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A Bibliography  
of the Eels  
of the Genus Anguilla

by J. Geoffrey Eales

FISHERIES RESEARCH BOARD OF CANADA

TECHNICAL REPORT NO. 28

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This is the eighth FRB Technical Report from the  
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A BIBLIOGRAPHY OF THE EELS

OF THE GENUS ANGUILLA

by

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FISHERIES RESEARCH BOARD OF CANADA

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(ii)

KEY

- A - American eel (A. rostrata)
- E - European eel (A. anguilla)
- J - Japanese eel (A. japonica)
- O - Other Anguilla species
- \* - Since most original articles were not consulted the exact species of the genus Anguilla referred to was not always known. The asterisk denotes some uncertainty concerning the species stated as A, E, J or O.
- ? - Believed to pertain to the genus Anguilla but species unknown.

This bibliography was prepared as a companion to J. Geoffrey Eales', **EEL FISHERIES OF EASTERN CANADA**, which will be available in early 1968 from the Queen's Printer, Ottawa, as a Bulletin of the Fisheries Research Board of Canada.

ANONYMOUS

- AE \* 1926 Danish 'Dana' Expeditions 1920-1922 in the North Atlantic and the Gulf of Panama. Oceanographical Reports. Gyldenalske Bog-handel. 2 vols.
- AE \* 1928 The 'Dana' Expedition. Nature (London) 122: 999-1001.  
1/
- E 1929 Der Bezug englischer Aalbrut im Jahre 1929. Der Fischerbote 21:182-183.
- E 1932 Tralfiske efter al. Ny Svensk Fiskeritidskrift 3:30-33.
- AE \* 1932 The 'Dana' Expedition of 1928-1930. Nature (London) 129:889-892.
- E 1934 Statistics of salmon, sea trout and eels captured in each of the years 1927, 1929, 1931. Dep. Agr., Fish. Branch, Dublin.
- E 1937 Statistics of salmon, sea trout and eels captured during the years 1935, 1933, 1931, 1929, 1927. Dep. Agr., Fish. Branch, Dublin.
- E 1938 Statistics of salmon, sea trout and eels captured during each of the years 1937, 1935, 1933, 1931, 1929, 1927. Dep. Agr., Fish. Branch, Dublin.
- E 1939 Eel Fisheries. Ministry Agr. Fish., Food, Whitehall Place, London S.W.1. 7p.
- E 1943 Statistics of salmon, sea trout and eels captured during each of the years 1927, 1929, 1931, 1933, 1935, 1937, 1939, 1941, 1943. Dep. Agr., Fish. Branch, Dublin.
- E 1946 Statistics of salmon, sea trout and eels captured during each of the years 1945, 1943, 1941, 1939, 1937, 1935. Dep. Agr., Fish. Branch, Dublin.
- E 1947 Statistics of salmon, sea trout and eels captured during each of the years 1946, 1945, 1943, 1941, 1939, 1937. Dep. Agr., Fish. Branch, Dublin.

- E 1948 Statistics of salmon, sea trout and eels captured during each of the years 1939, 1941, 1943, 1945, 1946, 1947. Dep. Agr., Fish. Branch, Dublin.
- E 1949 Statistics of salmon, sea trout and eels captured during each of the years 1948, 1947, 1946, 1945, 1943, 1941. Dep. Agr., Fish. Branch, Dublin.
- E \* 1949 Eels and their environment. Nature (London) 163:55.
- E 1950 Report on the sea and inland fisheries for the year 1949. Dep. Agr., Fish. Branch, Dublin.  
1/
- E 1951 Can eels travel over dry land? Fishing Gazette, Beckenham 133:614.
- E 1951 Many like them smoked. Fishing Gazette 68 (11, 39A):74.
- E 1952 Canning of small eels (in Portugese). Conservas de Peixe 7 (74):15-17.  
1/
- E O 1955 Answers to inquiries - smoked eels. CSIRO Food Preservation Quarterly 15 (2):36-37.
- E 1955 Canning of elvers (in Spanish). Industria Conservera 21 (193):182-184.
- E 1956 Live eels by the million. Fish Trades Gazette 3833:19.
- E 1957 Der Einfluss der Wassertemperatur auf den Übergang des Gelbaales zum Blankaal. Fischereiwelt 9 (11):99.
- E 1957 The Wye River Board area (eels and elvers) order. (U.K. Laws, Statutes, etc.). Statutory Instr. 604.
- O 1958 Fishery Statistics, Thailand. Fish News, Bangkok 11 (1):129-132.
- 1/ See Appendix

- E 1959 Experimental fishing for eel in north Norway during autumn 1958. Aarsberetn. Norg. Fisk. 1958 (9):71-76.
- E \* 1959 The changing eye of an eel. New Scientist 6: 325-326.
- E 1959 Capture of eels. Fish. Notice, Ministry Agr., Soho Sq., London, W.1. 89372 (9):18p.
- E 1959 Eels! Eels! Alive-0! Shell - BP News 138: 12-13.
- E 1959 Polish fish exports. Polish Marit. News 2 (7): 13-14.
- E \* 1959 Terrifying substance. New Scientist 6 (148): 471.
- E 1959 Occurrence of the cauliflower disease in the eel. Fischwirt 9 (3):79.
- O 1960 Marine Department. Rep. Fish. New Zeal. 1959: 40p.
- E 1960 The eel fishery in Lake Alaotra and Lake Itasy. CCTA/CSA. Hydrobiology and inland fisheries. Symposium on problems of major lakes, Lusaka, 18-24, August 1960. CCTA/CSA. Lakes 60 (34):7p.
- A 1960 Order in council P.C. 1960 - 1506 to amend the Nova Scotia fishery regulations made under the Fisheries Act, 3 Nov. Can. Gazette II (16):1427.
- A 1960 Order in council P.C. 1960 - 1092 amending the Nova Scotia fishery regulations pursuant to the Fisheries Act, 11 Aug. Can. Gazette II (16):1165.
- A 1960 Eels.... an export of Quebec. Trade News 1960 (Oct.):4p.
- O 1961 Eel fishing (not actual title). Rep. Secretary Fish., New South Wales Parliament 1960:30p.
- O 1961 Fish atlas of the Italian coasts. Mondo sommerso 3 (6).

- E 1961 Fishery cards of eel and sword fish. France Peche 6 (54):37-38.
- E 1962 Each lorry load is worth £10,000: Marketing live eels is a highly skilled business. Leyland J. 22 (3):161-164.
- E 1962 Memorandum for submission to the fishery advisory committee on suggested amendments to the existing laws governing the management and protection of eel fisheries, in Northern Ireland. Toome Eel Fishery (N.I.) Ltd., Toomebridge, Co. Antrim. Northern Ireland. 6p.
- A 1/ 1963 The eel fishery in the Maritime Provinces. Economics Branch, Dep. Fish., Halifax, Nova Scotia, 10p.
- E 1963 Order No. 23 concerning an increase of minimum size for eel in all fresh waters flowing into Limfjord. (Denmark, Laws). Lovitidende A 3:26.
- E 1963 Report of the members of the Canadian Frozen Fish Trade Mission to Britain, France, West Germany, and Italy Sept. 28-Nov. 1, 1962. Dep. Trade Commerce, Ottawa. 6p.
- A 1964 Eel catches declining rapidly (Lake Ontario). Canadian Fisherman 1964:1p.
- O 1964 Scope for smoked eel. Fisheries Newsletter 23:16-17.
- E 1966 Die aalwirtschaft in der Bundesrepublik Deutschland. Möglichkeiten ihrer intensivierung (in German). Inform. Fischw. 13 (3):110-111.
- A \* ? The life cycle of the fresh-water eel. Ohio Dep. Agr., Div. Conservation, Bur. Sci. Res., Contr. 25.
- 1/ See Appendix

- E ADRIAN, E.D., K.J.W. CRAIK, and R.S. STURDY  
1938 The electrical response of the auditory  
mechanism in cold-blooded vertebrates. Proc.  
Roy. Soc. London, Ser. B, 125:435-455.
- E AGNESOTTI, A.  
1932 Morphology and genesis of blood in the young  
of eel and trout. Arch. Zool. Ital. 17 (3/4):  
289-321.
- O\* ALDABA, V.C.  
1931 The dalag fishery of Laguna de Bay. Philippine  
J. Sci. 45 (1):41-59.
- O\* ALFRED, E.R.  
1963 Notes on a collection of freshwater fishes  
from Penang. Bull. Nat. Mus. Singapore 32:  
143-154.
- O ALLEN, K.R.  
1961 Relations between Salmonidae and the native  
freshwater fauna in New Zealand. Proc. New  
Zeal. Ecol. Soc. 8:66-70
- E ALM, G.  
1932 Alyngeltillgang och alyngelinplanteringar.  
Ny Svensk Fiskeritidskrift 1:2-5.
- E \* ANANIADIS, C.  
1951 A preliminary survey of the Haghios Vassilius  
Lake. Praktika Hellenic Hydrobiol. Inst. 5  
(2):25-71.
- J ARASAKI, S., K. NOZAWA, and M. MIYAKO  
1958 On the pathogenetic water mold. I. (English  
summary). Bull. Jap. Soc. Sci. Fish. 23:  
534-548.
- E ARGAUD, R. and H. DUBOUCHER  
1922 Sur la tunique pancréatique de la vésicule  
bilaire chez *A. vulgaris*. Bul. Soc. Hist.  
Nat. Alger. 13:144-146.

- E ARGAUD, R. and J.K. GAN  
1945 Sur l'inclusion de minuscules pancréas accessoires dans l'épaisseur même de la paroi de la vésicule biliaire chez A. vulgaris Cuv. Bull. Mus. Hist. Nat. Paris 17 (2): 466-470.
- E ARNE, P.  
1931 La Pêche des civelles dans le sud-ouest de la France. Pêche Maritime, Pêche Fluviale, Piscicult 14:1089-1090, 1109-1110.
- E ARVY, L.  
1955 Distribution of phosphatase and lipase activities in some Teleosts. Compt. Rend. Ass. Anat. 41 (86):836-842.
- E ARVY, L., M. FONTAINE, and M. GABE  
1954 Action des solutions salines hypertoniques sur la système hypothalamo-hypophysaire, chez Phoxinus laevis Agass. et chez A. anguilla L. Compt. Rend. Soc. Biol., Paris 148: 1759-1761.
- E 1955 Action des solutions salines hypertoniques sur la neurosecretion hypothalamique chez l'Anguille hypophysectomisée. Compt. Rend. Soc. Biol., Paris 149:225-228.
- E ATHANASSOPOULOS, G.  
1921 Quelques observations sur les civelles (jeune anguilles, cieche d'anguilla, Glass-Aalen). Bull. Inst. Océanogr. Monaco 383:8p.
- E 1924 Sur la disparition rapide des civelles. Bull. Inst. Océanogr. Monaco 442:2p.
- E 1927 Migration of eels in Greece. Compt. Rend. Acad. Sci., Paris 184 (5):305.
- E 1928 On the limited ascent of elvers in the eastern part of the Mediterranean. Compt. Rend. Acad. Sci., Paris 185 (13):894-896.
- E 1936 Sur la montée des civelles dans la Méditerranée orientale. Bull. Inst. Océanogr. Monaco 692:3p.

ATHANASSOPOULOS, G. (continued)

- E 1936 Sur un centre de concentration et de reproduction des poissons de mer dans les eaux helléniques. Bull. Inst. Océanogr. Monaco 693.
- E 1936 Sur un fait curieux de la montée d'Anguille. Bull. Inst. Océanogr. Monaco 697:7p.
- E 1936 Encore sur la montée des civelles en 1936. Bull. Inst. Océanogr. Monaco 710:16p.
- E 1936 Sur la montée des civelles. Compt. Rend Acad. Sci. Paris 202:1204-1206.
- E 1937 Biologie de l'Anguille. Civelles inanitierées. Int. Rev. Hydrobiol. Leipzig 36 (1-2):213-215.
- E 1937 Sur la biologie de l'Anguille. Espèces de montée des Civelles. Int. Rev. Hydrobiol. Leipzig 36 (1-2):216-217.
- E 1937 Sur une épidémie des civelles et anguilles. Int. Rev. Hydrobiol. Leipzig 36 (1-2):218-222.
- E 1937 Sur la biologie de l'Anguille. Encore sur la montée des Civelles en 1936. Int. Rev. Hydrobiol. Leipzig 36 (1-2):223-224.
- E 1937 Petites Anguilles inanitierées. Int. Rev. Hydrobiol. Leipzig 36 (1-2):225.
- E 1937 Civelles inanitierées. Bull. Inst. Océanogr. Monaco 714:20p.
- E 1937 Petites anguilles inanitierées. Bull. Inst. Océanogr. Monaco 715:2p.
- E 1937 Espèces de montées de civelles. Bull. Inst. Océanogr. Monaco 716:2p.
- E 1937 Sur la montée des Civelles dans la Méditerranée orientale. Int. Congr. Zool. Lisboa 12:2165-2169.
- E 1937 Sur un centre de reproduction de poissons dans les mers helléniques. Int. Congr. Zool. Lisboa 12:2170-2174.

- E ATHANASSOPOULOS, G. (continued)
- E 1938 Sur la montée d'anguille en 1936-1937.  
Bull. Inst. Océanogr. Monaco 757.
- E 1954 Observations suivies sur la montée en Grèce.  
Univ. Thessaloniki.
- E AUST, S.
- E 1936 Die Epidermis von Anguilla vulgaris F.  
während seiner Entwicklung. Zool. Jahrb.  
Abt. Anat. Ontog. 62 (1):1-44.
- E AZZALI, G.
- E 1953 Researches on the neurosecretion in the common  
eel, Anguilla anguilla. Monit. Zool. Ital.  
60 (1/12):50-60.

- A BACKUS, R.H.  
1957 Fishes of Labrador. Bull. Amer. Mus. Nat. Hist. 113 (4):298.
- E BAHR, K.  
1957 Intensifying eel catching by electrofishing (in German). Fischwirt 7 (3):63-65.
- A BALDWIN, N.S. and R.W. SAALFELD  
1962 Commercial fish production in the Great Lakes 1867-1960. Tech. Rep. Great Lakes Fish. Comm. 3:166p.
- E BALL, J.N. and P.N. COWEN  
1959 Urethane as a carcinogen and as an anaesthetic for fishes. Nature (London) 184:370.
- E BALL, J.N. and MADELEINE OLIVEREAU  
1966 Identification of ACTH cells in the pituitary of 2 teleosts, Poecilia latipinna and A. anguilla: Correlated changes in the interrenal and in the pars distalis resulting from administration of metopirone. Gen. Comp. Endocrinol. 6 (1):5-18.
- E BALOZET, L. and M. SICART  
1960 A hemiurid parasite of the eel. Arch. Inst. Pasteur Alger. 38 (1):44-49.
- E BARCLAY, M.  
1928 Alen og Alefisket. Arsveret. vedr. Norges Fisk. 3.
- O BARNARD, K.H.  
1943 Revision of the indigenous freshwater fishes of the S.W. Cape Region. Ann. S. Afr. Mus. 36 (2):101-262.
- ? 1953 Migration of freshwater eels. Piscator 7:8-9.
- ? 1953 Silver eels. Piscator 7:71.
- E BARTELS, W.  
1922 Zur Kenntnis der mikroskopischen Anatomie von Leptocephalus brevirostris im Vergleich zum jungen Flussaal. Jenaische Zs. Watw. 59:319-368.

- BATEMAN, J.B. and A. KEYS
- E \* 1932 Chloride and vapour-pressure relations in the secretory activity of the gills of the eel. *J. Physiol.* 75 (2):226-240.
- E \* 1933 Respiration of isolated gill tissue of the eel. *J. Physiol.* 77 (3):271-286.
- BAUDELOT, E.
- E 1873 Recherches sur la structure et le développement des écailles des poissons osseux. *Arch. Zool. Exp.* 1873 (1-4).
- BAUMGARDT, E.
- E 1961 Comment s'orientent anguilles et saumons dans leurs migrations de milliers de kilomètres. *Nature (Paris)* 3318:428-437.
- BAYLIS, H.A.
- ? 1934 A little-known nematode parasite of the eel. *Ann. Mag. Nat. Hist.* 13 (74):235-240.
- BEAN, B.A.
- A 1909 The proper name of the American eel *Anguilla rostrata* (Le Sueur). *Science (New York)* 29: 871-872.
- BEATTY, S.A.
- A 1939 Studies of fish spoilage. III. The trimethylamine oxide content of the muscles of Nova Scotia fish. *J. Fish. Res. Bd. Canada* 4 (4): 229-232.
- BEAULIEU, G.
- A 1962 Fishing eels? *Actualités Mar.* 6 (1):25-32.
- BEDDINGTON, R.
- E 1951 Concerning *Anguilla vulgaris*. Salmon and Trout 131:22-27.
- BEEBE, W.
- ? 1942 Embryology of a deep-sea eel. *Proc. Eighth Amer. Sci. Congr.* 3:295-296.
- BEEBE, W. and J. TEE-VAN
- A 1934 American fresh-water eels in Bermuda. *Bull. New York Zool. Soc.* 37 (6):181-183.

- BELL, A.L.
- ? 1965 The fine structure of the iris of the eel.  
J. Cell. Biol. 27 (2):9A-10A.
- BELLAMY, D.
- E 1961 Movements of potassium, sodium and chloride  
in incubated gills from the silver eel. Comp.  
Biochem. Physiol. 3:125-135.
- BELLAMY, D. and I.C. JONES
- E 1961 An apparatus for studying the gain and loss  
of electrolytes by the eel. Comp. Biochem.  
Physiol. 3:223-226.
- BELLINI, A.
- E 1907 Expérience sur l'élevage de l'anguille en  
stabulation à Comacchio. Bull. Soc. Centr.  
Aquicult. Pêche 27:81,141,186,215.
- E \* 1908 Riproduzione e metamorfosi dell'Anguilla nell'  
'Oceano atlantico. Riv. Pesca, Milano 10:5-17.
- E \* 1910 Aalzucht-Versuche. Z. Fischerei 15:136-181.
- BELLOTTI
- O 1888 Anguilla kieneri, Kaup. Atti Soc. Ital.  
31:226.
- BENNETT, M.V.L.
- ? 1966 A comparative study of neuronal synchronization  
(eel, catfish). Proc. 1st Int. Symp: The  
Thalamus, Columbia Univ. Press, N.Y. p. 173-181.
- BERG, L.S.
- E 1926 Sur la distribution de l'anguille (A. anguilla  
L.) dans les eaux de la Russie (in Russian).  
Ann. Mus. Zool. Acad. Sci. Petrograd 21:343-346.
- BERG, T. and J.B. STEEN
- ? 1965 Physiological mechanisms for aerial respiration  
in the eel. Comp. Biochem. Physiol. 15:469-484.
- ? 1966 Regulation of ventilation in eels exposed  
to air. Comp. Biochem. Physiol. 18 (3):  
511-516.

- E BERGMANN, A.M.  
1909 Die rote Beulenkrankheit des Aals. Ber.  
Bayer. Biol. Vers Sta. 2:10-54.
- E BERNARDI, C.  
1943 Correlazioni tra ipofisi, tiroide e gonadi  
nelle anguille gialle le argentine. Atti  
1st Veneto Sci. Lett. Arti. 52:677.
- E 1948 Correlazioni dell'ipofisi e della tiroide  
con lo stato di maturazione delle gonadi nelle  
Anguille gialle e argentine. Riv. Biol. 40:  
186-228.
- E BERNDT, O.  
1938 Morphologie und Histologie des Rumpfdarmes  
von Anguilla fluviatilis und die Veränderungen  
dieselben im Individualzyklus. Zool. Jahrb.  
Abt. Anat. Ont. 64 (4):347-510.
- E \* BERNHAUSER, A.  
1954 On the signification of bone-structures of  
Teleostes as adaptations. Oesterreich. Zool.  
5 (1/2):1-14.
- ? BERRY, E.G., M.O. NOLAN and J.O. GONZALEZ  
1950 Field tests of molluscicides against Austra-  
lorbis glaberrimus in endemic areas of  
schistosomiasis in Puerto Rico. Publ.  
Health Rep. 65 (30):939-950.
- E \* BERTIN, L.  
1926 The eel in fresh water. Nature (Paris) 2746:  
323-327.
- ? 1926 Migrations of the anus during ontogenesis  
in apode fishes. Bull. Soc. Zool. France 52  
(4):327-344.
- E \* 1935 Les types de Kaup dans la collection des  
Leptocephales du Museum. Bull. Mus. Nat.  
Hist. Nat. Paris 7 (2):99-106.
- E 1935 Exposés de biologie zoologique. Migrations  
et métamorphoses de l'Anguille d'Europe.  
Paris. 57p.

- BERTIN, L. (continued)
- E \* 1936 Contributions à l'étude des larves de Poissons Apodes (Les types de stromman à l'Institut zoologique de l'Université d'Uppsala). Bull. Inst. Océanogr. Monaco 694.
- E \* 1936 Nouvelle contribution à l'étude des Larves de Poissons Apodes. Bull. Inst. Océanogr. Monaco 706.
- AE \* 1938 Formes nouvelles et formes larvaires de poissons Apodes appartenant au sous-ordre der Lyomeres. Carlsberg Foundation Oceanogr. Exped. round the World 1928-30 and previous "Dana" expeditions, "Dana" Rep. 15.
- AEJO 1951 Les Anguilles. Payot, Paris 218p.
- ? 1954 Les larves leptocephaliennes géantes et le problème du "serpent de mer". Nature (Paris) 3232:312-313.
- AEJO 1956 Eels: A Biological Study. Cleaver-Hume Press Ltd., London 192p.
- BIETER, R.N.  
? 1931 Albuminuria in glomerular and aglomerular fish. J. Pharmacol. Exp. Therapeut. 43 (3): 407-412.
- BIGELOW, H.B. and W.C. SCHROEDER  
A 1953 Fishes of the Gulf of Maine. Fish. Bull. Fish Wildlife Serv. 53:150-160.
- BISHOP, W.L.  
A \* 1906 Eels in water pipes, and their migration. Proc. Trans. Nova Scotia Inst. Sci. 11: 640-650.
- BISHOP ?  
A \* 1936 Eels are omnivorous and not so serious a game predator. (Not actual title). Suppl. 25th Ann. Rep. N.Y. Cons. Dep. (1935):122-139.
- BLANCHARD, E.  
E 1866 Les poissons des eaux douces de la France. Anatomie, Physiologie, Description des espèces, Moeurs, Instincts, Industrie, Commerce, Resources alimentaires, Pisciculture, Legislation concernant la pêche. Paris 656p.

- E BLANCHARD, E. (continued)
- E 1889 Suggests experiments on the mode of life of the eel on the French coasts. Compt. Rend. Acad. Sci. 109:169.
- E BLAXTER, J.H.S. and B.B. PARRISH
- E 1958 The effect of artificial lights on fish and other marine organisms at sea. Mar. Res. 2:24.
- BLEEKER, P.
- ? 1864 *Systema Muraenorum revisum*. Nederl. Tydschr. Dierk. 1864:113-122.
- ? 1864 *Synonyma Muraenorum Indo-Archi pelagicorum hucusque observatorum revisa, adjectis habitationibus citationibusque ubi descriptiones figuraeque eorum recentiores reperiuntur*. Nederl. Tydschr. Dierk. 1864:123-136.
- BLOCH, F.
- E 1942 The Danube fishery in Austria. Allg. Fischerei Z. 67 (2):19-22.
- BOBIN, GENEVIEVE
- E 1949 Images histocytologiques des corpuscules de Stannius de l'anguille européenne. Arch. Zool. Exp. Gen. 86 (1):1-40.
- BOETIUS, J., I. BOETIUS, A.M. HEMMINGSEN, F. BRUUN and E. MØLLER-CHRISTENSEN
- AE 1962 Studies of ovarian growth induced by hormone injections in the European and American eel (*Anguilla anguilla* L. and *Anguilla rostrata* Le Sueur). Medd. Denmarks Fisk. Havundersøg. 3 (7/12):183-198.
- BOHLKE, J.
- A \* 1956 A small collection of new eels from western Puerto Rico. Notulae Naturae 289:1-13.
- BOHUN, SHEILA and H.E. WINN
- A 1966 Locomotor activity of the American eel, *Anguilla rostrata*. Chesapeake Sci. 7 (3): 137-147.
- BOLAU, H.
- E 1881 *Anguilla vulgaris*. Notes on a yellow variety, or albinism. Arch. Nat. 47:136-139.

- BORISOV, P.
- E \* 1959 Observations on migrations. Ann. Biol. Copenhague 14:102.
- BORODIN, N.A.
- E \* 1934 The anabiosis or phenomenon of resuscitation of fishes after being frozen. Zool. Jahrb. Abt. Allg. Zool. Physiol. 53 (3):313-342.
- BOROVIK, A.I.
- E \* 1962 Biology of the eel. (In: Biology of the inland waters of the Baltic area. Akad. Nauk SSSR Moscow-Leningrad:116-119) (Referat. Zhur. Biol. 1962, No. 20147 (Translation)).
- BOROVIK, E.A.
- E \* 1961 Infectious edema in freshwater eels. Dokl. Akad. Nauk Belorussk. SSR 5 (10):478-480. (Referat. Zhur. Biol. 1962, No. 9188. (Translation)).
- BOROVIK, E.A. and S.V. KOKHNENKO
- E \* 1962 Eel dropsy in fresh waters (with Estonian and German summaries). Hydrobiol. Res. 3:287-291. (Referat. Zhur. Biol. 1963, No. 151112 (Translation)).
- BORRI, C.
- E 1930 Equilibrio e moto dei Vertebrati aquatici anguilliformi. Atti Soc. Tosc. Sci. Nat. Mem. 40:42-50.
- BOUCHER-FIRLY, S.
- E 1933 Le glutathion chez l'anguille et le congre. Les rapports avec les phénomènes respiratoires. Comp. Rend. Soc. Biol. Paris 112 (13):1291-1293.
- E 1934 Sur la teneur en protéines du serum d'Anguille et de Congre et ses variations au cours des changements de salinité. Compt. Rend. Soc. Biol. Paris 115 (9):952-954.
- E 1935 Recherches biochimiques sur les Téléostéens Apodes. Ann. Inst. Océanogr. 15:217-327.

- E BOUCHER-FIRLY, S. and M. FONTAINE  
1933 Rapports existant entre quelques stades de développement de l'anguille et le point de congélation de son sérum lors du passage en eau de mer. Compt. Rend. Soc. Biol. Paris 112 (5):462-464.
- E 1934 Sur la maturation provoquée des organes génitaux de l'Anguille. Compt. Rend. Soc. Biol. Paris 116 (27):1284-1286.  
1/
- E BOURY, M.  
1952 Preparation des conserves de civilles (Preparation of canned young eels). La revue de la conserve 1952:77-78.
- E BOWMAN, A.  
1912 The distribution of the larvae of the eel in Scottish waters. Scottish Fish. Sci. Invest. 2:1-11.
- E BRAMSNAES, F.M.J. and C.V. OTTERSTROM  
1942 Barriers against fish by means of electricity or veils of air. Rep. Danish Biol. Sta. 47: 39-46.
- E BRANDT, A. Von  
1953 Experience with eel traps made of perlon. Allg. Fisch. 78 (13):283.
- E 1956 Eel fyke nets made of perlon monofilament and platil (in German). Arch. Fisch. 7 (1):82-94.
- E 1956 Increase of yield with eel fyke nets in lake fisheries. Fischwirt 6 (12):337-341.
- E 1957 Eel catching in lakes. Allg. Fisch. Zeit. 82:301-305.
- E BRAUTIGAM, R.  
1958 On the reaction of shrimps and eels to electric light. Fischereiforschung 1 (3):16-17.
- E 1960 Investigation into the relative body voltage and current intensity stimulating the eel in water of different salt contents. Fischereiforschung 3 (3):3-6.

1/ See Appendix

- E BRAUTIGAM, R. (continued)
- E 1962 Anwendungsmoglichkeiten von Lichterkeiten zur Intensivierung und des Blankaalfanges. Z. Fischerei 10 (8-10):643-652.
- E 1962 Intensification of fishery for migrating eel with barrier light chains and conditions for commercial application (in German). Fischereiforschung 5 (6):8-15.
- BREDER, C.M. and R.F. NIGRELLI
- ? 1934 The penetration of a grouper's digestive tract by a sharp-tailed eel. Copeia 1934:162-164.
- BREHM, O.
- E 1931 Rückgang des Aalbestandes der Elbe. Fischerbote 23:331-332.
- BRINLEY, F.J. and R.E. BOWEN
- A 1935 Some feeding habits of the common eel A. bostoniensis. Copeia 1935:140.
- BRISOU, J., C. TYSSET, A. JACOB and L. VALETTE
- E \* 1960 Contribution to the study of two microorganisms of the genus Flavobacterium saprophytic on the fresh water eel. Arch. Inst. Pasteur Alger. 38 (4):500-509.
- BROCK, J.
- ? 1881 Untersuchungen über die Geschlechtsorgane einiger Muraenoiden. Mitt. Z. Sta. Neapel 2:415-494.
- BROEK, C.J.H. Vanden
- E 1948 Investigations into the bactericidal action of smoke in smoking eels. Publicatie 72 Centraal Instituut voor Voedingsonderzoek, T.N.O., Utrecht, Netherlands (in Dutch with English summary). 119p.
- BRUEMMER, F.
- A 1965 Slippery Harvest. Star Weekly, Toronto, Sept. 11:36-38.
- BRUHL, L.
- E \* 1933 Über die Ursachen der Glasaaal-Wanderungen. Allg. Fisch. Zeit. 2:21-23.

- BRUHL, L. (continued)
- E \* 1933 Über die Ursachen der Glasaaal-Wanderungen.  
Allg. Fisch. Zeit. 3:36-39.
- E \* 1933 Neues von der "Rotseuche" des Aals.  
Fischmarkt 1:299.
- BRUMMERSTADT, M.
- E \* 1956 Ring meshes of fyke net type fishing gear.  
Deut. Fisch. Zeit. 3 (7):201-204.
- BRUNDIN, L.
- E 1939 Results of fish planting in Swedish lakes in  
the years 1917-1935. Kungl. Lantbruksstyrelsen  
Meddel. 16:1-41.
- BRUUN, A.F.
- AEJO 1934 The life and work of Professor Johannes Schmidt.  
Riv. Biol. Firenze 16 (1):1-22.
- AE \* 1963 The breeding of the North Atlantic freshwater  
eels. Advan. Mar. Biol. 1:137-169.
- BRUUN, A.F. and B. HEIBERG
- E 1932 The "red disease" of the eel in Danish waters.  
Medd. Komm. Danmarks Fisk. Havundersøg.  
Swed. Fisk. 9 (6):1-19.
- E 1935 Weitere Untersuchungen über die Rotseuche des  
Aals in den dänischen Gewässern. Z. Fisch.  
33:379-382.
- BRUUN, A.F., A.M. HEMMINGSEN and E. MOLLER-CHRISTENSEN
- E 1949 Attempts to induce experimentally maturation  
of the gonads of the European eel, Anguilla  
anguilla L. Acta Endocrinol. 2 (3):212-226.
- BUCKOW, F.
- E 1955 Spear fishing for eels (in German). Deut.  
Fisch. Zeit. 2 (5):133-135.
- BUGLIA, G.
- E 1917 Osservazioni intorno alla vitalità ed alla  
pressione osmotica delle giovani anguille  
ancora trasparenti (cieche). Pisa Atti Soc.  
Tosc. Sc. Nat. 31:102-119.

- BUGLIA, G. (continued)
- E 1917 Sull' azione tossica che gli estratti acquosi del corpo delle giovani anguil e ancora transparenti (cieche) esercitano sul sangue. Pisa Atti Soc. Tosc. Sc. Nat. 31:168-195.
- E 1919 Ricerche sulla natura del veleno dell'anguilla. I. L'ittiotossico e termostabile. Atti Acc. Lincei Roma 28 (2):54-58.
- E 1923 Recherches sur la nature du venin de l'anguille. VII. -De la substance qui hemolyse le sang. Arch. Ital. Biol. Pise 72:81-93.
- BUGLIA, G. and G. BARBIERI
- E 1923 Pourquoi le venin de l'anguille introduit par voie gastrique n'est pas toxique. Arch. Ital. Biol. Pise 72:116-126.
- BULL, H.O.
- E 1928 Studies on conditioned responses in fishes. Part 1. J. Mar. Biol. Ass. U.K. 15 (2): 485-533.
- BULLA, P.
- ? 1950 Riddle of the seas. Audubon Mag. 52 (6): 356-361.
- BURNET, A.M.R.
- O 1952 Studies on the ecology of the New Zealand freshwater eels. I. The design and use of an electric fishing machine. Austral. J. Marine and Freshwater Res. 3 (2):111-125.
- O 1952 Studies on the ecology of the New Zealand long-finned eel, Anguilla dieffenbachii Gray. Austral. J. Marine and Freshwater Res. 3 (1): 33-63.
- O\* 1959 Some observations on natural fluctuations of trout population numbers. New Zeal. J. Sci. 2 (3):410-421.
- BUTLER, D.G.
- E 1965 Adrenocortical steroid production by the interrenal tissue of the fresh-water European silver eel (A. anguilla) and the marine eel (Conger conger) in vitro. Comp. Biochem. Physiol. 16:583-588.

- E BUTLER, D.G. (continued)  
1966 Effect of hypophysectomy on osmoregulation  
in the European Eel (Anguilla anguilla L.)  
Comp. Biochem. Physiol. 18:773-782.
- E BUTSCHEK, V. AND J. HOFBAUER  
1956 Versuche über die Schadigung von Aalen durch  
Kaplan-turbinen. Arch. Fischereiwiss. 7 (2):  
178-184.
- E BYCZKOWSKA-SMYK, WANDA  
1958 The respiratory surface of the gills in  
teleosts. II. The respiratory surface of the  
gills in the eel (Anguilla anguilla L.), the  
loach (Misgurnus fossilis L.) and the perch-  
pike (Lucioperca lucioperca L.). Acta Biol.  
Cracoviensia. Ser. Zool. 1 (3):83-97.

- CABLE, R.M. and A.V. HUNNINEN  
? 1942 Studies on Deropristis inflata (Molin), its life history and affinities to trematodes of the family Acanthocolpidae. Biol. Bull. 82 (2):292-312.
- CAIRNS, D.  
O 1941 Life-history of the two species of New Zealand freshwater eel. I. Taxonomy, age and growth, migration, and distribution. New Zeal. J. Sci. Tech. 23 (2B):53B-73B.
- O 1942 Life history of the two species of New Zealand freshwater eel. Part II. Food and inter-relationship with trout. New Zeal. J. Sci. Tech. 23:132B-148B.
- O 1942 Life-history of the two species of freshwater eel in New Zealand. III. Development of sex. Campaign of eel destruction. New Zeal. J. Sci. Tech. 23:173B-178B.
- O 1950 New Zealand freshwater eels. Tuatara, Wellington, New Zeal. 3:43-52.
- CALDERWOOD, W.L.  
E 1893 Note on the capture of a freshwater eel in a ripe condition. Ann. Nat. Hist. 6 (12):35.
- CALLAMAND, ODETTE  
E 1941 Euryhalinity and stability of the blood pH among fish. Bull. Inst. Océanogr. Monaco 799:7p.
- E 1943 L'Anguille européenne (A. anguilla L.). Les bases physiologiques de sa migration. Ann. Inst. Océanogr. Paris 21:361-438.
- E 1949 Aptitude de l'anguille (Anguilla anguilla L.) à former des antitoxines. Rapports possibles avec les mystères de sa reproduction. Bull. Mus. Nat. Hist. Nat. Paris 21 (5):512-515.

- CALLAMAND, ODETTE and M. FONTAINE  
E 1940 La chlorémie de l'Anguille femelle au cours de son développement. Compt. Rend. Acad. Sci. Paris 211:298-300.
- E 1940 Sur le déterminisme biochimique du retour à la mer de l'Anguille femelle d'avalaison. Compt. Rend. Acad. Sci. Paris 211:357-359.
- E 1942 L'activité thyroidienne de l'Anguille au cours de son développement. Arch. Zool. Exp. Gen. 82 (3):129-135.
- CAMPBELL, R.N.  
E 1955 Food and feeding habits of brown trout, perch and other fish in Loch Tummel. Scottish Nat. 67:23-28.
- CAMUS, L. and E. GLEY  
E 1912 Recherches sur l'action physiologique des ichthyotoxines, Masson, Paris.
- E 1929 La relation entre la toxicité du sérum d'anguille et son action globulicide. Compt. Rend. Soc. Biol. Paris 101:866-867.
- CANESTRINI, G.  
? 1872 Review of Crivelli and Maggi's work on eel hermaphroditism and straight intest. A. orthoentera and convoluted A. anacamptoentera. (Not actual title). Atti Soc. Pad. 1:70-74.
- CARLIN, B. and K.B. JOHANSSON  
E 1957 Tagging of eel on the coast of Norrbotten (N. Sweden). Vandringsfisk Medd. 5:4.
- CARLISLE, D.B. and E.J. DENTON  
E 1959 On the metamorphosis of the visual pigments of Anguilla anguilla L. J. Mar. Biol. Ass. U.K. 38 (1):87-102.
- CARLSEN, H.  
E 1953 Der Carboxylasegehalt des Aales (Anguilla vulgaris). Z. Vergl. Physiol. 35:199-208.
- CARSON, RACHEL L.  
? 1941 Under the sea-wind. A naturalist's picture of ocean life. xix+314p. Simon & Schuster: New York.

- CASPARS, H. and H. MANN  
E \* 1961 Bodenfauna und Fischbestand in der Hamburger Alster. Ein quantitativer-ökologischer Vergleich in einem Stadtgewässer. Abh. undl Natur. Ver. Hamburg 5:89-110.
- CASTLE, P.H.J.  
O 1963 Anguillid leptocephali in the Southwest Pacific. Zool. Pub. Victoria Univ. Wellington 33:1-14.
- CATTIE, S.T.  
? 1880 Ueber die Genitalien der männlichen Aale und ihre Sexualunterschiede. Zool. Anz. 1880:330.
- CAZAL, P. and M. COURTIL  
? 1949 The anti-O property of eel sera. Compt. Rend. Soc. Biol. Paris 143 (1/2):39-40.
- CEDARD, L. and T. NOMURA  
E 1961 Dosage fluorimétrique après chromatographie de partage des oestrogènes dans le sang de certaines Téléostéens. Bull. Inst. Océanogr. Monaco 1196:12p.
- CEPEDE, C.  
E 1908 La Myxosporidiose des Anguilles dans les eaux douces, saumâtres et salées du Boulonnais. Boulogne Bul. Soc. Acad. 8:17-24.
- CHAINE, J.  
E 1938 Recherches sur les otolithes des poissons. Etude descriptive et comparative de la sagitta des téléostéens (suite). Act. Soc. Linn. Bordeaux 90:5-258.
- CHAN, D.K.O., I.C. JONES and I.W. HENDERSON  
E 1966 Measurement of blood pressure in the European eel (A. anguilla) and the influence of factors analogous to the renin-angiotensin system of mammals. J. Physiol. 182:23.
- CHARTIER, C.  
A 1959 Où va notre anguille Québécoise? Actualités Mar. Jan.-April:10-12.

- CHARTIER, M.M. and MADELEINE OLIVEREAU  
E \* 1965 Prolactin and osmoregulation in eel (Osteichthyes). Amer. Zool. 5 (4):726.
- CHENEY  
? 1899 About eels as predators on game fish. (Not actual title). N.Y. Fish, Game Forest. Comm. Rep. 1898:279-288.
- CHEVEY, P.  
O 1936 Sur la présence du genre Anguilla en Indochine française. Bull. Mus. Nat. Hist. Nat. 2 (4): 65-68.
- O 1936 Sur la présence d'un seconde espèce d'Anguille en Indochine française et sur les lois de la circulation des eaux dans la Mer de Chine méridionale. Bull. Mus. Nat. Hist. Nat. 8 (2):130-131.
- CHIAPPI, T.  
E 1931 Variazioni periodiche nella montata delle Anguilline (cieche). Boll. Pesca Piscicolt. Idrobiol. 7:662-669.
- E 1932 Variazioni periodiche nella montata delle anguilline (cieche). Riv. Biol. Firenze 14: 78-85.
- E 1932 Variazioni periodiche nella montata delle Anguilline (cieche) ed osservazioni sulla loro statura. Riv. Biol. Milano 14:493-505.
- E 1932 Variazioni periodiche nella montata delle Anguilline (cieche) ed osservazioni sulla loro statura. Boll. Pesca Piscicolt. Idrobiol. 8: 380-393.
- E 1933 Raccolta, semine ed allevamento di pesci marini nelle acque interne. Boll. Pesca Piscicolt. Idrobiol. 9:799-808.
- E 1934 Persistenza di un ciclo nella montata delle sieche e variazioni nelle piogge estive. Boll. Pesca Piscicolt. Idrobiol. 10:745-751.

- CHIEFFI, G. and V. BOTTE  
E 1963 Histochemical reaction for steroid  $3\beta$ -ol-dehydrogenase in the interrenal and the corpuscles of stannius of Anguilla anguilla and Conger conger. Nature (London) 200:793-794.
- E 1963 Comportamento istochimico della steroide-3  $\beta$ -olodeidrogenasi nell'interranole e nei corpuscoli di Stanniusdi Anguilla anguilla L. R. C. Accad. Lincei. Cl. Sci. Fis. Mat. Nat. 34 (8):570-572.
- E CHIESA, F., et al  
E 1961 Su di un riflesso cardiaco evocato dalle variazioni di temperature dell'acqua di perfusione branchiale in A. anguilla. R.C. Ist. Lombardo 95B:167-175.  
1/  
CHISHOLM, E.C.  
O 1926 Additional fauna of the Comboyne Plateau, 1925-1926. Austral. Zool. 4 (5):295-298.
- CHRISTIANSEN, M. and A.J.C. JENSEN  
E 1950 On a recent and frequently occurring tumor disease in eel. Rep. Danish Biol. Sta. 50: 29-44.
- E CIACCIO, G.  
E 1939 Esperimenti di lungo digiuno in anguille. Atti IV Congr. Int. Patol. Comp. 2:343.
- E 1939 Illustrazione di una neoformazione interessante il rene di un esemplare di anguilla. Mem. Comit. Talassogr. Ital. Roma 265:8p.
- E 1940 Illustrazione di una neoformazione della vescica natatoria di una anguilla argentina. Mem. Comit. Talassogr. Ital. Roma 284:13p.
- E 1944 Esperimenti di lungo digiuno in anguille argentine. Considerazioni morfologiche e fisiologiche sul digiuno delle anguille. Atti Ist. Veneto Cl. Sci. Nat. Nat. 103:133-147.
- CISTERNAS  
E 1877 A. brevirostris, new species (Not actual title). An. Soc. Esp. 6:108.

1/ See Appendix

- E CLIGNY, A.  
1912 Captures d'anguilles en pleine mer. Boulogne-sur-Mer Ann. Stat. Aquicult. 2:142-148.
- E 1912 Migration marine de l'anguille commune. Compt. Rend. Acad. Sci. Paris 154:727-729.
- E COCQUIO, G.  
1929 Trypanosoma granulosum (Lav. & Mesn.) in Anguilla from Lombardy waters. Atti Soc. Ital. Sci. Nat. Mus. Civ. Storia Nat. Milano 68 (3/4):237-239.
- E 1929 Blood, hematopoietic organs, and reticuloendothelial tissue of the eel. Riv. Biol. Milano 11 (1/2):7-32.
- E COLOMBO, G.  
1961 Ricerche istochimiche sulla funzione osmoregolatrice delle branchie nelle anguille europee (A. anguilla L.). Arch. Oceanogr. Limnol. Roma 12:117-130.
- E 1961 Chloride-secreting cells in the gills of European eels. Nature (London) 190:101.
- E COMINI, ADELE  
1929 Histological researches on the choroid plexus of fishes. Pubbl. Sta. Zool. Napoli 2:213-235.
- O COPLEY, H.  
1953 Kenya eel problems. Piscator 7:37.
- E CORDIER, D.  
\* 1959 Total cardiac glycogen in freshwater fish. Comparison with marine fish. Compt. Rend. Soc. Biol. Paris 153:435-537.
- E CORDIER, D. and C. BANGE  
1960 Variations in inorganic phosphorus content of the plasma of the rat, the shark (Scyliorhinus stellaris) and the conger eel (Anguilla vulgaris) as a function of oxygen tension in the external environment. J. Physiol. Paris 52 (1):57-58.
- E CORDIER, D. and A. MAURICE  
1956 Intestinal absorption of sugars in A. vulgaris living in sea water or in fresh water. Compt. Rend. Soc. Biol. Paris 150:1957-1959.

- E CORDIER, D. and A. MAURICE (continued)
- E 1959 Influence of concentration of glucose solutions on speed of intestinal absorption in the eel *A. vulgaris* living in sea or fresh water (in French). Compt. Rend. Soc. Biol. Paris 153: 118-121.
- E CORDIER, D., et al
- E 1958 Etude sur la protéinémie de l'Anguille de mer (*Anguilla vulgaris* L.). Influence de jeune et de l'asphyxie. Compt. Rend. Soc. Biol. Paris 153:783-786.
- E CORDIER, D., R. BARNOUD and A.M. BRANDON
- E 1959 Variations in proteinæmia in eel (*A. vulgaris*) produced by increased osmotic pressure. Compt. Rend. Soc. Biol. Paris 153:1802-1805.
- ? COSTIN, A.B.
- ? 1954 Observations on fish mortality and river pollution. Ecology 35 (4):580.
- E \* COUTEAUX, R. and P. LAURENT
- E \* 1957 Etude au microscope électronique du cœur de l'Anguille, observations sur la structure du tissu musculaire de l'oreillette et son innervation. Compt. Rend. Acad. Sci. Paris 245:2097-2100.
- A COX, P.
- A 1914-15 Are migrating eels deterred by a range of lights. Contr. Can. Biol. 1914-1915:115-118.
- ? CRESCITELLI, F.
- ? 1960 Physiology of vision. Ann. Rev. Physiol. 22: 525-578.
- E CREUTZBERG, F.
- E 1958 Use of tidal streams by migrating elvers *Anguilla vulgaris* Turt. Nature (London) 181:857-858.
- E 1959 Discrimination between ebb and flood tide in migrating elvers (*Anguilla vulgaris* Turt.) by means of olfactory perception. Nature (London) 184:1961-1962.

CREUTZBERG, F. (continued)

- E 1961 On the orientation of migrating elvers (*A. vulgaris* Turt.) in a tidal area. *Neth. J. Sea Res.* 1:257-338.
- E 1963 The role of tidal streams in the navigation of migrating elvers (*A. vulgaris* Turt.). *Ergebn. Biol.* 26:118-127.

CRITTENDEN, A.R.

- A 1884 Catching alewives with hooks baited with eels. *Bull. U.S. Fish. Comm.* 4:255-256.

CRIVELLI, C. BALSAMO and L. MAGGI

- E 1872 Eels are hermaphrodites. *Mem. 1st Lomb.* 12:229-240.

CROSS, F.B.

- A 1950 Effects of sewage and of a headwaters impoundment of the fishes of Stillwater Creek in Payne County, Oklahoma. *Amer. Midland Nat.* 43 (1):128-145.

CROSS, F.B. and G.A. MOORE

- A 1952 The fishes of the Poteau River, Oklahoma and Arkansas. *Amer. Midland Nat.* 47:296-412.

CUMANO, H.B.

- E 1954 A enguia da Europa. Como foi descoberto o local da sua postura. *Naturalia* 4:123-129.

CUNNINGHAM, J.T.

- E \* 1924 The Natural History of the Common Eel. *Nature (London)* 113:199-201.

CUNNINGHAM, MARION M.

- O 1935 The vitamin D content of some New Zealand fish oils. With a note on the prophylactic method of biological assay. *New Zeal. J. Sci. Technol.* 17 (3):563-567.

- DAHL, K.
- E 1909 Unsere Kenntnis von der Fortpflanzung und den Wanderungen des Aals. Bergen Naturen 33:20-29.
- D'ANCONA, U.
- E 1921 Effetti dell' inanizione sul tubo digerente dell' anguilla. Mem. R. Comit. Talass. Ital. 1.
- E 1924 Intorno al differenziamento del sesso nell' anguilla. Atti Acc, Lincei Roma 5 (33): 244-248.
- E 1924 Sulla determinazione del sesso nell' Anguilla. Mem. Comit. Talassogr. Ital. Roma 111:24p.
- E 1926 Osservazioni sull'azione del digiuno nelle Anguille giovani (cieche). Arch. Ital. Anat. Embriol. Firenze 23:708-717.
- E 1926 Effetti del lungo digiuno sull' apparato digerente dell'Anguilla. Mem. Comit. Talassogr. Ital. Roma 123:38p.
- E 1927 Studies on inanition. 1. The effects of protracted inanition on cells and tissues. Amer. J. Anat. 39 (2):135-185.
- E 1927 The influence of concentration on the loss of weight of young fasting eels in solutions of NaCl. Atti R. Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Nat. 5 (9):693-696.
- E 1927 Ricerche sull' ingrandimento dell'occhio dell' anguilla in rapporto alla maturità sessuale e considerazione sul suo significato biologico. Atti Acc. Lincei 5:360-363.
- E 1927 Acipenser sturio. Muraena helena. Anguilla anguilla. Conger conger. Chlopsis bicolor. Faune Flore Méditerr. Paris 1927.

- D'ANCONA, U. (continued)
- E 1928 Muraenoids (Apodes) from the Red Sea and the Gulf of Aden, collected by Prof. Luigi Sanzo on the cruise of the R.N. "Ammiraglio Magnaghi" 1923-1924. Mem. Comit. Talassogr. Ital. Roma 146:146p.
- E 1929 Sui fenomeni di circolazione che accompagnano l'ingrandimento dell'occhio nella maturità sessuale dell'anguilla. Boll. Soc. Eustachiana, Camerino 27.
- E 1935 Ricerche sul differenziamento sessuale delle anguille della laguna Veneta. Boll. Soc. Ital. Biol. Speriment. 10:480-483.
- E 1936 Attuali conoscenze su alcune questioni relative alla biologia dell'anguilla. Atti Soc. Ital. Progr. Sci. 24:4.
- E 1936 Il differenziamento sessuale delle Anguille. Int. Congr. Zool. 12:443-450.
- E 1937 La croissance chez les animaux méditerranéens. Rapp. Procès-Verbaux Reunions, Conseil Perm. Int. Expl. Mer 10:163.
- E 1940 Montata e accrescimento delle giovani anguille dell'Alto Adriatico in confronto a quelle delle altre parti del Mediterraneo e delle coste europee settentrionali. Atti Ist. Veneto, Sci. Lett. Arti. 99 (2):447.
- E 1942 Un caso di presunto ginandromorfismo nell'anguilla. Arch. Zool. Torino 30:139-153.
- E 1943 Neuve ricerche sulla determinazione sessuale dell'Anguilla. Arch. Ital. Oceanogr. 3:159-269.
- E 1943 La distribuzione dei sessi delle anguille nelle valli da pesca. Atti Ist. Veneto, Sci. Lett. Arti. 102:665.
- E 1945 Sexual differentiation of the gonad and the sexualization of the germ cells in teleosts. Nature (London) 156:603-604.

- D'ANCONA, U. (continued)
- E 1946 Observations sur la proportion des sexes chez les anguilles des lagunes littorales de l'Adriatique. Biol. Jaarb. Antwerpen 13:261-269.
- E 1948 The transitory intersexuality of the gonads of some Teleostei. Boll. Zool. Naples 15 (1/3):65-69.
- E 1948 Prime osservazioni sull'azione degli ormoni sessuali sulla gonade dell'anguilla. Rend. Acc. Lincei 5:82-87.
- E 1949 Environment and humoral correlation in sexual differentiation and development of the eel. Verh. Int. Ver. Theoret. Angew. Limnol. 10: 126-133.
- E 1950 Détermination et différenciation du sexe chez les poissons. Arch. Anat. Microsc. Morphol. Exp. 39:274.
- E 1951 Ulteriori esperienze sull'azione degli ormoni steroidi sulla gonade dell'anguilla. Rend. Acc. Lincei, Ser. 8 (10):284.
- E 1951 Intorno alle trasformazioni dell'anguilla nella fase conclusion del suo ciclo vitale. Riv. Biol. 43:171-186.
- E 1951 Tentativi di deviazione sessuale nell'anguilla. Boll. Zool. 18:97-101.
- F 1954 The biology of the eel in relation to fisheries in North Adriatic lagoons. Pub. Inst. Zool. Anat. Comp. Sta. Idro. Univ. Padova 16.
- E 1956 Sexual morphogenesis and differentiation in the teleost fish. Bull. Soc. Zool. France 81 (4):219-229.
- E 1956 Inversions spontanées et expérimentales dans les gonades des Téléostéens. Ann. Biol. 32:89.
- E 1957 Nuove ricerche sulla determinazione sessuale dell'Anguilla. Parte seconda. Arch. Oceanogr. Limnol. 11:69-111.

D'ANCONA, U. (continued)

- E 1957 New experimental research on the influence of steroid hormones on eel gonads (in Italian with German, French and English summaries). Pub. Sta. Zool. Napoli 29:307-322.
- E 1957 The genetic basis and the environment influence on sexual differentiation of the eel. Compt. Rend. Acad. Sci. Paris 245:262-264.
- E 1958 Comparative biology of eels in the Adriatic and in the Baltic. Verh. Int. Ver. Limnol. 13:731-735.
- E 1958 Research on sex differentiation in vertebrates, and the biology of the Acridoidea and the gametogenesis of insects. Ricerca Sci. 28 (8):1653-1658.
- E 1959 Distribution of the sexes and environmental influence in the European eel. Arch. Anat. Microscop. Morphol. Exp. 48:61-71.
- AE 1960 The life-cycle of the Atlantic eel. Zool. Soc. London Symposia 1:61-76.
- E 1962 Biological and economical problems of eels in Italy (in English and Russian). Z. Fisch. 10 (8/10):589-598.
- D'ANCONA, U., L. SANZO, A. SPARTA, F. BERTOLINI, S. RANZI and G. MONTALENTI
- E 1933 Uova, larve e stadi giovanili di Teleostei. Fauna Flora Golfo Napoli Monogr. 38:1-384.
- AE D'ANCONA, U. and D.W. TUCKER
- AE 1959 Old and new solutions to the eel problem. Nature (London) 183:1405-1406.
- DARESTE, C.
- ? 1874 Monographie de la famille des poissons anguilliformes. Compt. Rend. Acad. Sci. 79:988-990.
- O 1875 Male organs also in A. marmorata from the Indian seas. Compt. Rend. Acad. Sci. 81: 159-162.

- DARESTE, C. (continued)
- ? 1875 Resumé d'une monographie des poissons anguilliformes. Arch. Zool. Exp. 4:215-232.
- DAVIDSON, V.M.
- A 1949 Salmon and eel movements in constant circular current. J. Fish. Res. Bd. Canada 7 (7): 432-448.
- DAVIS ?
- O 1887 Anguilla sahel-almae and hakelensis fossils, Chalk of Mt. Lebanon. Tr. Roy. Soc. Dublin 2 (3):625-626.
- DAWSON, A.B.
- ? 1932 The reaction of the erythrocytes of vertebrates especially fishes, to vital dyes. Biol. Bull. 63 (1):48-72.
- ? 1933 The relative numbers of immature erythrocytes in the circulating blood of several species of marine fishes. Biol. Bull. 64 (1):33-43.
- DAWSON, K.
- ? 1960 The artificial hatching of salmon. Trout and Salmon 5 (55):14-15.
- DAY, F.
- E 1885-86 On the mode of propagation of the common eel. Proc. Cotteswold Nat. Field Club 1885-1886:44-51.
- DAY, L.R.
- A 1941 A preliminary report on elver migrations into Moser River, Nova Scotia. Fish. Res. Bd. Canada, MS Rep. Biol. Sta. 213:3p.
- A 1948 Fishing Eels - A Profitable Side Line. Fish. Res. Bd. Canada, Atlantic Biological Station, St. Andrews, N.B. General Circular, 13:3p.
- DEAN, B.
- A \* 1912 Changes in the behaviour of the eel during transformation. Ann. New York Acad. Sci. 22:321-326.

DEELDER, C.L.

- E 1952 On the migration of the elver (Anguilla vulgaris L.) at sea. J. Conseil Perm. Int. Explor. Mer 18 (2):187-218.
- E 1952 On the migration of eels. Some notes on the migration of elvers. Visserij Nieuws 5 (7):79.
- E 1952 Some notes on the migration of elvers. Visserij Nieuws 5 (7):83-84.
- E 1953 Over de trek van de schieraal. Visserij Nieuws 5 (11):124-125.
- E 1954 De groei van aal in het IJsselmeer. Visserij Nieuws 7 (8):117-118.
- E 1954 Factors affecting the migration of the silver eel in Dutch inland waters. J. Conseil Perm. Int. Explor. Mer 20 (1):177-185.
- E 1955 Eenbijzondere schieraal. Visserij Nieuws 8 (3):43.
- E 1955 Het Glasaalstation te Epney (Glos). Visserij Nieuws 8 (5):73-77.
- E 1956 De groei van aal in het IJsselmeer. Visserij Nieuws 8 (10):169-170.
- E 1956 Over het verband tussen glasaalintrek en schieraalvangsten van het IJsselmeer. Visserij Nieuws 9 (5):24.
- E 1957 On the growth of eels in the IJsselmeer. J. Conseil Perm. Int. Explor. Mer 23 (1): 83-88.
- E 1958 On the behaviour of elvers (Anguilla vulgaris Turt.) migrating from the sea into fresh water. J. Conseil Perm. Int. Explor. Mer 24 (1): 135-146.
- E 1958 Resultaten van de merkproeven met schieraal in 1956 en 1957. Visserij Nieuws 10 (10):154-155.
- E 1959 Conservation of elver migration routes into the inland water system of the Netherlands. Athens Proceedings of the I.U.C.N. Technical Meeting 4:321-322.

- EELDER, C.L. (continued)
- E 1960 Ergebnisse der holländischen Untersuchungen über den Glasaalzug. Arch. Fischereiwiss 11:1-10.
- E 1965 The influence of increased fishing-intensity on an eel stock. Proc. Second British Coarse Fish Conf. 57-64.
- DEELDER, C.L. and J.F. DE VEEN
- E 1958 A calculation on the fishing-intensity of the eel trawl on the IJsselmeer and on the effect of an increase of the legal minimum size for eels (*A. vulgaris* Turt.). Arch. Nederland. Zool. 13 (1):461-471. Suppl.
- DEELDER, C.L. and D.W. TUCKER
- E 1960 The Atlantic eel problem. Nature (London) 185: 589-592.
- DEELDER, C.L. and D.E. VAN DRIMMELLEN
- E 1960 The decline of the fish-stocks in the Netherlands<sup>†</sup> sections of the Rivers Rhine and Meuse. IUCN. Seventh Technical Meeting, Athens, Sept. 1958 Brussels 185-190. Soil and Water Conservation Vol. 4 (Natural aquatic resources).
- De FILIPPI, P.
- E 1930 Enterochromaffin cells in fishes. Boll. Soc. Med. Chir. Pavia 44 (3):441-444.
- DEFRISE, A.
- E \* 1934 Renal cytophysiology: the bisegmental nephron. Arch. Ital. Anat. Embriol. 33: 693-717.
- DEKENAH, J.
- O\* 1953 Tame eels at Platbos. Afr. Wild Life 7: 315-316.
- De La BLANCHERE, H.
- ? 1876 Génération de l'Anguille. Bull. Soc. Acclim. 3 (3):489-494.
- DELCHEF, J.
- E 1905 Sur la pulsation des sinus veineux chez l'anguille *Anguilla fluviatilis*. Arch. Int. Physiol. 2:123-126.

- DELEZENNE, C.
- E \* 1897 Action du sérum d'anguille et des extraits d'organes sur la coagulation du sang. Arch. Physiol. 5:9.
- DEL PERE DE CARDAILLAC DE SAINT PAUL, G.
- E \* 1905 La réglementation de la pêche de l'anguille. Bull. Stat. Piscicul. Toulouse/Paris 2:40-43.
- DELSMAN, H.C.
- E \* 1926 De biologie der Zoetwaterpalingen. Handelingen 4<sup>e</sup> Nederlandsch-Indisch Natuurwetensch. Congres, Weltevreden 1926:70-94.
- O 1926 On the distribution of the fresh water eels in Java. Treubia 9 (4):317-337.
- O 1929 The distribution of freshwater eels in Sumatra and Borneo. Treubia 11 (2):287-292.
- O 1929 The distribution of freshwater eels on the Greater Sunda Islands. Proc. Fourth Pacific Science Congr. Java 3:45-46.
- O 1933 Fish eggs and larvae from the Java Sea. Treubia 17 (2):237-254.
- DENTON, E.J.
- E 1955 The absorption spectrum of the crystalline lens, of R. esculenta and A. vulgaris. Bull. Mus. Nat. Hist. Nat. 27 (5):418-425.
- DERANIYAGALA, P.E.P.
- O 1929 Some anguilliform fishes of Ceylon. Ceylon J. Sci. Sect. B 15 (1):1-29.
- DESAI, P. and G.F. SPRINGER
- ? 1964 Lower limit of blood group H(0) specific combining site of some heterologous reagents. Blood and serum groups: Genetics & Biochemistry: Proceed. of 10th Congress of Intern. Soc. Blood Trans. 10 (2):500-504.
- DESMAREST, M.
- E \* 1866 Describes his observations on an eel kept in a tank for the last 37 years. Rev. Mag. Zool. 1866:161-165.

- A de SYLVA, ?, ?. KALBER and ?. SHUSTER  
1962 Fishes and ecological conditions in the shore zone of the Delaware River estuary. Univ. Delaware Mar. Lab. 5:9, 22-23. (Delaware Board of Game and Fish Commissioners).
- E \* DIEUZEIDE, R. and M. NOVELLA  
1951 Essai sur la technique du fumage du poisson (Fish Smoking). Documents et renseignements agricoles, Bulletin No. 169:55p.
- E DIJKGRAAF, S.  
1947 Über die Reizung des Ferntastsinnes bei Fischen und Amphibien. Experientia 13:206-215.
- DOLLFUS, R.P.  
? 1959 Experimental researches on *Nicolla gallica*. Ann. Parasit. Hum. Comp. 34 (5-6):595-622.
- E 1961 A hemiurid trematode found in the eel from the Thau lagoon. Vie et Milieu 12 (4):579-588.
- E DORN, E.  
1961 On the fine structure of the swim bladder of *A. vulgaris* L. Light and electron microscopic studies. Z. Zellforsch. 55:849-912.
- E DRAGANIK, B.  
1962 The feed of eels in Masurian lakes. Zesz. Nauk. Wyzsz. Szk. Roln. Olsztyn 13 (1): 141-167.
- A DRAHOS, N.  
1953-54 About eel racks. New York State Conservationist 8 (3):20-21.
- E DRAPKIN, E.I.  
1964 Distribution of the common eel (*A. anguilla* L.) in the Black Sea. Byul. Moskov Obshchest Ispytatelei Prirody Otd Biol. 69 (5):140-141.
- E DRILLON, A.  
1937 Etude des échanges minéraux chez les poissons homeiosmotiques. Compt. Rend. Acad. Sci. Paris 204 (20):1502-1503.

- DRI LHON, A., G.A. BOFFA AND J.M. FINE  
E 1963 New data on the dimensional and immunologic heterogeneity of the blood proteins of the eel. Presse Med. 71 (4):199.
- DRILHON, A. AND J. FINE  
E 1960 Individual differences in the electrophoretic behaviour of serum proteins and lipoproteins in the eel. Compt. Rend. Acad. Sci. Paris 250 (24):4044-4045.
- DRIMMELEN, D.E.  
E 1951 Vangst van Schieraal met Behulp van Licht (in Dutch). (The use of light in the catching of eels). Visserij Nieuws 3 (12):137-140.
- DROOGLEEVER FORTUYN-VAN LEYDEN, C.E.  
E 1917 On an eel, having its left eye in the lower jaw (in Dutch). Amsterdam Versl. Wis. Nat. Afd. K. Akad. Wet. 25:1168-1170.
- DUBALEN, P.E.  
E 1927 Growth and longevity of eels. Actes Soc. Limn. Bordeaux 79:15-16.
- DEBOIU, R.  
E 1922 Sur la destruction des moustiques par les anguilles et le repeuplement des cours d'eau, étangs, etc. Compt. Rend. Acad. Sci. Paris 175:431-432.
- DUIGAN, J.  
O 1876 Instances to show that eels live in waters having no access to the sea. Trans. New Zeal. Inst. 7:221.
- DUNAJEWSKI, A.  
E 1930 Die Lymphgefasse im Rumpfe des Aales (Anguilla anguilla L.). Bull. Int. Acad. Polonaise Sci. Lettr. Cl. Sci. Math. Nat. Ser. B. Sci. Nat. (Zool.) 1930 (7/8):467-478.
- DUVAL, M.  
E 1925 Recherches physico-chimiques et physiologiques sur le milieu intérieur des animaux aquatiques. Bull. Inst. Océanogr. Monaco 679.

- DVORAK, R. and JAROMIRA DVORAKOVA  
E \* 1961 The nonspecific, inhibiting factors of virus  
agglutination and phytagglutination contained  
in eel serum. (English, French, Spanish and  
Russian summary). Z. Immunit. Forsch. 121  
(5):425-436.

- E.O. EDISBURY, J.R., J.A. LOVERN and R.A. MORTON  
1937 Distribution of vitamin A in the tissues of  
the eels Anguilla vulgaris and A. aucklandi  
Rich. Biochem. J. 31 (3):416-423.
- AEJO EGE, V.  
1939 A revision of the genus Anguilla Shaw, a  
systematic, phylogenetic and geographical  
study. Dana Rep. 16:1-256.
- J EGUSA, S.  
1958 On the oxygen consumption rate of the pond-  
cultured eel, Anguilla japonica (in Japanese  
with English summary). Jap. J. Ichthyol. 7  
(2/4):49-56.
- J 1963 Studies on saprolegniassis of the eel. 1. Re-  
sistance of the eel to fungus infections (in  
Japanese with English summary). Bull. Jap.  
Soc. Sci. Fish. 29 (1):27-36.
- J EGUSA, S. and T. NISHIKAWA  
1965 Studies of a primary infectious disease in the  
so-called fungus disease of eels (in Japanese  
with English summary). Bull. Jap. Soc. Sci.  
Fish. 31 (10):804-813.
- E EHRENBAUM, E.  
1910 Die Arbeiten von J. Schmidt über den Aal.  
Vestn. Ryboprom. St. Peterburg 25:242-255.
- AE \* 1926 A new contribution from Johs. Schmidt concerning  
the biology of the genus Anguilla. Int. Rev.  
Ges. Hydrobiol. Hydrogr. 15 (1/2):79-88.
- E \* 1929 Die Satzaalfrage im Elbgebiet. Fischerbote  
21:311-316.
- E \* 1930 The great Danish Atlantic expeditions in 1920-  
22. Naturforscher (Berlin) 7 (1):8-13.
- E 1930 Der Flussaal, Anguilla vulgaris Turt. Demoll  
Maier Handbuch. Binnenfischerei Mitteleuropas  
3 (4):217.
- E EHRENBAUM, E. and H. MARUKAWA  
1913 Über Altersbestimmung und Wachstum beim Aal.  
Z. Fischerei 14:89-127.

- EICHELBAUM, E.
- E 1930 Das Auftreten der Aalbrut an der deutschen Kuste und ihre erste Nahrungsaufname. Wiss. Meeresunters. Abt. Helgoland 15 (15).
- EICHLER, H.
- E \* 1935 Ovarialzyste bei einem Aal. Z. Fischerei Hilfswiss. 33:401-404.
- EIGENMANN, C.H. and C.H. KENNEDY
- A 1901 The Leptocephalus of the American eel and other American Leptocephali. Bull. U.S. Fish. Comm. 21:81-92.
- EKMAN, S.
- E 1932 Prinzipielles über die Wanderungen und die tiergeographische Stellung des europäischen Aales, A. anguilla L. Zoogeographica Jena 1:85-106.
- ELEGIDO y ALONSO-GETA, M.
- E 1952 La anguila de Europa. Montes (Madrid) 8 (43):35-48.
- ELSON, P.F.
- A 1940 Food of Salmon, Trout and Eels in Goldmine Brook. Fish. Res. Bd. Can. MS Rep. Biol. Sta. No. 210:8p.
- A 1941 Eels as a limiting factor in salmon smolt production. Fish. Res. Bd. Can. MS Rep. Biol. Sta. No. 213 (16):9p.
- ENAMI, M.
- J 1955 Studies in neurosecretion. I. Preoptico-subcommisural neurosecretory system in the eel (Anguilla japonica). Endocrinol. Jap. 1 (2):133-146.
- J 1955 Studies in neurosecretion. II. Caudal neurosecretory system in the eel (Anguilla japonica). Gunma J. Med. Sci. 4 (1):23-36.
- J 1955 Studies in neurosecretion. III. Nuclear secretion in the cells of the preoptic nucleus in the eel (Anguilla japonica). Endocrinol. Jap. 2 (1):33-40.

- J ENAMI, M. (continued)
- J 1958 Studies on neurosecretion. X. Occurrence of zinc in the caudal neurosecretory system of the eel. Proc. Jap. Acad. 34 (1):44-49.
- J 1959 The morphology and functional significance of the caudal neurosecretory system of fishes. In: A Gorbman, Ed., Comparative Endocrinology. John Wiley and Sons, Inc. New York 16. p. 174-186.
- J ENAMI, M. and K. IMAI
- J 1955 Studies in neurosecretion. V. Caudal neurosecretory system in several freshwater teleosts. Endocrinol. Jap. 2 (2):107-116.
- J 1958 Studies on neurosecretion. XII. Electron microscopy of the secretory granules in the caudal neurosecretory system of the eel. Proc. Jap. Acad. 34 (3):164-168.
- E ENGELBRECHT, H.
- E 1958 Investigations on the occurrence of parasites in commercial fishes in the Greifswalder Bodden and the Kleine Haff. Z. Fischerei 7 (7/8): 481-511.
- J ENOMOTO, N., H. NAKAGAWA and Y. TOMIYASU
- J 1966 The sialic acid-like substances obtained from the external mucous substance of an eel and the cartilage of a hammerhead (in Japanese with English summary). Bull. Jap. Soc. Sci. Fish. 32 (6):536-540.
- E ERGENS, R.
- E 1960 Helminth fauna of some fish in Albania (in Russian with English summary). Csl. Parasit. 7:49-90.
- E ETIENNE, N.
- E 1959 Influence of induced sexual maturation on thyroid activity in the male European eel, *A. anguilla*. Compt. Rend. Soc. Biol. Paris 153: 41-44.

EVANS, H.M.

E 1938 A note on some seasonal changes in the pituitary gland of the eel (*A. vulgaris*). Proc. Zool. Soc. London, Ser. A. 107:483-485.

E 1940 On some of the seasonal changes in the pituitary gland of the eel. Brit. Med. J. 1940 (4135): 565-567.

EWALD, W.F.

E 1907 Die Fortnahme des hautigen Labyrinths und ihre Folgen beim Flussaal (*Anguille vulgaris*). Arch. Ges. Physiol. Bonn 116:186-192.

- FACCIOLA, L.
- E 1887 Leptocephali. A list of the Italian species.  
Atti (Rend. Mem.) Soc. Mod. Mem. 3 (1):121-123.
- E 1893 Sull'esistenza di passaggio da alcune specie  
di Leptocefalidi agli adulti corrispondent.i.  
Nat. Sicil. 11:144-148.
- E \* 1935 The two sexes in our species of Muraenoids  
and their generative glands. Atti Soc. Ital.  
Sci. Nat. Mus. Civ Storia Nat. Milano 74 (4):  
394-416.
- 1/
- FANGE, R. and E. OSTLUND
- E \* 1954 The effects of adrenaline, noradrenaline, tyra-  
mine and other drugs on the isolated heart from  
marine vertebrates and a cephalopod (Eledone  
cirrosa). Acta Zool. Stockholm 35 (3):290-305.
- FANGE, R. and J.B. WITTENBERG
- E \* 1958 The swimbladder of the toadfish (Opsanus tau L.).  
Biol. Bull. 115 (2):172-179.
- FELDMAN, H.A. and L.T. MILLER
- ? 1960 Heat-labile serum systems in fresh-water fish.  
Science 131 (3392):35-36.
- FERIANI, M.
- E \* 1954 Variazioni morfologiche e funzionali dell'occhio  
dell'Anguilla nell'acquisizione dell'abito  
riproduttivo. Boll. Zool. 21:401-404.
- FEDORA, M.
- E \* 1951 Influenza dei fattori ambientale sull' accresci-  
mento e sul differenziamento sessuale delle  
anguille. Nova Thalassia 1 (9):1-37.
- FIELD, H.C.
- O 1891 Migration of eels. New Zeal. J. Sci. 1:256-257.
- O 1892 Migration of eels. Forest and Stream 38:199.
- FINE, J.M., G.A. BOFFA and A. DRILHON
- E \* 1963 The proteins of eel serum: Starch gel electro-  
phoresis and immunological studies. Proc. Soc.  
Exp. Biol. Med. 114 (3):651-654.

1/ See Appendix

- FINE, J.M. and A. DRILHON  
E \* 1960 Serology analysis immuno-electrophoretic of the elements of the serum of the eel. Compt. Rend. Acad. Sci. Paris 250 (19):3241-3243.
- E \* 1961 Existence of globulins of weak electrophoretic mobility in the serum of the eel subjected to repeated injections of human serum. Compt. Rend. Acad. Sci. Paris 252 (24):3891-3893.
- FIRLY, S., and M. FONTAINE  
E 1932 Sur les relations existant dans le sérum d'<sup>t</sup> anguille entre la teneur en protéines et le rapport de la pression osmotique due au NaCl a la pression osmotique totale. Compt. Rend. Soc. Biol. Paris 110 (21):471-472.
- E 1932 Sur la teneur en protéines du sérum d'anguille et ses variations au cours des changements de salinité. Compt. Rend. Acad. Sci. Paris 194 (21):1854-1856.
- FIRTH, F.E.  
A 1945 Eel fishing and eel pots. U.S. Dept. Interior Fish Wildlife Service, Fishery Leaflet 127:9p.
- FISCHER, F. and H. LUBBERT  
E 1908 Die Organisation des Bezuges von Aalbrut aus England fur deutsche Gewasser. Z. Fischerei 15:17-60.
- FISCHER, E.  
E 1928 Neues vom Aal. Mitt. Deut. Seefisch. Vereins. 44:225-227.
- FISH, MARIE P.  
A 1926 Preliminary note on the egg and larva of the American eel (Anguilla rostrata). Science 64 (1662):455-456.
- A 1927 Contributions to the embryology of the American eel, Anguilla rostrata Lesueur. Zoologica 3 (5):289-324.
- FLEMMING, H.  
E 1954 Schwimmblasenentzündung eines Aales A. anguilla. Deut. Fisch. Zeit. 1954 (6):158-159.

- FLORENTIN, P.
- E 1932 Quelques particularités de l'histogénèse de la glande thyroïde chez les Téléostéens. Compt. Rend. Soc. Biol. Paris 109 (6):467-469.
- FLORENTIN, P. and M. WEIS
- E 1931 Etude histologique de l'hypophyse de l'Anguille (A. anguilla L.). Compt. Rend. Soc. Biol. Paris 107 (20):718-720.
- FLORKOWSKI, W.
- E 1930 Les vaisseaux lymphatiques de la tête chez l'Anguille (A. anguilla L.). Compt. Rend. Acad. Cracovie 1930:7.
- E 1930 Die Verteilung der Lymphgefasse im Kopfe des Aales (Anguilla anguilla L.). Bull. Int. Acad. Polonaise Sci. Lettr. Cl. Sci. Math. Nat. Sér. B. Sci. Nat. (II) (Zool.) 1930 (7/8):457-465.
- FLOWER, S.S.
- E \* 1935 Further notes on the duration of life in animals. I. Fishes: as determined by otolith and scale-readings and direct observations on living individuals. Proc. Zool. Soc. London 1935 (2):265-304.
- FONTAINE, M.
- E 1936 Sur la maturation complète des organes génitaux de l'anguille mâle et l'émission spontanée de ses produits sexuels. Compt. Rend. Acad. Sci. 202:1312-1314
- E 1943 Quelques aspects de la physiologie de l'anguille. Bull. Soc. Philomath. Paris 124:145-163.  
1/
- E 1951 Facteurs externes et internes régissant les migrations des poissons. Ann. Biol. 27:337.
- E 1954 Du déterminisme physiologique des migrations. Biol. Rev. 29:390-418.
- E 1961 L'Anguille européenne succombe-t-elle sans se reproduire? Compt. Rend. Acad. Sci. Paris 252:1258-1260.

1/ See Appendix

- FONTAINE, M. (continued)
- E 1961 Action d'un extrait antéhypophysaire thyréo-stimulant sur la maturation des ovaires de l'Anguille femelle (*A. anguilla* L.). Compt. Rend. Acad. Sci. Paris 252:3365-3367.
- E 1964 Corpuscules de Stannius et régulation ionique (Ca, K, Na) du milieu intérieur de l'Anguille (*A. anguilla* L.). Compt. Rend. Acad. Sci. Paris 259:875-878.
- E 1964 Sur la maturation des organes génitaux de l'Anguille femelle (*A. anguilla* L.) et l'émission spontanée des œufs en aquarium. Compt. Rend. Acad. Sci. Paris 259:2907-2910.
- FONTAINE, M. and R.G. BUSHNEL
- E 1939 Nouvelles recherches sur la répartition des flavines et de quelques autres pigments fluorescents dans la peau et le yeux des Téléostéens. Bull. Inst. Océanogr. Monaco 782.
- FONTAINE, M. and ODETTE CALLAMAND
- E 1940 La chloremie de l'anguille femelle au cours de son développement. Compt. Rend. Acad. Sci. 211.
- E 1940 Sur le déterminisme biochimique due retour à la mer de l'anguille femelle d'avalaison. Compt. Rend. Acad. Sci. 211.
- E 1941 Sur l'hydrotropisme des civelles. Bull. Inst. Océanogr. Monaco 211:6p.
- E 1941 Sur certains facteurs des migrations de l'Anguille. Bull. Soc. Zool. France 66 (1): 68-76.
- E 1943 Les aspects physiologiques d'une "vie cyclique" de l'anguille d'Europe *Anguilla anguilla* L. Bull. Mus. Nat. Hist. Nat. Paris 15 (5):373-378.
- E 1944 Nouvelles recherches sur le déterminisme physiologique de l'avalaison des poissons migrateurs amphibiотiques. Bull. Mus. Nat. Hist. Nat. Paris 20 (3):317-320.

- FONTAINE, M. and ODETTE CALLAMAND (continued)
- E 1953 La fonction hypophyo-throidienne des poissons dans ses rapports avec leur morphologie et leur comportement. *J. Cons. Int. Expl. Mer* 19 (1).
- FONTAINE, M., ODETTE CALLAMAND and MADELEINE OLIVEREAU
- E 1949 Hypophysis and euryhalinity in the eel. *Compt. Rend. Acad. Sci. Paris* 228 (6):513-514.
- FONTAINE, M., S. DELATTRE and ODETTE CALLAMAND
- E 1945 Influence des variations de salinité sur la teneur en hematies de deux Teleosteens (*A. anguilla* L. et *Cyprinus carpio* L.). *Bull. Inst. Océanogr. Monaco* 886:11p.
- FONTAINE, M. and J. HATEY
- E 1953 Recherches sur le contrôle hypophysaire de l'interrénal antérieur d'un poisson téléostéens, l'anguille (*A. anguilla* L.). Variations pondérales de l'interrénal antérieur. *Compt. Rend. Soc. Biol. Paris* 147:217-220.
- FONTAINE, M. and H.J. KOCH
- E 1950 Les variations d'euryhalinité et d'osmoregulation chez les poissons. *J. Physiol.* 42:287-318.
- FONTAINE, M., J. LELOUP and MADELEINE OLIVEREAU
- E 1953 Etude histologique et biochimique de la glande thyroïde de l'anguille hypophysectomisée. *Compt. Rend. Soc. Biol. Paris* 147:255-257.
- FONTAINE, M. and R. MOTAIS
- E 1956 Influence of the glucoside of deoxycorticosterone on the halotropism of the young eel and its resistance to supersalted sea water. *Compt. Rend. Acad. Sci. Paris* 242:1359-1361.
- FONTAINE, M., S. PILLAFORT and A. SAPSE
- E 1963 Présence de pterines dans la peau dorsale d'*Anguilla anguilla* L. et leur excrétion dans le milieu ambiant. Contrôle du métabolisme des pterines par l'hypophyse. *Compt. Rend. Soc. Biol.* 157 (10):1721.
- FONTAINE, M. and ANNE RAFFY
- 1932 Recherches physiologiques et biologiques sur les civelles. *Bull. Inst. Océanogr. Monaco* 603:19p.

- E FONTAINE, M. and O. TUZET  
1937 Sur la spermatogénèse de l'anguille argentée.  
Arch. Zool. Exp. 78.
- E FONTAINE, Y. and P. CONDLIFFE  
1963 Purification de l'hormone thyréotrope d'un  
Téléostéen (l'Anguille). Parallèle entre la  
spécificité zoologique de cette hormone et  
quelques-uns de ses caractères physiocochimiques.  
Bull. Soc. Chim. Biol. 45 (7-8):681-693.
- E FONTANA, N.  
1941 Modificazioni del tubo digerente nelle anguille  
gialle sottoposte a digiuno prolungato fino all'  
estremo esauimento. Riv. Biol. Firenze 31:  
445-468.
- E FORD, E.  
1931 Changes in length during the larval life and  
metamorphosis of the freshwater eel (Anguilla  
vulgaris Turt.). J. Mar. Biol. Ass. U.K.  
17 (3):987-1000.
- E FORTNER, J.  
1928 Animal experiments on the etiology of lagoon  
disease. Deut. Med. Wochenschr. 54 (34):  
1414-1415.
- E FOSI, V.  
1934 Le modificazione istologiche della pelle delle  
anguille nell'acquisizione dell'abito di nozze  
(English summary). Arch. Zool. Torino 20:285-302.
- ? FOWLER, H.W.  
1912 Descriptions of nine new eels, with notes on  
other species. Philadelphia Proc. Acad. Nat.  
Sci. 64:8-33.
- E \* FRANCIS-BOEUF, C.  
1947 Physicochemical factors in estuarine waters, and  
interpretation of the tropisms of the eel during  
migration. Bull. Inst. Océanogr. Monaco 915:7p.
- E FRANCO, M.  
1938 La peste rossa delle anguille a proposito di una  
epizoozia nelle valli da pesca di S. Leonardo e  
di Scanarello avvenuta nel mese di marzo 1937.  
Boll. Pesca 13:631-643.

- FRANCOIS, Y.  
? 1941 Evolution de la thyroïde chez les civelles.  
Compt. Rend. Trav. Fac. Sci. 1.
- FRANZ, V.  
E 1908 Unsere gegenwärtigen Kenntnisse vom Lebenslauf  
des Aales (A. vulgaris) und ihre ökonomische  
Bedeutung. Int. Rev. Hydrobiol. Leipzig 1:  
488-498.
- ? 1910 Über die Wanderungen der Fische, insbesondere  
des Aals. As. Natur Leipzig 6:111-117, 149-154.
- FRASER, J.E.  
? 1890 Notes on the spawning of the Anguillae. Rep.  
Brit. Ass. 1890:866.
- FREEMAN, H.W.  
A 1952 New distribution records for fishes of the  
Savannah River Basin, South Carolina. Copeia  
1952:269.
- FREUD, S.  
? 1877 Beobachtungen über Gestaltung und feineren Bau  
der als Hoden beschriebenen Lappenorgane des  
Aals. Sitzb. K. Akad. Wiss. 75:419-430.
- FREUND, J. and W.F. SMITH, Jr.  
? 1934 Hemorrhages in skin lesions after intravenous  
injection of starch. Proc. Soc. Exp. Bio.  
Med. 31 (9):1104-1106.
- FRIEHE, A.  
? 1930 On the trail of the eel. Heimat 43 (1):5-12.
- FROST, G.A.  
? 1926 A comparative study of the otoliths of the  
Neopterygian fishes. Ann. Mag. Nat. Hist. 17  
(97):99-104.
- FROST, N.  
A 1939 Newfoundland fishes. A popular account of their  
life histories. (Parts 3 and 4.) Dep. Nat.  
Resources, Newfoundland, Service Bull. 8:34-45.
- FROST, WINNIFRED E.  
E 1944 Research on eels. Rep. Freshwater Biol. Ass.  
Brit. Empire 12:7-10.

- FROST, WINNIFRED E. (continued)
- E 1945 Eels are omnivorous and not so serious a predator (not actual title). Rep. Freshwater Biol. Ass. Brit. Empire 13:9-13.
- E 1945 The age and growth of eels (Anguilla anguilla) from the Windermere catchment area. Part 1. J. Anim. Ecol. 14 (1):26-36.
- E 1945 The age and growth of eels (A. anguilla) from the Windermere catchment area. Part 2. J. Anim. Ecol. 14 (2):106-124.
- E 1946 On the food relationships of fish in Windermere. Biol. Jaarb. Antwerpen 13:216-231.
- E 1946 Observations on the food of eels (Anguilla anguilla) from the Windermere catchment area. J. Anim. Ecol. 15 (1):43-53.
- E 1950 The Eel Fisheries of the River Bann, Northern Ireland, and observations on the age of the Silver Eels. J. Conseil, Copenhagen 16:358-383.
- E 1952 Predators on the eggs of char in Windermere. Salmon and Trout 136:192-196.
- O 1954 Observations on the biology of eels (Anguilla spp) of Kenya Colony, East Africa. Fish. Publ. London 6:1-28.
- ? 1957 A note on eels (Anguilla spp.) Piscator 38:1-3.
- O 1957 First record of the elver of the African eel Anguilla nebulosa labiata Peters. Nature (London) 179:594.
- E 1962 Einige Beobachtungen über Aale aus dem Windermere Fanggebiet, England. Z. Fischerei 10:599-607.
- E 1962 Diskussionsbeitrag über probleme in verbindung mit der Blankaalfischerei im Flusse Bann, Nordirland. Z. Fischerei 10 (8-10):609-610.
- J 1966 FUJITA, H., H. SUEMASA and Y. HONMA An electron microscopic study of the thyroid gland of the silver eel, Anguilla japonica. (A part of phylogenetic studies of the fine structure of the thyroid.) Arch. Histol. Jap. 27:153-163.

- J FUJITA, T. 1927 Studies on Myxosporidia of Japan. 5. On Myxosporidia in fishes of Lake Biwa. J. Coll. Agr. Hokkaido Imp. Univ. 16 (5):229-245.
- J 1927 Parasitic Nemathelminthes found in fishes of Lake Biwa (Japanese). Dobutsugaku Zasshi 39 (459):39-45.
- J 1929 The skin-disease of the eel. Annot. Zool. Jap. 12:245-254.
- J 1930 The skin-disease of the eel. Jap. J. Zool. 3:68.
- J \* FUKUDA, H. 1958 On the blood sugar of fresh water fish. Bull. Jap. Soc. Sci. Fish. 23:782-784.
- FUQUA, C.L. ? 1958 A report on the development of the freshwater fisheries of South Korea. Off. of the Economic Coordinator Korea, Branch of Fisheries, Seoul, S. Korea. 23p.

- GADEAU DE KERVILLE, H.
- E 1917 Recherches expérimentales sur la durée de la vie de l'Anguille commune (Anguilla anguilla) dans un milieu sec. Bull. Soc. Zool. Paris 42:115-117.
- GALLIFORD, A.L.
- E 1954 Eels from Freshfield Dunes, Lancashire. Northwest Nat. N.S. 2:643.
- GAMBARO, P.
- E 1942 Modificazioni istologiche di alcune ghiandole di anguille sottoposte a lungo digiuno. Atti Ist Veneto Cl. Sci. Mat. Nat. 101:297-304.
- E 1942 Action of prolonged starvation upon some glands in the eel. I. Liver, pancreas and spleen. Arch. Ital. Anat. Embriol. 46 (4):371-418.
- E 1943 L'azione del digiuno prolungato su alcuni organi ghiandolari dell'anguilla. II. Tiroide, corpuscoli di Stannius, rene. Arch. Ital. Anat. Embriol. 49:327.
- GEMEROY, D. and A. BOYDEN
- AE 1961 Preliminary report on precipitin tests with American and European eel sera. Bull. Serol. Mus. 26:7-8.
- GEMZOE, K.J.
- E \* 1908 Age and rate of growth of the eel. Rep. Danish Biol. Sta. 14:10-39.
- GERARD, P.
- ? 1941 Sur la structure et l'origine du ganglion de Locy chez les Anguillides. Arch. Biol. Liege 52:397-417.
- GERMAIN, L.
- ? 1927 La distribution géographique des Anguilles. Bull. Soc. Océanogr. France 7:666-671, 678-682.
- GERMAIN, L., L. JOUBIN and E. LE DANOIS
- ? 1923 Une esquisse du passe de l'Atlantique Nord. La Géographie 39:281-293.

- GIACOMINI, E.
- ? 1908 Sulla gonogenesi nelle Anguille. Intorno all'epoca dei differenziamento sessuale in questi Murenoidi. Sunto. Bologna Rend. Acc. Sci. 12:25-36.
- E 1908 Altre osservazioni intorno all'epoca del differenziamento sessuale nelle Anguille. Sunto. Bologna Rend. Acc. Sci. 12:170-171.
- E 1908 Sulla disposizione del sistema interrenale e del sistema feocromo nelle Anguille adulte, nelle Cieche e nei Leptocefali. Sunto. Bologna Rend. Acc. Sci. 12:172-175.
- E 1908 Intorno alla gonogenesi delle Anguille e all'epoca del differenziamento sessuale in questi Murenoidi. Riv. Mens. Pesca, Milano 10:59-67.
- E 1908 Il sistema interrenale e il sistema cromaffine (sistema feocromo) nelle Anguile adulte, nelle Cieche e nei Leptocefali. Bologna Mem. Acc. Sci. 6 (5):407-441.
- E 1909 I corpi postbranchiali nelle cieche e nelle Anguille adulte. Monit. Zool. Ital. Firenze 20:88-92.
- E 1909 Il sistema interrenale e il sistema cromaffine (feocromo) nelle Anguille adulte, nelle cieche e nei leptocefali. Monit. Zool. Ital. Firenze 20:92-93.
- GIBSON, C.
- ? 1959 Giant eels and eel-traps. Trout and Salmon 4 (43):14.
- GILL, T.
- ? 1890 The osteological characters of the Family Anguillidae. Proc. U.S. Nat. Mus. 13:157-160.
- A \* GILL, T.N.
- A \* 1908 Recent discoveries in the history of the common eel. Science (New York) 28:845-846.

- GILSON, G.  
E 1908 L'anguille, sa reproduction, ses migrations et son intérêt économique en Belgique. Ann. Soc. R. Zool. Malac. Belgique 43.
- GODEAUX, J.  
E 1944 Migration de l'Anguille. Nat. Amateur 1 (4): 40-43.
- GODFREY, H.  
A 1951 A report on the eel investigation for 1950-1951. Fish. Res. Bd. Can., MS Rep. Biol. Sta. 439.
- A 1956 Catches of fish in New Brunswick streams by direct current electro-fishing. Can. Fish Culturist 19:1-8.
- A 1957 Feeding of eels in four New Brunswick salmon streams. Fish. Res. Bd. Can. Atlantic Progr. Rep. 67:19-22.
- A GOLDSTEIN, L. and R.P. FORSTER  
1965 The role of urocolysis in the production of urea by fishes and other aquatic vertebrates. Comp. Biochem. Physiol. 14:567-576.
- GOLIKOVA, M.N.  
E 1960 Ecological and parasitological study of the biocoenosis of some lakes in the Kaliningrad region. 3. Parasite fauna of fish. Vestn. Leningr. Univ. (Biol.) 15 (9):110-121.
- E GOLLUB, H.  
1955 Über einige Möglichkeiten zur Intensivierung der Aalwirtschaft. Deut. Fisch. Zeit. 1955 (4):22-26.
- E 1957 Intensivierung des Aalbesatzes durch Zusammenschluss zu Aalbesatzgemeinschaften. Deut. Fisch. Zeit. 1957 (9):262-264.
- E 1959 On the eel-fostering measures carried out in the Schwerin district. Deut. Fisch. Zeit. 6 (3): 86-89.

- GOODE, G.B.  
AE \* 1881 Notes on the life-history of the eel, chiefly derived from a study of recent European authorities. Bull. U.S. Fish. Comm. 1881: 71-124.
- GORDON, B.L.  
? 1958 The homing eel, marvel of instinct. Frontiers 23:14-16.
- GRAFFLIN, A.L.  
A \* 1937 Observations upon the structure of the nephron in the common eel. Amer. J. Anat. 61 (1):21-62.
- ? 1937 The structure of the nephron in fishes. Representative types of nephron encountered; the problem of homologies among the differentiated portions of the proximal convoluted segment. Anat. Rec. 68 (3):287-302.
- GRASSI, B.  
E 1910 Contribuzione allo studio dello sviluppo dei Murenoidi I. Muraena helena. II. Di alcune uova e prelarve, che si potrebbe supporre appartenenti ad A. anguilla. Mem. Comit. Talassogr. Ital. Roma 1:1-16.
- E 1912 Ricerche sulle Anguille argentine allevate forzatamente in vasche di acqua dolce. Atti Acc. Lincei Roma 21 (2):675-677.
- E 1914 Quel che si sa a quel che non si sa intorno alla storia naturale dell'anguilla. Mem. Comit. Talassogr. Ital. Roma 37:50p.
- ? 1919 Riassunto di una Memoria riguardante la Storia Naturale dell'Anguilla. Atti Acc. Lincei Roma 28:313-319.
- ? 1919 Nuove ricerche sulla storia naturale dell'anguilla. Mem. Comit. Talassogr. Ital. Roma 67:141p.
- GRASSI, G.B. and S. CALANDRUCCIO  
? 1892 Le leptocefalide e la loro trasformazione in Murenide. Atti Acc. Pontif. Lincei 5 (1): 375-379.

- E GRASSI, B. and S. CALANDRUCCIO  
1893 Ulteriori ricerche sui Leptocefali. Atti  
Acc. Lincei 290:450-452.
- E 1896 Descrizione d'un Leptocephalus brevirostris  
in via di trasformarsi in Anguilla vulgaris.  
Atti Acc. Lincei 6 (6):(1):239.
- ? 1897 Fortpflanzung und Metamorphose des Aales.  
Allg. Fisch. Zeit. 22:402-428.
- ? 1903 Riproduzione e metamorfosi delle Anguille.  
Acquicolt. Lombarda Milano 5:57-58, 72-75,  
110-111, 160-168.
- GRAY, I.E. and F.G. HALL
- ? 1930 Blood sugar and activity in fishes with notes  
on the action of insulin. Biol. Bull. 58 (3):  
217-223.
- GRAY, J.
- E 1933 Studies in animal locomotion. I. The movement  
of fish with special reference to the eel.  
J. Exp. Biol. 10 (1):88-104.
- E 1933 Studies in animal locomotion. II. The relation-  
ship between waves of muscular contraction  
and the propulsive mechanism of the eel. J.  
Exp. Biol. 10 (4):386-390.
- E 1936 Studies in animal locomotion. IV. The neuro-  
muscular mechanism of swimming in the eel.  
J. Exp. Biol. 13 (2):170-180.
- E 1936 Studies in animal locomotion. V. Resistance  
reflexes in the eel. J. Exp. Biol. 13 (2):  
181-191.
- GREEN, W.J.
- O 1949 Eeling in New Zealand. Nat. Hist. New York  
58 (6):260-263.
- GREEN, C.W.
- ? 1926 The physiology of the spawning migration.  
Physiol. Rev. 6 (2):201-241.
- GRICKS, W.A.
- E 1954 Jellied eels in aspic. Food Manufacture 29  
(10):397-399.

- GRIEG, J.A.
- E \* 1908 Aalens Alder og Vaext. (Alter und Wachstum des Aals.) Bergen Norsk Fisket 27:441-446.
- E 1910 Larven von Anguilla und Conger vulgaris an der norwegischen Kuste. Bergen Nahiren 34: 349-350.
- GRILLO, M.A. and M. COGHE
- ? 1966 Phosphoserine phosphatase of vertebrates. Comp. Biochem. Physiol. 18 (1):169-173.
- GRODZINSKI, Z.
- E 1954 Contractions of the isolated heart of the European glass eel, Anguilla anguilla L. Bull. Acad. Polonaise Sci. Cl. II. 2 (1):19-22.
- GRUVEL, A.
- ? 1925 Quelques observations biologiques faites au cours d'un voyage d'études dans l'Afrique du Nord. I. La pêche aux coryphènes ou "Lampouka". II. Passage des anguilles à travers les clayonnages. Rev. Hist. Nat. Appliq. Paris 6:85-86.
- GUDGER, E.W.
- A 1950 Fishes in water pipes, and the why and how of their behavior. Amer. Midl. Nat. 43 (2):399-409.
- GUNNING, G.E. and C.R. SHOOP
- A 1962 Restricted movements of the American eel, Anguilla rostrata (LeSueur), in freshwater streams with comments on growth rate. Tulane Stud. Zool. 9 (5):265-272.
- GUNTHER, A.
- O 1866 Anguilla johannae, sp. n., from the Island of Johanna, A. amblodon, sp. n., from Seychelles. Fish. Zanz. 1866:124-125.
- O 1871 Anguilla obscura, sp. n. Proc. Zool. Soc. 1871:673.
- GYURKO, S.
- E 1961 L'anguille (A. anguilla L.) dans la rivière Crisul Negru (in Roumanian). Bull. Inst. Cercet. Pisc. 20 (1):44-47.

- HAAST, ?  
E O 1874 Records the appearance of a specimen of "glass eel" in New Zealand, which agreed with the Mediterranean, L. longirostris, Kaup. Trans. New Zeal. Inst. 7:238.
- HAEMPEL, O.  
E \* 1909 Einiges zur Anatomie und Physiologie der Schwimmblase beim Aal und den Renken. Zool. Anz. Leipzig 34:381-384.
- HAEMPEL, O. and ?. NEREISHEIMER  
E \* 1914 Über Alterbestimmungen und Wachstum des Aales. Z. Fischerei 14.
- HAGEN, F. von  
E 1936 Die wichtigsten Endokrinen des Flussaals. Thyreoidea, Thymus, und Hypophyse im Lebenszyklus des Flussaals (Anguilla vulgaris) nebst einigen Untersuchungen über das chromophile und chromophobe Kolloid der Thyreoidea. Zool. Jahrb. Abt. Anat. Ont. 61 (4):467-538.
- HALAS, M.  
E 1950 Fangstforsok etter nedgangsal høsten 1948. Aarsberetn. Norg. Fisk. 1949 (7):143-149.
- E 1953 Fangst og behandling av nedgangsal (blankal). Norway, Fiskeridirektoratets Skrifter, Fiskeri 3 (1).
- E 1958 Experimental fishing for eel in Borgenfjord, Inntrøndelg, during autumn 1957. Aarsberetn. Norg. Fisk. 1957 (9):70-73.
- HALL, T.S.  
O 1905 The distribution of the freshwater eel in Australia and its means of dispersal. Victorian Nat. 22:80-83.
- HAMADA, K., N. SUMITA, T. OKAZAKI, R. SHUKUYA, K. KAZIRO, S. SASAKAWA and K. SATAKE  
J 1964 Hemoglobins from erythrocytes of eel, A. japonica. J. Biochem. 55 (2):154-162.

- HANKE, W. and I.C. JONES  
E 1966 Histological and histochemical studies on  
the adrenal cortex and the corpuscles of  
stannius of the European eel (Anguilla anguilla  
L.). Gen. Comp. Endocrinol. 7:166-178.
- HANSEN, D.F.  
? 1943 A technique for measuring eels. Copeia 1943  
(1):50.
- HANSEN, I.B.  
? 1939 The experimental hormonal stimulation of the  
reproductive organs of the common eel. Bull.  
Mt. Desert Is. Biol. Lab. 25-26.
- HARDER, W., H. KOOPS and K. LILLELUND.  
E \* 1962 Tagging experiments with eels. Z. Fisch. 10  
(8/10):581-588.
- HARINGA, R. and C.G. DOBROVOLNY  
? 1942 Studies on the development of the kidney of  
the eel. Anat. Rec. 84 (4):463.
- HARRISON, A.C.  
? 1953 The age and scales of freshwater eels.  
Piscator 7:9-11.
- HARRY, R.R.  
? 1949 A new species of goby and new records of fishes  
from the Solomon Islands. J. Washington Acad.  
Sci. 39:140-146.
- HARTLEY, P.H.T.  
E 1940 The food of coarse fish. Freshwater Biol. Ass.  
Brit. Emp. Sci. Publ. 3:33p.
- E 1947 The coarse fishes of Britain. Freshwater Biol.  
Ass. Brit. Emp. Sci. Publ. 12:40p.
- E 1948 Food and feeding relationships in a community  
of fresh-water fishes. J. Anim. Ecol. 17:1-14.
- HASHIMOTO, Y. and T. OKAICHI  
J 1958 Trimethylamine oxide (TMO) in fish muscle.  
II. Trimethylamine oxide in the muscle of eels  
kept in fresh and brackish water (in Japanese  
with English summary). Bull. Jap. Soc. Sci.  
Fish. 24 (8):645-647.

- HASLER, A.D.
- ? 1956 Perception of pathways by fishes in migration.  
Quart. Rev. Biol. 31:200-209.
- ? 1960 Guideposts of migrating fishes. Science 132:  
785-792.
- HASLETT, A.W.
- ? 1959 Research report - new theory of eel migrations.  
Sci. News. Harmondsworth 52:112-115.
- HATEY, J.
- E 1954 Recherches sur le contrôle hypophysaire de  
l'interrénal antérieur d'un poisson téléostéen:  
l'Anguille (Anguilla anguilla L.). Variation  
de l'acide ascorbique de l'interrénal antérieur  
consécutive à l'hypophysectomie. Compt. Rend.  
Soc. Biol. 148:231-234.
- HATTOP, H.W.
- E 1962 Die Intensivierung des Aalfanges durch Anwendung  
von Elektrofangeraten. Z. Fischerei 10  
(8-10):665-670.
- HAVINGA, B.
- E 1948 The development of the fish population in the  
IJsselmeer (Holland). Visserij Nieuws 1 (3):  
30-32, (4) 45-46.
- HAYES, F.R. and D.A. LIVINGSTONE
- A 1955 The trout population of a Nova Scotia lake as  
affected by habitable water, poisoning of  
the shallows and stocking. J. Fish. Res. Bd.  
Canada 12 (4):618-635.
- HEDERSTROM, H.
- E 1959 Observations on the age of fishes. Rep. Inst.  
Freshwater Res. Drottningholm 40:161-164.
- HELDT, H.
- E 1931 Le fumage de l'anguille, industrie possible  
dans les pays Méditerranéens. Notes Sta.  
Océanogr. Salammbô Tunis 21:1-27.
- HELDT, H. and H. HELDT
- E 1928 Premières captures de civelles dans le lac de  
Tunis. Notes Sta. Océanogr. Salammbô Tunis  
9:1-8.

- E HELDT, H. and H. HELDT (continued)
- E 1929 Elvers of the Lake of Tunis. Sta. Océanogr. Salammbô Bull. 14:1-41.
- E 1929 Studies on the elvers of Sidi-Daoud (Cape Bon), Tunisia. Sta. Océanogr. Salammbô Bull. 16:1-23.
- E 1930 Sur les modalités de l'empoissonnement en anguilles du lac de Tunis. Notes Sta. Océanogr. Salammbô Tunis 13:5-12.
- E HEMSEN, J.
- E 1961 On the biology and fishery of eel. Svensk Fisk. Tidskr. 70 (10):134-136.
- E HENDERSON, G.T.D.
- E \* 1961 Continuous plankton records: Contributions toward a planktonatlas of the north-eastern Atlantic and the North Sea. Part V. Young fish. Bull. Mar. Ecol. 5:105-111.
- E HENKING, H., H. LUBBERT and P. SCHIEMENZ
- E 1908 Der Aalfang in den Lagunen von Commacchio und Venedig. Mitt. Deut. Seefisch. Vereins. 8.
- E HERMANN, G.
- E \* 1961 The eel-economy in Schleswig-Holstein. Allg. Fischwirtschaft Zeit. 13 (24):14-16.
- E HERMES, O.
- E 1881 An account of the male organs of Conger and A. vulgaris. Zool. Anz. 4:39-44.
- ? 1886 The Migrations of eels. (Transl. from German). Rep. U.S. Fish. Comm. 12:1123-1126.
- E HERMES, S.B.
- E \* 1880 Genitals and sexual discrimination. Nat. Fr. 1880:27.
- E HEROLD, W.
- E \* 1933 Über einen Zug von Jungaaalen in der Swine. Zool. Anz. Leipzig 101:161-164.
- HERRE, A.W.
- ? 1939 A New Guinea eel-fair. Science 71 (1827):16.

- E HESSLE, C.  
E 1929 Fish marking experiments with cod, flounder, and eel on the Baltic coast of Sweden (English summary). *Medd. Kgl. Lantbruksstyrelsen* 278:1-37.
- E 1931 Undersökningar over alens storlek i bottengarn utsatta pa olika djup. *Svensk Fisk. Tidskr.* 3: 22-25.
- E 1931 Undersökningar rorande alens vandring i Kalmarsund. *Svensk Fisk. Tidskr.* 6:54-57.
- E 1933 Alfiskets beroende av vind, strom och manens faser. *Svensk Fisk. Tidskr.* 13:145-149.
- E HEUSCHMANN, O.  
E \* 1955 Our river eel and Wegener's continental shift theory. *Allg. Fisch. Zeit.* 11 (80):3.
- E HEUSDEN, G.P.H.  
E 1943 De trek van den glasaal naar het IJsselmeer. Ph.D. Thesis, Univ. Utrecht. 152p.
- J HIBIYA, T.  
J 1961 Gill absorption and tissue distribution of some radionuclides (Cr-51, Hg-203, Zn-65 and Ac-110) in fish. *Bull. Jap. Soc. Sci. Fish.* 27 (11): 996-1000.
- J HIGASHI, H., A. HIRAO, J. YAMADA, R. KIKUCHI, H. NOGUCHI and S. IIZUKA  
J 1960 Studies on fluctuation of the vitamin A content in fishes.III. Vitamin A feeding test on eel (in Japanese with English summary). *Bull. Tokai Reg. Fish. Res. Lab.* 27:61-66.
- J HIGASHI, H. et al  
J 1960 Studies on fluctuation of the vitamin A content in fishes.IV. Vitamin A and lipids in eel (in Japanese with English summary). *Bull. Tokai Reg. Fish Res. Lab.* 28:217-230.
- A HILDEBRAND, S.F. and W.C. SCHROEDER  
A 1927 Fishes of Chesapeake Bay. *Bull. U.S. Bureau Fish.* 43 (1):111-115.
- E HILLAS, A.B.E.  
E 1905 Summary of reports relative to eel fry. *Ireland Fish. Sci. Invest.* 2:1-5.

- J HIRAO, S., J. YAMADA and R. KIKUCHI  
1955 Vitamin A in fish meat. IV. Vitamin A content in the skin of fishes (in Japanese with English summary). Bull. Jap. Soc. Sci. Fish. 21 (6):454-457.
- J 1957 Carotenoids in fish, the distribution of xanthophylls in various fishes (in Japanese with English summary). Bull. Tokai Reg. Fish. Res. Lab. 16:53-58.
- J 1960 On improving the efficiency of feed for fish culture. I. Transit and digestibility of diet in eel and rainbow trout observed by use of P<sup>32</sup> (in Japanese with English summary). Bull. Tokai Reg. Fish. Res. Lab. 27:67-71.
- J HIYAMA, Y.  
1952 Thermotaxis of eel fry in stage of ascending river mouth. Jap. J. Ichthyol. 2 (1):23-30.
- AE \* HJORT, J.  
1910 Eel larvae from North Atlantic. Nature (London) 85:104.
- O\* HOBBS, D.F.  
1947 Migrating eels in Lake Ellesmere. Trans. Roy. Soc. New Zeal. 77 (5):228-232.
- ? HOEK, P.P.C.  
1908 Aalarven i glasaaltjes en Montees. Med. Vissch. Helder 15:77-82.
- A HOLMGREN, U.  
1959 On the caudal neurosecretory system of the eel, Anguilla rostrata. Anat. Rec. 135 (1):51-60.
- E HOLT, E.W.L.  
1906 Summary of reports relative to eel fry. Ireland Fish. Sci. Invest. 8:1-11.
- E 1909 The freshwater eel. A review of recent contributions to knowledge of its life history. Sci. Invest. Fish. Ireland (1907).

- HONMA, Y.
- ? 1958 On two new specimens of catadromous eels from the Sea of Japan, with special reference to its pituitary gland. Bull. Jap. Soc. Sci. Fish. 24 (2):87-92.  
1/
- HOPKINS, C.E.P.
- E 1932 Eels attacking salmon in Scotland. Copeia 1932 (3):156-157.
- HOPKINS, S.H.
- ? 1934 Studies on Crepidostomum. III. Crepidostomum brevivitellum n. sp. J. Parasitol. 20 (5): 295-298.
- HORISAKA, K.
- J 1963 On the free histidine and its derivatives in various fish muscles. 1. On the isolation of histidine and its derivatives from muscle of A. japonica, N. macropterus, G. kidako, Ophicephalus argus and Cypselurusagoo. J. Biochem. 54 (4):349-354.
- HORNYOLD, A.G.
- E 1916 Observations sur les Anguilles du marche de Lisbonne. Lisbonne Bul. Soc. Portug. Sci. Nat. 7:172-183.
- E 1916 Les Anguilles de la Ria de Aveiro. Lisbonne Bul. Soc. Portug. Sci. Nat. 7:184-197.
- E 1916 Algunas observaciones sobre la Anguila en Valencia. Ann. Inst. Gen. Valencia 1916:1-43.
- E 1918 Algunas observaciones sobre la anguila en Mallorca. Bol. Pescas Madrid 1918:63.
- E 1918 Algunas escamas anormales de la anguila. Bol. Pescas Madrid 1918:207-212.
- E 1918 Experiencias sobre la formacion de la pseudoaleta caudal en la Angula. Bol. Pescas Madrid 1918:263-267.
- E 1920 Observaciones sobre la edad de Anguilas pequenas de la Albufera de Valencia. Madrid Bol. Soc. Esp. Hist. Nat. 20:362-368.

1/ See Appendix

- HORNYOLD, A.G. (continued)
- E 1920 El crecimiento de la anguila en relacion con el de sus escamas. Bol. Pescas Madrid 1920:23.
- E 1920 Algunas observaciones sobre la anguila en Plama de Mallorca. Bol. Pescas Madrid 1920: 128.
- E 1920 Sobre las angulas del Perello (albufera de Valencia). Ann. Inst. Gen. Valencia 1920:32.
- E 1921 Determacion de la edad en algunas anguilas plateadas (maresas) de la Albufera de Valencia. Ann. Inst. Gen. Valencia 1921:27.
- E 1921 Las anguilas de las estancas de Alcaniz y Chiprana. Bol. Pescas Madrid 1921:8.
- E 1921 Determinacion de la edad en las Anguilas del río Urumea. Trab. Real. Soc. Ocean, Guipuzcoa 1921:27.
- E 1922 Recherches sur l'âge et la croissance de quelques anguilles argentées de l'Albufera de Valencia (Espagne). Ann. Biol. Lacustre Bruxelles 11:102-129.
- E 1922 L'âge et la croissance de quelques Anguilles du Sil près de Ponferrada (prov. de Leon, Espagne). Ann. Biol. Lacustre Bruxelles 11: 196-207.
- E 1922 The age and growth of some eels from a small Worcestershire pond. J. Roy. Microscop. Soc. 1922:9-26.
- E 1923 La edad de algunas anguilas de los alrededores de Castellon. Bol. Soc. Esp. Hist. Nat. Madrid 23:238-243.
- E 1923 L'âge et la croissance de quelques Anguilles du Jucar et des rizières près de Cullera (Valencia). Ann. Biol. Lacustre Bruxelles 12: 75-82.
- E 1923 Mensuraciones de civelles (anguilas) du Llobregat. Treb. Mus. Cien. Nat. Barcelona 7 (2):24.

- HORNYOLD, A.G. (continued)
- E 1923 Recherches sur l'âge et la croissance de quelques Anguilles de la Garonne pêchées près de Toulouse. Bul. Soc. Hist. Nat. Toulouse 51:613-626.
- E 1924 Observaciones sobre la edad y crecimiento de la anguila del Mar Menor. Rev. Ibérica Tortosa 541:7.
- E 1924 Observaciones sobre la edad y el crecimiento de la anguila del Guadalquivir, en Sevilla. Bol. Soc. Esp. Hist. Nat. Madrid 24:357-362.
- E 1924 L'âge et la croissance de quelques Anguilles pêchées dans l'Ebro à Gallus. Rev. Hydrol. Aarau 2:209-216.
- E 1924 Observations sur l'âge et la croissance des Anguilles pêchées sur les bancs d'Huitres d'Arcachon. Bul. Sta. Biol. Arcachon Bordeaux 21:25-32.
- E 1925 Mensurations de civelles de la Loire. Bul. Soc. Cent. Aquic. Pêche Clermont 1925:1-4.
- E 1925 L'âge et la croissance de quelques petites anguilles pêchées dans la Baie de Santander. Bull. Soc. Zool. France 49:486-495.
- E 1925 Observations sur des Anguilles jaunes du Rhin à Augst. Trav. Comm. Suisse-Badoise Pêche Haut-Rhin 7:11p.
- E 1925 Sex of eels. Compt. Rend. Ass. Franc. Avanc. Sci. 49:422-424.
- E 1926 Observations on yellow eels of the Rhine at Augst. Actes Soc. Helvetique Sci. Nat. 107: 224-225.
- E 1926 Una experienca sobre la reduccion en longitud y peso durante el desarrollo de la pigmentacion en la angula. An. Inst. Nac. Ensenanza Valencia 14 (60):3-13.
- E 1926 Otoliths of large eels from the Albufera of Valencia. J. Roy. Microscop. Soc. 46 (1):17-23.

- HORNYOLD, A.G. (continued)
- E 1926 Observations on small eels at Cette. Bull. Inst. Océanogr. Monaco 485:7p.
- E 1926 La nourriture de l'anguille. Bull. Soc. Centr. Aquicult. Pêche Paris 33:37-38.
- E 1926 L'âge et la croissance de quelques petites anguilles jaunes de la Sarthe. Bull. Soc. Centr. Aquicult. Pêche Paris 33:81-85.
- E 1927 La biologie de l'Anguille. Bull. Soc. Centr. Aquicult. Pêche Paris 1927 (4-6):1-8.
- E 1927 Reduction in length and weight of the elver during pigment formation. Ann. Biol. Lacustre 1926 (15):105-110.
- E 1927 Intestinal parasites of the Spanish eel. An. Inst. Nac. Ensenanza Valencia 15 (63):1-8.
- E 1927 Observations sur des civelles de l'Adour à Bayonne. Bull. Soc. Hist. Nat. Toulouse 56: 483-490.
- E 1927 Une expérience sur la reduction chez la Civelle pendant le développement du pigment. Bull. Soc. Océanogr. Paris 38:5.
- E 1927 Observations on the length of elver during the winter of 1925-6. Bull. Sta. Biol. Arcachon Bordeaux 24 (1):91-94.
- E 1927 Otoliths of large eels from the Rhine. J. Roy. Microscop. Soc. 47 (3):250-252.
- E 1927 Observaciones sobre anguilas de algunas localidades valencianas (Chelva, Pinedo, Alacuas, Antella y Cullera) y de Murcia. Trab. Lab. Hidrobiol. Espanola 32:1-14.
- E 1927 Observations sur le sexe des Anguilles dans les fleuves d'Espagne. Verh. Int. Ver. Limnol. Stuttgart 3:186-190.
- E 1928 Observations sur l'âge et la croissance de l'Anguille des Valli de la Brenta. Arch. Zool. Torino 12:133-156.

- HORNYOLD, A.G. (continued)
- E 1928 Edad y crecimiento de la Anguila en la Ria de Arosa. Asoc. Espan. Prog. Ciencias 1928: 109-112.
- E 1928 Observations sur le sexe et la croissances de la petite Anguille des Marais de la Grande Briere. Bull. Soc. Centr. Aquicult. Pêche 7-9:1-19.
- E 1928 Observations sur l'âge et le sexe de la petite anguille du Château d'Oléran (Charente-Inférieure). Bull. Soc. Centr. Aquicult. Pêche 10-12:1-12.
- E 1928 Mensurations de civelles d'Ascain, Renteria et Orio. Bull. Soc. Hist. Nat. Toulouse 57: 189-196.
- E 1928 Mensurations comparées de 2 pêches de civelles du bassin d'Arcachon en 1925 et 1927. Bull. Soc. Sci. Arcachon 25:43-49.
- E 1928 Observations sur des anguilles jaunes du Rhin à Augst. Bull. Suisse Piscicult. 28:1-4.
- E 1928 Les otolithes de quatre grandes anguilles. Compt. Rend. Ass. Franc. Advanc. Sci. 52:412-415.
- E 1928 Observations sur quelques Anguilles jaunes capturées dans le Haut-Rhin, à Augst. Rev. Suisse Zool. Genève 35:259-264.
- E 1928 Observations sur l'âge et la croissance de la petite anguille jaune de l'Urmea. Z. Hydrol. 4 (3/4):123-130.
- E 1929 The medicinal use of eels after the translation into Spanish of Pliny the younger by Jeronimo de Huerta, Salamanca, 1603. Verh. Schwei. Naturforsch. Ges. 110:221.
- E 1929 L'âge et le sexe de quelques petites anguilles jaunes de la baie de Pasages (Espagne). Bull. Soc. Centr. Aquicult. Pêche 4-6:5p.
- E 1929 Sur la possibilité de calculer la croissance chez l'anguille par les écailles. Bull. Soc. Centr. Aquicult. Pêche 4-6:11p.

- HORNYOLD, A.G. (continued)
- E 1929 Une nouvelle méthode pour marquer les Anguilles:  
le tatouage. Bull. Soc. Centr. Aquicult.  
Pêche 4-6:3p.
- E 1929 L'âge et la croissance de quelques anguilles  
jaune de taille moyenne, du Haut-Rhin. Rev.  
Suisse Zool. Genève 36:189-191.
- E 1929 Les otolithes de quelques anguilles de grande  
tailles du Haut-Rhin. Rev. Suisse Zool. Genève  
36:193-198.
- E 1929 Une nouvelle méthode pour marquer des anguilles.  
Le tatouage. Rev. Suisse Zool. Genève 36:199-200.
- E 1929 Le sexe de l'anguille dans les eaux intérieures.  
Int. Congr. Zool. Budapest 10:783-786.
- E 1929 Intestinal parasites of the eel in Spain.  
Int. Congr. Zool. Budapest 10:995-997.
- E 1929 Mensurations comparées de civelles de l'Oria  
au mois d'octobre en 1925 et 1928. Bull. Soc.  
Hist. Nat. Toulouse 48:67-73.
- E 1929 The scales of an eel kept in captivity for more  
than 24 years. Bull. Soc. Hist. Nat. Toulouse  
58: (2):137-138.
- E 1929 Mensurations de civelles de l'Oria pêchées en  
septembre 1928. Bull. Soc. Océanogr. Paris 9:  
852-856.
- E 1929 Observations sur la taille et le sexe de la  
petite anguille argentée de l'Etang de Thau en  
1927-1928. Bull. Soc. Océanogr. Paris 9:876-879.
- E 1929 Mensurations de civelles de l'Oria pendant la  
saison de pêche 1928-29. Bull. Soc. Océanogr.  
Paris 9:897-908.
- E 1929 Observations sur la taille, le sexe et l'âge de  
la petite anguille argentée de l'Etang de Thau.  
Compt. Rend. Ass. Franc. Advanc. Sci. 53:440-441.
- E 1929 The possibility of marking eels by tattooing.  
Bull. Soc. Phylomath. Paris 18 (1):25-26.

HORNYOLD, A.G. (continued)

- E 1929 Measurements of Leptocephali in the fishing season 1928-1929 in the Bassin d'Arcachon. Bull. Sta. Biol. Arcachon 26:421-431.
- E 1929 Recherches sur le sexe et l'âge de la petite anguille jaune en Anjou. Bull. Soc. Zool. France 54:214-245.
- E 1930 Una pesca de angulas de Aquinaga, del 24 de junio. Bol. Soc. Esp. Hist. Nat. 30 (10): 493-499.
- E 1930 Une expérience sur la formation de la pseudorangeoire caudale chez l'anguille. Bull. Soc. Centr. Aquicult. Pêche 37:33-39.
- E 1930 Le sexe et la croissance de la petite anguille de la roubine du Pont de Rousty (Camarque). Bull. Soc. Centr. Aquicult. Pêche 37:40-50.
- E 1930 Mensurations de deux pêches de civelles de la Loire et considérations sur la taille et le poids de la civelle en 1928-1930. Bull. Soc. Centr. Aquicult. Pêche 37:97-106.
- E 1930 Mensurations d'une peche de civelles de la Loire en mars 1929. Bull. Soc. Hist. Nat. Toulouse 60 (1):226-230.
- E 1930 Mensurations de civelles de Mex pêchées en mars 1928, près d'Alexandrie. Bull. Soc. Océanogr. Paris 10:936-940.
- E 1930 Mensurations de civelles de l'Oria pendant les saisons de pêches 1928-1929 et 1930-1931. Bull. Soc. Océanogr. Paris 10:1012-1023.
- E 1930 Recherches sur la taille et le sexe de la petite anguille argentée du Lac de l'Ischeul. Notes Sta. Océanogr. Salammbo 11:15p.
- E 1930 Recherches sur l'âge, la croissance et le sexe de la petite anguille argentée du Lac de Tunis. Bull. Sta. Océanogr. Salammbo 17:50p.
- E 1930 Les otolithes de cinq grandes Anguilles du Lac de L'Isckeul (Tunisia). Compt. Rend. Ass. Franc. Advanc. Sci. 54:252-256.

- HORNYOLD, A.G. (continued)
- E 1930 The otoliths of small eels from the Rhine.  
J. Roy. Microscop. Soc. 50 (4):420-423.
- E 1930 Measurements of several little silver colored female eels from the lake of Tunis. Rev. Hist. Nat. Part. B. Aquicult. Ent. Aquar. Terrar. 11 (12):397-399.
- E 1931 A catch of elvers at Aguinaga, Spain, on May 30.  
Bol. Soc. Espan. Hist. Nat. 31 (8):567-573.
- E 1931 Sur la formation des zones des écailles chez la petite anguille jaune des étangs de Thau, d'Ingril et de Vic. Bull. Soc. Zool. France 56:118-126.
- E 1931 Mensurations d'une pêche de civelles de Sète.  
Bull. Soc. Zool. France 56:347-354.
- E 1931 Observations sur la remonte de la petite anguille jaune à Augst en 1929 et sur les otolithes anormaux d'Anguilles de petite taille.  
Rev. Suisse Zool. Genève 38:77-87.
- E 1931 La taille des plus petites Anguilles femelles argentées du Lac de Tunis. Verh. Int. Ver. Theorét. Limmol. Stuttgart 5:335-336.
- E 1931 L'usage médicinal de l'Anguille d'après un dictionnaire populaire de médecine et de chirurgie de 1716. Verh. Schweiz. Naturforsch Ges. 112:371-373.
- E 1931 Mensurations des civelles d'Aguinaga en octobre et décembre 1930. Bull. Soc. Hist. Nat. Toulouse 61:387-400.
- E 1931 On the preparation of eel scales. J. Roy. Microscop. Soc. 51 (3):266-267.
- E 1931 Observations sur la petite Anguille de l'Etang de Vaccarès. Bull. Soc. Acclim. Paris 78:196-204.
- E 1931 Mensurations d'une pêche de civelles faite en juin 1930 à Aguinaga (Espagne). Bull. Soc. Centr. Aquicult. Pêche 38:7-13.

- HORNYOLD, A.G. (continued)
- E 1931 Une expérience sur le sexe de la petite anguille de repeuplement de la Grande Brière. Bull. Soc. Centr. Aquicult. Pêche 38:24-27.
- E 1931 Le sexe, la croissance et la formation des zones des écailles de la petite Anguille jaune des étangs de Thau, d'Ingril, de Vic, et de Vaccares. Bull. Soc. Centr. Aquicult. Pêche 38:35-43.
- E 1931 Mensurations de civelles de la Loire en janvier, février et mars 1931. Bull. Soc. Centr. Aquicult. Pêche 38:113-120.
- E 1931 The otoliths of some large eels from the Lake of Tunis. Proc. Zool. Soc. London 1930 (4): 1071-1076.
- E 1931 Le sexe de la petite anguille de repeuplement du Marais de la Grande Brière après un séjour de trois ans dans un aquarium du Muséum. Bull. Mus. Nat. Hist. Nat. Paris 3 (5):423-432.
- E 1931 I. Les otolithes de quatre grandes anguilles de L'Etang d'Ingril (Hérault). II. Le sexe et la croissance de quelques anguilles jaunes de la Saône. Compt. Rend. Ass. Franc. Advanc. Sci. 55:262-266.
- E 1932 Sur l'usage médicinal de l'anguille aux XVI<sup>e</sup>-XVIII<sup>e</sup> siècles. Verh. Schwei. Naturforsch. Ges. 113:450-452.
- E 1932 Mensurations de deux pêches de civelles de la Loire. Verh. Schwei. Naturforsch. Ges. 113: 379-385.
- E 1932 L'âge et la croissance de 10 anguilles argentées de la Loire. Compt. Rend. Ass. Franc. Advanc. Sci. 56:280-281.
- E 1932 Mensurations d'une pêche de Civelles de l'Oria du 25 aout 1930. Int. Rev. Ges. Hydrobiol. Hydrogr. 26 (3/4):258-264.
- E 1932 Deux pêches de civelles d'Aguinaga en novembre 1931. Bull. Soc. Zool. France 57:167-173.

- HORNYOLD, A.G. (continued)
- E 1932 Le sexe de la petite Anguille de repeuplement du Marais de la Grande Brière après un séjour de trois et quatre ans dans un aquarium du muséum. Bull. Mus. Hist. Nat. Paris 4:63-70.
- E 1932 Observations sur le sexe de la petite Anguille jaune dans l'Etang de Thau. Bull. Soc. Océanogr. Paris 67:1196-1199.
- E 1932 Une expérience sur le sexe de la petite Anguille de repeuplement de la Grande Brière. Bull. Soc. Centr. Aquicult. Pêche 39:24-27.
- E 1932 Variations de taille et de poids chez la civelle de 2 régions du golfe de Gascogne. Bull. Soc. Centr. Aquicult. Pêche 39:46-57.
- E 1932 Mensurations de deux pêches de civelles de Saint-Nazaire et d'Anguinaga. Bull. Soc. Centr. Aquicult. Pêche 39:74-78.
- E 1932 The otoliths of eight small eels from the Etang de Vaccares. J. Roy. Microscop. Soc. 52 (1): 20-25.
- E 1932 Observations sur l'Anguille du Caumasee. Bull. Suisse Pêche Pisc. 23.
- E 1933 Deux pêches de civelles de novembre 1932. Bull. Soc. Zool. France 58:202-209.
- E 1933 Mensurations de civelles de Mex près d'Alexandrie. Mém. Inst. Egypte 21:265-278.
- E 1933 The otoliths of eight eels of the Foiba. J. Roy. Microscop. Soc. 53 (1):20-24.
- E 1933 The otoliths of eight small yellow eels from the Etang de Thau. J. Roy. Microscop. Soc. 53 (4):323-327.
- I 1933 La civelle. Bull. Soc. Océanogr. Paris 71: 1249-1256.
- E 1933 Mensurations de civelles de Sète et de la Loire pêchées les 18 et 19 mars 1932. Arch. Zool. Exp. Gén. 75 (23):359-367.

- HORNYOLD, A.G. (continued)
- E 1933 Mensurations de civelles d'Aguinaga en 1931-32.  
Bull. Suisse Pêche Piscicult. 1933:1-6.
- E 1933 Un usage médicinal de l'anguille en Islands.  
Act. Soc. Helv. Sci. Nat. Altdorf 1933:434-435.
- E 1933 L'usage du sang d'anguille contre l'ivrognerie  
en Anjou. Act. Soc. Helv. Sci. Nat. Altdorf  
1933:435-436.
- E 1933 Mensurations de civelles pigmentées d'Aguinaga  
(Spain). Compt. Rend. Soc. Phys. Hist. Nat.  
Genève 50 (1):13-16.
- E 1933 Deux pêches de civelles de Sète du 16 mars 1931  
du 18 mars 1932. Bull. Soc. Hist. Nat.  
Toulouse 65 (1):127-132.
- E 1933 Le sexe d'anguilles mâles argentées après trois  
ans de captivité. Bull. Soc. Hist. Nat.  
Toulouse 64 (2):395-400.
- E 1933 La dernière anguille survivante de l'expérience  
de 1928, à l'institut de pisciculture de Toulouse.  
Bull. Soc. Hist. Nat. Toulouse 65 (4):592-596.
- E 1933 Osservazioni su alcune anguille della Foiba e  
del Timavo. Not. Ist Biol. Mar. Rovigno  
Venezia 2:1-8.
- E 1933 Eta e accrescimento delle piccole anguille de  
l'porto di Rovigno. Not. Ist Biol. Mar. Rovigno  
Venezia 7:29.
- E 1933 Osservazioni sull' eta e l'accrescimento della  
piccola anguilla argentina di Grado e di Marano  
Lagunare. Not. Ist Biol. Mar. Rovigno  
Venezia 8:29.
- E 1933 Deux pêches de civelles de juin et aout 1932  
à Aguinaga (Espagne). Bull. Soc. Centr. Aquicult.  
Pêche 40:6-12.
- E 1933 Variations comparatives de taille et de poids  
de la poids de la civelle d'Aguinaga (Espagne)  
pêchée le 29 et le 30 septembre 1932. Bull.  
Soc. Centr. Aquicult. Pêche 40:56-59.

- HORNYOLD, A.G. (continued)
- E 1933 Les otolithes de 8 anguilles du Caumasee (Grisons). Rev. Suisse Zool. Genève 40:273-279.
- E 1933 Les otolithes de trois grandes anguilles jaunes des lacs italiens. Compt. Rend. Ass. Franc. Advanc. Sci. 57:304-307.
- E 1934 Observations sur la civelle d'Arcachon de l'hiver 1932. Bull. Sta. Biol. Arcachon 31:107-115.
- E 1934 Une méthode facile pour tuer les anguilles et pour préparer les écailles. Verh. Int. Ver. Theoret. Angew. Limnol. Stuttgart 6 (2):383-385.
- E 1934 Observations sur la taille et le sexe de la petite anguille argentée des Valli de Comacchio. Bull. Soc. Océanogr. Paris 80:1398-1401.
- E 1934 Observations sur la croissance et le sexe de la petite anguille jaune de l'Etang de Mauguio ou de l'Or (Hérault). Bull. Soc. Zool. France 59:246-253.
- E 1934 La civelle de la Loire du 11 mars 1933. Bull. Soc. Centr. Aquicult. Pêche 41:22-27.
- E 1934 Observations sur la taille et le sexe de 2 cents petites Anguilles argentées des Valli de Comacchio. Bull. Soc. Centr. Aquicult. Pêche 41:43-50.
- E 1934 La civelle de Sète de janvier et février 1934. Bull. Soc. Centr. Aquicult. Pêche 41:71-76.
- E 1934 Observations sur la civelle dans les grottes de Postuma (Istrie). Bull. Soc. Centr. Aquicult. Pêche 41:77-78.
- E 1934 Méthodes pour tuer rapidement l'anguille. Bull. Soc. Centr. Aquicult. Pêche 41:118-124.
- E 1934 Les otolithes de 8 anguilles du Lago dell'Arsa (Istrie). Rev. Suisse Zool. Genève 41:455-463.
- E 1934 Observations sur la taille et le sexe de 400 petites Anguilles argentées à Ponte-Tresa (Tessin). Verh. Schwei. Naturforsch. Ges. 115:362-366.

- HORNYOLD, A.G. (continued)
- E 1934 L'usage médicinal de l'anguille et des otolithes de la perche d'après le Dispensatorium Pharmaceuticum Austriaco Viennense, Wien, 1729. Verh. Schwei. Naturforsch. Ges. 115:438-440.
- E 1935 Civelles incolores et pigmentées de la Loire en 1934. Bull. Soc. Centr. Aquicult. Pêche 42:41-48.
- E 1935 Le sexe et la croissance de la petite anguille jaune du marais de la Grand Mar (Camarque). Bull. Soc. Centr. Aquicult. Pêche 42:73-84.
- E 1935 Observations sur la civelle d'Aguinaga en 1932-1933. Bull. Soc. Hist. Nat. Toulouse 67:40-50.
- E 1935 La civelle d'Arcachon et d'Aguinaga, des 22 et 23 février 1935. Bull. Sta. Biol. Arcachon 32: 173-181.
- E 1935 Observations sur la civelle du Golfe de Gascogne pendant la saison de pêche 1934-1935. Compt. Rend. Ass. Franc. Advanc. Sci. 59:333-338.
- E 1935 La longévité de l'anguille en liberté et en captivité. Bull. Soc. Nat. Acclim. France 82 (4):98-107.
- E 1935 Usages médicinaux de l'anguille d'après le Dr. Georg Handsch von Limus 1529-1579. Verh. Schwei. Naturforsch. Ges. 116:394-395.
- E 1935 Différence de taille et de poids entre la civelle de la Méditerranée et celle de l'Atlantique en janvier et février 1934. Verh. Int. Ver. Limnol. Beograd 7:645-652.
- E 1935 Observations sur la croissance et le sexe de la petite anguille jaune de l'Etang de Bages et Sigean. Bull. Soc. Zool. France 60:49-59.
- E 1935 Observations sur le sexe, l'âge et la croissance de 315 petites anguilles du Lago Trasimeno. Riv. Biol. Firenze 18:177-190.

HORNYOLD, A.G. (continued)

- E 1936 Vingt années de recherches sur l'anguille (1916-1936). Lugano 23p.
- E 1936 The otoliths of 8 small silver eels from the Valli (Lagunes) of Commacchio. J. Roy. Microscop. Soc. 56 (3):154-157.
- E 1936 Le sexe, l'âge et la croissance de la petite anguille de l'étang de Scamandre, dit des Iscles (Gard). Bull. Soc. Centr. Aquicult. Pêche 43: 35-40.
- E 1936 Civelles pigmentées de la Loire de mars et mai 1935. Bull. Soc. Centr. Aquicult Pêche 43:108-114.
- E 1936 La civelle d'Aquinaga de 1935 à 1936. Bull. Soc. Océanogr. France 16:1597-1599.
- E 1936 La taille maximum de la civelle du Golfe de Gascogne. Bull. Soc. Océanogr. France 16: 1569-1571.
- E 1936 Civelles pigmentées de la Loire de mars et mai 1935. Bull. Soc. Océanogr. France 43: 108-114.
- E 1936 Observations sur le nombre de zones des écailles de quelques anguilles. Bull. Soc. Océanogr. France 43:115-118.
- E 1936 Observations sur la montée de la civelle dans l'Orio. Bull. Soc. Océanogr. Paris 37:1505-1506.
- E 1936 La civelle de Sète de décembre 1934 à mars 1935. Bull. Soc. Hist. Nat. Toulouse 69:69-76.
- E 1936 Observations sur le sexe, l'âge et la croissance de la petite anguille du Canal du Rhône à Gallician (Gard). Bull. Soc. Zool. France 60: 473-481.
- E 1936 Les otolithes de six grandes anguilles du Lac de Trasimene. Bull. Soc. Zool. France 61:248-252.
- E 1936 Une grande anguille de Ponte-Tresa (Tessin). Bull. Suisse Pêche Piscicult. 37.

- HORNYOLD, A.G. (continued)
- E 1937 Recherches sur l'âge et la croissance de 260 petites anguilles de l'Etang de Berre. Bull. Inst. Océanogr. Monaco 713:15p.
- E 1937 Recherches sur l'âge et la croissance de 260 petites anguilles de l'Etang de Berre. Bull. Inst. Océanogr. Monaco 718.
- E 1937 Observations sur le nombre de zones des écailles de 12 grandes anguilles de l'Etang de Berre. Bull. Inst. Océanogr. Monaco 725:39p.
- E 1937 Les écailles et les otolithes d'une anguille de 106 cm. de l'Etang de Berre. Bull. Inst. Océanogr. Monaco 734:8p.
- E 1937 Civelles d'Aguinaga du 29 juillet 1934. Bull. Soc. Zool. France 62:74-79.
- E 1937 Le nombre de zones des écailles de différentes régions du corps de 3 grandes anguilles argentées femelles de l'Etang de Berre. Bull. Soc. Centr. Aquicult. Pêche 44:14-23.
- E 1937 L'âge et la croissance de 215 petites anguilles jaunes de l'Etang de Salces (Aude et Pyrenees-Orientales). Bull. Soc. Centr. Aquicult. Pêche 44:69-74.
- E 1937 Observations sur des petites anguilles jaunes de Cap d'Ail (Alpes-maritimes). Bull. Soc. Centr. Aquicult. Pêche 44:75-78.
- E 1937 La civelle d'Arcachon et d'Aguinaga des 22 et 23 février 1935. Int. Congr. Zool. Lisboa 12: 2157-2164.
- E 1937 The otoliths of four large eels from the Etang de Berre. J. Roy. Microscop. Soc. 57 (3):103-105.
- E 1937 La taille maximum de la civelle du Golfe de Gascogne. Rev. Suisse Zool. Genève 44:381-382.
- E 1937 La fréquence des écailles avec le nombre maximum de zones sur quatre régions du corps de l'anguille. Riv. Biol. Firenze 22 (2):201-212.

- HORNYOLD, A.G. (continued)
- E 1937 Differences de taille et de poids entre les civelles d'Aguinaga et de Sète. Bull. Soc. Hist. Nat. Toulouse 71 (1-2):175-179.
- E 1937 Otolithes pathologiques de l'anguille. Compt. Rend. Ass. Franc. Advanc. Sci. 60:268-270.
- E 1938 Observations sur l'anguille de la côte yougoslave de l'Adriatique (Neretva, Split et Trogir). God. Oceanogr. Inst. Kralj Jugoslav. 1:159-177.
- HOSHINA, T.
- J 1952 Notes on some myxosporidian parasites on fishes of Japan. J. Tokyo Univ. Fish. 39 (1):69-89.
- J 1959 Tissue levels of sulfa-drugs in eel (in Japanese with English summary). Bull. Jap. Soc. Sci. Fish. 24 (11):881-884.
- J 1962 On a new bacterium, Paracolobactrum anguillimortiferum n. sp. Bull. Jap. Soc. Sci. Fish. 28 (2):162-164.
- HOSHINA, T. and S. KATADA
- J 1955 Some pathological observations on the blood of eels suffering from "red disease" (in Japanese with English summary). Bull. Jap. Soc. Sci. Fish. 21 (7):483-485.
- HOSHINA, T. and M. OOKUBO
- J 1956 On a fungi-disease of eel. J. Tokyo Univ. Fish. 42 (1):1-13.
- HOSHINA, T. and T. SANO
- J 1957 On a trypanosome of eel. J. Tokyo Univ. Fish. 43 (1):67-69.
- HOSHINA, T., T. SANO and Y. MORIMOTO
- J 1958 A streptococcus pathogenic to fish. J. Tokyo Univ. Fish. 44 (1-2):57-68.
- HOVASSE, R.
- E 1927 The eel in the Black Sea and in the Sea of Marmora. Bull. Soc. Zool. France 52:194-196.
- HUET, M.
- ? 1960 Treatise on fishculture. Bruxelles, Editions Ch. de Wyngaert 369p.

HUITFELDT, K.H.

- E 1904 Alefiske i ferskvand. Norsk Jeger- og Fisker-  
forbunds Tidsskrift 2.

HUNNINEN, A.V. and R. WICHTERMAN

- ? 1938 Hyperparasitism: A species of Hexamita (Protozoa,  
Mastigophora) found in the reproductive systems  
of Deropristis inflata (Trematoda), from marine  
eels. J. Parasitol. 24 (2):95-100.

HUTTON, J.A.

- ? 1921 Eels and trout. Do trout eat eels? Salmon and  
Trout Mag. 26:176.

1/

HYDER, J.A.

- ? 1885 Note on the male organs of the eel. Bull.  
U.S. Fish Comm. 5:1-3.

1/ See Appendix

- IBRAHIM, K.H.
- O 1961 Up-stream migration of elvers of A. nebulosa (=bengalensis) over first anicut of the river Godavari. J. Bombay Nat. Hist. Soc. 58:810-812.
- ICHIKAWA, R., M. OGURI and N. FUKUDA
- J \* 1961 Metabolism of radionuclide in fish. II. Strontium-calcium discrimination in gill excretion. Bull. Jap. Soc. Sci. Fish. 27 (11): 990-995.
- IMAI, K.
- J 1955 Development of the caudal and hypothalamic neurosecretory systems of the eel, Anguilla japonica. Embryologia 9 (1):66-77.
- J 1955 Malformed caudal neurosecretory system in the eel, Anguilla japonica. Embryologia 9 (1):78-97.
- INABA, D.
- J 1953 Studies on measures to prevent injuries suffered from "Mizugawari" in the eel-rearing ponds. I. Effects of the resting pool (in Japanese with English summary). Bull. Jap. Soc. Sci. Fish. 18 (10):449-454.
- INABA, D. and R. UEHARA
- J 1962 On the types and roles played by the resting pool of eel-pond. Bull. Jap. Soc. Sci. Fish. 28 (7):679-685.
- INAMURA, S.
- J 1951 Anatomical studies on the labyrinth of Anguilla japonica. Tohoku J. Exp. Med. 54 (2):141-142.
- INGER, R.F. and C.P. KONG
- O\* 1962 The fresh-water fishes of North Borneo. Fieldiana (Zool.) 45:1-268.
- INGHILLERI, F.
- E \* 1903 On the etiology and pathogenesis of the 'red disease' ("peste rossa") of eels. Atti R. Acad. Lincei 12:13-21. (Transl. Scottish Home Dep. Mar. Lab. 582:6p.)

- INGHILLERI, F.  
E \* 1904 Sulla eziologia e patogenesi della peste rossa  
della Anguille. Acquicolt. Lombarda, Milano  
6:1-8, 61-69, 93-100.
- INOUE, S.  
J 1959 Morphological changes in the caudal neuro-  
secretory system of eel produced by the surgical  
transection. Gunma J. Med. Sci. 8 (3):263-280.
- INOUE, T. and C. KAWAKAMI  
J 1958 An investigation on the cells of nucleus  
preopticus in Teleostei. Okajimas Folia  
Anat. Jap. 32:341-346.
- INOUE, Y.  
J 1940 Über den Anti-O-Antikörper im Aalserum. Jap.  
J. Med. Sci. VII. Social Med. Hyg. 3 (3):131-133.
- INUI, Y. and Y. OHSHIMA  
J 1966 Effect of starvation on metabolism and chemical  
composition of eels. Bull. Jap. Soc. Sci.  
Fish. 32 (6):492-501.
- ISHIBASHI, T.  
J 1962 Electrical activity of the caudal neurosecretory  
cells in the eel Anguilla japonica with special  
reference to synaptic transmission. Gen. Comp.  
Endocrinol. 2 (5):415-424.
- ITAZAWA, Y.  
J 1960 Oxygen content of water in which the eel suffers  
from surfacing or dyspnoea (in Japanese with  
English summary). Bull. Jap. Soc. Sci. Fish.  
26 (10):960-965.  
1/  
ITO, T.  
J 1958 Studies on the "Mizukawari" in eel-culture ponds.  
10. The density of dormant eggs of rotifer on  
bottom deposits in eel-culture ponds. Rep.  
Fac. Fish. Univ. Mie 3 (1):170-177.
- J 1958 Studies on the "Mizukawari" in eel-culture ponds.  
11. The hatching activity of dormant eggs of  
Brachionus plicatilis. Rep. Fac. Fish. Univ.  
Mie 3 (1):178-192.
- 1/ See Appendix

- ITO, T. and T. IWAI  
J 1958 Studies on the "Mizukawari" in eel-culture ponds. 8. "Mizukawari" phenomena occurred in 6 eel-culture ponds near Tsu City, Mie Prefecture in 1955. Rep. Fac. Fish. Univ. Mie 3 (1):122-158.
- J 1958 Studies on the "Mizukawari" in eel-culture ponds. 9. On a "Mizukawari" occurred in winter times. Rep. Fac. Fish. Univ. Mie 3 (1):159-169.
- J 1958 Studies on the "Mizukawari" in eel-culture ponds. 12. The relation between the dynamics of zooplankton and "Mizukawari" in eel-culture ponds. Rep. Fac. Fish. Univ. Mie 3 (1):193-208.
- J 1958 Studies on the "Mizukawari" in eel-culture ponds. 13. Artificial fertilization of a brackish-water fish pond. Rep. Fac. Fish. Univ. Mie 3 (1):209-222.
- J 1959 Three acid eel-culture ponds in Shima, Mie Prefecture, Middle Japan. Rep. Fac. Fish. Univ. Mie 3 (2):436-450.
- J 1959 Studies on the "Mizukawari" in eel-culture ponds. 16. On the "Mizukawari" phenomenon accompanied with the explosive occurrence of Dinoflagellata. Rep. Fac. Fish. Univ. Mie 3 (2):451-459.
- J 1959 Studies on the "Mizukawari" in eel-culture ponds. 17. On the "Mizukawari" phenomenon accompanied with the explosive growth of Paramecium. Rep. Fac. Fish. Univ. Mie 3 (2):460-479.
- J 1960 Studies on the "Mizukawari" in eel-culture ponds. 19. The effect of the sea water supply upon the plankton in mixohaline eel-culture pond. Rep. Fac. Fish. Univ. Mie 3 (3):649-655.
- ITO, T., T. IWAI and Y. AKAMINE  
J 1960 Studies on the "Mizukawari" in eel-culture ponds. 20. The effect of winter drainage upon the plankton and formation of the plankton community after the water-renewal in eel-culture ponds. Rep. Fac. Fish. Univ. Mie 3 (3):656-679.

- I TO, T., T. IWAI and A. NIWA  
J 1960 Studies on the "Mizukawari" in eel-culture  
ponds. 21. Comparison between eel-culture  
pond and natural fish pond. Rep. Fac. Fish.  
Univ. Mie 3 (3):680-707.

- JACKSON, P.B.N.
- O 1959 New records and little-known species of fish from Rhodesia and Nyasaland. (*A. nebulosa labiata* recorded from Lake Nyasa). Occ. Pap. Nat. Mus. Southern Rhodesia 3 (23B): 295-305.
- JACOBSEN, J.P. and A.C. JOHANSEN
- E 1922 On the causes of the fluctuations in the yield of some of our fisheries. II. The eel fisheries. Medd. Komm. Havundersøg. Fiskeri Denmark 6 (9): 1-23.
- JACOBY, L.
- E 1880 Der Fischfang in der Lagune von Comacchio. Berlin
- JAKUBOWSKI, M.
- E 1960 The structure and vascularization of the skin of the eel (*Anguilla anguilla* L.) and the viviparous blenny (*Zoarces viviparus* L.). Acta. Biol. Cracov. Ser. Zool. 3 (1):1-22.
- JANKOWSKY, H.-D.
- E 1966 The effect of adaptation temperature on the metabolic level of the eel *Anguilla vulgaris* L. Helgoland Wiss. Meeresunters 13 (4):402-407.
- JAQUES, R.
- ? 1955 A substance from eel serum producing slow contractions. Nature (London) 175:212.
- JARECKA, L.
- E 1963 Parasitology - complement to the knowledge of the life cycle of *Bothriocephalus claviceps* (Goeze) cestode of *A. anguilla* L. Compt. Rend. Acad. Sci. Paris 255(19):4121-4122.
- JARVI, T.H.
- E 1909 Beobachtungen über die Grosse und das Alter der Aalen in Binnengewässern Finlands. Medd. Soc. Fauna Flora Fennica 35:218-221.
- E 1909 Über das Vorkommen des Aales im Wassersysteme des Kymi-Flusses (Finland). Medd. Soc. Fauna Flora Fennica 35:222-226.

- JARVI, T.H. (continued)
- E 1909 Das Leben der finlandischen Aale im Lichte der neuesten Forschungen. Luonnon Ystava Helsingfors 13:89-101.
- E 1937 Hajanaisia havaintoja. Suomen Kalastuslehti 44:115-122.
- JASINSKI, A.
- E 1961 Structure and vascularization of the pituitary body of teleosts. Part I. The eel (Anguilla anguilla L.). Acta Biol. Cracov. Ser. Zool. 4 (1):79-88.
- E 1963 The vascularization of the air bladder in fishes. Part 1. Air bladder of the bleak (Coregonus albula) and rainbow trout (Salmo irideus) and the ductus pneumaticus of the eel (Anguilla anguilla). Acta Biol. Cracov. Ser. Zool. 6 (1):19.
- JEFFRIES, H.P.
- A 1960 Winter occurrences of Anguilla rostrata elvers in New England and middle Atlantic estuaries. Limnol. Oceanogr. 5 (3):338-340.
- JENKINS, J.T.
- E 1936 The fishes of the British Isles. Frederick Warne & Co. Ltd., London. 408p.
- JENS, G.
- E \* 1953 Über den lunaren Rhythmus der Blankaalwanderung. Arch. Fischereiwiss. 4:94-110.
- JENSEN, A.J.C.
- A \* 1926 Investigations of the Dana in West Greenland Waters, 1925. Rappt. Procès-Verbaux Reunions, Conseil Perm. Int. Expl. Mer 39:101.
- ? 1931 Om Udsigterne for Blankaalsfiskeriet i Efteraaret 1931. Dansk Fiskeritidende 34:428-429.
- ? 1933 Om Udsigterne for Blankaalsfiskeriet i Efteraaret 1933. Dansk Fiskeritidende 34:389-390.
- E \* 1939 The Danish Forecasts of the yield of some fisheries. Rappt. Procès-Verbaux Reunions, Conseil Perm. Int. Expl. Mer 109 (3):75-77.

- JENSEN, A.J.C. (continued)
- E \* 1946 Prospects for the silver eel fishery. Dansk Fiskeritidende 64:360-361.
- E \* 1947 Prospects for the silver eel fishery. Dansk Fiskeritidende 65:326.
- E \* 1947 Prospects for the silver eel fishery. Vestjysk Fiskeritidende 13 (6):2-3.
- E \* 1948 Prospects for the silver eel fishery. Dansk Fiskeritidende 66:273.
- E \* 1948 Prospects for the silver eel fishery. Vestjysk Fiskeritidende 14 (5):7-8.
- E \* 1957 Prediction of the yield in the Limfjord. Ann. Biol. Copenhague 12:101.
- E \* 1957 Prediction of the yield of the silver-eel fishery. Ann. Biol. Copenhague 12:123.
- E \* 1957 Eels. J. Conseil Int. Expl. Mer 12:1955.
- E \* 1958 Forecast of the yield of the silver-eel fishery. Ann. Biol. Copenhague 13:123.
- E \* 1959 Forecast of the yield of the silver eel fishery. Ann. Biol. Copenhague 14:102.
- E 1960 The fish. Baltic-Belt seas. Eel. Ann. Biol. Copenhague 15:83.
- E 1960 Silver-eel in the Baltic-belt seas. Ann. Biol. Copenhague 17:118.
- E 1962 Die Schwankungen des Aalbestandes und der Aalfischerei in den dänischen Kustengewässern. Z. Fischerei. 10 (8-10):635-642.
- JENSEN, A.S.
- A 1937 Remarks on the Greenland eel, its occurrence and reference to Anguilla rostrata. Meddel. Grönland 118 (9):1-8.
- E 1926 Age determination of eels from Norfolk and Cumberland. J. Conseil Int. Expl. Mer 1:227-234.

- JESPERSEN, P. (continued)
- O 1942 Indo-Pacific Leptocephalids of the genus Anguilla systematic and biological studies. Dana Rep. 22:128p.
- JOHANSEN, A.C.
- E 1905 Remarks on the life history of the young post-larval eel (A. vulgaris Turt.). Medd. Komm. Havundersøg. Fiskeri. 1905 (6):1-9.
- JOHN, C.C.
- ? 1932 The origin of erythrocytes in herring (Clupea harengus). Proc. Roy. Soc. London Ser. B 110 (765):112-119.
- JONES, I.C., D.K.O. CHAN, I.W. HENDERSON, W. MOSLEY, T. SANDOR, G.P. VINSON and B. WHITEHOUSE
- E 1965 Failure of corpuscles of Stannius of the European eel, A. anguilla L. to produce corticosteroids in vitro. J. Endocrinol. 33 (2): 319-320.
- JONES, I.C. and I.W. HENDERSON
- E 1965 Electrolyte changes in the European eel (Anguilla anguilla L.). J. Endocrinol. 32: iii-iv.
- JONES, I.C., I.W. HENDERSON and D.G. BUTLER
- E 1965 Water and electrolyte flux in the European eel (Anguilla anguilla L.). Arch. Anat. Microscop. Morphol. Exp. 54:53-69.
- JONES, I.C., I.W. HENDERSON, D.K.O. CHAN, J.C. RANKIN, W. MOSLEY, J.J. BROWN, A.F. LEVER, J.I.S. ROBERTSON and M. TREE
- E 1966 Pressor activity in extracts of the corpuscles of Stannius from the European eel (A. anguilla). J. Endocrinol. 34:393-408.
- JONES, I.C., I.W. HENDERSON and W. MOSLEY
- E 1964 Methods for the adrenalectomy of the European eel (A. anguilla L.). J. Endocrinol. 30:155-156.
- JONES, I.C., J.G. PHILLIPS and D. BELLAMY
- E 1962 Studies on water and electrolytes in cyclostomes and teleosts with special reference to Myxine glutinosa L. (hagfish) and Anguilla anguilla L. Gen. Comp. Endocrinol. Suppl. 1:36-47.

- JONES, J.W. and H. EVANS  
E 1960 Eels may not be guilty after all. Trout Salmon Mag. 6 (64):17-18.
- E 1962 More facts about eels. Trout Salmon Mag. 7 (81):32.
- JONES, J.W. and D.W. TUCKER  
AE 1959 Eel migration. Nature (London) 184:1281-1283.
- JONES, S. and V.R. PANTULU  
O 1952 A remarkable case of albinism in the freshwater eel, A. bengalensis Gray. J. Bombay Nat. Hist. Soc. 51:285-287.
- JORDAN, D.S.  
? 1905 Concerning eel as predator (not actual title). A guide to the study of fishes 2:147.
- O 1913 Description of Anguilla manabei, a new eel from Japan. Wash. U.S. Nat. Mus. Proc. 44: 359-360.
- JORDAN, D.S. and B.M. DAVIS  
? 1888 A preliminary review of the Apodal fishes or eels inhabiting the waters of America and Europe. Rep. U.S. Fish. Comm. 1888:581-677.
- JORDAN, D.S. and B.W. EVERMANN  
A 1896 A checklist of the fishes and fishlike vertebrates of North and Middle America. Rep. U.S. Fish. Comm. 1895:207-584.
- A 1896-1900 The fishes of North and Middle America. Bull. U.S. Nat. Mus. 47 (1-4):3313.
- JORDAN, D.S., B.W. EVERMANN and H.W. CLARK  
A 1930 Checklist of the fishes and fishlike vertebrates of North and Middle America. Rep. U.S. Fish. Comm. 1928 (2):1-670.
- JORDAN, D.S. and C.H. GILBERT  
A 1882 Synopsis of the fishes of North America. Bull. U.S. Nat. Mus. 16 (57):1018.
- JOURDAIN, S.  
? 1889 Sur l'Anguille. Compt. Rend. Acad. Sci. 109: 31-33.

JUBB, R.A.

- O 1957 The freshwater eel Anguilla obscura Gunther, 1871, in Southern Africa. Nature (London) 180:1216.
- O 1958 The distribution of freshwater eels in Southern Africa. Piscator 13 (43):74-78.
- O 1959 Eels of the Orange-Vaal River system. Piscator 13 (45):28-29.
- O 1959 Carp, mud-mullet and eels in eastern Cape rivers. Piscator 13 (46):56-60.
- O 1959 Eels in Southern Africa. Nature (London) 184:827-828.
- O 1960 Elvers and post-elvers of the freshwater eels of South Africa. Piscator 14 (49):68-76.
- O 1961 The freshwater eels (Anguilla spp.) of Southern Africa. An introduction to their identification and biology. Ann. Cape Prov. Mus. 1:15-48.
- O 1962 Freshwater eels, Anguilla spp. in Madagascar. Piscator 54:20-21.
- O 1963 First record of the African mottled eel, Anguilla nebulosa labiata Peters, from the inland waters of Madagascar. South Afr. J. Sci. 59 (9):421.
- O 1963 Freshwater eels, Anguilla spp. in Madagascar. Piscator 56:85.

JUSZCZYK, W.

- E \* 1950 The migration of fish through the Roznow dam fishladder (Dunajec-River). Bull. Int. Acad. Polonaise Sci. Lettr. Cl. Sci. Math. Nat. Ser. B Sci. Nat. (2) (Zool.) 1949 (7/10):303-336.

- E KAJ, J. and J. WALCZAK  
1953 The entering eel of the Baltic in rivers of Western Pomerania. Efforts to determine the supplies for stocking. Roczniki Nauk Rolniczych 67 (1):141-142.
- E KALLOS, P. and LISELOTTE KALLOS-DEFFNER  
1944 Model investigation of the understanding of allergic bronchial asthma. (Experiments with the goat and eel serum.). Acta Med. Scand. 116 (5/6):409-440.
- E KALUZA, J.  
1959 The blood vessels of the olfactory organ of the eel (A. anguilla L.). Acta Biol. Cracov. Ser. Zool. 2:89-96.
- J KASAHARA, S.  
1957 Marking experiment on the glass-eel of Anguilla japonica. Rec. Res. Fac. Agr. Univ. Tokyo 6:66.
- J KASEBAYASHI, T.  
1961 On the anadromous migration of eel A. japonica, Japanese perch-sea-wolf Lateolabrax japonicus and mullet Mugil cephalus to Lakes Kasumigaura and Kitaura (in Japanese with English summary). Rep. Ibaraki Fish. Sta. Lakes Kasumigaura Kitaura 6:65-78.
- J KATSUI, G.  
1950 Researches on complete utilization of fish.  
4. Measuring of weight of various parts of "Kawamasu (Salvelinus fontinalis) and 12 other fresh-water fishes (in Japanese). J. Fermentation Tech. 28 (8):334-338.
- J KATSUKI, Y., S. YOSHINO and J. CHEN  
1950 Action currents of the single lateral-line nerve fiber of fish. I. On the spontaneous discharge. Jap. J. Physiol. 1 (2):87-99.
- J 1951 Action currents of the single lateral-line nerve fiber of fish. II. On the discharge due to stimulation. Jap. J. Physiol. 1 (3):179-194.

- KATURIE, M.
- O\* 1886 Anguilla eurystoma, H. & K. Boll. Soc. Adr. 9:219.
- KAUP, J.J.
- ? 1856 Catalogue of Apodal Fish. London.
- KAWAMOTO, N.
- J 1929 Physiological studies on the eel. 1. The seasonal variation of the blood constituents. 2. The influence of temperature and of the relative volumes of the red corpuscles and plasma upon the haemoglobin dissociation curve. Sci. Rep. Tohoku Imp. Univ. Fourth Ser. (Biology) 4 (4):635-659.
- J 1930 Physiological studies on the eel. 3. Microscopical observations of the blood. J. Imp. Fish. Inst. 26 (1):1-4.
- KEENLEYSIDE, M.H.A.
- A 1959 Effects of spruce budworm control on salmon and other fishes in New Brunswick. Can. Fish Culturist 24:17-22.
- KERR, T.
- E \* 1960 Development and structure of some actinopterygian and urodele teeth. Proc. Zool. Soc. London 133 (3):401-422.
- KERSHAW, J.A.
- O 1904 A colour variety of the common eel, A. australis Rich. Victorian Nat. 20:140.
- O 1911 Migration of eels in Victoria. Victorian Nat. 27:196-201.
- KESTEVEN, H.L.
- O\* 1926 Contributions to the cranial osteology of the fishes. No. 2. The maxilliae in the eels and the identification of these bones in the fishes generally. Rec. Austral. Mus. 5 (1):132-140.
- KEYS, A.
- E \* 1933 The mechanism of adaptation to varying salinity in the common eel and the general problem of osmotic regulation in fishes. Proc. Roy. Soc. London Ser. B 112 (776):184-199.

- E \* KEYS, A. and J.B. BATEMAN  
1932 Branchial responses to adrenalin and to pitressin in the eel. Biol. Bull. 63 (2):327-336.
- E \* KEYS, A. and R.M. HILL  
1934 The osmotic pressure of the colloids in fish sera. J. Exp. Biol. 11 (1):28-34.
- E \* KEYS, A. and E.N. WILLMER  
1932 "Chloride secreting cells" in the gills of fishes with special reference to the common eel. J. Physiol. 76 (3):368-378.
- E \* KHERM, A.Y. and T.F. DEMENT\*EVA  
1949 The biology and fishing of eels in Soviet Baltic waters. Ryb. Khoz. 25 (12):17.
- E \* KIENER, A.  
1960 The catching of eels in Lakes Alaotra and Itasy. In CSA/CCTA. Third Symposium on Hydrobiology and Inland Fisheries. Publ. No. 63. International Publications Service, New York, 16:235-244.
- J KIKUCHI, T.  
1956 An investigation into the geographical distribution of Gnathostoma spinigerum and an experimental study of its route of infection (in Japanese with English summary). Igaku Kenkyu (Acta Medica) 26 (11):123-150.
- A KLUGH, A.B.  
1930 The effect of the ultra-violet component of sunlight on certain aquatic organisms. Can. J. Res. 3:104-106.
- ? KNER, P.  
1866 Air bladder in Anguilliodei, etc. Sexual organs. Sitzgsber. Akad. Wiss. Wien 52:648-653.
- JO 1866 Description of A. malgumora, A. sidat, A. marmorata, A. moa, A. japonica and A. tenuirostris. Novara Fisch. 1866:367-370.
- K \* KNIGHT, A.P.  
1901 The effects of polluted waters on fish life. A preliminary report. Contr. Can. Biol. 1901:11.

- E \* KNOPP, H.  
E \* 1952 Der Oberrhein, ein Aal-, kein Lachsstrom.  
Bericht über Frühjahrsschokkerfänge der Jahre  
1949-50 aus dem Oberrheingebiet zwischen Worms  
und Mainz. Z. Fischerei 1 (1/2):81-94.
- E \* 1952 Die Laichwanderung des Aales (A. vulgaris) und  
ihre Beziehungen zu Mondstand und Wetter.  
Zool. Anz. 149:169-177.
- E KNOWLES, F. and L. VOLLRATH  
E 1965 Cell types in the pituitary of the eel, Anguilla anguilla L., at different stages in the life cycle. Z. Zellforsch. 69:474-479.
- E 1965 Synaptic contacts between neurosecretory fibers and pituicytes in the pituitary of the eel.  
Nature (London) 206:1168-1169.
- E 1966 A dual neurosecretory innervation of the pars distalis of the pituitary of the eel. Nature (London) 209:1343-1344.
- E 1966 Neurosecretory innervation of the pituitary of the eels Anguilla and Conger. I. The structure, and ultrastructure of the neuro-intermediate lobe under normal and experimental conditions. Phil. Trans. Roy. Soc. London Ser. B, Biol. Sci. 250 (768):311-327.
- E 1966 Neurosecretory innervation of the pituitary of the eels Anguilla and Conger. II. The structure and innervation of the pars distalis at different stages of the life-cycle. Phil. Trans. Roy. Soc. London Ser. B, Biol. Sci. 250 (768):329-342.
- E 1966 Changes in the pituitary of the migrating European eel during its journey from rivers to the sea. Z. Zellforsch. 75:317-327.
- E KNUDSEN, P.C.  
E 1927 The migrations of the eels in the Danish waters (in Danish). Naturens Verden Kjøbenhavn 11: 17-20.

1/ See Appendix

- KOCH, H.J.
- E 1949 Quelques caractéristiques osmotiques de l'anguille femelle jaune et argentée. Arch. Int. Physiol. 57:125-132.
- KOEHNLEIN, H.
- E 1932 Die refraktare Phase der Überleitungsgebilde des Herzens in Abhangigkeit von der Leitungsrichtung. Z. Wiss. Biol. Abt. C. Z. Vergl. Physiol. 18 (1):10-31.
- KOKHNENKO, S.V.
- E 1957 Development of eel fisheries in bodies of water of the USSR. Trud. Beloruss. Otd. Vsesoiuz. Nauch.-issled. Inst. Ozer. Rech. Ryb. Knoz. 1:111-117.
- E 1957 Propagation and catches of eels in Belorussian SSR bodies of water. Fish. Ind. Moscow 33 (4): 66-68.
- E 1958 On the problems of the migrations of eel fry. Vestzi Akad. Nauk Beloruss. Biol. 4:64-67.
- E 1959 The width of the head in the European eel, Anguilla anguilla. Problems of Ichthyology, Moscow 12:19-27. (Referat. Zhur., Biol., 1960, No. 81541 (Transl.)).
- E 1962 The problem of the spawning migration of eels. In: The biology of the inland waters of the Baltic area. Akad. Nauk USSR: Moscow-Leningrad 112-115. (Referat. Zhur. Biol., 1962, No. 20171 (Transl.)).
- E 1964 Results of introduction of eel into Belorussian waters. Biological basis of the inland water fisheries of the Baltic region. Nauk. Tekh. Minsk. 71-74. (Referat. Zhur. Biol., 1965, No. 12191 (Transl.)).
- KOKHNENKO, S.V. and E.A. BOROVIK
- E 1957 Rate of growth of eel in various environmental conditions (in Russian). Bull. Inst. Biol. 1956 Minsk 2 1957:264-268.

- KOKHNENKO, S.V. and E.A. BOROVIK (continued)
- E 1957 On the anlage of the eel scale (in Russian). Bull. Inst. Biol. 1956 Minsk 2 1957:269-271.
- E 1957 Morphology of eel fry (in Russian). Bull. Inst. Biol. 1956 Minsk 2 1957:272-275.
- E 1958 The results of two years' investigations on the rate of growth and development of fry of eel in Belorussia. Bull. Inst. Biol. 1957 Minsk 3 1958:269-272.
- E 1962 Some data on eel culture and its effectiveness in the bodies of water of Belorussia (Estonian and German summaries). Hydrobiological studies 3:324-332. (Referat. Zhur. Biol., 1963, No. 11165 (Transl.)).
- KOKHNENKO, S.V. and V. CHASALIN
- E 1960 On the occurrence of the European eel in the watershed of Albania (in Belorussian). Vestz. Akad. Nauk Beloruss. SSR Biol. 4:113-117.
- KOLECKI, B.J. and G.F. SPRINGER
- ? 1965 Mono-saccharide structures precipitating anti-human blood group H(O) eel (*Osteichthyes*) antibody. Fed. Proc. 24:631.
- KOMONEN, A.
- E 1948 Vuoksen pohjoisen suuhaaran kalastosta. Luonnon Tutkija 52:110-113.
- E 1955 Anderiaan (*Anguilla vulgaris*) esuntyminen pohjoisen Suomen vesissä. Luonnon Tutkija 59:79-81.
- KONDRUP, M.
- E 1949 Holdbarhed af magre og fede Fisk i Smaapakninger ved -10° og -20°C (in Danish). (Keeping quality of lean and fat fish in small packages stored at -10° and -20°C). Kulde 3 (4):74-76.
- E 1949 Holdbarhed af magre og fede Fisk i Smaapakninger ved -10° og -20°C (in Danish). (Keeping quality of lean and fat fish in small packages stored at -10° and -20°C). Meddelelse 12.

- J \* KONISHI, J.  
1961 Physiological studies on the visual center in fish. *J. Fac. Fish. Univ. Mie* 5 (2):98-189.
- E KONSTANTINOV, K.G. and V.D. SOROKIN  
1959 The eel Anguilla anguilla in the Kola Bay.  
*Zool. Zh.* 39:621-622.
- E KOOPS, H.  
1962 Die Wanderung des Aales, A. anguilla L., In Abhangigkeit vom Sommerhochwasser. *Kurze Mitteilungen* 12:19-26.
- E KOTHKE, H.  
1961 Welche Erkenntnisse sind Voraussetzung fur eine erfolgreiche Aalwirtschaft? *Der Fischwirt* Jan.:8-17.
- J \* KOUCHI, M.  
1963 Stero-bile acids and bile sterols. LIX.  
Formation of bile acids from cholesterol in eel. *Hiroshima J. Med. Sci.* 12 (3/4):163-170.
- E KRANEVELD, F.C. and H.J.W. KEIDEL  
1955 Blood parasites in fish in the Netherlands.  
*Tijdschr. Diergeneesk.* 80:256-260.
- E KREBS, W.  
1911 Geophysikalische Verhaltnisse auf den Fundstellen der Aallarven im Atlantik und im Mittelmeer. *Fischerbote*, Hamburg 3:180-184.
- ? KROPP, B. and E.B. PERKINS  
1933 The action of the crustacean chromatophore activator on the melanophores of fishes and amphibians. *Biol. Bull.* 64 (2):226-232.
- ? KUBLICKAS, A.  
1957 The food of eels in Kurshyu-Mares Bay. *Darb. Biol. Inst. Vilnius* 2B:167-175.
- E \* KUHLENBECK, H.  
1929 Uber die Grundbestandteile des Zwischenhirnbauplans der Anamnier. *Jahrb. Morphol. Mikrosk. Anat. Abt. 1, Gegenbaur's Morphol. Jahrb.* 63: 50-95.

- E \* KUHN, H.J., P. MOSER and W. KUHN  
1962 Hairpin countercurrent as basis for production  
of higher gas pressures in swim bladder of deep  
sea fish. *Pflugers Arch. Ges. Physiol.* 275  
(3):231-237.
- E \* KUHN, W. and H.J. KUHN  
1961 Efficiency of the rete of the eel as a counter-  
current multiplier (not actual title).  
*Z. Electrochemie* 65:426.
- E KUKLA, MARIAN  
1954 The arrangement of blood vessels on the surface  
and in the walls of the alimentary canal of  
the eel, Anguilla anguilla L. *Folia Morphol.* 5  
(1):27-38.
- E 1958 The structure and vascularization of the pancreas  
of the eel Anguilla anguilla L. *Acta Biol.*  
*Cracov. Ser. Zool.* 1 (3):99-111.
- E KULMATYCKI, W.J.  
1932 Über das Vorkommen von Anguilla vulgaris T.  
im Wereszyca-Fluss. *Zool. Anz. Leipzig* 98:  
272-275.
- E \* KUNDZIN'SH, M.  
1958 Migrations of eels in the lower course of rivers.  
*Ryb. Khoz.* 3:17-18.
- J \* KURODA, N.  
1957 On the life colors of some fishes. V. (in  
Japanese with English summary). *Jap. J.  
Ichthyol.* 5 (3/6):118-122.
- J \* KURUSHIMA, M.  
1958 Contributions to the neurobiological study,  
especially on the commissura horizontalis Fritsch  
in the teleostean brain. *Okajimas Folia Anat.*  
*Jap.* 33:119-130.

-L-

1/

LADD, E.C.

- A 1958 A comparative study of meristic variation in the American eel (*A. rostrata*) and Atlantic anchovy (*Anchoa mitchilli*). Thesis, Coll. William & Mary:29p.

LADIGES, W.

- E \* 1936 Untersuchungen über den Aalbestand im hamburgischen Hafengebiet. Z. Fischerei. 34:23-34.

LAGARDE, E. and F. CHAKROUN

- E \* 1965 An epizootic due to Vibrio anguillarum in eels of the Canet pond (Pyrenees Orientales) (English summary). Ann. Inst. Pasteur (Paris) 108 (1): 135-140.

LAIBACH, E.

- E 1937 Das Greuchsorgan des Aals (Anguilla vulgaris) in seinen verschiedenen Entwicklungsstadien. Zool. Jahrb. Abt. Anat. Ont. Tiere 63 (1):37-72.

LAMB, J.C. and G.M. STEINBERG

- ? 1964 Comparisons of reactivation and ageing rates of eel acetylcholinesterase inhibited by GB (isopropylmethylphosphonofluoridate) and 4-PPAM (O-isopropylmethylphosphono-4-formyl-1-methylpyridinium iodide oxime). Biochem. Biophys. Acta 89 (1):174-176.

LANDGREBE, F.W.

- E 1941 The role of the pituitary and the thyroid in the development of teleosts. J. Exp. Biol. 18 (2):162-169.

LARSEN, K.

- E 1936 The distribution of the invertebrates in the Dybsø Fjord, their biology and their importance as fish food. Rep. Danish Biol. Sta. 41:3-35.

LATHAM, R.M.

- A \* 1958 The eel....truly a remarkable creature. Penn. Angler 27 (2):2-7.

LAURENT, P.

- ? 1957 The role of the sino-auricular region in cardiac function in teleost fishes. Physiol. Comp. Oecol. 4 (4):346-356.

1/ See Appendix

- LEATHERLAND, J.F., P.E. BUDTZ and J.M. DODD  
E 1966 In situ studies on the hypothalamoneuro-hypophysial complex of the European eel Anguilla anguilla (L.). Gen. Comp. Endocrinol. 7 (2):234-244.
- LEBEDEV, V.D.  
E 1959 Migrations of the European river eel (A. anguilla) in Atlantic waters (in Russian). Nauch. Dokl. Vyssh. Shk. (Biol.) 3:43.
- LE CLERC, J.  
E 1930 L'anguille dans le bassin de la Loire. Bull. Franc. Piscicult. 2.
- E 1936 Le repeuplement de la Loire en Anguilles. Bull. Soc. Etud. Sci. Angers N.S. 65:30-41.
- LEIDER, U.  
E \* 1963 On presumptive sex chromosomes in Perca, Acerina and Anguilla (Vertebrata, Pisces). Biol. Zentralbl. 82 (3):296-302.
- LELOUP, J.  
E 1947 Action of antithyroid agents (aminothiazol and phenylthiourea) on cupremia in a series of vertebrates. Bull. Soc. Chim. Biol. 29 (7/9): 582-595.
- E 1958 Influence de la température sur le fonctionnement thyroïdien de l'Anguille normale. Compt. Rend. Acad. Sci. Paris 247:2454-2456.
- E 1959 Iode thyroïdien et évolution génitale chez l'Anguille femelle. J. Physiol. France 51 (3): 516-517.
- LELOUP, J. and Y.A. FONTAINE  
E 1956 Dosage de l'hormone thyrotrope dans l'hypophyse de l'anguille (A. anguilla L.) du boeuf et du rat au moyen de la fixation de  $^{131}\text{I}$  dans la thyroïde de l'anguille hypophysectomisée. Arch. Sci. Physiol. Paris 10 (3):201.
- LELOUP, J. and J. LELOUP-HATEY  
E 1964 Influence de l'ablation des corpuscules de Stannius sur le fonctionnement thyroïdien de l'Anguille normale et hypophysectomisée. Compt. Rend. Soc. Biol. 158 (6):1273-1276.

- ELELOUP-HATEY, J.
- E 1961 Effect of the hypophysis on the corticosteroid content of the plasma of the eel (*A. anguilla* L.). *J. Physiol. (Paris)* 53 (2):405-406.
- E 1964 Corpuscules de Stannius et équilibre minéral chez l'Anguille (*A. anguilla* L.). *J. Physiol. (Paris)* 56 (4):595-596.
- E 1964 Modifications de l'équilibre minéral de l'Anguille (*Anguilla anguilla* L.) consecutives à l'ablation des corpuscules de Stannius. *Compt. Rend. Soc. Biol.* 158:711-715.
- E 1964 Influence d'un apport sodique et de l'aldosterone sur le déséquilibre minéral consécutif à l'ablation des corpuscules de Stannius chez l'Anguille (*A. anguilla* L.). *Compt. Rend. Soc. Biol. Paris* 158 (5):991-994.
- E 1964 Fonctionnement de l'interrénal antérieur de deux téléostéens, le Saumon Atlantique et l'Anguille Européene. *Ann. Inst. Océanogr. Monaco* 42: 221-338.  
1/
- LELOUP-HATEY, J. and J. LELOUP
- E 1964 Corpuscules de Stannius et thyroïde chez l'Anguille (*A. anguilla* L.). *J. Physiol. (Paris)* 56 (4):596-597.
- LEPORI, C.
- E 1883 Il maschio dell'Anguilla. *Atti Soc. Ital.* 26: 327-336.
- LEVANDER, K.M.
- E 1907 Verzeichnis der Süsswasserfische Finlands. *Luonnon Ystava, Helsingfors* 11:41-52.
- LEWIS, F.
- O 1942 Notes on Australian eels. *Victorian Nat.* 59 (4):65-66.
- LHOTTE, R.
- E 1945 Influence des variations de salinité sur le rythme cardiaque de la jeune Anguille (Civelle). *Compt. Rend. Soc. Biol. Paris* 139 (1/2):27-28.

1/ See Appendix

- LI, H.C.  
? 1934 Report on a collection of parasitic nematodes,  
mainly from North China. II. Spiruroidea.  
Trans. Amer. Microscop. Soc. 53 (2):174-188.
- LIBERSON, W.T.  
E \* 1957 Recent advances in Russian neurophysiology.  
Ann. Rev. Physiol. 19:557-588.
- LILLELUND, K. and W. HARDER  
E 1961 Versuche zur Markierung von Aalen. Z.  
Fischerei. 10:581-588.
- LILLELUND, K. and W. SEEMANN  
E 1961 The Sehlendorfer inland lake. 1-6. Limnological  
and biological investigations of a brackish  
water lake on the Baltic coast. 6. Fisheries  
in the Sehlendorfer inland lake. Z. Fischerei.  
10 (7):603-658.
- LINTON, E.  
A \* 1940 Trematodes from fishes mainly from the Woods  
Hole region, Massachusetts. Proc. U.S. Nat.  
Mus. 88 (3078):1-172.
- LLOYD, K.O., E.A. KABAT and R.E. ROSENFIELD  
? 1966 Immunochemical studies on blood groups. XXXV.  
The activity of fucose-containing oligosac-  
charides isolated from blood group A,B, and  
H substances by alkaline degradation. Bio-  
chemistry 5 (5):1502-1507.
- LOVERN, J.A.  
E 1938 The composition of the fats of fishes. Dep.  
Sci. Indust. Res., Great Britain, Ann. Rep.  
Food Invest. Bd. 1937:71-73.
- E 1940 Fat metabolism in fishes. 14. The utilization  
of the ethyl esters of fatty acids by the eel  
and their effect on depot fat composition.  
Biochem. J. 34 (5):704-708.
- LOWE, ROSEMARY H.  
E 1944 Experimental work in connection with eel fisheries.  
Rep. Freshwater Biol. Ass. Brit. Emp. Rep. 12:  
10-13.

- LOWE, ROSEMARY H.
- E 1951 Factors influencing the runs of elvers in the River Bann, Northern Ireland. *J. Conseil* 17 (3):299-315.
- E 1952 The influence of light and other factors on the seaward migration of the silver eel Anguilla anguilla L. *J. Anim. Ecol.* 21 (2):275-309.
- LUBBERT, H.
- E 1927 Die Versorgung Deutschlands mit Aalbrut in der Zeit nach dem Kriege. *Der Fischerbote* 19 (10):205-210.
- 1931 Der gegenwärtige Stand der Aal-Wirtschaft in Deutschland. 7th Congres Int. d'Aquicult. et de Peche, Paris, Rapports, Groupe 2 (1).
- E 1933 Die Aalbrutbeschaffung des Deutschen Fischereivereins 1933. *Der Fischmarkt* 1:245-246.
- LUCKY, Z.
- E \* 1957 Myxidium giardi Cepede, 1906, in Moravian eels (Russian and German summaries). *Sbornik Vysoke Skoly Zemed. Brne. B. Spisy Fak. Vet.* 5 (1): 95-96.
- LUEBBERT, H.
- E 1913 Neue Grundlagen der Aalkultur in Deutschland. *Roma Atti V Congr. Int. Pesca* (1911) 1913: 231-241.
- LUHMANN, M. and H. MANN
- E \* 1957 On the "Cauliflower" disease of the eel. *Fischwirt* 7:169-171.
- E \* 1958 Wiederfange markierter Elbaale vor der Kuste Danemarks. *Arch. Fischereiwiss* 9:200-202.
- E 1961 Researches on the eel fishery in the Elbe River. *Fischwirt* 11 (6):165-177.
- E 1961 On eel migration in the Elbe River. *Fischwirt* 11 (12):365-375.
- E 1962 Migration of eels in the River Elbe. *Fischwirt* 12 (1):9-22.

- LUMIERE, A.
- E \* 1929 La toxicité des sérums d'anguille, de murène et de murene et de certains autres poissons est-elle due à leur pouvoir globulicide? Compt. Rend. Soc. Biol. 100 (14):1209-1210.
- LUND, C.
- ? 1906 Neues vom Aal. Umschau, Frankfurt a.M. 10:485-486.
- LUNDBECK, J.
- E \* 1932 Ricerche sul danneggiamento dei pesci specialmente delle anguille nelle turbine dell'officina d'energia elettrica di Friedland (Prussia dell'Est). Boll. Pesca, Piscicolt. Idrobiol. 8:31-58.
- LYNCH, D.D.
- O 1964 The Australian eel industry. Commercial Fishing 2:22-24.

- MAAR, A.
- E 1947 Über die Aalwanderung im Baltischen Meer auf Grund der Wanderaalmarkierungsversuche im Finnischen und Livischen Meerbusen i. d. J. 1937-1939. Rep. Inst. Freshwater Res. Drottningholm 27:1-56.
- E 1949 The migration speed of silver eel (*A. vulgaris* L.) in the Baltic. Apophoreta Tartuensai 1949: 421-427.
- MACLEAY, P.
- O 1883 *Anguilla marginipinnis*, sp. n. Linn. Soc. New South Wales 8:210.
- MAETZ, J. and G. CAMPANINI
- ? 1966 Potentials transépithéliaux de la branchie d' Anguille *in vivo* en eau douce et en eau de mer. J. Physiol. (Paris) 58 (2):248-249.
- MAGLIO, C.
- E 1926 Rigenerazione del midollo spinale nella ceca (*A. vulgaris*). Atti Soc. Ital. Sci. Nat. Milano 65:123-130.
- MAGRINI, M.
- E 1951 Variabilità delle grandezze nucleari delle cellule épatiche in anguille gialle e Argentine. Atti Ist. Veneto. Cl. Sci. Mat. Nat. 109:209-218.
- MALLOCH, P.D.
- E \* 1910 Life history and habits of the salmon, sea trout, trout and other freshwater fishes. 8 vo. Adam and Charles Black, London.
- MANN, H.
- E 1958 The fish. B. Near northern seas. Eel. Eel tagging and recapture in the North Sea. Ann. Biol. 15:76-77.
- E 1960 Untersuchungen über die Halterung von Aalen. Arch. Fischereiwiss 11:145-151.
- E 1961 The ascent of eel in the eel ladder at Geesthacht Dam. Fischwirt 11 (3):69-74.

- MANN, H. (continued)
- E 1961 Loss of weight in eels while kept in holders.  
Fischwirt 11 (8):233-239.
- MANNING, J.H.
- A 1960 Commercial and biological uses of the Maryland  
soft clam dredge. Proc. Gulf Caribb. Fish.  
Inst. 12 (1959):61-67.
- MANSO, J.M.
- ? 1962 Wonders of nature - the astonishing biology of  
the eel. Revta Shell, Sept. 1962:44-48.
- MANTER, H.W.
- ? 1955 The zoogeography of trematodes of marine fishes.  
Exp. Parasitol. 4 (1):62-86.
- MARCUS, K.
- E \* 1919 Über Alter und Wachstum des Aales. Mitt.  
Zool. Mus. Hamburg 36:1-70.
- MARCUZZI, G.
- E 1949 The presence of hemopoietic activity in the  
gonad of Teleosts. Arch. Ital. Anat. Embriol.  
53 (3/4):334-373.
- MARTINELL, H.
- E 1957 Tagging eels in the river Morrum in 1955. Svensk  
Fisk. Tidskr. 66:73-75.
- MARTINKOWITZ, H.
- E 1960 First results of silver-eel tagging off Rugen  
during autumn 1959. Fischereiforschung 3  
(5/6):9-13.
- E 1962 Ergebnisse von Blankaalmarkierungen an der  
ostrugenschen Kuste und Moglichkeit ihrer Nutzung  
fur die Fangsteigerung durch neuartige Reusen-  
konstruktionen. Z. Fischerei. 10 (8-10):653-664.
- MATHIS, C.V.
- A 1963 Demand is slight in this country but Europeans  
really hunger for live eels. National Fisher-  
man/Maine Coast Fisherman 44:29.

- MATSUI, I.
- J 1952 Studies on the morphology, ecology and pond-culture of the Japanese eel (A. japonica Temminck & Schlegel). J. Shimonoseki Coll. Fish. 2 (2):1-245.
- J 1957 On the records of a leptocephalus and catadromous eels of Anguilla japonica in the waters around Japan with a presumption of their spawning places. J. Shimonoseki Coll. Fish. 7 (1):151-167.
- MATSUI, I. and T. TAKAI
- J 1959 Osteology of the Japanese eel, Anguilla japonica Temminck & Schlegel (in Japanese and English). J. Shimonoseki Coll. Fish. 8 (2): 53-62.
- MATSUI, K. and A. KUMADA
- J 1928 Studies on fish disease. A new Copepod parasite of the fresh water eel (in Japanese). Suisan Kosyu. Sik. Hok. 23 (4):131-141.
- MATSUI, Y. and A. KUMADA
- J 1928 Studies on fish-disease. I. "Ikari-mushi" (Lernaea elegans Leigh-Sharpe), a new parasitic copepod of Japanese eel. J. Imp. Fish. Inst. Tokyo 23 (4):101-107.
- MATT, J.C.
- E 1950 Radiological observations on the cardiovascular system in Anguilla anguilla. J. Exp. Biol. 27 (3/4):324-333.
- MATTHEIS, T.
- E 1960 Eel mortality off the Baltic coast between Usedom and Wismar during the summer 1959. Deut. Fisch. Zeit. 7 (1):23-25.
- MATTHEWS, L.H.
- E 1942 Studies on the biology of the Bristol Channel. 14. Elvers in the Severn. Proc. Bristol Nat. Soc. 9 (4):400-405.
- MATTY, A.J.
- E 1960 Thyroid cycles in fish. Zool. Soc. London Symp. 2:1-15.

- E MAZZA, F.  
E 1913 Risultati di ricerche anatomoistologiche sugli organi genitali delle anguille d'acqua dolce e d'acqua salmastra. *Boll. Soc. Zool. Ital.* 2:27-61.
- E 1923 Resultati ottenuti dell'ablazione parziale dell'organo del Syrski nelle anguille gialle. *Boll. Inst. Zool. R. Univ.* 1.
- E 1932 Contributo alla conoscenza dello sviluppo degli organi genitali delle Anguille macroftalme o di calata, e delle giallo-verdognole, o microftalme. *Boll. Pesca Piscicolt. Idrobiol.* 8:600-626.
- E MAZZARELLI, G.  
E \* 1914 Note critiche sulla biologia dell'anguilla. *Riv. Pesca Idrobiol.* 9:16.
- E 1930 Meteorological phenomena and breeding migrations of fishes. *Boll. Soc. Ital. Biol. Speriment.* 5 (4):598-600.
- E MAZZESCHI, A. and E. VANNINI  
E 1936 Nuove ricerche sul precoce differenziamento sessuale delle anguille. *Boll. Zool. Torino* 7:57-66.
- E MAZZI, V.  
E \* 1941 Structural and functional peculiarities of the preoptic nuclei in the Teleostei. *Arch. Ital. Anat. Embriol.* 46 (1):1-76.
- E \* 1952 Secretory characteristics in the cells of the under-commissural organ in lower vertebrates. *Arch. Zool. Ital.* 37:445-464.
- E \* 1955 Histochemical analysis of pigmented macrophages in the eel's brain (in Italian with English summary). *Riv. Biol. Perugia* 47 (1):77-96.
- E MECKLENBURG, C. VON and M. ARBORELIUS  
E 1958 Some experiments with salt metabolism in Anguilla anguilla after saccectomy. *K. Fysiogr. Sallskapets Lund Forhandl.* 28 (15):141-151.

- MEDCOF, J.C.  
A 1966 Incidental Records on Behaviour of Eels in  
Lake Ainslie, Nova Scotia. J. Fish. Res. Bd.  
Can. 23 (7):1101-1105.
- MEEK, A.  
? 1916 The migrations of fish. London:427p.
- MEEK, ?  
AE 1883 Anguilla vulgaris, A. rostrata. Bull. U.S.  
Fish. Comm. 3:430.
- O 1884 Anguilla cubana, Kaup., = rostrata, Le Sueur.  
Bull. U.S. Fish. Comm. 9:111.
- MELSHEIMER, O.  
E 1877 Observations on habits and food of eels.  
Nature (London) 15:324.
- MENZIES, W.J.M.  
E 1933 The common eel and its capture. Salmon Fish.  
Scotland 6:1-15.
- E 1936 The run of elvers in the River Bann, Northern  
Ireland. Conseil Perm. Int. Expl. Mer, J.  
Conseil 11 (2):249-259.
- E 1948 The common eel and its capture. Scottish  
Home Dept., Salmon Fish. 1.
- MERCIER, L. and R. POISSON  
E 1927 Macrophthalmia in the eel. Compt. Rend.  
Acad. Sci. Paris 184 (2):123-125.
- MEYER, P.F.  
E 1932 Ein Fall von Aal-Rotseuche in den Buchten der  
Ostsee. Natur u. Museum 63 (1):32-36.
- E \* 1933 Aalsterben in der Ostsee. Mitt. Deut. Seefisch.  
Vereins 48:216-219.
- E \* 1935 Über die Verwendbarkeit der Elektro-Narkose bei  
Aalmarkierungen. Deut. Fischwirt. 25:3p.
- E \* 1938 Die beeinflussung des Blankaalfanges an der Rugen-  
schen Kuste durch meterologische und kosmische  
Faktoren. Z. Fischerei 36:643-660.

- MEYER, P.F. (continued)
- E 1954 An electrical fish barrier in the river Eider (in German). Der Fischwirt 4 (6):153-163.
- MEYER, P.F. and H. KUHL
- E \* 1953 Welche Milieu-Faktoren spielen geim Glasalaufstieg eine Rolle? Arch. Fischereiwiss 4:87-94.
- MIKHIN, V.S.
- E 1939 A contribution to the biology of and fishery for the eel in the eastern part of the Gulf of Finland (in Russian with English summary). USSR Ist. Marine Fishes and Oceanography, Sbornik Knipovich pp.215-227.
- MIRZALIEV, V. and E.I. KOLOSS
- E 1965 Characteristics of certain eye structures in river eel. Uch Zap Anat. Gistol. Embriol. Respub. Shrednei. Asii. Kazakhstana 1:118-122. (Referat. Zhur. Biol., 1966, No. 15114 (Transl.)).
- MISLIN, H.
- E 1960 A functional analysis of the caudal lymphatic heart of the eel, Anguilla anguilla L. Rev. Suisse Zool. 67 (2):262-269.
- MITOMO, Y.
- J \* 1927 Studies on eel serum. I. Pharmacological action of eel serum. Tohoku J. Exp. Med. 8 (3): 284-311.
- J 1927 Studies on eel serum. II. Immunological relation of eel serum. Tohoku J. Exp. Med. 8 (3):312-323.
- MIYAMOTO, H. and E. SHIODA
- J 1954 How do fish select positions and kind of the bags when entering the "Masu-Ami"? III. Field tests with flatfishes, eels and other marine animals (in Japanese with English summary). Bull. Jap. Soc. Sci. Fish. 19 (11):1109-1118.
- MOBIUS, K.
- E 1887 Bericht über untersuchungen des Zustandes der Geschlechtsdrusen weiblicher und männlicher Aale. Untersuchung der deutschen Meere in Kiel 1887: 129-134.

- E MOHR, H.  
1961 Aquarium experiments on the scaring effect of a curtain of air bubbles on some freshwater fishes, especially on eels. Protokolle Fischereitechnik 7 (31):121-129. (Transl. 675 Dep. Agr. Fish. Scotland, 5p.)  
1/
- E MØLLER-CHRISTENSEN, E., A.F. BRUNN and A.M. HEMMINGSEN  
1958 Further attempts to induce maturation of the eggs of the European eel, Anguilla anguilla L., by hormone injections. Acta Endocrinol. 28 (1): 103-111.
- MONDINI, C.  
? 1777 De anguillae ovariis. Mem. Ac. Sc. 6 (83).
- E MONTEN, E.  
1964 Studies on fish mortality due to passage through turbine. Preliminary report. Rep. Inst. Freshwater Res. Drottningholm 45:190-195.
- MORRISON, N.  
? 1929 Hibernation of the common eel. Fishing News 34:16.
- ? 1935 The story of the Common Eel. Trans. Butesh. Nat. Hist. Soc. 11:88-106.
- E MORTARA, G.  
\* 1915 Comparazione statistica fra due gruppi di anguille di diversa provenienza. Mem. Comit. Talassogr. Ital. Roma 51:23.
- E MOSSO, U.  
\* 1889 Recherches sur la nature du venin qui si trouve dans le sang de l'Anguille. Arch. Ital. Biol. 12:229-236.
- E MOTAIS, R.  
\* 1956 Changes of halotropism and euryhalinity of the young eel under the action of a corticosuprarenal hormone. Bull. Inst. Océanogr. Monaco 1078:14p.
- E MOTT, J.C.  
1950 Radiological observations on the cardiovascular system in Anguilla anguilla. J. Exp. Biol. 27:324-333.

1/ See Appendix

- MOTT, J.C. (continued)
- E 1950 The gross anatomy of the blood vascular system of the eel, *Anguilla anguilla*. Proc. Zool. Soc. London 120 (3):503-518.
- MUELLER, J.F.
- A \* 1934 Additional notes on parasites of Oneida Lake fishes, including descriptions of new species. Roosevelt Wildlife Ann. 3 (3/4):335-373.
- MULLER, H.
- E 1962 Die Aalwirtschaft in den Binnengewässern der Deutschen Demokratischen Republik. Z. Fischerei 10 (8-10):573-580.
- E \* 1962 Fang, Wachstum und Geschlecht der Aale in Binnengewässern. Deut. Fisch. Zeit. 9:111-119.
- E \* 1964 Wachstum, Futterung, Markierung und Fang von Aalen in kleinen Teichen. Z. Fischerei 12 (3-5):295-306.
- MUNRO, W.R.
- E 1957 The pike of Loch Choin. Freshwater Salmon Fish. Res. 16:16.
- MURINA, V.V.
- E 1956 The food of eel in Kournian and Vistual bays of the Baltic. Trud. Ghidrobiol. Obshch. 7: 148-162.
- MURR, E. and A. SKLOWER
- E 1928 Das Verhalten der Schilddrüse in der Metamorphose des Aales. (The endocrine organs of fish - Relation of the thyroid to the metamorphosis of eels). Z. Vergl. Physiol. 7 (2):279-288.

-Mc-

1/

McCANCE, R.A.

- E 1944 The chemistry of growth and the food value of the common eel. Biol. Chem. J. Cambridge 38 (5):474-480.

MCCAY, C.M.

- ? 1931 Phosphorus distribution, sugar, and hemoglobin in the blood of fish, eels and turtles. J. Biol. Chem. 90 (2):497-505.

MacFARLANE, W.V.

- O\* 1939 Life cycle of Coitocaecum anaspidis Hickman, a New Zealand digenetic trematode. Parasitology 31 (2):172-184.

- O\* 1945 The life cycle of the heterophoid trematode Telogasyer opisthorchis n.g. n. sp. Proc. Roy. Soc. New Zeal. 75 (2):218-230.

-N-

- NAIR, R.V. and B.S. BHIMACHAR  
O\* 1950 On some eel eggs and larvae from the Gulf  
of Manaar. Proc. Indian Acad. Sci. Sect. B  
31 (6):331-338.
- NAKAMURA, N.  
J 1955 Some examples of large male eels. Aquiculture  
3:56-57.
- J 1958 On the seasonal variation of chlor content,  
transparency and water-color of water of the  
eel-culture ponds in Tokai district, in relation  
to the particle size of phytoplankton. Bull.  
Jap. Soc. Sci. Fish. 24:495-500.
- NARDI, F.  
E 1938 Untersuchungen über die Konstitution der  
Haemolysine der normalen Fischsera. Z. Immunis-  
tatsforsch. 94 (5/6):505-520.
- NDOC, F.  
E 1959 The ichthyofauna of the lake of Pograde and of  
its affluents (Albanian and French summaries).  
Bul. Ekon. Peshk. Tirane 1 (1):140-173.
- E 1959 The marsh swamp system of Murtepse (Pulaj) and  
its management (Albanian and French summaries).  
Bul. Ekon. Peshk. Tirane 1 (1):174-210.
- NEEDLER, A.W.H.  
A 1929 Unpigmented elvers (Anguilla rostrata Lesueur)  
in haddock stomachs at Ingonish, Cape Breton.  
Copeia 171:41-42.
- A 1939-1940 A preliminary list of the fishes of Malpeque  
Bay. Proc. Nova Scotia Inst. Sci. 20 (2):33-41.
- NEILL, R.M.  
E \* 1940 On the existence of two types of chromatic  
behaviour in teleostean fishes. J. Exp. Biol.  
17 (1):74-94.
- NEUBAUER, R.  
? 1924 Abnorm gefarbter Aal. Fischerei-Zeit. 27:486.
- NEUHAUS, E.  
E \* 1942 Commercial and game fishing in Sakrower Lake.  
Allg. Fisch. Zeit. 67:79-82, 93-95.

- NIELSEN, N.V.H. and G. JOHANSEN  
E 1945 Bestimmungen von Pantothensaure und B-Alanin  
in tierischen und pflanzlichen Objekten mit  
einer neuen Methode. Compt. Rend. Trav. Lab.  
Carlsberg Copenhagen Ser. Physiol. 24 (9):97-116.
- NIKANOROV, Y. and M. SMOTRYAEV  
E 1962 The eels in Lake Seliger. Rybovodstvo i  
Rybolovstvo 3:12-14. (Referat. Zhur., Biol.,  
1962. No. 22177 (Transl.)).
- NINNI, E.  
E 1910 Mostruosita in una Anguilla. Riv. Ital. Sci.  
Nat. Siena 30:153-154.
- E 1912 Di un caso di metacromatismo in una Anguilla.  
Riv. Mens. Pesca Pavia 7:207-208.
- E 1933 Mostruosita in un Sargus vulgaris (Geof) ed in  
un' Anguilla vulgaris (Flem). Boll. Pesca  
Roma 9:108-112.
- NOLLENKAMP, F. and P. WEGEMANN  
E 1954 Smoking of Buckling and eels (in German).  
Fischwaren Feinkostindustrie 26 (2):21-24.
- NOLTE, W.  
E 1938 Die Blankaalfischerei mit grossen Reusen an  
den Kusten Rugens. Z. Fischerei 36:681-725.
- NORDQVIST, O.  
E 1904 Aalfischereiversuche und Aaluntersuchungen  
in Sud-Finland. Fisk. Tidskr. Finl. Helsing-  
fors 13:73-84.
- E 1904 Mit Marke versehener Aal eingefangen. Fisk.  
Tidskr. Finl. Helsingfors 13:165.
- E 1904 Some observations about the eel in Finland.  
Medd. Soc. Faun. Fenn. 24:48-54.
- E 1918 Om Alhannars Forekomst I Sverige. Svensk  
Fisk. Tidskr. 27 (5).

- NORDQVIST, O. and S. VALLIN  
E 1923 Untersuchungen über Aalbrut, ihre Einwanderung  
in die Ostsee und langs der Ostseeküste Schwedens.  
Oldenburg, A. Littmann:32p.
- NORMAN, J.R.  
O\* 1922 A new eel from Tobago. Ann. Mag. Nat. Hist.  
Ser. 9 (10):217-218.
- E 1926 The development of the chondrocranium of the  
eel (Anguilla vulgaris), with observations  
on the comparative morphology and development  
of the chondrocranium in bony fishes. Phil.  
Trans. Roy. Soc. London Ser. B 214 (419):  
369-464.
- NOSE, Y.  
J 1959 An experiment on the fin-clipping method for  
estimating the population size of eel in a  
culture pond (in Japanese with English summary).  
Bull. Jap. Soc. Sci. Fish. 25 (4):275-281.
- NOSEDA, V., F. CHIESA and R. MARCHETTI  
E 1963 Vectorcardiogram of Anguilla anguilla L.  
(Pisces) and Pleurodeles waltl Mich. (Urodea).  
Nature (London) 197:816-818.
- NOYES, HELEN M., I. LORBERBLATT and K.G. FALK  
? 1926 Studies on enzyme action. XXXIV. Actions of  
some ester-hydrolyzing enzymes at different  
temperatures. J. Biol. Chem. 68 (1):135-150.
- ? 1926 Studies on enzyme action. XXXVIII. The ester-  
hydrolyzing actions of the whole eel. J. Gen.  
Physiol. 10 (1):1-8.
- NYBELIN, O.  
E 1934 En mystisk alsjukdom i vara sotvatten. Svensk  
Fisk. Tidskr. 13:205-208.
- NYE, W.  
A 1883 Eels (A. rostrata) in New Bedford water pipes.  
Bull. U.S. Fish Comm. 2:272.

- OBATA, Y. and T. YAMANISHI  
J 1952 Chemical studies on the substance of fish smell.  
V. Aroma of cooked fish (in Japanese with  
English summary). Bull. Jap. Soc. Sci.  
Fish. 17 (10):326-328.
- ODIORNE, J.M.  
? 1933 The effects of the pituitary hormones on the  
melanophores of fishes. Proc. Nat. Acad. Sci.  
USA 19 (7):745-749.
- OETS, J.  
? 1950 Electrocardiograms of fishes. Physiol.  
Comparata Oecol. 2 (2):181-186.
- OGAWA, M.  
J 1962 Chloride cells in Japanese common eel, Anguilla  
japonica. Sci. Rep. Saitama Univ. 4B:131-137.
- OGURI, M. and T. HIBIYA  
J 1957 Studies on the adrenal gland of teleosts.  
II. On the adrenal tissues in 15 spp. of fishes  
(in Japanese with English summary). Bull. Jap.  
Soc. Sci. Fish. 23 (3):144-149.
- OHTA, T.  
J 1958 Contributions to the neurobiological study on  
the structure and relations of the torus longi-  
tudinalis in the teleostean brains. Okajimas  
Folia Anat. Jap. 33:45-61.
- OKADA, S. et al  
J 1962 Isolation of two bile acids from bile of eel.  
J. Biochem. Tokyo 51:310-311.
- OKADA, Y.  
J 1959-1960 Studies on the freshwater fishes of Japan.  
J. Fac. Fish. Univ. Mie 4:1-380.
- OKADA, Y. and S. KUBOTA  
J 1957 The mingling fishes in eel-culture pond as  
examined concerning the salt and fresh water  
adaptabilities. I. Preliminary consideration  
for the decision of the experimental materials  
(in Japanese with English summary). Jap. J.  
Ichthyol. 6 (4/6):128-130.

- J OKADA, Y. et al  
1959 Eel culture (in Japanese). Aquiculture 6  
(4):1-180.
- E OLIVEREAU, MADELEINE  
1955 The influence of temperature upon the histology  
of the thyroid of various teleosts. Bull. Soc.  
Zool. France 80 (1):43-52.
- E 1955 Hormone thyrotrope et température chez la  
Truite arc-en-ciel (Salmo gairdnerii L.) et  
l'Anguille (Anguilla anguilla L.). Arch. Anat.  
Microscop. Morphol. Exp. 44 (3):236-264. *Richardson*
- E 1957 Radiothyroidectomy chez l'anguille (Anguilla  
anguilla L.). Arch. Anat. Microscop. Morphol.  
Exp. 46 (1):39-59.
- E 1960 Hypophysis and sexual and thyroid activity in  
the male eel. J. Physiol. (Paris) 52 (1):181-182.
- E 1961 Sexual maturity of the male eel in fresh water.  
Compt. Rend. Acad. Sci. Paris 252 (23):3660-3662.
- E 1961 Corpuscles of Stannius and reproduction in male  
eel. Compt. Rend. Acad. Sci. Paris 253 (3):541-  
543.
- E 1963 The effects of radiothyroidectomy on the pituitary  
of the eel. Discussion of the pars distalis  
in teleost fishes. Gen. Comp. Endocrinol. 3  
(3):312-332.
- E 1963 Metopirone and interrenal in eel, A. anguilla L.  
Compt. Rend. Soc. Biol. Paris 157 (6):1207-1249.
- E 1963 Effet de la thyroximisation sur l'interrénal de  
l'Anguille. J. Physiol. (Paris) 55:310-311.
- E 1963 Effet de la radiothyroidectomy sur l'interrénal  
de l'Anguille. J. Physiol. (Paris) 55:311-312.
- E 1963 Action de l'aldactone sur les corpuscules de  
Stannius de l'Anguille. Compt. Rend. Acad. Sci.  
Paris 257:4035-4038.

- OLIVEREAU MADELEINE (continued)
- E \* 1964 Corpuscles of Stannius and osmoregulation in eels. Amer. Zool. 4 (3):326-327.
- E \* 1964 Corpuscles of Stannius in seawater eels. Amer. Zool. 4 (4):415.
- E 1964 Action de l'aldactone sur l'interrénal antérieur de l'Anguille. J. Physiol. (Paris) 56 (4): 625-626.
- E 1965 Action de la métopirone chez l'anguille normale et hypophysectomisée, en particulier sur le système hypophyse-corticosurrénalien. Gen. Comp. Endocrinol. 5:109-128.
- E 1966 Action de la prolactine chez l'anguille intacte et hypophysectomisée. I. Système hypophyso-thyroidien et pigmentation. Gen. Comp. Endocrinol. 6:130-143.
- E 1966 Effet de l'aldactone chez l'Anguille hypophysectomisée. J. Physiol. (Paris) 58:578-579.
- E 1966 Effet d'un traitement par le cortisol sur la structure histologique de l'interrénal et de quelques tissus de l'Anguille. Ann. Endocrinol. 27:549-560.
- OLIVEREAU, MADELEINE and J.N. BALL
- E 1963 Fonction corticotrope et cytologie hypophysaire chez deux téléostéens: Mollienesia latipinna LeSeur et A. anguilla L. Compt. Rend. Acad. Sci. Paris 256:3766-3769.
- OLIVEREAU, MADELEINE and MARIE-MADELEINE CHARTIER-BARADUC
- E 1965 Aldactone et osmoregulation chez l'Anguille. Compt. Rend. Soc. Biol. 159 (7):1498-1503.  
1/
- OLIVEREAU, MADELEINE and M. FONTAINE
- E 1965 Effet de l'hypophysectomie sur les corpuscules de Stannius de l'Anguille. Compt. Rend. Acad. Sci. Paris 261:2003-2008.
- E 1966 Cytological study of mature female eel's hypophysis. Compt. Rend. Soc. Biol. 160: 1374-1380.

- OLIVEREAU, MADELEINE and H. FROMENTIN  
E 1954 The effect of hypophysectomy on the histology  
of the anterior interrenal tissue in the eel,  
*Anguilla anguilla*. Ann. Endocrinol. 15 (6):  
805-826.
- OLIVEREAU, MADELEINE and M. HERLANT  
E 1960 A study of the pituitary of the male eel during  
reproduction. Compt. Rend. Soc. Biol. Paris  
154:706-709.
- OMER-COOPER, J.  
? 1953 Silver eels. Piscator 7:38.
- ONODERA, K.  
J 1962 Some data on eel-culture in Japan. Occ. Pap.  
Indo-Pacif. Fish. Coun. 62 (6):3p.
- OORDT, G. J. van and L.H. BRETSCHNEIDER  
E 1941 The effect of gonadotrophic substances on the  
development of the testes of the eel (*Anguilla*  
*anguilla* L.). Wilhelm Roux Arch. Entwicklung-  
smech. Organ. 141 (1):45-57.
- OPUSZYNSKI, K.  
E 1963 Attempts at investigating elvers (*Anguilla*  
*anguilla*) (Osteichthyes) in Polish inland  
waters. Ekologia Polska. Ser. A 11 (2):59-85.
- E 1965 Observations on young eel (*Anguilla anguilla*  
L.). Age and Biology (in Polish with Russian  
and English summaries). Roczniki Nauk Rolniczych  
86-B-2:393-411.
- ORSENIGO, L.  
E 1911 Intorno alla lunghezza delle anguilline di  
montata. Boll. Soc. Lomb. Pesca Acquicolt. 4.
- OSHIMA, M.  
J 1941 What is the breeding grounds of the Japanese  
eel? Kagaku Nanyo (Sci. South Sea) 4 (1):62-63.
- OSHIMA, S.  
J 1928 Chemical studies on the silkworm pupa as fish  
food. 2. The digestion of silkworm pupa with  
protease of eels. J. Imp. Fish. Inst. Tokyo  
23 (4):115-116.

- OSHIMA, S. (continued)
- J 1928 On the chemical change of the eels in the course of fasting. J. Imp. Fish. Inst. Tokyo 23 (4):119-120.
- J 1930 On the chemical changes produced in eels (Anguilla japonica) during the period of starvation of food in summer (in Japanese with English abstr.). J. Imp. Fish. Exp. Sta. Tokyo 1 (1):155-166.
- J 1930 Chemical studies of the constitution of eels (Anguilla japonica) (in Japanese with English abstr.). J. Imp. Fish. Exp. Sta. Tokyo 1 (1):177-200.
- J 1930 On chemical changes in the body of the eel by inanition during summer. Suisan Sik. Hok. 1:155-166.
- J 1930 Chemical studies on the constitution of the eel. Suisan Sik. Hok. 1:177-200.
- J 1931 On the toxic action of dissolved salts and their electrolytes upon young eels. Suisan Sik. Hok. 2:139-193.
- J 1932 Chemical studies on the constitution of the eel. Jap. J. Zool. Tokyo 4 (1932):34.
- J 1932 On chemical changes in the body of the eel by inanition during summer. Jap. J. Zool. Tokyo 4 (1932):34.
- J 1932 On the toxic action of dissolved salts and their electrolytes upon young eels. Jap. J. Zool. Tokyo 4 (1932):35.
- OSMAN, H.G.
- E \* 1964 Serological and chemical studies in extract from the yew, Taxus baccata. Egypt Pharm. Bull. 44 (4):417-424.
- OTTERSTRØM, C.V.
- E 1932 Haderslev Dam. Ferskvandsfiskeribladet 30 (4/5):45-57, 66-82.

- OTTERSTRØM, C.V. (continued)
- E 1934 Aalekisterne og de nedadvandrende ørreder.  
Ferskvandsfiskeribladet 32 (12).
- E 1945 Turbines and descending salmon and trout smolts  
(and eels). IV. Rep. Danish Biol. Sta. 44.
- OYA, T., M. KAWAKAMI and S. SUZUKI
- J 1927 On the digestive ferment in the pancreas of  
*Anguilla japonica*. J. Imp. Fish. Inst. 22  
(5):343-351.

- A PACKARD, A.  
A 1879 On the reproduction of the American eel. Zool. Anz. 2:15.
- A 1879 On the breeding of the eel; on the finding of male eels. Amer. Natur. 13:25-30, 125, 319.
- E PAGET, G.W.  
E 1923 The ascent of elvers in Egyptian waters. Nature (London) 111:290.
- ? PALAY, S.L.  
? 1945 Neurosecretion. VII. The preoptico-hypophysial pathway in fishes. J. Comp. Neurol. 82 (2):129-143.
- E PALAYER, P.  
E 1962 Influence of food and of thyroxine on the morphology of the pancreas of the eel (Anguilla anguilla L.). Compt. Rend. Soc. Biol. Paris 156 (5):785-790.
- E 1963 Influence de la température sur la morphologie du pancreas de l'anguille (A. anguilla L.). Bull. Mus. Hist. Nat. Paris 35 (2):247-252.
- E 1964 Corrélations entre rhéotropisme et morphogénèse d'une part et structure histologique du pancréas endocrine d'autre part chez la civelle (A. anguilla L.). Ann. Endocrinol. 25 (6):619-624.
- E \* PALMEN, J.A.  
E \* 1904 Mit Marke versehene Aale. Tidskr. Jag. Fisk. Helsingfors 12:167.
- E 1905 Über die Wanderungen der finlandischen Aale. Luonnon Ystava Helsingfors 9:294-296.
- E 1906 Über die Wanderungen der finlandischen Aale. Fisk. Tidskr. Finl. Helsingfors 15:23-27.
- E 1910 Der Lachs, der Aal und ihre Wanderungen. Helsingfors 1910:1-21.

- PANTULU, V.R.
- O 1956 Studies on the biology of the Indian fresh-water eel, Anguilla bengalensis Gray. Proc. Nat. Inst. Sci. India. Part B. Biol. Sci. 22 (5):259-280.
- PANTULU, V.R. and S. JONES
- O\* 1954 On some metamorphosing stages of eels (Muraenidae) from the estuary of the Burhabulong River, Orissa State. Proc. Indian Acad. Sci. Sect. B 39 (1):24-35.
- PANTULU, V.R. and V.D. SINGH
- O 1962 On the use of otoliths for the determination of age and growth of Anguilla nebulosa nebulosa McClelland. Proc. Indian Acad. Sci. Sect. B 55 (5):263-275.
- PANU, A.
- E 1929 Les pigments du tégument de l'anguille. Thesis, Paris.
- E 1929 Sur les cellules pigmentaires de la peau de l'Anguille (A. anguilla L.). Compt. Rend. Soc. Biol. Paris 100:481-483.
- E 1929 Sur l'influence des caractères physico-chimiques du milieu sur l'évolution du pigment et l'état physiologique de l'anguille. Compt. Rend. Soc. Biol. Paris 101:279-281.
- PANZERA, O.
- E \* 1931 The detailed structure of the red bodies of the swim bladder. Atti Soc. Ital. Sci. Nat. Mus. Civ. Storia Nat. Milano 70 (1):29-44.
- PARDO, L.
- E \* 1922 Sobre una cabeza anormal de anguila. Butll. Inst. Catal. N.H. Barcelona 2 (2):89-90.
- PARKER, G.H.
- A 1943 Color changes in the American eel, Anguilla rostrata. Anat. Rec. 87 (4):35-36.
- A 1945 Melanophore activators in the common American eel Anguilla rostrata (LeSueur). J. Exp. Zool. 98 (3):211-234.

- PARR, A.E.
- ? 1932 Deep sea eels, exclusive of larval forms.  
(Scientific results of the third oceanographic  
expedition of the "Pawnee", 1927). Bull.  
Bingham Oceanogr. Coll. 3 (5):1-41.
- PAVESI, P.
- E \* 1886 Translations of his observations on male eels  
(not actual title). Bull. U.S. Fish Comm.  
1886:222-224.
- PEL, J. van
- E ? Hot smoking of eel. Institute for Fishery  
Products TNO, Ijmuiden, Netherlands:4p.
- PELLEGRIN, J. and J. SPILLMANN
- E 1938 Inégalité de développement et cannibalisme  
chez l'anguille. Bull. Soc. Centr. Aquicult.  
Pêche Paris 45:65-69.
- PENNOCK, J.F., R.A. MORTON, D.E.M. LAWSON and D.L.  
LAIDMAN
- ? 1962 Quinones and related compounds in fish tissues.  
Biochem. J. 84 (3):637-640.
- PEQUIGNOT, J. and A. SERFATY
- E \* 1965 Influence de la salinité sur la respiration  
tissulaire chez les Téléostéens. Experientia  
21:227-230.
- E 1966 Variations de salinité chez les anguilles.  
Modifications du QO<sub>2</sub> et des teneurs en cations  
des tissus hépatiques et rénaux. Experientia  
22:121.
- PERLMUTTER, A.
- A 1951 An aquarium experiment on the American eel as  
a predator on larval lampreys. Copeia 1951  
(2):173-174.
- PERRETT, R.
- E 1958 Eels: How to catch them. Herbert Jenkins  
Ltd., London: 96p.

- PETERSEN, C.G.J.
- E 1896 The common eel gets a particular breeding-dress before its emigration to the sea. Rep. Dan. Biol. Sta. 5:5-37.
- E 1905 Larval Eels (Leptocephalus brevirostris) of the Atlantic Coasts of Europe. Medd. Komm. Havundersøg. Fiskeri 1 (5):1-5.
- AE \* 1905 European eel in America. Medd. Komm. Havundersøg. Fiskeri 1 (5).
- E 1908 The influence of light on the migrations of the eel. Rep. Danish Biol. Sta. 14:3-9.
- PETIT, G., D. SCHACTER and H. POUSSEL  
? 1941 Les Civelles de l'Huveaume en 1940-1941. Bull. Mus. Hist. Nat. 1:93-106.
- PETIT, G. and V. VILTER  
E 1944 Stabulation des Civelles à l'embouchure d'un fleuve du Golfe de Marseille. Compt. Rend. Soc. Biol. Paris 138:632-634.
- E 1944 Sur l'écologie des Civelles d'étangs Méditerranéens. Compt. Rend. Soc. Biol. Paris 138 (17-18):661-662.
- PETRUSCHEWSKY, G.K.  
E \* 1931 Über die Verbreitung der Plerocercoide von Diphyllobothrium latum in den Fischen der Newabucht. (Vorläufige Mitteilung). Zool. Anz. 94 (5/8):139-147.
- PETTIT, A.  
E 1898 Alterations rénales consécutives à l'injection de sérum d'anguille. Compt. Rend. Soc. Biol. Paris 50.
- PHILLIPPS, W.J.  
? 1932 Hybridism in eels. Nature (London) 130:889-890.
- PHILLIPS, J.S.  
O 1929 A report on the food of trout and other conditions affecting their well-being in the Wellington district. New Zeal. Mar. Dep. Fish. Bull. 2:1-30.

- E \* PHISALIX, M.  
1926 Natural immunity of the eel against rabies virus  
and the anti-rabid power of eel serum. Compt.  
Rend. Acad. Sci. Paris 182 (2):182-184.
- E \* 1926 Natural immunity of the eel to rabies and  
rabicidal action of eel serum. Bull. Mus. Nat.  
Hist. Nat. Paris 1926 (1):89-91.
- E PIGGINS, D.J.  
1958 Investigations on predators of salmon smolts  
and parr. Rep. Salmon Res. Trust. Ireland 1953.  
Append. 1.
- E \* PINTERA, J. and A. POLASKOVA  
1960 Preparation of an anti-H serum from the blood  
of the eel. (Transl.). Probl. Gematol. Pere-  
livaniia Krovi 5 (12):850-853.
- E \* PINTNER, T.  
1908 Die Aalfrage. Wien, Schr. Ver. Verbr. Natw.  
Kenntn. 48:117-143.
- E PITMAN, C.R.S.  
1957 Further notes on aquatic predators of birds  
II. Bull. Brit. Ornithol. Club 77 (7):105-110.
- E PODSADLOWSKI, F.  
1949 Eel "shocker" fisheries in the Rhine. Allg.  
Fisch. Zeit. 74 (6):94-95.
- A POEY, F.  
1868 Monograph of the eels of Cuba. Report.  
Fish-nat. Cuba 2:245-268, 424-428.
- E POLIMANTI, O.  
1945 Sul contenuto in calcio degli otoliti di  
anguille (*A. anguilla*) di varie regioni d'  
Europa. Riv. Biol. Firenze 37:105-108.
- E POLLAK, A.  
1953 The tail vessels of the eel, *Anguilla anguilla*.  
Folia Morphol. 4 (4):283-290.
- E POPOV, A.M.  
1930 Teratological material from the ichthyofauna  
of the Black Sea (English summary). Bull. Acad.  
Sci. URSS., Cl. Sci. Phys.-Math. 1930 (10):1053-  
1078.

- O POPTA, C.M.L.  
1924 Anguilla borneensis n. sp. Zool. Meded.  
Leiden 8:73-76.
- E PORTIER, P. and M. DUVAL  
1922 Variation de la pression osmotique de sang  
de l'Anguille en fonction des modifications  
de salinite du milieu exterieur. Compt. Rend.  
Acad. Sci. Paris 175:324-326.
- E 1922 Pression osmotique du sang de l'Anguille  
"essuyee" en fonction des modifications de  
salinite du milieu exterieur. Compt. Rend.  
Acad. Sci. Paris 175:1105-1107.
- O POWELL, J.  
1930 Notes on elvers of Anguilla reinhardti.  
Austral. Natur. 8 (2):38.
- E PRECHT, H.  
1951 Der Einfluss der Temperatur auf die Atmung und  
auf einige Fermente beim Aal (A. vulgaris L.).  
Biol. Zentralbl. 70:71-85.
- E 1961 Beitrage zur Temperaturadaptation des Aales  
(A. vulgaris L.). Z. Vergl. Physiol. 44:451-462.
- E \* PREYER, JOHANNA  
1932 Uber die Wirkungsweise der Herznerven bei den  
Fischen. Z. Vergl. Physiol. 18 (1):1-9.
- E \* PROSSER, C.L., H. PRECHT and H.-D. JANKOWSKY  
1965 Nervous control of metabolism during temperature  
acclimation of fish. Naturwissenschaften 7:168-  
169.
- E \* PUGLIESE, A.  
1961 Concentrazione di radiottivita presente nelle  
principali specie ittiche ommestibili del Lago  
Maggiore. R.C. Ist Lombardo 95B:216-231.
- A PUTNAM, F.  
1878 On the spawning of the eel, A. bostoniensis.  
Proc. Boston Soc. 14:279.

QUINTON, R.

- E \* 1904 Degré de concentration saline du milieu vital de l'Anguille dans l'eau de mer et dans l'eau douce et après son passage expérimental de la première eau dans la seconde. Compt. Rend. Acad. Sci. Paris 139:938-941.

- E \* 1905 De quelques phénomènes accompagnant chez l'anguille la passage expérimental de l'eau de mer dans l'eau douce. Arcachon Trav. Soc. Sci. Sta. Biol. 1905:112-113.

QURESHI, M.R.

- O\* 1958 A field key to the identification of fishes. 5. Order Anguilliformes. Agr. Pakist. 9 (2): 170-182.

- O\* 1961 A field-key to the identification of fishes . 5. Order Anguilliformes. Contr. Publ. IPFC/ C61/CP33.

-R-

- RABEN, V. von
- E 1949 A device to allow small fish to pass through eel fykes, in the Mosel. Allg. Fisch. Zeit. 74 (18):357-358.
- E 1952 Vom Leben und Wandern des Aales. Kosmos, Stuttgart 48:506-510.
- RAFFY, ANNE
- E 1933 Comparaison du métabolisme respiratoire de l'anguille à quelques stades de son développement. Compt. Rend. Acad. Sci. Paris 196 (5):374-376.
- RAFFY, ANNE and M. FONTAINE
- E 1930 Sur l'influence des variations de salinité sur la respiration des civelles. Compt. Rend. Soc. Biol. Paris 104:466-468.
- RAHIMULLAH, M., S. MAHMOOD and S.A. KABIR
- O 1944 A note on the breeding habits of a common eel, Anguilla bengalensis Gray and Hardy. Proc. Indian Acad. Sci. Sect. B 19 (1):16-18.
- RAHN, J.
- E 1955 Untersuchungen über Alter und Wachstum des Aalbestandes im Sakrower See. Z. Fischerei 4:235-256.
- E 1957 Beitrag zur Altersbestimmung an Aalen. Z. Fischerei 6:393-396.
- E 1957 Stocking with eel or with eel fry? Deut. Fisch. Zeit. 4:70-72.
- RAJ, B.S.
- O\* 1941 Dams and fisheries; Mettur and its lessons for India. Proc. Indian Acad. Sci. Sect. B. 14 (4):341-358.
- RANDOIN, L., M. FONTAINE, R.G. BUSNEL and A. RAFFY
- E 1938 Facteurs de croissance du rat contenus dans la peau et les écailles de certains poissons. Compt. Rend. Soc. Biol. Paris 129 (28): 473-476.

- RANKOVIE, N.J.
- E 1957 Yugoslav experiments with eel lines (in German). *Fischwirt* 4 (1):15-17.
- RASMUSSEN, C.J.
- E 1951 The Danish finds of female eel (*A. anguilla*) in spawning or partial spawning dress. *Rep. Danish Biol. Sta.* 53:36-39.
- E 1952 Size and age of the silver eel, *Anguilla anguilla* L., in Esrum Lake. *Rep. Danish Biol. Sta.* 54:3-36.
- RAUBER, ?
- E \* 1876 Ueber das Geschlecht des Aals. *SB. Ges. Leipzig* 1876:111-112.
- RAVAUT, R.
- E 1951 Conserves de piballes aux Pays basque. (Canned young eels in the French Basque zone). *Revue de la Conserve*, March-April:58-61.
- REGAN, C.T.
- E 1922 The life-history of the common or freshwater eel. *Sci. Progr. London* 17:95-100.
- ? 1933 Johannes Schmidt (1877-1933). *J. Conseil Copenhague* 8 (2):145-160.
- REICHENBACH-KLINKE, H.H.
- E 1952 Ein Aal (*Anguilla vulgaris* Turton) mit doppelter Leber. *Nachr. Naturw. Mus. Aschaffenburg*. 37:51-54.
- E 1956 Ein Aal (*A. vulgaris* Turton) mit einem Stein in der Leibeshöhle. *Nachr. Naturw. Mus. Aschaffenburg*. 53:23-27.
- REID, E.W.
- E \* 1893 The electromotive properties of the skin of the common eel. *Phil. Trans.* 184 B:335-365.
- E \* 1893 The process of secretion in the skin of the common eel. *Proc. Roy. Soc. London* 53:36-41.
- REUSS, H. and E. WEINLAND
- E \* 1913 Über den chemische Zusammensetzung der Aalbrut unter verschiedenen. *Z. Biol.* 59:283.

- E RICHET, C. and J. HERICOURT  
1897 Action locale du sérum d'anguille. Sérotherapie contre les effets toxiques de ce sérum. Compt. Rend. Soc. Biol., Ser. 10, Vol. 4.
- E RIEMANN, H.  
1948 Packing of smoked eel in oil. Fiskeriministeriets Forsøgslaboratorium, June-July:4p.
- E RISSO, A.  
\* 1826 Histoire naturelle de l'Europe méridionale. Vol. III. Paris.
- A RIVERO, L.H.  
\* 1934 Some new and rare Cuban eels. Mem. Soc. Cubana Hist. Nat. 8 (5):339-344.
- E ROBIN, C.  
1881 Anguilla vulgaris. Describes the sexual differences of the common eel. Compt. Rend. Acad. Sci. Paris 92:378-383.
- E ROCCA, E. and F. GHIRETTI  
1964 A toxic protein from eel serum (A. vulgaris). Toxicon 2 (1):79-80.
- E RODE, P.  
1929 Recherches sur l'organe sensoriel latéral des téléostéens. Bull. Biol. France Belgique 63 (1):1-84.
- E RODOLICO, A.  
1932 Caratteri differenziali del sesso nei corpi genitali delle Anguille durante lo sviluppo. Boll. Soc. Ital. Biol. Sper. 7:1433-1437.
- E 1933 Differenziamento sessuale ed ovospermato-genesi nell'Anguilla. Monit. Zool. Ital. Firenze 43:212.
- E 1933 Differentiation of sex and ova-spermatogenesis in the eel. Pub. Sta. Zool. Napoli 13 (2):180-278.
- E ROGERS, A.  
1964 An appraisal of the feeding habits of the eel Anguilla anguilla in the Cottage River. Salmon Res. Trust Ireland, Inc., Rep. 1964, Append. 6: 54-62.

- E ROHLER, A.  
1933 Aalwirtschaft in deutschen Gewässern. I.  
Aalbesatz und Fangsteigerung. Fischmarkt  
1:202-204.
- E 1934 Aalwirtschaft in deutschen Gewässern. II.  
Fischmarkt 2:4-6.
- E 1938 Dreissig Jahre Aalbrutbeschaffung für die  
deutsch Fischerei. Fischerei Zeit. 41:42.
- E 1939 Bericht über die Aalbrutgewinnung im Frühjahr  
1939. Fischerei Zeit. 42:305.
- E ROMEU, F.G. and R. MOTAIS  
1966 Study of the  $\text{Na}^+/\text{NH}_4^+$  exchange in the fresh-  
water eel (in French with English summary).  
Comp. Biochem. Physiol. 17 (4):1201-1204.
- E RONNESTAD, P. and P. BJERKAN  
1933 Undersøkelser vedkommende det nye fiske med  
aletral (aleslepvad) på Skagerakkysten 1930.  
Aarsberetn Norg. Fisk. 1931 (1):83-104.
- E ROSEN, N.  
1920 Om Norrbottens saltsjoomrades fiskar och fiske.  
Medd. Kgl. Lantbruksstyr. 225:94p.
- E 1945 Fishery Prospects. Svenska Västkustfiskaren  
15 (5):32-35.
- E ROSENGARTEN, J.  
1954 Der Aufstieg der Fische im Moselfischpas  
Koblenz im Frühjahr 1952 und 1953. Z.  
Fischerei 3:489-552.
- E ROULE, L.  
1914 Diagnoses préliminaires des larves de poissons  
Apodes récueillies dans ses croisières par  
S.A.S. le Prince de Monaco. Bull. Inst.  
Océanogr. Monaco 292:12p.
- E \* 1923 Les migrations et la ponte de l'anguille.  
Rev. Sci. Paris 61:225-233.
- E 1937 La migration génétique des Anguilles d'Europe  
(*A. anguilla* L.). Bull. Inst. Océanogr.  
Monaco 733:23p.

- ROULE, L. (continued)
- E 1937 Le cycle biologique des Anguilles d'Europe.  
Scientia Bologna 62 (12):326-331.
- E 1942 Remarques sur la vie cyclique de l'Anguille  
d'Europe (*A. anguilla* L.). Bull. Mus. Hist.  
Nat. Paris 14:167-168.
- ROVESTI, P. and A. TOSATTO
- E \* 1965 Mucous extracts of eel skin which hydrate  
the skin. Riv. Ital. Essenze Profumi 47  
(8):452-453.
- ROY, H.
- E 1962 The present status of eel fisheries in the  
coastal waters of Eastern Germany (in English  
and Russian). Z. Fischerei 10 (8/10):625-634.
- RUMPHORST, H.
- E 1929 Zwei Fälle von Xanthorismus beim Aal. Mitt.  
Deut. Seefisch. Vereins 45:123-124.
- RUSHTON, W.
- ? 1934 Eels in water mains (in China). Salmon Trout  
Mag. London 77:352-353.

-S-

- SABRAZES, J. and L. MURATET  
E 1905 Vitalité de l'Anguilla vulgaris dans l'eau stagnante; véritable culture d'algues vertes. Compt. Rend. Soc. Biol. Paris 58:682.
- E 1909 Absence d'autoagglutination des hematies dans les préparations du sang d'Anguilla vulgaris contenant des trypanosomes. Bordeaux Actes Soc. Linn. 72:43.
- SADOLIN, E.  
? 1928 Presence of arsenic in fish. Biochem. Z. 201 (4/6):323-331.
- SAEKI, A.  
J 1958 The culture of the eel, A. japonica, in the laboratory by closed-circulating system. Aquiculture (Tokyo) 6 (1):36-42.
- SAEMUNDSSON, B.  
E \* 1911 The biology of the eel. Reykjavik Skirnir 1911:305-322.
- SAHLIN, S.  
E 1958 Tagging of silver eels. Ann. Biol. Copenhague 13:123.
- SAILLY, J. de  
E \* 1907 Détermination du sexe des anguilles. Bull. Soc. Centr. Aquicult. Paris 19:275-276.
- SALVAGNO, B.  
E 1960 The parasite "argulus" infests our lagoons. G. Pesca 10 (19):5.
- SAMUEL, C.T.  
O 1958 Some aspects of the burrowing fishes from Kerala (A. australis). Abstr. Contr. Symp. 1st All-India Congr. Zool. 8.
- SANDOR, T., G.P. VINSON, I.C. JONES, I.W. HENDERSON and B.J. WHITEHOUSE  
E 1966 Biogenesis of corticosteroids in the European eel A. anguilla L. J. Endocrinol. 34 (1): 105-115.

- SANO, T.
- J 1957 Haematological studies of the culture fishes in Japan. 1. On the blood of eel. J. Tokyo Univ. Fish. 43:75-79.
- J 1962 Haematological studies of the culture fishes in Japan. 6. Variation in blood constituents of Japanese eel, Anguilla japonica, during starvation. J. Tokyo Univ. Fish. 48 (1): 105-109.
- SANO, Y.
- J \* 1961 Das caudale neurosekretorische System bei Fischen. Ergebni. Biol. 24:191-212.
- SANUSI, R.
- O 1958 Capture of eels at Batang Anai, western Sumatra. Berita Perik. 10 (5):73.
- SANZO, L.
- ? 1926 Probable egg of the eel. Atti Soc. Ital. Progr. Sci. 1925:521-522.
- E 1931 Si riproduce l'Anguilla vulgaris nel Mediteraneo? 7th Congr. Int. Aquicult. Pêche, Paris, Rapports, Groupe 2 (1).
- SATOH, H. et al
- J 1962 Studies on the sexual maturation of the eel. 1. On the sex differentiation and the maturing process of the gonads. Bull. Jap. Soc. Sci. Fish. 28:579-584.
- SAUVAGE, H.E.
- O 1891 Histoire Naturelle des Poissons. In Histoire physique, naturelle et politique de Madagascar. Paris. Vol. 16:543p.
- SAVIANO, M.
- E 1942 Studies of the vitamin A content of Mediterranean fishes. I. A. vulgaris. Pub. Sta. Zool. Napoli 19 (2):103-110.
- SCHAFFERNA, K.
- ? 1928 The geographic distribution and migrations of eels. Veda Prirodni (Prague) 7 (2/3):46-50.

- SCHAFFERNA, K. (continued)
- ? 1934 Prve Nalezy Uhorich Samecku V Cechach.  
Rybarsky Vestnik 14 (1):8-11.
- SCHAFFERNA, K. and O. JIROVEC
- ? 1934 Zur Kenntnis des Myxidium giardi Cepede.  
Zool. Anz. 105 (9/10):266-270.
- SCHAPERCLAUS, W.
- E 1927 Die Rotseuche des Aals im Bezirk von Rugen  
und Stralsund. Z. Fischerei 25:99-128.
- E 1934 Untersuchungen über die Aalseuchen in deutschen  
Binnen- und Kustengewässern 1930-1933. Z.  
Fischerei 32:191-217.
- SCHEURING, L.
- E \* 1927 An eel bent into undulating curves. Allg.  
Fisch. Zeit. 52 (20):349-350.
- SCHIEMENZ, F.
- E 1930 Über Aalbesatz und Aalaufstieg in den Gewässern  
Hannovers. Allg. Fisch. Zeit. 55:87.
- E 1960 Differences in the migration of fishes,  
especially of eels in different stages of  
maturity, in canalized and uncanalized streams  
and the importance of fish ladders. Z.  
Fischerei 9 (1/2):133-154.
- SCHIEMENZ, F. and H. KUHNE
- E 1964 Eine weitere Beobachtung zum Aufstieg von  
Jungaalen in Aalschlangeltreppen. Fischwirt  
14:333-339.
- SCHIEMENZ, P.
- E \* 1910 Was frist der Aal? Fischerbote 8:197-200.
- E \* 1935 Untersuchungen und Betrachtungen über den Aal.  
Z. Fischerei 33:615-680.
- SCHLIEKER, E.
- E 1957 Description of the fishery with large traps.  
Deut. Fisch. Zeit. 4 (5):129.

- SCHLIEPER, C.
- E \* 1930 Die Osmoregulation wasserlebender Tiere  
(English summary). Biol. Rev. 5 (4):309-356.
- E 1933 Über die Permeabilität der Aalkiem. I. Die  
Wasserdurchlassigkeit und der angebliche Wasser-  
transport der Aalkiem bei hypertonischem  
Aussenmedium. Z. Wiss. Biol. Abt. C. Z. Vergl.  
Physiol. 19 (1):68-83.
- SCHMEIDLER, E.
- E \* 1957 Entwicklung des Glasalaufstieges in der Ems,  
seine zeitliche Begrenzung und die auf ihn  
einwirkende Wassertemperatur. Z. Fischerei  
6 (1-7):141-144.
- SCHMIDT, ?
- E \* 1878 On the economy of the eel. Arch. Ver.  
Mecklenb. 31:102-110.
- SCHMIDT, J.
- E 1906 Contributions to the life-history of the eel  
(Anguilla vulgaris Flem.). Rappt. Procès-  
Verbaux, Conseil Perm. Int. Exp. Mer 5:137-274.
- ? 1909 On the distribution of freshwater eels.  
Rep. Brit. Ass. Adv. Sci. 79:511-515.
- E 1909 The distribution of the freshwater eels  
(A. anguilla) throughout the world. I. The  
Atlantic Ocean and adjacent regions. Kgl.  
Danske Vidensk. Selsk. Skrift. 7 (8):119-178.
- E 1909 Remarks on the metamorphosis and distribution  
of the larvae of the eel (Anguilla vulgaris  
Turt.). Medd. Komm. Havundersøg. Fiskeri 3  
(3):1-17.
- E 1909 On the occurrence of Leptocephali (larval  
muraenoids) in the Atlantic west of Europe.  
Medd. Komm. Havundersøg. Fiskeri 3 (6):1-19.
- AE \* 1909 On the distribution of the freshwater eels  
throughout the world. I. Atlantic Ocean and  
adjacent regions. A biogeographical investigation.  
Medd. Komm. Havundersøg. Fiskeri 3 (7):1-45.

- SCHMIDT, J. (continued)
- E \* 1909 Contributions to the life history of the eel.  
Copenhagen, 1909.
- E 1910 Sind Grossengruppen bei den west- und nord-europaischen Glasaalen nachweisbar? Fischerbote 2 (11):285-286.
- E \* 1911 Messungen von Mittelmeer-Glasaalen. Fischerbote 3 (5):139-140.
- ? 1911 Funf Jahre danischer Untersuchungen über die Biologie der aalartigen Fische. Fischerbote 3:374-379.
- ? 1912 Über die Fortpflanzung des Aals und seine Laichplatze, eine zusammenfassende Uebersicht. Fischerbote 4:201-209.
- E \* 1912 The reproduction and spawning of the freshwater eel. Nature (London) 89:633-636.
- E \* 1912 Five years' Danish investigations on the biology of the eel. Rep. Brit. Ass. Adv. Sci. 81:409-412.
- E \* 1912 Danish investigations in the Atlantic and the Mediterranean of the biology of the eel. Skrift. Komm. Havundersøg. 8:1-33.
- AE \* 1912 Contributions to the biology of some north Atlantic species of eels. Vidensk. Medd. Naturhist. Foran. 64:39-51.
- E 1912 Sur la reproduction et les lieux de ponte de l'Anguille vulgaire, (*A. vulgaris*). Bull. Soc. Centr. Aquicult. Pêche 24 (9-10):216-226.
- E 1912 Danish researches in the Atlantic and Mediterranean on the life history of the freshwater eel (*Anguilla vulgaris* Turt.). Int. Rev. Ges. Hydrobiol. Hydrogr. 5:317-342.
- E 1912 Larvae in Mediterranean. Rep. Danish Oceanogr. Exped. Mediterranean 1 (1).
- E 1913 Neue methoden der altersbestimmung beim aal. Fischerbote 5 (2):61-63.

- SCHMIDT, J. (continued)
- E \* 1913 Har vi to Slags Aal? Ferskvandsfiskeribladet 4:21-23.
- E \* 1913 On the identification of Muraenoid larvae in their early ("preleptocephaline") stages. Medd. Komm. Havundersøg. Fiskeri 4:1-13.
- E \* 1913 First report on eels, 1913. Rappt. Proces-Verbaux Reunions, Conseil Perm. Int. Expl. Mer 18:1-30.
- ? 1914 On the classification of the freshwater eels (Anguilla). Medd. Komm. Havundersøg. Fiskeri 4 (7):1-19.
- ? 1915 Second report on eel investigations 1915. Rappt. Proces-Verbaux Reunions, Conseil Perm. Int. Expl. Mer 23 (1):1-24.
- AE \* 1916 On the early larval stage of the freshwater eel (Anguilla) and some other North Atlantic Muraenoids. Medd. Komm. Havundersøg. Fiskeri 5 (4):1-20.
- ? 1917 Racial Investigations. Compt. Rend. Lab. Carlsberg. 13 (3):279-396.
- ? 1919 Stations in Atlantic 1911-1916. Medd. Komm. Havundersøg. Fiskeri 5 (7).
- E \* 1922 The breeding places of the eel. Phil. Trans. Roy. Soc. London, Ser. B 211:179-208.
- E \* 1922 The life history of the eel. Nature (London) 110:716.
- E \* 1922 Aalens Ynglepladser. Naturens 6:1-39.
- E \* 1923 Breeding places and migrations of the eel. Nature (London) 111:51-54
- E \* 1923 Tenacity of life of an eel. Nature (London) 112:205.
- E \* 1923 Die Laichplätze des flussaals. Int. Rev. Ges. Hydrobiol. Hydrogr. 11:1-40.

- SCHMIDT, J. (continued)
- O 1923 Aalespørgsmalet i det Indo-Pacifiske Omraade.  
Danmarks-posten 12:1-2.
- E 1924 L'immigration des larves d'Anguille, dans la  
Méditerranée, par le détroit de Gibralter.  
Compt. Rend. Acad. Sci. 179:729-732.
- E 1924 Migration through the Strait of Gibralter.  
Nature (London) 112:379-381.
- E 1924 The transatlantic migration of the eel-larvae.  
Nature (London) 113:12.
- E \* 1925 The breeding places of the eel. Ann. Rep.  
Smithsonian Inst. 1924:279-316.
- AEJO 1925 On the distribution of the fresh-water eels  
(Anguilla) throughout the world. II. Indo-  
Pacific region. A biogeographical investigation.  
Klg. Dansk Vidensk. Selsk. Skrift. 10 (4):  
329-382.
- O 1927 Les anguilles de Tahiti. Nature (Paris) 1927:  
57-65.
- E \* 1927 Eel larvae in the Faroe Channel. J. Conseil.  
Perm. Int. Expl. Mer 2 (1):38-43.
- O 1927 The fresh-water eels of New Zealand. Trans.  
Proc. New Zeal. Inst. 58 (4):379-388.
- O 1928 The fresh-water eels of Australia. With some  
remarks on the short finned species of Anguilla.  
Rec. Austral. Mus. 16 (4):179-210.
- AE \* 1931 Eels and conger eels of the north Atlantic.  
Nature (London) 128:602-604.
- ? 1932 Dana's Togt omkring Jorden 1928-1930.  
Copenhagen.
- O 1932 Freshwater eels in British India. Nature  
(London) 129:60.
- E 1932 Note sur les recherches du navire "Dana" en  
Méditerranée. Rappt. Procès-Verbaux Reunions,  
Conseil Perm. Int. Expl. Mer 7:27p.

- SCHMIDT, J. (continued)
- AEJO 1932 25 Jahre danische Aaluntersuchungen (1905-1930). Natur und Museum, 62:213-228.
- AEJO 1935 Danish eel investigations during 25 yrs. (1905-1930), (Text from "Dana's Fogt Omkung Jorden 1928-1930", Copenhagen, 1932). Carlsberg Foundation, Copenhagen:16p.
- SCHNAKENBECK, W.
- E 1932 Blankaale im Meere. Fischerbote 24 (12):200.
- E 1934 Veränderungen im Verdauungstraktus bei Blankaalen. Zool. Anz. 108:85-91.
- E 1934 Neuere Beobachtungen über den Aalaufstieg. Fischmarkt 2:209.
- E 1944 Untersuchungen über Fragen um den Aal. Z. Fischerei 42 (3):365-389.
- E 1949 Ein ungewöhnlich weit entwickelter Blankaal. Binnenfischerei 2:249.
- E 1950 Untersuchungen über Fragen um den Aal. Mitt. Inst. Seefisch. 2:1-29.
- E 1953 Entwicklung des "Laichhabitus" bei Aalen. Zool. Anz. 150:268-275.
- SCHNEIDER, G.
- E 1909 Über das Wachstum der Aale in den Gewässern Schwedens. Pub. Circ. Cons. Int. Expl. Mer 46:1-18.
- SCHOENIGER, E.
- E 1951 Untersuchungen über die Wirkung von Lockstoffen auf Aalbrut. Protokolle Fisch. 4 (8).
- SCHREIBER, B.
- E 1935 Tentativi di maturazione sperimentale dell' anguilla con ormoni ipofisari. Rend. Ist Lomb. Sci. Lett. 68:669.
- E 1935 Ulteriori osservazioni sull'azione di ormoni preprofisari sull maschio di anguilla. Boll. Soc. Ital. Biol. Sperim. 10:818-821.

- SCHREIBER, B. (continued)
- E 1937 Ricerche sulla spermatogenesi accelerata nella anguilla. Arch. Zool. Torino 24:147-167.
- E 1937 Ulteriori osservazioni sugli elementi della linea germinale maschile in anguille maturate artificialmente con prolan. Monit. Zool. Ital. Firenze, Suppl. 47:197-200.
- E 1937 Spermatogenesi nell'Anguilla attenuata con l'azione di ormoni ipofisari. Int. Congr. Zool. Lisboa 12:411-415.
- E 1948 La composizione chimica del gas nell'vescica natatoria di anguille gialle e argentine. Arch. Oceanogr. Limnol. Roma 5 (1-3):191-197.
- SCHULTZE, D.
- E 1965 Beitrag zur Temperaturadaptation des Aales (A. vulgaris L.) II. Z. Wiss. Zool. 172: (1/2):104-133.
- E 1965 Total metabolism and tissue metabolism in the eel A. vulgaris. Naturwissenschaften 52 (2):43.
- SCHWARTZ, F.
- A 1961 Lampreys and eels. Maryland Dep. Res. Educ., Educational Ser. 48:11p.
- SCOTT, E.O.G.
- O 1953 Observations on Tasmanian fishes: V. Papers and Proc. Roy. Soc. Tasmania 87:141-166.
- SCOTT, ?
- E 1899 Occurrence and habits of Leptocephalae. Rep. Lancs. Sea-Fish. Labs. 1898:17-21.
- SEKI, M.
- J \* 1940 Über die Prazipitation des Aalserums mit dem Menschen Speichel. Jap. J. Med. Sci. VII. Soc. Med. Hyg. 3 (3):131.
- SELIGER, H.H.
- ? 1962 Direct action of light in naturally pigmented muscle fibers. I. Action spectrum for contraction in eel iris sphincter. J. Gen. Physiol. 46 (2): 333-342.

- E \* SELIGO, ?  
1905 Abschnitte aus der Lebensgeschichte des Aals.  
Schr. Ges. Danzig 11:135-138.
- E SELLA, M.  
1929 Extensive migrations of eels in subterranean  
waters. Mem. R. Comitato Talassografico  
Italiano 58:3-17.
- E 1929 Extensive migrations of eels in subterranean  
waters. Le Grotte d'Italia 3 (3):97-109.
- E 1930 Estese migrazioni dell'anguilla in acque sotter-  
ranee. Congr. Int. Oceanogr. Hidrogr. Marina  
Hidrol. Continental, Sevilla, 1-7, Mayo 1929,  
1:517-527.
- E SENNER, P.  
1937 L'Anguille d'Europe. Pêche Utilis. Indust.  
Pêche Marit. 20:403-405.
- E SHARRATT, BRENDA M., I.C. JONES and D. BELLAMY  
1964 Water and electrolyte composition of the body  
and renal function of the eel, Anguilla anguilla  
L. Comp. Biochem. Physiol. 11 (1):9-18.
- E SHARRATT, BRENDA M., D. BELLAMY and I.C. JONES  
1964 Adaptation of the silver eel (Anguilla anguilla  
L.) to sea water and to artificial media to-  
gether with observations on the role of the gut.  
Comp. Biochem. Physiol. 11 (1):19-30.
- E SHEARER, W.M.  
1961 The catching and marketing of eels. Scot.  
Fish. Bull. 16:10-12.
- JO\* SHIH-CHIEH, S.  
1963 An occurrence of Leptocephalids in the estuary  
of Tam-sin River of Taiwan. Quart. J. Taiwan  
Mus. 16:261-269.
- O SHORLAND, F.B. and I.G. McINTOSH  
1936 New Zealand fish oils. I. The composition of  
eel oil (Anguilla aucklandii). Biochem. J.  
30 (9):1775-1777.

- SHORLAND, F.B. and J. RUSSELL  
O 1948 Observations on the oil content of New Zealand  
fresh water eels. *New Zeal. J. Sci. Technol.*  
29B (4):164-200.
- O 1948 New Zealand fish oils. 4. Observations on the  
oil content of fresh water eels. *Biochem. J.* 42 (3):429-433.
- SICHEL, F.J.M. and P.B. ARMSTRONG  
? 1946 Intensity duration relation in stimulation by  
light. *Biol. Bull.* 91 (2):233.
- SICK, K., et al  
AEJ 1962 Haemoglobin pattern and chromosome number of  
American, European and Japanese eels (*Anguilla*).  
*Nature (London)* 193:1001-1002.
- SIGALAS, R.  
E 1929 Quelques observations sur la biologie des  
civelles du Bassin d'Arcachon. *Act. Soc.*  
*Linn. Bordeaux* 81:99-102.
- SIMMONS, R.J.  
O 1966 Freshwater eels big enough to sink a boat.  
*Angling Times*, Peterborough, England, April 22,  
1966:1p.
- SINHA, V.R.P.  
E 1965 Predation by eels. *Proc. Second British Coarse*  
*Fish Conf.* :40-42.
- SINHA, V.R.P. and J.W. JONES  
E 1966 On the sex and distribution of the freshwater  
eel (*Anguilla anguilla*). *J. Zool. London* 150:  
371-385.
- SIOU, G.  
? 1955 Cholinesterase activity of the aneural zone of  
the myomeres of the eel. *Compt. Rend. Soc.*  
*Biol. Paris* 149:1422-1425.
- SIVERTSEN, E.  
E \* 1938 Undersøkelser over forholdet mellem spiss-  
og bredhodet al og deres næring (English  
summary). *Fisk. Skrift. Havundersøg. Bergen*  
5 (8):22.

- SIVERTSEN, E. (continued)
- E \* 1940 Problemer i Aleforskningen. Naturen 12.
- E \* 1962 Ålen og ålefisket. K. Norske Vidensk. Selsk. Mus. Årb.:29-36.
- SJOGREN, B.
- ? 1952 Aged eel. Nat. Hist. New York 61:332.
- SKEAD, C.J.
- ? 1959 The climbing of juvenile eels. Piscator 13 (46):74-86.
- ? 1960 A juvenile eel's tenacity for life. Piscator 14 (48):32-33.
- SKLOWER, A.
- E 1930 Die Bedeutung der Schilddrüse für die Metamorphose des Aales und der Plattfische. Fortschr. Berlin 6:435-436.
- SMITH, H.M.
- A \* 1904 Description of a new species of Blind Eel, of the genus Anguilla. Proc. Soc. Washington 17:121-122.
- A \* 1913 The mysterious life of the common eel. Nat. Geogr. Mag. 24:1140-1146.
- A \* 1920 Some recent observations on the freshwater eel. Amer. Fish. Soc. 50:297-300.
- O 1928 Anguillid eels in Siamese waters. J. Siam Soc. 7 (3):194-195.
- SMITH, H.W.
- ? 1930 The absorption and excretion of water and salts by marine teleosts. Amer. J. Physiol. 93 (2):480-505.
- SMITH, M.W.
- A 1939 The fish population of Lake Jesse, Nova Scotia. Proc. Nova Scotia Inst. Sci. 19 (4)389-427.
- A 1940 Treatment of Potter's Lake, New Brunswick, with rotenone. Trans. Amer. Fish. Soc. 70:347-355.

- SMITH, M.W. (continued)
- A 1948 Improved trout angling in a small lake after poisoning undesirable fish. Can. Fish Culturist 3 (4):3-6.
- A 1952 Fertilization and predator control to improve trout production in Crecy Lake, New Brunswick. Can. Fish Culturist 13:33-39.
- A 1952 Limnology and trout angling in Charlotte County lakes, New Brunswick. J. Fish. Res. Bd. Can. 8 (6):383-452.
- A 1955 Control of eels in a lake by preventing the entrance of the young. Can. Fish Culturist 17:13-17.
- A 1956 Further improvement in trout angling at Crecy Lake, New Brunswick. Can. Fish Culturist 19:1-4.
- A 1966 Amount of organic matter lost to a lake by migration of eels. J. Fish. Res. Bd. Can. 23:1799-1801.
- SMITH, M.W. and J.W. SAUNDERS
- A 1955 The American eel in certain fresh waters of the Maritime provinces of Canada. J. Fish. Res. Bd. Can. 12 (2):238-269.
- E \* SNIEZEK, J.
- E \* 1909 Le développement des anguilles. Okoln. Ryb. Krakow 1909:324-329.
- SOIKA, A.G.
- E 1957 Prime obsservazioni su una elevatissima mortalità di anguille in Valle Serraglia nella Laguna di Venezia provocata dall'Argulus laticauda Sm. Rev. Agr. Venez. 1957:1-10.
- SOKABE, H., S. MIZOGAMI, T. MURASE and F. SAKAI
- J 1966 Renin and euryhalinity in the Japanese eel, Anguilla japonica. Nature (London) 212:952-953.
- SOMEREN, V.D. van, and P.J.P. WHITEHEAD
- O 1959 Records of young eels in Kenya rivers. Nature (London) 183:950,971.

- SORENSEN, I.
- E 1951 An investigation of some factors affecting the upstream migration of the eel. Rep. Inst. Freshwater Res. Drottningholm 32:126-132.
- SORENSEN, J.
- E 1932 Minskningen av albestandet i varas insjöar och atgarder daremot. Svensk Fisk. Tidskr. 8:92-94.
- SOUCHE, G.
- ? 1932 Contribution a l'étude du muscle adducteur de l'arc palatin chez les Apodes. Bull. Sta. Biol. Arcachon 29 (2):271-272.
- SOUILLE, M.
- ? 1937 Recherches sur la teneur en glutathion de la branchie des poissons. Bull. Inst. Océanogr. Monaco 731:31p.
- SOUTHWELL, T.
- ? 1885 The reproduction of the eel. Naturalist 10: 217-222.
- SPARCK, R.
- ? 1932 Ueber den Sauerstoffverbrauch bei Aallarven und einigen anderen pelagischen Tieren. Arch. Zool. Torino 16:900-904.
- SPAUL, E.A.
- ? 1926 On a new species of the nematode genus Rhabdochona. Ann. Mag. Nat. Hist. 19 (114): 636-641.
- SPRINGER, G.F., T. TAKAHASHI, P.R. DESAI and B.J. KOLECKI
- ? 1965 Cross reactive human blood-group H(0) specific polysaccharide from Sassafras albidum and characterization of its hapten. Biochemistry 4 (10): 2099-2113.
- SPRINGER, G.F., T. TAKAHASHI, B. KOLECKI and P. DESAL
- ? 1964 A hitherto unrecognized blood group specific sugar from a novel source (eel). Fed. Proc. 23 (2, Pt. 1):274.

- SPRINGER, G.F. and P. WILLIAMSON
- ? 1962 Immunochemistry of blood group H(O) active substances. Proc. Congr. Int. Soc. Blood Transfusions 9:582-587.
- ? 1962 Immunological significance of L- and D- fucose derivatives. Biochem. J. 85:282-291.
- STEEN, J.B.
- E 1962 Action of rete mirabile in the secretion of gases by blood-acidification in the swim-bladder of the eel. Nature (London) 196:906-907.
- E 1963 The physiology of the swimbladder of the eel Anguilla vulgaris. I. The solubility of gases and the buffer capacity of the blood. Acta Physiol. Scand. 58 (2/3):124-137.
- E 1963 The physiology of the swimbladder of the eel Anguilla vulgaris. II. The reabsorption of gases. Acta Physiol. Scand. 58 (2/3) 138-149.
- E 1963 The physiology of the swimbladder in the eel Anguilla vulgaris. III. The mechanism of gas secretion. Acta Physiol. Scand. 59 (3):221-241.
- E 1964 The respiratory function of teleostean gills. Comp. Biochem. Physiol. 12 (2):127-142.
- STEEN, J.B. and T. BERG
- E \* 1966 The gills of two species of haemoglobin-free fishes compared to those of other teleosts - with a note on severe anaemia in an eel. Comp. Biochem. Physiol. 18:517-526.
- STEFANELLI, A.
- E 1943 Il significato morfologico dell'apparato mauthneriano come risulta da ricerche nell'A. anguilla. Acta Pont. Acad. Sci. 7:26-27.
- STEFANELLI, A. and ANNA CAMPOSANO
- 1946 The tegmental centers of the eel and the relationships of the giant tegmental elements in Cyclostomes, Fish, and Amphibians; investigation concerning the Mauthnerian system. Pub. Sta. Zool. Napoli 20 (1):19-45.

- STEFANOPOULO, G.-J.
- ? 1931 Sur les propriétés antigenes des ichtyotoxines formolées. Compt. Rend. Soc. Biol. Paris 106 (11):917-920.
- STEINDACHNER, F.
- O 1867 A. reinhardtii, sp. n. (not actual title). Sitzgsber. Akad. Wiss. Wien 55:15.
- O 1869 Describes as two new spp. from Peru Leptcephalus multimaculatus and L. peruanus (not actual title). Sitzgsber Akad. Wiss. Wien. 60:316-317.
- STOLK, A.
- E 1956 Plecospondylic spinal column in the eel Anguilla anguilla. Beaufortia 5:143-148.
- E 1958 Tumours of fishes, 29 Lipoma in the eel A. anguilla. Beaufortia 7:193-198.
- STROPAHL, STRUCK, EHRENBAUM and ROHLER
- E \* 1930 Der Aal in der deutschen Fischwirtschaft. Neumann-Verlag, Neudamm.
- STRUBBERG, A.
- 1913 The metamorphosis and distribution of the larvae of the eel. Medd. Komm. Havundersøg. Fisk. 4 (3):1-16.
- E \* 1923 Elvers from north and south Europe. Rep. Danish Oceanogr. Exped. Mediterranean 3 (4).
- STUDNITZ, G. von
- E 1935 Studien zur vergleichenden Physiologie der Iris. VI. Elektrische Reizung der Irismuskulatur. Zool. Jahrb. Abt. Allg. Zool. Physiol. 54 (3):313-326.
- STUNKHARD, H.W.
- ? 1933 Further observations on the life cycle of Cercariaeum lintoni. Anat. Rec. 57 (4, Suppl.):99.
- ? 1956 The morphology and life-history of the digenetic trematode, Azygia sebago Ward, 1910. Biol. Bull. 111 (2):248-268.

- E \* STUTINSKY, F.  
1952 Modalités de la neurosécrétion dans le noyau préoptique de l'anguille. Bull. Soc. Zool. Franc. 77:240.
- J SUGIYAMA, S. and T. SATO  
1960 The funnel-shaped sphincters of the arteries in the thyroid gland of the eel, A. japonica. Anat. Anz. 108:256-259.
- E SUOMALAINEN, E.W.  
1908 Der Aal in den Gewässern von Nord-Savolaks. Fisk. Tidskr. Finl. Helsingfors 17:32-33.
- J \* SUYEHIRO, Y.  
1949 On the agglutination of the bloods of fishes (in Japanese with English summary). Bull. Physiogr. Sci. Res. Inst. Tokyo Univ. 1949 (2): 42-50.
- E SVARDSON, G.  
1949 Sex differentiation in eel (Anguilla anguilla) and occurrence of male eels in the Baltic. Rept. Inst. Freshwater Res. Drottningholm 29:123-128.
- E 1949 Eels (Anguilla anguilla) found in Sweden in partial nuptial dress. Rept. Inst. Freshwater Res. Drottningholm 29:129-134.
- E \* SYRSKI,  
1874 Über die Reproduktions - Organe der Aale. Sitzungsber Akad. Wien. 69 (2):315-326.

- O TAKAHASHI, N.  
1915 Notes on A. mauritiana Bennett. Tokyo J. Coll. Agr. 6:193-197.
- J TAKAHASHI, T. and Y. HIROSAWA  
1936 On the digestive ferments of A. japonica (T. & S.). I. Proteolytic ferment and its digestive action on the raw and heated fish muscle (in Japanese with English summary). Bull. Jap. Soc. Sci. Fish. Tokyo 5:109-112.
- J \* TAKASAKA, T.  
1927 Experiments with eel serum on isolated vessel preparations of normal and treated animals. Immunitsforsch. 51 (5/6):482-516.
- J TAKATA, H.  
1959 On the central courses of the lateral line nerves in the teleostean brain. Especially in Anguilla japonica. Okajimas Folia Anat. Jap. 33 (4):183-198.
- ? TANING, A.V.  
1938 Deep-sea fishes of the Bermuda Oceanographic Expeditions. Family Anguillidae. Zoologica (New York) 23 (3):313-318.
- E TARLTON, J.  
1954 Severn harvest. Field, London 203:605.
- J TAUTI, M.  
1940 Some knowledge on the upstream migration of eels (in Japanese with English summary). Bull. Jap. Soc. Sci. Fish. Tokyo 8:285-286.
- ? TAXI, J.  
1957 Comparative study of the intestinal nervous plexuses in some lower vertebrates. Compt. Rend. Ass. Anat. 42:1285-1290.
- E TAYLOR, J.N.  
1949 Eels. Proc. Cotteswold Nat. Field Club 30 (2):148-153.
- E 1953 Illustrated guide to the Severn Fishery Collection. City of Gloucester Folk Mus. (2nd ed.) 1953.

- TCHISTOVITCH, T.
- E 1899 Etudes sur l'immunisation contre le serum d'  
anguille. Ann. Inst. Pasteur 13.
- TEICHMANN, H.
- E 1957 Das Reichvermogen des Aales (Anguilla anguilla L.). Naturwissenschaften 44:242.
- E 1958 Smell training in eel. A. anguilla. Verh.  
Deut. Zool. Ges. 1957:298-303.
- E 1959 Concerning the power of the olfactory sense  
of the eel (Anguilla anguilla L.). Z. Vergl.  
Physiol. 42 (3):206-254.
- TELEGUT, M. and E. NADRA
- E \* 1962 L'anguille dans la rivière Cerna (Banat).  
Bull. Inst. Cercet. Pisc. 21 (4):92-93.
- TESCH, F.W.
- E 1958 Weiterer Fund eines Steines in der Leibeshöhle  
eines Aales (Anguilla vulgaris Tur.). Nachr.  
Nat. Mus. Aschaffenburg 60:61-62.
- E 1965 Verhalten der glasaale (Anguilla anguilla)  
bei ihrer wanderung in den Astuarien deutscher  
Nordseeflüsse. (Behaviour of elvers (Anguilla anguilla) during their migration in estuaries  
of German North Sea rivers (English abstr.).  
Helgoland. Wiss. Meeresunters. 12 (4):404-419.
- E 1966 Der Einflus der Weserstaue auf die Jungaaal-  
wanderung. Fischwirt 1966 (2):1-9.
- TESCH, J.J.
- E 1928 On sex and growth investigations on the fresh-  
water eel in Dutch waters. Cons. Perm. Int.  
Expl. Mer J. Conseil 2 (1):52-69.
- THOMAS, J.D.
- ? 1957 Occurrence of Crepidostomum metoecus (Braun)  
in Britain. Nature (London) 180:1492-1493.
- ? 1958 Studies on the structure, life history and  
ecology of the trematode Phyllobothrium simile  
Nybelin, 1926 (Gorgoderidae:Gorgoderinae) from  
the urinary bladder of brown trout, Salmo trutta L. Proc. Zool. Soc. London 130 (3):  
397-435.

- THOMAS, J.D. (continued)
- E 1962 The food and growth of brown trout (Salmo trutta L.) and its feeding relationships with the salmon parr (Salmo salar L.) and the eel (Anguilla anguilla L.) in the River Teify, West Wales. J. Anim. Ecol. 31 (2):175-205.
- THORESEN, A.C. and E.S. BOOTH
- ? 1958 Breeding activities of the pigeon guillemot, Cephus columba columba (Pallas). Walla Walla Coll. Publ. (Washington) 23:1-37.
- THUMANN, M.E.
- E \* 1953 Ein goldgelber Aal aus der Havel. Z. Fischerei 2 (5/6):321-324.
- THUROW, F.
- E 1957 Beitrag zur Biologie des Flussaales, A. vulgaris. Ph.D. Thesis, Kiel.
- E 1958 Über Fangertrage und Wachstum des Aales in der westlichen Ostsee. Z. Fischerei 8:597-626.
- E 1958 Über den Trockensubstanz-und Fettgehalt von Aalen aus de Kieler Bucht und der Kieler Forde. Arch. Fisch. Wiss. 8:79-93.
- ? 1958 Investigation on the pointed and broad head varieties of the eel. Arch. Fisch. Wiss. 9: 79-97.
- TIEGEL, E.
- E \* 1878 Vom Ruckenmark der Schlangen und der Aale. Arch. Ges. Physiol. 17:594-600.
- TORLITZ, H.
- E \* 1922 Anatomische und entwicklungs geschichte Beiträge zur Artfrage unseres Flusaals. Z. Fischerei 21:1-60.
- TORTONESE, E.
- ? 1955 Italian underwater expedition in Red Sea zoological experiment. VIII. Fishes of Isospondyli, Apodes, Syngnathidae, Heterosomata and Disccephali. Riv. Biol. Colon. 15:49-55.

- E TRYBOM, F. and G. SCHNEIDER  
1908 Die Markierungsversuche mit Aalen und die  
Wanderungen gekennzeichneter Aale in der Ostsee.  
Rappt. Procès-Verbaux Reunions, Conseil Perm.  
Int. Expl. Mer 9:51-60.
- E 1908 Das Vorkommen von "Montee" und die Grosse der  
kleinsten Aale in der Ostsee und in deren Flüssen.  
Rappt. Procès-Verbaux Reunions, Conseil Perm.  
Int. Expl. Mer 9:60-65.
- TSENG, S.  
? 1935 Anatomy of a new appendiculate trematode from  
the sea eel. Peking Nat. Hist. Bull. 9 (3):  
171-180.
- TSUDA, M. and Y. CHIBA  
J \* 1945 Fauna of Minami-Tsuda, an inland lake by Lake  
Biwa and its relation to the food of fishes  
(in Japanese). Physiol. Ecol. Contr. Otsu  
Hydrobiol. Exp. Sta. Kyoto Univ. 28:1-10.
- TSUMURA, N.  
J 1959 The fine structure of erythrocyte in eel  
(Anguilla japonica) studied with electron  
microscope. Kurume Med. J. 5 (3):152-165.
- TSUNODA, T. and I. KASAHARA  
? 1928 Vergleichend-anatomische Studien über die  
Nervenendigungen des Herzmuskels, sowie über  
die Nervenversorgung des spezifischen Herzmus-  
kelgewebes. Z. Wiss. Biol. Abt. B, Z. Zellforsch.  
Mikroskop. Anat. 7 (2):177-186.
- TUBANGUI, M.A.  
0\* 1933 Trematode parasites of Philippine vertebrates,  
VI. Descriptions of new species and classi-  
fication. Philippine J. Sci. 52 (2):167-197.
- 0\* 1938 Pseudophyllidean cestodes occurring in the  
Philippines. Livro Jub. Prof. Lauro Travassos  
1938:489-494.
- TUCKER, D.W.  
AE 1959 A new solution to the Atlantic eel problem.  
Nature (London) 183:495-501.

- AE TUCKER, D.W. (continued)  
1959 Letter answering Jones, 1959. Nature (London) 184:1281-1283.
- AE 1960 Letter answering Deelder, 1960. Nature (London) 185:591-592.
- AEJ 1962 Haemoglobin pattern and chromosome number of American, European, and Japanese eels (Anguilla). Nature (London) 193:1001-1002.
- E TUZET, ODETTE and M. FONTAINE  
1937 Sur la spermatogénèse de l'Anguille argentée A. vulgaris Cuv. Arch. Zool. Exp. Gen. Paris 48:199-215. *652. ?*
- E TUZET, ODETTE and R. ORMIERES  
1957 Ceratomyxa anguillae, myxosporidian parasite of the biliary vesicles of eels from the Thau pool. Ann. Parasitol. Humaine et Comp. 32 (3):189-196.
- ? TOSTESON, D.C., S. SPIVACK and D. NELSON  
1962 Sodium and chloride transport by the isolated perfused eel gill. (In: Annual meeting of the society of general physiologists, Massachusetts, September 1961). J. Gen. Physiol. 45 (3):620A.
- E TRAHMS, ?  
1949 The salmon catch in North-Rhine-Westphalia in 1945-1949. Allg. Fisch. Zeit. 74 (15):282-283.
- O TRAVERS, W.T.L.  
1871 On the absence of the eel from the upper waters of the Waiau-ua and its tributaries. (New Zealand). Trans. New Zeal. Inst. 3:120-122.
- ? TREWAVAS, E.  
1932 A contribution to the classification of the fishes of the order Apodes, based on the osteology of some rare eels. Proc. Zool. Soc. London 1932 (3):639-659.
- ? TRIFONOVA, A.N.K.  
1930 Respiration mechanics in Teleostei. (Role of the shoulder girdle in respiration.) (in Russian with German summary). Trudy Leningradskogo Obshchestva Estestvoispytatelei (Trav. Soc. Naturalistes Leningrad) 60 (1):63-79.

- TROIS, E.F.
- E \* 1907-1908 Sopra un esemplare di Anguilla con  
spiccato Metacromatismo. Atti 1st Venezia  
67:65-66.
- TRUSS, A.W.
- E 1959 Eels. Fishing Gazette 142:518.

UBISCH, L.V.

E 1924 Stimmen die Ergebnisse der Aalforschung mit Wegeners Theorie der Kontinental verschiebungen uberein. Naturwissenschaften 24 (12).

UCHIYAMA, H.

J 1959 Spontaneous discharge pattern of central neurons in eel brain. Bull. Tokyo Med. Dental Univ. 6 (4):517-526.

UMALI, A.

? 1961 The eels. Fish. Gaz. Quezon City 5 (12): 14-17.

- VAILLANT, L.
- E 1889 Observations relatives à la montée de l'Anguille sur les côtes de France. Compt. Rend. Acad. Sci. 109:31-33.
- E \* 1898 Sur la présence de l'anguille commune en haute mer. Compt. Rend. Acad. Sci. 126:1429-1430.
- VAN CLEAVE, H.J.
- ? 1928 Acanthocephala from China. I. New species and new genera from Chinese fishes. Parasitology 20 (1):1-9.
- VELDRE, I.
- E \* 1961 The eel- an extensive traveller (English and Russian summaries). Eesti Loodus 6:339-346.
- VERRIER, M.L.
- E \* 1927 Sur la morphologie de la cornée transparente chez quelques Téléostéens. Bull. Mus. Nat. Hist. Natur. Paris 1927 (5):361-365.
- VETTER, H.
- E \* 1941 The eel fishery. Allg. Fisch. Zeit. 66 (20): 169-173.
- VIALLI, M.
- E \* 1930 Ricerche morfologiche sulle formazioni coroidee dei Teleostei. Pub. Sta. Zool. Napoli 10 (1): 67-110.
- E \* 1936 Ricerche preventive sulle cosidette "cellule a cloruri" secondo Keys e Willmer nelle Branchie di anguilla. Arch. Zool. Torino 22:25-31.
- VIBERT, R.
- A 1954 Effect of solar radiation and of gravel cover on development, growth, and loss by predation in salmon and trout. Trans. Amer. Fish. Soc. 83:194-201.
- VIEWEGER, T.
- E \* 1928 Chemical composition of starved eels (with French summary). Acta Biol. Exp. Warsaw 1 (10):1-19.

- VIEWEGER, T. (continued)
- E \* 1928 The effect of inanition on the chemical composition of eels. Arch. Int. Physiol. 30 (2): 133-147.
- VILTER, V.
- E 1942 Recherches sur la livrée pigmentaire de l'anguille. Bull. Mus. Hist. Natur. 2:201-235.
- E 1943 Recherches sur la livrée pigmentaire de l'anguille. Bull. Mus. Hist. Natur. 3:1-16.
- E 1943 Métamorphose des larves d'anguille dans ses rapports avec l'activité hypophysaire. Compt. Rend. Soc. Biol. Paris 137:534-535.
- E 1944 Principe de réciprocité antagoniste dans la physiologie pigmentaire de la civelle en voie de métamorphose. Compt. Rend. Soc. Biol. Paris 138 (15/16):606-608.
- E 1944 Comportement de la thyroïde dans la métamorphose de la civelle d'anguille. Compt. Rend. Soc. Biol. Paris 138:615-616.
- E 1944 Conditionnement physique du "cordon" chez les civelles migratrices. Compt. Rend. Soc. Biol. Paris 138 (17/18):655-656.
- E 1944 Dissociation biologique et expérimentale du complexe morphogénétique de la métamorphose chez la civelle. Compt. Rend. Soc. Biol. Paris 138 (17/18):667-668.
- E 1944 Rhéotropisme de la civelle et activité thyroidienne. Compt. Rend. Soc. Biol. Paris 138 (17/18):668-670.
- E 1944 Principe de réciprocité antagoniste appliquée à la biologie des migrations de la civelle. Compt. Rend. Soc. Biol. Paris 138 (17/18): 682-684.
- E 1945 Développement du tractus gastro-intestinal au cours de la métamorphose de larves d'anguilles (civelles). Compt. Rend. Soc. Biol. Paris 139 (3/4):223-224.

VILTER, V. (continued)

- E 1945 Métamorphose myosomatique de larves d'anguille et relations avec la croissance stomacale. Compt. Rend. Soc. Biol. Paris 139 (17/18): 808-810.
- E 1945 Hypophysectomie chez la larve d'anguille (civelle) et repercussions sur la métamorphose pigmentaire. Compt. Rend. Soc. Biol. Paris 139 (17/18): 816-817.
- E 1945 Inhibition experimentale de la croissance stomacale au cours de la métamorphose larvaire de l'anguille. Compt. Rend. Soc. Biol. Paris 139 (17/18): 817-818.
- E 1946 La physiologie des pigmentomoteurs chez l'anguille et l'hypothèse de régulation purement hypophysaire des réactions chromatiques. Compt. Rend. Soc. Biol. Paris 140: 260-261.
- E 1946 L'évolution pigmentaire des larves d'anguille dans ses relations avec la tolérance vis-à-vis de l'eau de mer. Compt. Rend. Soc. Biol. Paris 140 (9/10): 275-277.
- E 1946 Déterminisme intrinsique de migrations pigmentaires dans la rétine. Compt. Rend. Soc. Biol. Paris 140 (9/10): 277-278.
- E 1946 Action de la thyroxine sur la métamorphose larvaire de l'anguille. Compt. Rend. Soc. Biol. Paris 140: 783-785.

VISINTIN, B. and G. ERRERA

- E 1958 The hygienic significance of eels in drinking water and tests of their chlorine resistance, with particular reference to the reservoirs of the Island of Pantelleria, Italy. Rend. Ist. Super. Sanita 21 (7/8): 737-747.

VLADYKOV, V.D.

- A 1955 Eels. Poissons du Quebec. Dep. Fish. Province of Quebec 6: 12
- A 1957 Fish tags and tagging in Quebec waters. Trans. Amer. Fish. Soc. 86: 345-349.

- VLADYKOV, V.D. (continued)
- A 1958 Two characteristic fish traps of the St. Lawrence River. *Actualités Mar.* 2 (1): 6-12, 33.
- AE 1964 Quest for the true breeding areas of the American eel (*A. rostrata* (LeSueur)). *J. Fish. Res. Bd. Can.* 21 (6):1523-1530.
- VOLLRATH, L.
- E 1966 The ultrastructure of the eel pituitary at the elver stage with special reference to its neurosecretory innervation. *Z. Zellforsch.* 73: 107-131.

- WAAGE, G.H.
- E \* 1926 Migratory fish. The secret of the eel (in Dutch). Natuurhist. Maanblad (Limburg) 15 (6):65-67.
- WADSWORTH, A. and ELLA N. HOPPE
- ? 1933 Susceptibility of eels and dogfish to diphtheria toxin; toxicity of eel serum and dogfish and skate plasma. Proc. Soc. Exp. Biol. Med. 31 (1):83-85.
- WALFORD, F.
- O\* 1930 The freshwater eel. Austral. Mus. Mag. 4 (4):139-143.
- WALTER, E.
- E \* 1910 Der Flussaal. Eine biologische und fischereiwirtschaftliche Monographie. Neudamm (J. Neumann) 1910:346p.
- E \* 1910 Aale in der Donau. Oest. Fisch. Zeit. Wien 7:22-23.
- WALTERS, V.
- A \* 1962 Photoviscosity study on anguilliform locomotion. Amer. Zool. 2 (4):566.
- WALY, W.
- ? 1940 Observations on the scales of the Nile-eel. Bull. Fac. Sci. Fouad I Univ. Cairo 21:37-56.
- WARING, H.
- E 1939 Chromatic behaviour of the freshwater eel. Adv. Sci. London 1 (1):49.
- E 1940 The chromatic behavior of the eel (Anguilla vulgaris L.). Proc. Roy. Soc. London Ser. B 128:343-353.
- WARING, H. and F.W. LANDGREBE
- E 1941 On chromatic effector speed in Xenopus and Anguilla and the level of melanophores expanding hormone in eel blood. J. Exp. Biol. 18 (1):80-97.

- WEBER, M.
- O 1912 Versuch einer Revision der indopacifischen  
Anguillidae. Zool. Jahrb. Jena Suppl. 15  
(1):563-596.
- WEEBER, ELAINE R.
- O 1945 The vitamin D content of some New Zealand fish  
oils. Biochem. J. 39 (3):264-267.
- WENT, A.E.J.
- E 1944 The Galway Fishery. Proc. Roy. Irish Acad.  
49 (C5):187-219.
- E 1945 Fishing weirs of the River Erne. J. Roy.  
Soc. Antrim Ireland 75:213-223.
- E 1947 Irish freshwater fish. Some notes on their  
distribution. Salmon Trout Mag. London 118:  
248-256.
- WHARTON, J.
- ? 1956 The eel fisheries of Virginia. Commonwealth  
23 (11):20-21.
- WHITBY, ?
- O 1938 A. anterioris sp. n. N. Guinea (not actual title).  
Rec. Anst. Mus. 20:224p.
- WHITLEY, G.P.
- O\* 1929 An eel-fare at Parramatta. Austral. Mus.  
Mag. 3 (10):348.
- O\* 1929 Additions to the checklist of fishes of New  
South Wales. 2. Austral. Zool. 5 (4):353-357.
- WIDDOWSON, E.M. and R.A. McCANCE
- ? 1948 Sexual differences in the storage and metabolism  
of iron. Biochem. J. 42 (4):577-581.
- WIEHR, H.
- E 1932 Über die Chemie und Biologie der Fettsubstanzen  
vom Aal (A. vulgaris). Z. Fischerei 30 (2):  
169-196.
- WIMAN, C.
- E \* 1937 Über eine in Leichenwachs umgewandelte Aal-  
Leiche aus der Ostsee 40 Km. SO von Stockholm.  
Bull. Geol. Inst. Univ. Upsala 26:308-322.

- E \* WIMPENNY, R.  
E \* 1929 L'incursion des civelles Egyptiennes (1927-1928-1929). Rappt. Procès-Verbaux Reunions, Conseil Perm. Int. Expl. Mer Mediterranean 6: 387-403.
- AE \* WINGE, ?  
AE \* 1923 Sargasso Sea. Rep. Danish Oceanogr. Exped. Mediterranean 3 (2).
- WISBY, W.J.  
? 1962 New light on an eel puzzle. Sea frontiers 8:280-288.
- WISE, J.P.  
A 1959 Eels. U.S. Fish Wildlife Service, Fishery Leaflet 479:4p.
- WOJTUSIAK, R.J.  
? 1964 Color sense in animals (English summary). Przegl. Zool. 8 (3):201-221.
- WOLF, H.  
? 1940 Über die Genauigkeit der Herztaetigkeit in der Tierreihe. Pflugers Arch. Ges. Physiol. 244 (2):181-204.
- WOLF, P.  
? 1956 American problems and practice. No. XII: Extermination. Salmon Trout Mag. 147:139-144.
- WOLTER, R.  
? 1961 Die Vibrio-anguillarum-Seuche im Strelasund und Greifswalder Bodden. Z. Fischerei 9:763-770.
- WOOTTON, D.M.  
? 1957 Notes on the life-cycle of Azygia acuminata Goldberger, 1911 (Azygiidae-Trematoda). Biol. Bull. 113 (3):488-498.
- WORTHINGTON, E.B.  
E 1942 (no title). Freshwater Biological Assoc. British Empire. Tenth Annual Report 1942:5-13.  
1943 (no title). Freshwater Biological Assoc. British Empire. Eleventh Annual Report 1943:34p.

- WUNDSCH, H.H.
- E 1916 Neue Beitrage zu der Frage nach dem Alter und Wachstum des Aales. Z. Fischerei 18:55-88.
- E 1953 Das Vorkommen von Aalen in Vorgeschrittenem Reifezustand in einem markischen Binnengewasser. Z. Fischerei 2:1-18.
- WURTZ-ARLET, J.
- E 1962 Verteilung und Ausnutzung der Aalbrut und der Speiseaale in Frankreich. Z. Fischerei 10 (8-10):671-676.

- YAMAGUCHI, K., et al  
J 1962 Studies on multiple hemoglobins of eel. 1.  
Absorption spectrum and some other properties.  
Bull. Jap. Soc. Sci. Fish. 28 (2):184-191.
- 1962 Studies on multiple hemoglobins of eel. 2.  
Oxygen dissociation curve and relative amounts  
of components F and S. Bull. Jap. Soc. Sci.  
Fish. 28 (2):192-200.
- YAMAGUTI, S.  
J 1934 Studies on the helminth fauna of Japan. Trematodes of fishes, I. Jap. J. Zool. 5 (3):249-541.
- J 1941 Studies on the helminth fauna of Japan. Nematodes of fishes, II. Jap. J. Zool. 9 (3):343-396.
- YAMAMOTO, T.  
J \* 1929 Morphologische Untersuchungen der Gehororgane von Süsswasserknochenfischen. Folia Anat. Jap. 7 (4):325-378.
- YAMAOKA, H.  
J \* 1922 Contribution a l'étude du sérum de l'anguille. Act. Schol. Med. Univ. Imp. Kioto 4:481-488.
- YIN, W-Y. and NORA G. SPROSTON  
? 1949 Studies on the monogenetic trematodes of China.  
Parts 1-5. Sinensis 19 (1/6):57-85.

- ZENK, F.
- E \* 1891 Ueber die Laichzeit des aales. Mitth. Oesterr. Fischereiver. 39.
- ZUCKERMANN, S.
- AE \* 1960 General discussion of "the life cycle of the Atlantic eel". Zool. Soc. London, Symp. 1: 74-75.
- ZUKOWSKI, C.
- E \* 1957 Eel catches in the Firth of Szczecin in the years 1946-1954. Rep. Sea. Fish. Inst. Gdynia 9:297-311.
- ZWAARDEMAKER, H.
- ? 1929 Das Elektrokardiogramm des Automatinherzens. Pfluger's Arch. Ges. Physiol. 221 (4):455-459.

APPENDIX

ANONYMOUS

- E 1929 Planting of eels in the Frisches Haff,  
Germany. Mitt. Deut. Seefisch. Vereins 45  
(10/11):433.
- E 1950 Canned smoked eel packed in oil? (in German).  
Die Fischwaren. and Feinkostindustrie 22  
(9):213-214.
- E 1953 Smoking of eels (in German). Die Fischwaren.  
and Feinkostindustrie 25 (9):153-155.
- E 1954 Smoked eel from Holland (in English). Holland  
Fish Trade 7:6-8.
- E 1962 Fish production in U.A.R. for the year 1962  
(in Arabic). Ministry of Scientific Research  
United Arab Republic.

BOULENGER, G.A.

- E 1907 Fishes of the Nile. Stechert-Hafner Inc.,  
New York.

CHIMITIS, P.

- E 1957 Tilapia in Ancient Egypt. FAO Fisheries  
Bulletin 10 (4):211-215.

FAGE, L. and A. VEILLET

- E \* 1938 Sur quelques problèmes biologiques liés à  
l'étude de la croissance des poissons. Rapp.  
Procès-Verbaux Réunions, Perm. Int. Expl.  
Mer 108:45-48.

FONTAINE, M.

- E 1944 Quelques données récentes sur le mécanisme  
physiologique des migrations de l'anguille  
Européenne. Bull. Franc. Piscicult. 17.

HONMA, Y.

- J 1966 Notes on the catadromous eels obtained from off  
the coast of Niigata, the Sea of Japan, with  
special reference to the histology of some of  
the organs. La Mer (Bull. Soc. franco-japonaise  
d'oceanographie) 4 (4):27-46.

- A HUVER, C.W.  
1966 The distribution of sex in the American eel,  
Anguilla rostrata. Amer. Zool. 6 (3):  
Abstract 259.
- J ITO, K.  
1962 Experiments on the fish-culture with spring  
water in Hokkaido. 1. Rearing of fry of the  
eel, A. japonica (in Japanese). Sci. Rep.  
Hokkaido Fish. Hatch. 17:31-40.
- E KNOWLES, F. and L. VOLLRATH  
1965 A functional relationship between neurosecretory  
fibres and pituicytes in the eel. Nature  
(London) 208:1343-1344.
- E LACHIVER, F., A. MARTIN and M. FONTAINE  
1966 Iodation in vivo des protéines thyroïdiennes  
chez quelques vertébrés inférieurs. Gunma  
Symposia on Endocrinol. 3:109-120.
- E LELOUP-HATEY, JEANINE  
1965 Etude in vitro de la corticosteroidogénèse par  
l'interrénal de l'anguille. Gen. Comp.  
Endocrinol. 5:1p.
- E 1966 Effect of ablation of corpuscles of Stannius on  
interrenal function in the eel. Second Int.  
Congr. Hormonal Steroids, Milan, May 23-28, 1966.  
(In Excerpta Medica, Int. Congr. Ser. 3:367).
- E 1966 Etude in vitro de la corticosteroidogénèse dans  
l'interrénal de l'anguille Européenne (Anguilla  
anguilla L.). Comp. Biochem. Physiol. 19:63-74.
- E MOHR, H.  
1964 Eel traps made of plastic. Modern Fishing Gear  
of the World, FAO 2:277-279.
- A McBEAN, R.L., MARJORIE J. NEPPEL and L. GOLDSTEIN  
1966 Glutamate dehydrogenase and ammonia production  
in the eel (Anguilla rostrata). Comp. Biochem.  
Physiol. 18:909-920.
- E OLIVEREAU, MADELEINE and MARIE-MADELEINE CHARTIER-BARADUC  
1966 Action de la prolactine chez l'Anguille intacte  
et hypophysectomisée. II. Effets sur les électrolytes  
plasmatiques (sodium, potassium et calcium). Gen.  
Comp. Endocrinol. 7:27-36.