Checked. MR

Kolesnik, Yu.A.

1972

Some questions relating to growth and metabolic rate  
in animals (Nekotorye voprosy, svyazannye s rastom i  
intensivnos'iu obmena u zhivotnykh)  
Voprosy ikhtologii, 12(5(76): 938-941. In Russian.

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Original Article Checked *NR*

Tormosova, I.D.

The spawning of the North Sea haddock [~~Melanogrammus~~ <sup>1972</sup>  
~~aeglefinus~~ (L.)] in 1969 (Kharakteristika neresta pikchi  
~~Melanogrammus aeglefinus~~ (L.) Severnogo moria v 1969 g.)  
Voprosy ikhtiologii, 15(76): 942-946. In Russian.

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Original Article Checked *MR*

Yarzhombek, A.A., and H.V. Maslennikova

The dynamics of free amino acids in the embryogeny of the  
sea trout [Salmo trutta (L.)] and the beluga [Huso huso (L.)]  
(Dinamika svobodnykh aminokislot v protsesse embriogeneza  
kumzhi Salmo trutta L. i belugi Huso huso (L.)  
Voprosy ikhtiologii, 12(5(76): 946-949. In Russian.

1972

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Original Article Checked. *MR*

Tsvetkov, V.I.

The sensitivity of the loach [Misgurnus fossilis (L.)<sup>1972</sup>  
to pressure changes (Chuvstvitel'nost' v'izna Misgurnus  
fossilis (L.) k izmeneniam davlenia)  
Voprosy ikhtiologii, 12(5(76)): 950-953. In Russian.

Transl. by ST for AFS, 1973, pp. 871-874 in "Journal of  
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Original Article Checked: MK

Manteyfel', B.P.

A.G. Podubnyy "The ecological topography of fish  
populations in reservoirs" Leningrad, Nauka, 1970, 312pp.  
1972  
(Retseziia na knigu A.G. Podubnogo "Ekologicheskaiia  
topografiia populatsii ryb v vodokhranilishchakh,"  
Nauka, L., 1971, 312 str.)  
Voprosy ikhtiologii, 12(5(76): 954-955. In Russian.

Transl. by ST for AFS, 1973, pp. 875-876 in "Journal of  
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Original Article Checked *MR*

Zambriberzhoh, F.S., and M.A. Vinnikova 1972  
All-Union Ichthyological Conference on the Prospects  
for the Development of the Fish Industry in the Black Sea  
(Vsesoiuznaia ikhtiologicheskaia konferentsiia "Perspektivy  
razvitiia rybnogo khoziaistva v Chernom more")  
Voprosy ikhtiologii, 12(5(76): 956-958. In Russian.

Transl. by ST for AFS, 1973, pp. 877-879 in "Journal of  
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Original Article Checked *MR*

Issayev, A.I.

1972

The Atlantic salmon fisheries and the resources and reproduction of the Atlantic salmon (a symposium held in Murmansk, Nov. 24-26, 1971) (Promysel, syr'evye zapasy i vosproizvodstvo atlanticheskogo lososia (simposium v Murmanske 24-26 noiabria 1971 g.)) Voprosy ikhtiologii, 12(5(76): 958-960. In Russian.

Transl. by ST for AFS, 1973, pp. 880-882 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked. *MR*

Parin, N.V., and A.P. Andriyashev 1972  
Ichthyological studies during the 11th cruise of the  
R/V "Akademik Kurchatov" in the South Atlantic  
(Ichtiologicheskie raboty v 11-m reise nauchno-issledovatel'-  
skogo sudna "Akademik Kurchatov" v iuzhnoi chasti  
Atlanticheskogo okeana)  
Voprosy ichtiologii, 12(5(76)): 960-964. In Russian.

Transl. by ST for AFS, 1973, pp. 893-886 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked. *MR*

Daitriyev, N.A.

1972

On the 50th anniversary of the Azov Scientific and Fisheries Expedition headed by N.M. Knipovich (K 50-letniu Azovskoi nauchno-promyslovoi ekspeditsii N.M. Knipovicha) Voprosy ikhtiologii, 12(5(76)): 964-966. In Russian.

Transl. by ST for AFS, 1973, pp. 887-889 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per copy \$20.00, yearly subsc. (6 issues) \$80.00.

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## Voprosy Ikhtiologii

1972

Fifty years of the USSR and the development of ichthyological and biological fisheries research (50 let Soiuzu, SSR i razvitie ikhtologicheskikh i biologicheskikh rybokhoziaistvennykh issledovanii)

Voprosy ikhtiologii, 12(6(77)): 971-974. In Russian.

Transl. by ST for AFS, 1973, pp. 891-893 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Abdurakhmanov, Yu.A., and Z.M. Kuliyeu 1972  
Development of ichthyological research in the Azerbayd-  
zhanian Soviet Republic (Razvitie ikhtiologicheskikh  
issledovaniy v AzerbaydzhanskoY SSR)  
Voprosy ikhtiologii, 12(6(77): 975-982. In Russian.

Transl. by ST for AFS, 1973. pp. 894-899 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked *MT*

Dadikyan, M.O. 1972  
Development of ichthyological and fish industry research  
in the Armenian Soviet Republic (Razvitie ikhtiologicheskikh  
i rybokhoziaistvennykh issledovaniĭ Armianskoi SSR)  
Voprosy ikhtiologii, 12(6(77): 983-994. In Russian.

Transl. by ST for AFS, 1973, pp. 900-909 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked *AK*

Zhukov, P.I. 1972  
Development of ichthyological and fish industry research  
in Byelorussia (Razvitie ikhtiologicheskikh i rybokhoz/aist-  
vennykh issledovanii Belorusskoi SSR)  
Voprosy ikhtiologii, 12(6(77)): 995-1002. In Russian.

Transl. by ST for APS, 1973, pp. 910-916 in "Journal of  
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Original Article Checked *MR*

Tskhomelidze, O.I.

1972  
Development of ichthyological and fish industry research in  
Soviet Georgia (Razvitiie ikhtiologicheskikh i rybnokhoziaist-  
vennykh issledovanii v Gruzinskoj SSR)  
Voprosy ikhtiologii, 12(6(77): 1003-1009. In Russian.

Transl. by ST for AFS, 1973, pp. 916-922 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
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Original Article Checked *MR*

Amangaliyev, D.A., V.I. Yereshchenko, and 1972  
Ye.L. Markova  
Development of ichthyological and fish industry research  
in the Kazakh Soviet Republic (Razvitie ikhtiologicheskikh  
i rybnokhoziaistvennykh issledovani' v Kazakhskoi SSR)  
Voprosy ikhtiologii, 12(6(77)): 1010-1020. In Russian.

Transl. by ST for AFS, 1973, pp. 922-930 in "Journal of  
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Original Article Checked *AK*

Kemurbayev, A.O., A.P. Turdakov, and  
L.A. Poliyar

1972

Ichthyological and hydrobiological research in the Kirgiz  
Soviet Republic (Ikhtologicheskie i gidrobiologicheskie  
issledovaniia v Kirgizskoi SSR)  
Voprosy ikhtiologii, 12(6(77): 1021-1026. In Russian.

Transl. by ST for AFS, 1973, pp. 951-955 in "Journal of  
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Original Article Checked *WPK*

Mukhamediyev, A.M.

1972

Fifty years of hydrobiological and ichthyological research  
in the Uzbek Soviet Republic (hidrobiologicheskie i  
ikhtologicheskie issledovaniia vodoemov Uzbekskoi SSR za  
50 let)

Voprosy ikhtiologii, 12(6(77): 1027-1032. In Russian.

Transl. by ST for AFS, 1973, pp. 936-940 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
per oy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked MK

Vladimirov, V.I.

Development of ichthyological research in the Ukrainian  
Soviet Republic (Razvitie ikhtiologicheskikh issledovanii  
v Ukrainской SSR) 1972  
Voprosy ikhtiologii, 12(6(77): 1033-1047. In Russian.

Transl. by ST for AFS, 1973, pp. 941-953 in "Journal of  
Ichthyology" (transl. of entire issue). Avail. AFS, price  
per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *AK*

Gaygalus, K.S.

1972

Morphological and ecological characteristics, population structure and the state of the stocks of the European whitefish [Coregonus lavaretus lavaretus (L.)] in the Kurshyu-Mares (Kurisches Haff) and some aspects of fishery regulation (Morfo-ekologicheskie osobennosti, struktura populatsii, sostoianie zapasov i nekotorye voprosy regulirovaniia promysla morskogo сига Coregonus lavaretus lavaretus (L.) v zalive Kurshiu Mares) Voprosy ikhtiologii, 12(6(77): 1048-1056. In Russian.

Transl. by ST for AFS, 1973, pp. 953-961 in "Journal of Ichthyology" (transl. of entire issue). Avail. AFS, price per cy. \$20.00, yearly subsc. (6 issues) \$80.00.

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Original Article Checked *MR*

Popova, V.P. 1972  
Characteristics of the reproductive biology of the Black  
Sea turbot [Scophthalmus maoticus maoticus (Pallas)]  
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maoticus (Pallas) (nabliudenii v more)  
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Commercial return of the eel [Anguilla anguilla (L.) from  
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opredelivayushchie ego faktory)  
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development stages in bodies of water of the Arakum  
(Terek River delta) (Pitanie molodi sazana Cyprinus carpio  
L. v Arakumskikh vodoemakh (del'ta r. Terek) na rannyykh  
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Original Article Checked *llk*

Pivazyan, S.A.

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lavaretus ludoga (Poliakow)] (Pitanie i pishchevye  
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Coregonus lavaretus ludoga Poliakov oz. Sevan)  
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Original Article Checked *MP*

Tat'yankin, Yu.V.

Distribution of juvenile cod [Gadus morhua morhua (L.)],  
pollock [Pollachius virens (L.)] and haddock [Melanogrammus  
aeglefinus (L.)] under temperature gradient conditions  
(Rasprdelenie moidi treski Gadus morhua morhua L., saidy  
Pollachius virens L. i pikshi Melanogrammus aeglefinus  
L. v termogradientnykh usloviyakh)  
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Ipatovos Pseudoscaphirhynchus fedtschenkoi (Kessler) r.  
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molody sudaka Lucioperca lucioperca (L.) i tarani Rutilus  
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