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Agricultural Research Service, U.S. Department of Agriculture

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# **Aquaculture: Salmon and Trout Farming January 1979 - March 1994**

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JOURNAL ARTICLE:

Citation #	NAL Call No.
Article title.	
Author. Place of publication:	Publisher. Journal Title.
Date. Volume (Issue). Pages.	(NAL Call Number).

Example:

1	NAL Call No.:	DNAL 389.8.SCH6
Morrison, S.B.	Denver, Colo.:	American School Food Service

Association. School foodservice journal. Sept 1987. v. 41  
(8). p.48-50. ill.

BOOK:

Citation # NAL Call Number  
Title.  
Author. Place of publication: Publisher, date. Information  
on pagination, indices, or bibliographies.

Example:

1 NAL Call No.: DNAL RM218.K36 1987  
Exploring careers in dietetics and nutrition.  
Kane, June Kozak. New York: Rosen Pub. Group, 1987.  
Includes index. xii, 133 p.: ill.; 22 cm. Bibliography:  
p. 126.

AUDIOVISUAL:

Citation # NAL Call Number  
Title.  
Author. Place of publication: Publisher, date.  
Supplemental information such as funding. Media format  
(i.e., videocassette): Description (sound, color, size).

Example:

1 NAL Call No.: DNAL FNCTX364.A425 F&N AV  
All aboard the nutri-train.  
Mayo, Cynthia. Richmond, Va.: Richmond Public Schools, 1981.  
NET funded. Activity packet prepared by Cynthia  
Mayo. 1 videocassette (30 min.): sd., col.; 3/4 in. +  
activity packet.

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Aquaculture: Salmon and Trout Farming

SEARCH STRATEGY

Set	Description
===	=====
S1	SALMON/TI
S2	TROUT/TI
S3	AQUACULTURE/TI
S4	FARM?/TI
S5	RAIS?/TI
S6	CULTUR?/TI
S7	(SALMON OR TROUT)/TI AND (AQUACULTURE OR FARM? OR RAIS? OR CULTUR?)/TI

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Aquaculture: Salmon and Trout Farming

1 NAL Call. No.: SH35.A62A68 1982  
Advances in red salmon culture (Oncorhynchus nerka, infectious  
diseases, control).

Sullivan, J.R.  
Fairbanks, Alaska : Alaska Sea Grant College Program, Univ. of  
Alaska, 1982; 1982.  
Proceedings of the Third Alaska Aquaculture Conference, Cordova,  
Alaska, April 27-28, 1982 / edited by T. Frady. p. 81-84; 1982.

Language: English

2 NAL Call. No.: SH167.S17075 1978  
The Alaska salmon enhancement program imperatives for economic  
success..  
Aquaculture notes  
Orth, Franklin L.  
Alaska Sea Grant Program  
Fairbanks : University of Alaska, Sea Grant Program,; 1978.  
13 p. : ill. ; 28 cm. (Alaska sea grant report ; 78-1.).  
"Aquaculture notes"--Cover. February, 1978. Includes  
bibliographical references (p. 13).

Language: English

Descriptors: Salmon

3 NAL Call. No.: SH151.F5  
Alaska's ranchers: fishermen join fish farmers to boost Pacific  
salmon runs (Hatcheries).  
London, Arthur J. Heighway; Dec 1980.  
Fish farming international v. 7 (4): p. 4-5. ill; Dec 1980.

Descriptors: Alaska

4 NAL Call. No.: Q1.A1I5  
Algunos comentarios sobre el desarrollo de la acuicultura en  
America Latina [Some comments on the development of aquaculture  
in Latin America (Carp, tilapia, trout).].  
Vegas Velez, M.  
Caracas, Asociacion Interciencia; Mar/Apr 1980.  
Interciencia v. 5 (2): p. 101-103; Mar/Apr 1980.

Language: SPANISH

Descriptors: Latin America

5 NAL Call. No.: SH1.C65  
American trout farming marks 100 years plus--still growing.  
Erickson, J.D.  
Little Rock, Ark., Briggs Associates, Inc; Mar/Apr 1981.  
Aquaculture magazine v. 7 (3): p. 14-17. ill; Mar/Apr 1981. 3  
ref.

Descriptors: USA

6

NAL Call. No.: 1 AG84ST

Aquaculture: catfish and trout, inventory and sales, 1980.  
United States Crop Reporting Board.  
Washington, D.C., The Dept; Oct 1980.  
Statistical bulletin - United States Dept. of Agriculture (644):  
11  
p.; Oct 1980. Predominantly tables. Available from NTIS order  
no. PB81-134-348.

Descriptors: USA; Aquaculture; Catfish; Food; Inventories; Sales;  
Statistical data

Abstract: Growers in ten selected States sold 43.4 million  
pounds (live weight) of catfish during the period January 1-July  
31, 1980, according to the Crop Reporting Board. Total value of  
sales was \$33.8 million.

7

NAL Call. No.: SH328.F56

Aquaculture (Culture of channel catfish, trout, salmon, crawfish  
and other  
species in the United States).  
Avault, J.W. Jr  
Oxford, Boston, Blackwell Scientific Publications; New York,  
distributed in the U.S.A. and Canada by Halsted Press, 1980;  
1980. Fisheries management, edited by Robert T. Lackey and Larry  
A. Nielsen. p. 379-411. ill; 1980. 15 ref.

Descriptors: USA

8

NAL Call. No.: QH75.A1M5 1981

Aquaculture in Minnesota's wetlands (Trout (*Salmo* spp.), channel  
catfish (*Ictalurus punctatus*), bluegill sunfish (*Lepomis*  
*macrochirus*), black crappies (*Pomoxis nigromaculatus*), yellow  
bullheads (*Ictalurus natalis*) and largemouth bass (*Micropterus*  
*salmoides*)).  
Murnyuak, M.O.; Murnyak, D.F.  
St. Paul, Minn. ; The Board, c1981; 1981.  
Selected proceedings of the Midwest Conference on Wetland Values  
and Management, June 17-19, 1981, Radison St. Paul Hotel /  
editor, Brandt  
Richardson ; sponsors, Minnesota Water Planning Board ... (et  
al.).. p. 51-58; 1981. 8 ref.

Language: English

9

NAL Call. No.: TX41.D33

Aspects related to quality of farmed Norwegian salmon (*Salmo*  
*salar*).  
Blokhus, H.  
Amsterdam : Elsevier; 1987.  
Seafood quality determination : proceedings of the International  
Symposium on Seafood Quality Determination, coordinated by the  
Univ. of Alaska Sea Grant College Program, Anchorage, AK / edited  
by D.E. Kramer, J. Liston. p. 615-628; 1987. (Developments in

food science ; 15). Symposium held on November 10-14, 1986, Anchorage, Alaska. Includes references.

Language: English

Descriptors: Norway; *Salmo salar*; Aquaculture; Food quality; Grading; Standards; Storage life

10 NAL Call. No.: SH151.S62  
Budgets for trout production: estimated costs and returns for trout farming in the South.  
Hinshaw, J.M.; Rogers, L.E.; Easley, J.E.  
Ada, Okla. : Southern Regional Aquaculture Center; 1990 Jan. SRAC publication (221): 7 p.; 1990 Jan.

Language: English

Descriptors: North Carolina; Southern states of U.S.A.; Trout; Fish farming; Budgets; Estimated costs; Returns

11 NAL Call. No.: 410.9 OP5  
A case of sunburn in farmed brown trout, *Salmo trutta* L. (Portugal).  
Eiras, J.C.  
Porto, O Instituto; 1982.  
Publicacoes - Universidade do Porto, Instituto de Zoologia "Dr. Augusto Nobre" (162): 12 p. ill; 1982. 7 ref.

Language: English; French

Descriptors: Portugal

12 NAL Call. No.: 409.6 P76  
Changes in the composition and physiological properties of the bacterial flora of water and bottom sediments in Lake Letowo, caused by intensive trout culture (Poland).  
Korzeniewski, K.; Korzeniewska, J.  
Warszawa : Panstwowe Wydawn. Naukowe; 1982.  
Polskie archiwum hydrobiologii; Polish archives of hydrobiology v. 29 (3/4): p. 671-682. maps; 1982. Includes references.

Language: English; Polish

Descriptors: Poland

13 NAL Call. No.: 409.6 P76  
Changes in water of the Uniesc and Scotawa rivers caused by intensive trout culture (Poland).  
Korzeniewski, K.; Banat, Z.; Moczulska, A. Warszawa : Panstwowe Wydawn. Naukowe; 1982. Polskie archiwum hydrobiologii; Polish archives of hydrobiology v. 29 (3/4): p. 683-691; 1982. Includes references.

Language: English; Polish

Descriptors: Poland

14 NAL Call. No.: 100 Or3M no.906  
A comparison of farmed and wild salmon consumer preferences, proximal analysis, taste test panel scores.  
Sylvia, Gilbert; Graham, Tom  
Oregon State University, Agricultural Experiment Station  
Corvallis, Or. : Agricultural Experiment Station, Oregon State University,; 1992.  
97, [12] p. : ill. ; 28 cm. (Special report (Oregon State University. Agricultural Experiment Station) ; 906.). August, 1992.  
Includes bibliographical references (p. 94-97).

Language: English

Descriptors: Salmon; Food

15 NAL Call. No.: SF780.9.S63  
Computerised monitoring of disease and production in farmed Atlantic salmon (*Salmo salar*).  
Menzies, F.D.; Goodall, E.A.; McLoughlin, M.F.; Wheatley, S.  
Great Britain : The Society; 1992.  
Proceedings of a meeting - Society for Veterinary Epidemiology and Preventive  
Medicine (10th): p. 138-147; 1992. Meeting held on April 1-3, 1992, Edinburgh. Includes references.

Language: English

Descriptors: Northern ireland; Atlantic salmon; Fish diseases; Databases

16 NAL Call. No.: 389.8 F7322  
Determining the degree of freshness of rainbow trout (*salmo gairdneri*) cultured in brackish water.  
Teskeredzic, Z.; Pfeifer, K.  
Chicago, Ill. : Institute of Food Technologists; 1987 Jul.  
Journal of food science v. 52 (4): p. 1101-1102. ill; 1987 Jul.  
Includes 10 references.

Language: English

Descriptors: Aquaculture; Trout; Food spoilage; Trimethylamine; Sensory evaluation; Food acceptability; Brackish water

Abstract: A study assessed the sensory characteristics and trimethylamine (TMA) content of rainbow trout reared in brackish water for 40 and 90 days. Trout TMA levels and sensory unacceptability scores increased markedly after 3 days in the brackish water. The data indicated an upper acceptance level of

10 mg-% for TMA in rainbow trout for human consumption.(wz)

17

NAL Call. No.: SH167.S17S26

The development of salmon culture towards ranching (Scotland).

Thorpe, J.E.

London; New York, Academic Press, 1980; 1980.

Salmon ranching, edited by John Thorpe. p. 1-11; 1980.

Bibliography p. 9-11.

Descriptors: Scotland

18

NAL Call. No.: SH167.R34V45 1989

Diagnosis del estado actual del cultivo de la trucha arco-iris de Mexico [Diagnosis of the current state of trout culture in Mexico]., 1. ed..

Velazquez Escobar, Miguel Angel; Espinosa Hernandez, Martin R. Mexico : Secretaria de Pesca,; 1989.

73 p. : map ; 28 cm. Includes bibliographical references (p. 73).

Language: Spanish

Descriptors: Rainbow trout

19

NAL Call. No.: QP1.C6

Digestive enzyme levels and histopathology of pancreas disease in farmed Atlantic salmon (*Salmo salar*).

Pringle, G.M.; Houlihan, D.F.; Callanan, K.R.; Mitchell, A.I.; Raynard, R.S.; Houghton, G.H.

Oxford: Pergamon Press Ltd; 1992 Aug.

Comparative biochemistry and physiology : A : Comparative physiology v. 102 (4): p. 759-768; 1992 Aug. Includes references.

Language: English

Descriptors: Atlantic salmon; Pancreas; Pancreatic diseases; Cecum; Chymotrypsin; Trypsin; Enzyme activity; Physiological functions; Histopathology; Pathogenesis; In vitro; Assays; Diagnostic techniques

Abstract: 1. The pancreatic digestive enzyme activities of trypsin and chymotrypsin were assessed in vitro and were found to correlate well with the histological changes characteristic of pancreas disease (PD) in farmed Atlantic salmon (*Salmo salar*). 2. Pancreatic enzyme activity was assessed in vivo using the chymotrypsin specific substrate N-benzoyl-L-tyrosyl-p-aminobenzoic acid. In all cases, significantly less p-aminobenzoic acid was excreted by fish later found to be suffering from PD. 3. It is concluded that the in vitro digestive enzyme assay was effective in diagnosing PD with the in vivo method, indicating further promise for assessing exocrine pancreatic function.



20 NAL Call. No.: S560.F37  
Economic and managerial aspects of trout farming.  
Goddard, J.S.  
London, Centre for Farm Management; Winter 1979/1980.  
Farm management v. 4 (1): p. 19-25; Winter 1979/1980. 3 ref.

Language: ENGLISH

21 NAL Call. No.: SH167.S17B57  
The economics of salmon aquaculture.  
Bjorndal, Trond  
London ; Cambridge, Mass. : Blackwell Scientific Publications ;  
Brookline Village, Mass. : distributors, Publishers' Business  
Services,; 1990. viii, 118 p. : ill. ; 24 cm. Includes  
bibliographical references (p. [106]-108) and index.

Language: English

Descriptors: Fish-culture; Economic aspects; Salmon; Economic  
aspects

22 NAL Call. No.: QH581.A1Z4  
Effect of 17 alpha-methyltestosterone, estradiol-17 beta and  
synthetic LHRH (luteinizing hormone-releasing hormone) on  
production of gonadotropic hormone in pituitaries of rainbow  
trout (organ culture) (*Salmo gairdneri*). Fahraeus-van Ree, G.E.;  
Vlaardingen, M. van; Gielen, J.T.  
Berlin, W. Ger. : Springer International; 1983.  
Cell and tissue research v. 232 (1): p. 157-176. ill; 1983.  
Includes references.

Language: English

23 NAL Call. No.: 470 C16D  
The effect of feeding thyroid hormones on saltwater tolerance and  
growth rate of Atlantic salmon (*Salmo salar*, Promotion of growth  
and survival prior to smoltification, fish farming).  
Refstie, T.; Ottawa : National Research Council of Canada; Nov  
1982. Canadian journal of zoology; Journal canadien de zoologie  
v. 60 (11): p. 2706-2712; Nov 1982. 2 p. ref.

Language: English; French

24 NAL Call. No.: 409.6 P76  
Effect of intensive trout culture in Lake Letowo on bottom  
sediments (Poland).  
Trojanowski, J.; Trojanowska, C.; Rataczyk, H.  
Warszawa : Panstwowe Wydawn. Naukowe; 1982.  
Polskie archiwum hydrobiologii; Polish archives of hydrobiology  
v. 29 (3/4): p. 659-670. maps; 1982. Includes references.

Language: English; Polish

Descriptors: Poland

25 NAL Call. No.: 409.6 P76  
Effect of intensive trout culture on chemistry of Lake Letowo waters (Poland).  
Korzeniewski, K.; Salata, W.  
Warszawa : Panstwowe Wydawn. Naukowe; 1982.  
Polskie archiwum hydrobiologii; Polish archives of hydrobiology v. 29 (3/4): p. 633-657. maps; 1982. Includes references.

Language: English; Polish

Descriptors: Poland

26 NAL Call. No.: 409.6 P76  
Effect of intensive trout culture on contents of nutrients in water (Poland).  
Korzeniewski, K.; Trojanowski, J.; Mrozek, B.  
Warszawa : Panstwowe Wydawn. Naukowe; 1982.  
Polskie archiwum hydrobiologii; Polish archives of hydrobiology v. 29 (3/4): p. 625-632; 1982. Includes references.

Language: English; Polish

Descriptors: Poland

27 NAL Call. No.: TD930.A32  
Effect of temperature on silage production from salmon farm mortalities.  
Lo, K.V.; Liao, P.H.; Gao, Y.  
Essex : Elsevier Science Publishers; 1993.  
Bioresource technology v. 44 (1): p. 33-37; 1993. Includes references.

Language: English

Descriptors: British Columbia; Silage making; Salmon; Fish farms; Wastes; Temperature; Treatment

28 NAL Call. No.: HD1401.A56  
Effects of counterfailing duty on Norwegian farmed salmon.  
Herrmann, M.L.; Lin, B.H.; Mittelhammer, R.C.  
New York, N.Y. : John Wiley; 1991 Jul.  
Agribusiness v. 7 (4): p. 339-355; 1991 Jul. Includes references.

Language: English

Descriptors: Norway; U.S.A.; Europe; Atlantic salmon; Fish farming; Tariffs; Economic impact; Dynamic models; Simultaneous equation analysis; Econometric models; International trade; European communities

29

NAL Call. No.: 414.9 AM3

Effects of dewatering on chinook salmon redds: tolerance of four developmental phases to daily dewaterings (Salmon, aquaculture, fish culture, equipment, tides, water circulation).

Becker, C.D.; Neitzel, D.A.; Fickeisen, D.H.

Lawrence : The Society; Sept 1982.

Transactions of the American Fisheries Society v. 111 (5): p. 624-637. ill; Sept 1982. 2 p. ref.

Language: English

30

NAL Call. No.: SH1.A6

Environment-induced gill disease of cultured rainbow trout (*Salmo gairdneri*) (Gill injury).

Peters, G.; Hoffmann, R.; Klinger, H.

Amsterdam : Elsevier Scientific Publishing; May 1, 1984.

Aquaculture v. 38 (2): p. 105-126. ill; May 1, 1984. Includes references.

Language: English

31

NAL Call. No.: 414.9 AM3

Estimating escapement of Pacific salmon: marking practices to discriminate wild and hatchery fish (Monitoring, fishery resources, methods, sampling, aquaculture).

Hankin, D.G.; Lawrence : The Society; May 1982.

Transactions of the American Fisheries Society v. 111 (3): p. 286-298. ill; May 1982. 18 ref.

Language: English

32

NAL Call. No.: SH348.B67 1989

Evaluation and development of techniques for salmon and steelhead culture..

Yaquina River fish management plan Annual progress report, fish research project, Oregon Fish research project, Oregon Borgerson, L. A.

Oregon, Fish Division, U.S. Fish and Wildlife Service  
Portland, Or. : Oregon Dept. of Fish and Wildlife, Fish  
Division,; 1989.

4 leaves ; 28 cm. (Progress reports / Fish Division, Oregon Department of Fish and Wildlife). At head of title: Annual progress report, fish research project, Oregon. "Project number: AFS-78; job 1: Yaquina River fish management plan. Project period: 1 October 1988 to 30 September 1989. This project was financed with Anadromous Fish Act (PL 89-304) funds administered by the United States Fish and Wildlife Service.

Language: English

Descriptors: Salmon Fisheries; Steelhead (fish); Fishery management; Fish hatcheries

33

NAL Call. No.: SH167.S17E9

Evaluation and development of techniques for Salmon and Steelhead culture.

Lagasse, J. P.

Oregon, Fish Division

Portland, Or. : Oregon Dept. of Fish and Wildlife,; 1990.

18 p. ; 28 cm. (Progress reports / Fish Division, Oregon

Department of Fish

and Wildlife). At head of title: Annual progress report,

Technical

Serv ice Section, Oregon. Project number: AFS-78, amendment 5.

Project period: 1 October 1989 to 1 January 1990. Includes

bibliographical references (p. 18).

Language: English

Descriptors: Chinook salmon; Coho salmon; Steelhead (Fish); Fish hatcheries

34

NAL Call. No.: QK600.M82

Exophiala psychrophila sp. nov., a pathogenic species of the black yeasts isolated from farmed Atlantic salmon.

Pedersen, O.A.; Langvad, F.

Cambridge : Cambridge University Press :.; 1989 Mar.

Mycological research v. 92 (pt.2): p. 153-156. ill; 1989 Mar.

Includes references.

Language: English

Descriptors: Salmo salar; Exophiala; Fish diseases; New taxa; Taxonomy; Keys; Spores; Growth rate; Temperature; Ultrastructure

35

NAL Call. No.: QL614.J68

Factors affecting lymphocyte culture for chromosome studies (from brown trout, *Salmo trutta*, and carp, *Cyprinus carpio*).

Blaxhall, P.C.; London : Academic Press; Jan 1983.

Journal of fish biology v. 22 (1): p. 61-76; Jan 1983. 2 p. ref.

Language: English

36

NAL Call. No.: SH151.F5

Farm ponds flourish on Montana prairie (Trout Hatchery).

Klopfenstein, D.; Klopfenstein, I.

London, Arthur J. Heighway; June 1981.

Fish farming international v. 8 (2): p. 18-19. ill; June 1981.

Descriptors: Montana

37

NAL Call. No.: SH167.S17F37

Farmed salmon broodstock management.

Gordon, M. R.

Victoria, Ministry of Environment  
Vancouver, B.C. : B.C. Research,; 1987.  
1 v. (loose-leaf) ; 28 cm. Includes bibliographies.

Language: English

Descriptors: Salmon; Breeding; Handbooks, manuals, etc; Fish culturists; Handbooks, manuals, etc

38 NAL Call. No.: TX385.N3  
The farming of Atlantic salmon in floating sea pens.  
Young, R.  
New York, Springer-Verlag; 1981.  
Nahrung aus dem Meer; Food from the sea. p. 41-49; 1981.

39 NAL Call. No.: BJ52.5.J68  
Farming salmon ethically.  
Needham, E.A.; Lehman, H.  
Guelph, Ontario, Canada : University of Guelph; 1991.  
Journal of agricultural & environmental ethics v. 4 (1): p. 78-81; 1991.  
Includes references.

Language: English

Descriptors: Salmon culture; Ethics; Quality of life; Animal welfare

40 NAL Call. No.: GB772.F5A3 no.64  
Fecal indicator bacteria at freshwater rainbow trout (*Salmo Gairdneri*) farms = Fekaali indikaattoribakteerit sisavesien kirjolohen kasvatuslaitoksilla. Niemi, Maarit  
Finland, Versihallitus, Vesientutkimuslaitos (Finland)  
Helsinki : National Board of Waters,; 1985.  
49 p. : ill. ; 18 cm. (Vesientutkimuslaitos julkaisuja = Publications of the Water Research Institute, no. 64). Summary in Finnish.  
Bibliography: p. 43-47.

Language: English

Descriptors: Fishes; Effect of water pollution on; Fish hatcheries; Rainbow trout; Feces

41 NAL Call. No.: TD930.A32  
Fertilizing properties of trout farm waste.  
Willett, I.R.; Jakobsen, P.  
London : Elsevier Applied Science Publishers; 1986.  
Agricultural wastes v. 17 (1): p. 7-13; 1986. Includes references.

Language: English Descriptors: Soil amendments; Fertilizers;

Medicago sativa; Fish farms; Rainbow trout; Waste utilization;  
Waste disposal; Nutrient contents

42 NAL Call. No.: 157.5 P94  
Fin erosion and culture-related injuries of chinook salmon raised  
in floating net pens (*Oncorhynchus ishawytscha*).  
Moring, J.R.; Fort Collins : The Service; Oct 1982.  
The Progressive fish culturist - United States, Fish and Wildlife  
Service v.  
44 (4): p. 189-191; Oct 1982. Includes references.

Language: English

43 NAL Call. No.: 500 M663  
Fish culture in Minnesota farm ponds (Channel catfish, largemouth  
bass, rainbow trout, yellow bullheads, bluegill sunfish, and  
black crappie).  
Murnyak, M.O.; Murnyak, D.F.  
St. Paul : The Academy; 1983/1984.  
Journal of the Minnesota Academy of Science v. 49 (1): p. 3-6;  
1983/1984.  
Includes references.

Language: English

Descriptors: Minnesota

44 NAL Call. No.: SH1.C65  
Fish farming in Norway: competition for Pacific salmon? (*Salmo  
salar*).  
Hansen, F.; Lent, R.  
Little Rock, Ark, Briggs Associates, Inc; May/June 1982.  
Aquaculture magazine v. 8 (4): p. 34-36. ill; May/June 1982.

Language: English

Descriptors: Norway

45 NAL Call. No.: HD1401.A56  
Forecasting the price of farmed Atlantic salmon: an integrated  
econometric and time series approach.  
Lin, B.H.; Herrmann, M.; Lin, T.Y.; Mittelhammer, R.C.  
New York, N.Y. : John Wiley; 1989 Sep.  
Agribusiness v. 5 (5): p. 477-488; 1989 Sep. Includes  
references.

Language: English

Descriptors: U.S.A.; Europe; *Salmo salar*; Supply balance;  
Forecasting; Market prices; Econometric models; Dynamic models;  
Time series; European communities

46

NAL Call. No.: SH167.T86C5

Freshwater trout farming in British Columbia.

Clemmons, Eleanor

British Columbia, Ministry of Agriculture and Food, British Columbia, Ministry of Environment

Penticton, B.C.? : British Columbia, Ministry of Agriculture and Food : British Columbia, Ministry of Environment,; 1985.

18, [26] p. ; 28 cm. Bibliography: p. [33]-[37].

Language: English

Descriptors: Trout; British Columbia; Fish-culture; Government policy; British Columbia

47

NAL Call. No.: SH151.F5

From water cress to trout--fast growing fish farm in the shadow of London.

Glen, D.

London, Arthur J. Heighway; Sept 1980.

Fish farming international v. 7 (3): p. 24-25. ill; Sept 1980.

Language: ENGLISH

Descriptors: England

48

NAL Call. No.: SH259.A68 no.1

Furunculosis in farmed Atlantic salmon in Scotland.

Munro, A. L. S.

Aberdeen : Dept. of Agriculture and Fisheries for Scotland, Marine Laboratory,; 1988.

[6] p. ; 30 cm. (Aquaculture information series ; no.1).

Includes bibliographical references (p. [6]).

Language: English

49

NAL Call. No.: SH35.A62A68 1982

The future of salmon aquaculture development in Alaska.

Roys, R.S.

Fairbanks, Alaska : Alaska Sea Grant College Program, Univ. of Alaska, 1982; 1982.

Proceedings of the Third Alaska Aquaculture Conference, Cordova, Alaska, April 27-28, 1982 / edited by T. Frady. p. 11-13; 1982.

Language: English

Descriptors: Alaska

50

NAL Call. No.: SH171.A1J68

Glomerular disease in cultured rainbow trout, *Salmo gairdneri*

Richardson, suffering from presumptive chronic viral haemorrhagic septicaemia.

Elger, M.; Hentschel, H.

Oxford : Blackwell Scientific; May 1983.

Journal of fish diseases v. 6 (3): p. 211-229. ill; May 1983.  
Includes references.

Language: English

51

NAL Call. No.: 80 C83

Growth of a salmon farm.

Cooke, B.W.C.

London, IPC Magazines; Sept 25, 1980.

Country life v. 168 (4336): p. 1057-1058. ill; Sept 25, 1980.

Language: ENGLISH

Descriptors: Great Britain

52

NAL Call. No.: 414.9 AM3

Harvest and nutritional quality of *Gammarus lacustris* for trout culture

(Nutritive value, Maintoba Lake, Canada).

Mathias, J.A.; Martin, J.; Yurkowski, M.; Lark, J.G.I.; Papst, M.; Tabachek, J.L.

Lawrence, Kan., The Society; Jan 1982.

Transactions of the American Fisheries Society v. 111 (1): p. 83-89. ill; Jan

1982. Includes 1 p. ref.

Language: English

Descriptors: Canada; Lakes and Ponds

53

NAL Call. No.: 49.9 C33

Hydrobiologie zatopene piskovny Frantiskov v souvislosti s klecoym shovem pstruha duhoveho [Hydrobiology of the flooded sand pit at Frantiskov in relation with the cage culture of rainbow trout (Czechoslovakia)]. Machacek, J.; Hartman, P. Praha : Ustav; Nov 1982.

Zivocisna vyroba - Ceskoslovenska akademie zemedelska, Ustav vedeckotechnickych informaci pro zemedelstvi v. 27 (11): p. 857-863; Nov 1982. 10 ref.

Language: Czech; English; German; Russian Descriptors: Czechoslovakia

54

NAL Call. No.: 442.9 C16J

Immunogenic potential of growth products extracted from cultures of *Aeromonas salmonicida* for brook trout (*Salvelinus fontinalis*) (Furunculosis). Cipriano, R.C.; Hull : Minister of Supply and Services Canada; Nov 1982.

Canadian journal of fisheries and aquatic sciences; Journal canadien des sciences halieutiques et aquatiques v. 39 (11): p. 1512-1518. ill; Nov 1982. Includes references.

Language: English; French



55 NAL Call. No.: 281.8 C16  
Import demands for Norwegian farmed Atlantic salmon and wild Pacific salmon in North America, Japan and the EC.  
Herrmann, M.L.; Mittelhammer, R.C.; Lin, B.H.  
Ottawa : Canadian Agricultural Economics and Farm Management Society; 1993 Mar.  
Canadian journal of agricultural economics; Revue Canadienne d'economie rurale v. 41 (1): p. 111-125; 1993 Mar. Includes references.

Language: English

Descriptors: Norway; North America; Japan; Europe; Oncorhynchus nerka; Atlantic salmon; Imports; Demand; European communities

56 NAL Call. No.: SH167.T86S3  
Intensive cage culture of rainbow trout in farm dugouts.  
Sawchyn, W. W.  
Saskatchewan Research Council  
Saskatoon, Saskatchewan : Saskatchewan Research Council,; 1984.  
vii, 94 leaves : ill. (some col.) ; 28 cm.. (SRC technical report ; no. 161). February, 1984. SRC publication E-901-6-B-84.  
Bibliography: leaves 79-82.

Language: English

Descriptors: Trout fisheries; Saskatchewan; Fishery resources; Saskatchewan; Hatchery vs. wild stocks

57 NAL Call. No.: SH151.B54 1979  
Keeping hatchery design simple (Trout culture).  
Quinata, I.C.  
Bethesda, Md. : Fish Culture Section of the American Fisheries Society, c1981; 1981. Proceedings of the Bio-Engineering Symposium for Fish Culture / edited by Lochie Jo Allen and Edward C. Kinney. p. 149-155. ill; 1981. 3 ref.

58 NAL Call. No.: SH174.A4  
Legislative measures concerning trout farming in Denmark.  
Jorgensen, O.H.  
Rome : Food and Agriculture Organization of the United Nations, 1982; 1982.  
Report of the EIFAC workshop on fish-farm effluents, Silkeborg, Denmark, 26-28, 1981 / by John S. Alabaster. p. 137-140; 1982.

Language: English

Descriptors: Denmark

59 NAL Call. No.: 382 S012

Lipids in light and dark muscle of farmed rainbow trout  
(*Oncorhynchus mykiss*).  
Ingemansson, T.; Olsson, N.U.; Herslof, B.G.; Ekstrand, B.  
Essex : Elsevier Applied Science; 1991.  
Journal of the science of food and agriculture v. 57 (3): p.  
443-447; 1991.  
Includes references.

Language: English

Descriptors: Rainbow trout; Muscle tissue; Lipids; Fatty acids;  
Food composition

Abstract: Dark muscle tissue of farmed rainbow trout  
(*Oncorhynchus mykiss* Walbaum) was found to have a higher total  
lipid content than light muscle--73 vs 30 g kg<sup>-1</sup>--which was  
mainly due to a higher content of neutral lipids. In accordance  
with this the phospholipid content in the dark muscle tissue was  
322 g kg<sup>-1</sup> of total lipids compared with 569 g kg<sup>-1</sup> in light  
muscle tissue. Lipids from light muscle tissue contained higher  
percentages of polyunsaturated fatty acids than the dark muscle  
lipids, and docosahexaenoic acid was the major fatty acid  
present.

60 NAL Call. No.: FICHE 290.9 AM32P  
Maintaining water quality in recirculating trout culture: field  
evaluation of a retained biomass nitrification filter.  
Saxton, C.H.; Brune, D.E.  
St. Joseph, Mich. : The Society; 1985.  
Paper - American Society of Agricultural Engineers (Microfiche  
collection)  
(fiche no. 85-5011): 18 p.; 1985. Paper presented at the 1985  
Summer Meeting of the American Society of Agricultural Engineers.  
Available for purchase from: The American Society of Agricultural  
Engineers, Order Dept., 2950 Niles Road,. Includes references.

Language: English

Descriptors: Fish culture; Trout; Water composition and quality;  
Biomass; Nitrification; Filters

61 NAL Call. No.: 23 N484  
Many servings from Scottish salmon farms.  
Ronnie, V.  
Auckland : New Zealand Newspapers; 1984 Nov22.  
The New Zealand farmer v. 105 (22): p. 30, 33-34. ill; 1984  
Nov22.

Language: English

Descriptors: Scotland; Saline water; Salmon culture; Hatcheries;  
Pens

62 NAL Call. No.: HD9469.S23C265

The Market for farmed salmon an overview.  
British Columbia, Ministry of Agriculture and Food, Marketing  
Branch Vancouver, B.C.? : The Branch,; 1986. 22 p. ; 28 cm.  
Bibliography: p. 22.

Language: English

Descriptors: Salmon industry; British Columbia; Fish-culture;  
British Columbia

63 NAL Call. No.: 280.8 J822

Market structure for farmed salmon.  
DeVoretz, D.J.; Salvanes, K.G.  
Ames, Iowa : American Agricultural Economics Association; 1993  
Feb. American journal of agricultural economics v. 75 (1): p.  
227-233; 1993 Feb. Includes references.

Language: English

Descriptors: Norway; Salmon; Market segmentation; Price  
discrimination; Market competition; Monopoly; Simultaneous  
equation analysis; Mathematical models

Abstract: Farmed salmon represents 20% of the total volume of  
the world's salmon supply. Norwegian salmon farmers produce more  
than 50% of the world's farmed salmon. Rapid expansion of this  
industry raises important issues about market model  
specification. We specify and test models with varying degrees of  
market power, including third-degree price discrimination, using  
Norwegian export data from 1983 to 1988. Results indicate that  
Norwegian exporters have limited ability to engage in regional  
price discrimination, although they may have discriminated after  
the third quarter of 1987. Seasonal price discrimination,  
however, may have taken place because demand is more inelastic in  
periods when fresh wild-caught salmon are unavailable.

64 NAL Call. No.: 41.9 W64B

Mass mortality in cultured coho salmon (*Oncorhynchus kisutch*) due  
to *Saprolegnia parasitica* coker.  
Hatai, K.; Hoshiai, G.  
Ames, Iowa : Wildlife Disease Association; 1992 Oct.  
Journal of wildlife diseases v. 28 (4): p. 532-536; 1992 Oct.  
Includes  
references.

Language: English

Descriptors: Japan; Cabt; *Oncorhynchus kisutch*; *Saprolegnia*  
*parasitica*; Fish diseases; Salmon culture; Mortality

65 NAL Call. No.: 409.6 P76

A mathematical model for optimization of intensive trout culture  
in running waters (Poland).  
Kalfus, M.; Korzeniewski, K.

Warszawa : Panstwowe Wydawn. Naukowe; 1982.  
Polskie archiwum hydrobiologii; Polish archives of hydrobiology  
v.  
29 (3/4): p. 693-702; 1982. Includes references.

Language: English; Polish

Descriptors: Poland

66 NAL Call. No.: RA565.A1J6  
Metabolism of benzol(a)pyrene by fish cells in culture (Water  
pollution, pollutants, toxicity, trout, bluegills, minnow).  
Thornton, S.C.; Diamond, L.; Baird, W.M.  
Washington : Hemisphere Publishing; July 1982.  
Journal of toxicology and environmental health v. 10 (1): p.  
157-167; July 1982. 3 p. ref.

Language: English

67 NAL Call. No.: QL614.J68  
A method for obtaining mitotic figures from blood leucocyte  
cultures of rainbow trout, *Salmo gairdneri*.  
Hartley, S.E.; Horne, M.T.  
London : Academic Press; Jan 1983.  
Journal of fish biology v. 22 (1): p. 77-82; Jan 1983. 13 ref.

Language: English

68 NAL Call. No.: SH174.A4  
Methods of treatment of waste water from trout farming.  
Warrer-Hansen, I.  
Rome : Food and Agriculture Organization of the United Nations,  
1982; 1982. Report of the EIFAC workshop on fish-farm effluents,  
Silkeborg, Denmark, 26-28, 1981 / by John S. Alabaster. p.  
113-121. ill; 1982. Includes references.

Language: English

69 NAL Call. No.: TP368.J6  
Muscle carotenoid content and colour of farmed rainbow trout fed  
astaxanthin or canthaxanthin as affected by cooking and smoke-  
curing procedures.  
Choubert, G.; Blanc, J.M.; Courvalin, C.  
Oxford : Blackwell Scientific Publications; 1992 Jun.  
International journal of food science and technology v. 27 (3):  
p. 277-284; 1992 Jun. Includes references.

Language: English

Descriptors: Trout; Diet; Astaxanthin; Canthaxanthin; Cooking;  
Carex; Products; Smoked fish; Muscles; Composition; Carotenoids;  
Color

70 NAL Call. No.: QH540.U562 no.90(17)  
Ninety years of salmon culture at Little White Salmon National  
Fish Hatchery.  
Nelson, William R.; Bodle, Jack  
U.S. Fish and Wildlife Service, Research and Development  
Washington, D.C. : U.S. Dept. of the Interior, Fish and Wildlife  
Service,; 1990. ii, 22 p. : ill. ; 28 cm. (Biological report ;  
90(17)). December 1990.  
Includes bibliographical references (p. 21-22).

Language: English

Descriptors: Fish-culture; Fish hatcheries; Salmon

71 NAL Call. No.: 41.8 V641  
Occurrence of cataracts in triploid Atlantic salmon (*Salmo salar*)  
on four farms in Scotland.  
Wall, A.E.; Richards, R.H.  
London : The Association; 1992 Dec12.  
The Veterinary record : journal of the British Veterinary  
Association v. 131 (24): p. 553-557; 1992 Dec12. Includes  
references.

Language: English

Descriptors: Scotland; Atlantic salmon; Females; Cataract;  
Triploidy

72 NAL Call. No.: SH171.A1J68  
An outbreak of botulism in rainbow trout, *Salmo gairdneri*  
Richardson, farmed in Britain (*Clostridium botulinum*).  
Cann, D.C.; Taylor, L.Y.  
Oxford, Blackwell Scientific; Sept 1982.  
Journal of fish diseases v. 5 (5): p. 393-399; Sept 1982. 2 p.  
ref.  
Language: English

Descriptors: Great Britain

73 NAL Call. No.: HD9469.S209  
The Outlook for salmon aquaculture products in world markets..  
The Outlook for salmon and shrimp aquaculture products in world  
markets United States, National Marine Fisheries Service Juneau,  
Alaska : Senate Advisory Council, Alaska State Legislature, Pouch  
V,; 1984.  
80, 9 p. : ill. ; 28 cm. Title on added t.p.: The Outlook for  
salmon and shrimp aquaculture products in world markets. Study  
prepared for the Assistant Administrator for Fishers by the  
Aquaculture Project Group. November 1984.

Language: English; English

Descriptors: Fishery products; Marketing; Salmon industry;

Salmon; Shrimps; Aquaculture

74 NAL Call. No.: SH1.A6  
Oxygen consumption of adult Atlantic salmon (*Salmo salar* L.)  
males and females in fish culture.  
Kazakov, R.V.; Khalyapina, L.M.  
Amsterdam, Elsevier Scientific Publishing; Aug 1981.  
Aquaculture v. 25 (2/3): p. 289-292; Aug 1981. 12 ref.

Language: English

75 NAL Call. No.: SH174.A4  
Pollution loads from rainbow trout farms in Brittany, France.  
Querellou, J.; Faure, A.; Faure, C.  
Rome : Food and Agriculture Organization of the United Nations,  
1982; 1982.  
Report of the EIFAC workshop on fish-farm effluents, Silkeborg,  
Denmark, 26-28, 1981 / by John S. Alabaster. p. 87-97; 1982.  
Includes  
references.

Language: English

Descriptors: France

76 NAL Call. No.: SH1.C65  
Public, private sectors in Finland develop whitefish and trout  
culture.  
Huner, J.V.; Lindquist, O.V.  
Little Rock : Briggs Associates, Inc; Jan/Feb 1983.  
Aquaculture magazine v. 9 (2): p. 22-24. ill; Jan/Feb 1983.

Language: English

Descriptors: Finland

77 NAL Call. No.: QH541.5.W3A6  
Rainbow trout and human cells in culture for the evaluation of  
the toxicity of aquatic pollutants: a study with cadmium (*Salmo  
giardneri*).  
Marion, M.; Denizeau, F.  
Amsterdam : Elsevier Biomedical; May 1983.  
Aquatic toxicology v. 3 (4): p. 329-343; May 1983. Includes  
references.

Language: English

78 NAL Call. No.: QH541.5.W3A6  
Rainbow trout and human cells in culture for the evaluation of  
the toxicity of aquatic pollutants: a study with lead (*Salmo  
giardneri*).  
Marion, M.; Denizeau, F.

Amsterdam : Elsevier Biomedical; Jan 1983.  
Aquatic toxicology v. 3 (1): p. 47-60; Jan 1983. 2 p. ref.

Language: English

79 NAL Call. No.: SH167.R34R35 1992  
The Rainbow trout the proceedings of the first Aquaculture-  
sponsored symposium held at the Institute of Aquaculture,  
University of Stirling, Scotland, 4-7 September 1990.  
University of Stirling, Institute of Aquaculture  
Amsterdam ; New York : Elsevier,; Reprinted 1992.  
vi, 339 p. : ill. ; 25 cm. This volume is reprinted from the  
journal, Aquaculture, Vol. 100, nos. 1-3. Includes  
bibliographical  
references and  
index.

Language: English

Descriptors: Rainbow trout

80 NAL Call. No.: SH171.A1J68  
A report of an epizootic in hatchery reared rainbow trout, *Salmo  
gairdneri* Richardson, at an English trout farm, caused by  
*Yersinia ruckeri*.  
Roberts, M.S.  
Oxford : Blackwell Scientific; Nov 1983.  
Journal of fish diseases v. 6 (6): p. 551-552; Nov 1983.  
Includes  
references.

Language: English

Descriptors: England

81 NAL Call. No.: SH348.N5 1988  
Research and development of Oregon's coastal salmon stocks..  
Annual progress report, fish culture project, Oregon Fish  
research project, Oregon  
Nickelson, Thomas E.  
Oregon, Fish Division, U.S. Fish and Wildlife Service  
Portland, Or. : Oregon Dept. of Fish and Wildlife, Fish  
Division,; 1988.  
3 p. ; 28 cm. (Progress reports / Fish Division, Oregon  
Department of Fish and Wildlife). At head of title: Annual  
progress report, fish research project, Oregon. Project number:  
AFC-127, task 4: Coastal salmon plan development.  
Contract number: NA87-ABD-00109. Project period: 30 September  
1987 to 29 September 1988. This project was financed in part  
with Anadromous Fish Act (PL 89-304) funds administered by The  
U.S. Fish and Wildlife Service.

Language: English

Descriptors: Chinook salmon fisheries; Chinook salmon

82

NAL Call. No.: SH1.C65

Review of cage culture activity indicates continuing interest (for rearing catfish and trout in the United States, especially in Arkansas).

Newton, S.H.

Little Rock, Ark., Briggs Associates, Inc; Nov/Dec 1980.

Aquaculture magazine v. 7 (1): p. 32-36. ill; Nov/Dec 1980.

Language: ENGLISH

Descriptors: USA; Arkansas

83

NAL Call. No.: SH167.S17R48

Review of salmon aquaculture.

Alaska, Legislature, Senate, Advisory Council

Juneau, Alaska (Pouch 5, Juneau 99811) : Senate Advisory Council, Alaska State

Legislature,; 1984.

iii, 305 p. : ill. ; 28 cm.

Language: English; English

Descriptors: Salmon; Fish-culture; Alaska; Fish-culture

84

NAL Call. No.: 41.8 R3224

Rickettsial septicemia in farmed Atlantic and chinook salmon in British Columbia: Clinical presentation and experimental transmission.

Brocklebank, J.R.; Evelyn, T.P.T.; Speare, D.J.; Armstrong, R.D.

Ottawa : Canadian Veterinary Medical Association, c1978-; 1993

Dec. The Canadian veterinary journal; La revue veterinaire

canadienne v. 34 (12): p. 745-748; 1993 Dec. Includes

references.

Language: English

Descriptors: Salmon; Rickettsia-like organisms; Septicemia

85

NAL Call. No.: SH167.S17S257

Salmon and trout farming.

Laird, L. M.\_1949-; Needham, T., Chichester : E. Horwood ; New

York : Halsted Press,; 1988.

271 p. : ill. ; 25 cm. (Ellis Horwood books in aquaculture and fisheries support). Includes bibliographies and index.

Language: English

Descriptors: Salmon; Trout; Fish-culture

86

NAL Call. No.: SH347.S3



Salmon farming.

Marine Laboratory (Aberdeen, Scotland), Library, Freshwater Fisheries Laboratory (Pitlochry, Scotland), Library, Great Britain, Dept. of Agriculture and Fisheries for Scotland Aberdeen [Scotland] : Library, Marine Laboratory ; Library, Freshwater Fisheries Laboratory,; 198?-9999.

Salmon farming. v. ; 30 cm; 198?-9999. At head of title: Department of Agriculture and Fisheries for Scotland. Description based on: Feb. 1987; title from cover.

Language: English

Descriptors: Salmon-fisheries; Abstracts

87

NAL Call. No.: Videocassette no.796

Salmon farming boom or bust?.

University of Alaska, Anchorage, Sea Grant Marine Advisory Program Anchorage, AK : University of Alaska, Sea Grant Marine Advisory Program,; 1988.

1 videocassette (57 min., 58 sec.) : sd., col. ; 1/2 in. VHS.

"Alaska Resource Issues Forum"--Container. "Funded by the Alaska State Legislature, Alaska Department of Commerce and Economic Development, Division of Business Development and the University of Alaska Sea Grant Marine Advisory Program"--Container.

Language: English

Descriptors: Salmon; Alaska; Economic aspects; Fishery resources; Alaska; Commercial vs. recreational use; Fishery resources; Alaska; Hatchery vs. wild stocks; Fish-culture; Alaska

88

NAL Call. No.: SH167.S17S2 1985

Salmon Farming Conference program and abstracts, Reykjavik, September 19th-20th, 1985.

Institute of Freshwater Fisheries

Salmon Farming Conference 1985 : Reykjavik, Iceland.

Reykjavik, Iceland : Institute of Freshwater Fisheries, [1985?]; 1985. iii, 19 leaves ; 30 cm. Cover title. Veidimalastofnunin.

Language: English

Descriptors: Salmon; Congresses; Fish-culture; Congresses

89

NAL Call. No.: SH167.S17S42

Salmon farming handbook.

Sedgwick, Stephen Drummond

Farnham, Surrey, England : Fishing News,; 1988.

207 p. : ill. ; 21 cm. Includes index.

Language: English

Descriptors: Salmon; Fish-culture

90 NAL Call. No.: SH350.C5M46 1989  
La salmonicultura en Chile.. Salmon farming in Chile, 1a ed..  
Mendez Z., Ricardo; Munita O., Clara; Cortes D., Ricardo  
Santiago de Chile : Fundacion Chile,; 1989.  
229 p. : ill. (some col.) ; 30 cm. English text (p. 177-228) has  
title: Salmon farming in Chile.

Language: Spanish; English

Descriptors: Salmon-fisheries; Fish-culture

91 NAL Call. No.: GF1.J6  
The second wave: the application of New Alchemy aquaculture  
techniques to a remote, small-scale trout farm (Washington).  
Olson, M.  
Woods Hole, Mass., New Alchemy Institute; 1979.  
The Journal of the new alchemists v. 5: p. 110-115. ill; 1979. 5  
ref.

Language: ENGLISH

Descriptors: Washington

92 NAL Call. No.: SH317.A8  
Sevrup (Tasmanian trout-farming company) expanding trout egg  
production (Aquaculture, Tasmania).  
Canberra : Australian Government Publishing Service; June 1982.  
Australian fisheries v. 41 (6): p. 34-35. ill; June 1982.

Language: English

93 NAL Call. No.: 414.9 AM3  
Smoltification in the net-pen culture of coho salmon:  
quantitative genetic analysis (*Oncorhynchus kisutch*).  
Saxton, A.M.; Hershberger, W.K.; Iwamoto, R.N.  
Lawrence, Kan. : The Society; May 1984.  
Transactions of the American Fisheries Society v. 113 (3): p.  
339-347; May 1984. Includes references.

Language: English

94 NAL Call. No.: TJ810.I49 1980  
Solar aquaculture at the Prince Edward Island Ark, Canada (Salmon  
farming).  
MacKay, K.T.; Van Toever, W.  
Oxford, Pergamon Press, 1981; 1981.  
Energy conservation and use of renewable energies in the bio-  
industries : proceedings of the International Seminar on Energy  
Conservation and the Use of Solar and other Renewable Energies in  
Agriculture, Horticulture, and Fishculture, held at the  
Polytechnic of Central London, 15-19 September 1980. International  
Seminar on Energy Conservation and the Use of Solar and other  
Renewable Energies in Agriculture, Horticulture, and Fishculture

(1980 : Polytechnic of Central London). p. 371-377; 1981.  
Bibliography p. 376-377.

Descriptors: Canada

95 NAL Call. No.: SH35.A62A68 1982  
The status of salmon aquaculture in Alaska: the present and the future.  
Kerns, C.  
Fairbanks, Alaska : Alaska Sea Grant College Program, Univ. of Alaska, 1982; 1982.  
Proceedings of the Third Alaska Aquaculture Conference, Cordova, Alaska, April 27-28, 1982 / edited by T. Frady. p. 21-25. ill; 1982. Includes references.

Language: English

Descriptors: Alaska

96 NAL Call. No.: HD9469.T763U5  
A study of consumer attitudes toward rainbow trout as well as their buying and consumption patterns of this food fish a national view through five selected markets : prepared for the United States Trout Farmers Association.  
Block, Carl E.  
United States Trout Farmers Association  
Columbia, Mo. : University of Missouri-Columbia, College of Business and Public Administration, School of Business, Dept. of Marketing, [1984?]; 1984. 101, [5] leaves : form ; 28 cm. August 1984. Chiefly tables.

Language: English

Descriptors: Fish as food; Rainbow trout; Consumers; United States; Attitudes

97 NAL Call. No.: SH171.A1J68  
A survey of the prevalence and distribution of proliferative kidney disease (PKD) (in farmed rainbow trout, *Salmo gairdneri*) in England and Wales (in fishes).  
Seagrave, C.P.; Bucke, D.; Hudson, E.B.; McGregor, D.  
Oxford, Blackwell Scientific; Sept 1981. Journal of fish diseases v. 4 (5): p. 437-439. map; Sept 1981. 7 ref.

Descriptors: England; Wales

98 NAL Call. No.: SH151.F5  
Technology in aquaculture: controlling egg production in rainbow trout.  
Whitehead, C.; Forster, J.  
London, Arthur J. Heighway; Dec 1981.  
Fish farming international v. 8 (4): p. 43-44. ill; Dec 1981.

Language: English

99 NAL Call. No.: 157.8 R29  
Treating trout processing wastewater--a successful case history  
(Thousand Springs Trout Farms, Buhl, Idaho).  
Keith, J.S.  
National Symposium on Flood Processing Wastes, 9th, Denver, 1978.  
Springfield, Va., The Service; Aug 1978.  
PB - U. S. National Technical Information Service. United States.  
National Technical Information Service (289 761): p. 110-117.  
ill; Aug 1978.

2 ref.

Language: ENGLISH

Descriptors: Idaho

100 NAL Call. No.: SH151.S62  
Trout farming: a guide to production and inventory management.  
Hinshaw, J.M.  
Ada, Okla. : Southern Regional Aquaculture Center; 1990 Jan.  
SRAC publication (222): 2 p. ill; 1990 Jan.

Language: English

Descriptors: Southern states of U.S.A.; Trout; Fish farming;  
Carrying capacity; Inventories; Management; Production controls

101 NAL Call. No.: SH167.R34S4 1990  
Trout farming handbook., 5th ed..  
Sedgwick, Stephen Drummond  
Osney Mead, Oxford : Fishing News Books,; 1990.  
x, 164 p. : ill. ; 21 cm. Includes index.

Language: English

Descriptors: Rainbow trout; Fish-culture

102 NAL Call. No.: SH1.C65  
Trout farming in Kentucky.  
Conrad, J.; Little Rock : Briggs Associates, Inc; Mar/Apr 1983.  
Aquaculture magazine v. 9 (3): p. 16-17. ill; Mar/Apr 1983.

Language: English

Descriptors: Kentucky

103 NAL Call. No.: 275.29 W27P  
Trout farming in Washington (Site, construction, economics).  
Harbell, S.C.; Carkner, R.  
Pullman, Wash., The Service; Mar 1981.

Extension bulletin - Washington State University, Cooperative  
Extension  
Service (756): 18 p. ill; Mar 1981.

Descriptors: Washington

104 NAL Call. No.: SH167.T86S73 1987  
Trout farming manual., 2nd ed..  
Stevenson, John P.  
Farnham : Fishing News,; 1987.  
xii, 259 p. : ill. ; 21 cm. Includes index.

Language: English

Descriptors: Trout; Fish-culture

105 NAL Call. No.: Fiche S-70 no.2154  
Trout in farm and ranch ponds [by Adrey E. Borell and Paul M.  
Scheffer].  
Borell, Adrey E.  
Washington, D.C. : U.S. Dept. of Agriculture,; 1961, reprinted  
1980. 17 p. : ill., map. (Farmers' bulletin / United States  
Department of Agriculture ; no. 2154).

Language: English

106 NAL Call. No.: 1.98 AG84  
Trout manure as fertilizer (Byproduct of trout fish culture,  
Idaho).  
Yarris, L.  
Washington, D.C., The Service; Nov 1981.  
Agricultural research - United States Agricultural Research  
Service v. 30 (5): p. 9. ill; Nov 1981.

Language: English

Descriptors: Idaho

107 NAL Call. No.: 41.2 H198 (1982 no.27)  
Untersuchungen in Forellenzucht- und Raucherbetrieben zum  
Hygienestatus des PProduktes gerauchertes, vakuumverpacktes  
Forellenfilet [Studies on the hygienic status of smoked vacuum  
packed trout fillets in farming and smoking  
plants.].  
Kruger, Hans-Eckhard  
Hannover (s.n.); 1982.  
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