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Mollusc Culture

January 1989-February 1993

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I. Title.

az5071.N3 no.93-19

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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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Mollusc Culture
 Search Strategy

Set	Items	Description
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S1	41625	CULTURE
S2	33070	AQU?CULTUR?
S3	147	MARICULTURE
S4	535	HATCHER?
S5	2968	RAIS?/TI
S6	0	NET PEN
S7	16	LONGLINE
S8	0	LONG LINE
S9	174	FISH FARM?

S10 75922 (CULTURE OR AQU?CULTUR? OR MARICULTURE OR HATCHER? OR RAIS?/TI OR NET PEN OR LONGLINE OR LONG LINE OR FISH FARM?)

S11 1398 MOLLUS?

S12 365 BIVALV?

S13 782 CLAM?

S14 26 QUAHOG?

S15 190 COCKLE?

S16 137 CONCH?

S17 629 MUSSEL?

S18 219 SCALLOP?

S19 838 OYSTER?

S20 7 WHELK

S21 69 ABALONE

S22 171 SQUID

S23 0 PEN(1) SHELL

S24 4372 (MOLLUS? OR BIVALV? OR CLAM? OR QUAHOG? OR COCKLE? OR CONCH? OR MUSSEL? OR SCALLOP? OR OYSTER? OR WHELK OR ABALONE OR SQUID OR PEN(1) SHELL)

S25 3 HIPPOPUS

S26 15 TRIDACNA

S27 15 STROMBUS

S28 90 LAURENCIA

S29 454 MYTILUS

S30 293 CRASSOSTREA

S31 71 OSTREA

S32 73 MERCENARIA

S33 59 HALIOTIS

S34 18 ANADARA

S35 28 ARGOPECTEN

S36 1069 (HIPPOPUS OR TRIDACNA OR STROMBUS OR LAURENCIA OR MYTILUS OR CRASSOSTREA OR OSTREA OR MERCENARIA OR HALIOTIS OR ANADARA OR ARGOPECTEN)

S37 4641 S24 OR S36

S38 1911 S37 AND S10

S39 194 S38 AND PY=1989:1993

S40 151 S39 NOT (PESTICIDE? OR HERBICIDE? OR FUNGICIDE? OR HUMAN(3N)HEALTH OR HUMAN(3N)NUTRITION OR POISON? OR TOXIC?)

S41 149 S40 NOT ORGANOCHLORINE

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Mollusc Culture

1 NAL Call. No.: SH371.5.F3
 Abalone farming.
 Fallu, Ric
 Oxford, England : Fishing News Books ; Cambridge, MA : Blackwell Scientific Publication Inc. [distributor],; 1991. xi, 195 p. : ill. ; 26 cm. Includes bibliographical references (p. 183-191) and index.
 Language: English
 Descriptors: Abalone culture; Abalones

2 NAL Call. No.: SH371.5.I58 1989

Abalone of the world biology, fisheries and culture.
Shepherd, S. A.; Tegner, Mia J.; Proo, S. A. Guzman del
International Symposium on Abalone 1st : 1989 : La Paz, Mexico.
Fishing News,; 1991. [448] p..
Language: English
Descriptors: Abalone culture; Abalone fisheries

3 NAL Call. No.: 100 L93 (1) no.834
Advances in utilization of Rangia clam resources in Louisiana.
Grodner, Robert M.
Baton Rouge, LA : Louisiana State University, Agricultural
Center, Louisiana Agricultural Experiment Station,; 1992. 37 p. :
ill. ; 23 cm. (Bulletin (Louisiana Agricultural Experiment
Station : 1955) ; no. 834.). June 1992. Cover title. Includes
bibliographical references (p. 33-37).
Language: English

4 NAL Call. No.: 389.8 B77
All the year round oysters.
Humphrys, G.
Bradford : MCB University Press; 1989 Jan.
British food journal v. 91 (1): p. 23-24; 1989 Jan. Includes 4
references.
Language: English
Descriptors: United Kingdom; Oysters; Oyster culture;
Hatcheries; Food supply

Abstract: Until recent years there was a season for eating
oysters--from September to April. Nowadays this only applies to
British native oysters (*Ostrea edulis*), but due to the
development of hatchery production seed oysters, chiefly Pacific
oysters (*Crassostrea gigas*), they are now available all the year
round. The harvesting of our native oysters is a long-established
industry in England and Wales. At one time they were a staple
item of diet for the poorer sections of the community. Oysters
were then sold at 1 pound a bushel, and on London street stalls
they could be bought at four a penny.

5 NAL Call. No.: TD930.A32
Application of Spirulina mixed feed in the breeding of bay
scallop. Zhou, B.; Liu, W.; Qu, W.; Tseng, C.K. Essex : Elsevier
Applied Science Publishers; 1991. Bioresource technology v. 38
(2/3): p. 229-232; 1991. Includes references.
Language: English
Descriptors: Shandong; Scallops; Aquaculture; Feeding;
Spirulina; Hatcheries

6 NAL Call. No.: SH328.F47 no.25
Aquaculture of bivalve molluscan shellfish in tropical and sub-
tropical developing countries with special reference to sanitary
water quality, monitoring systems and depuration.
Rice, Michael A.
International Center for Marine Resource Development

Kingston, R.I. : International Center for Marine Resource Development, University of Rhode Island,; 1990. 38 p. ; 22 cm. (FDSS working paper ; no. 25). July 1990. Bibliography: p. 23-38.

Language: English

Descriptors: Aquaculture; Shellfish culture

7

NAL Call. No.: QR1.M562

A bacteriological survey of an oyster-growing area: the Oualidia Lagoon, Morocco.

Bouchriti, N.; El Marrakchi, A.; Fahim, A.; Goyal, S.M.

Oxford : Rapid Communications of Oxford Ltd. with UNESCO; 1992 Sep. World journal of microbiology and biotechnology v. 8 (5): p. 546-549; 1992 Sep. Includes references.

Language: English

Descriptors: Morocco; Coliform bacteria; Fecal coliforms; Fecal flora; Streptococcus; Water pollution; Water microbiology; Microbial contamination; Lagoons; Oyster culture; Crassostrea gigas

8

NAL Call. No.: Z5970.B5 no.11

A bibliography of the pearl oysters (Bivalvia: Pteriidae).

Gervis, M. H.

Manila, Philippines : International Center for Living Aquatic Resources Management,; 1991. 99 p. ; 28 cm. (ICLARM contribution ; no. 765; Bibliographies (International Center for Living Aquatic Resources Management) ; 11.). Includes indexes.

Language: English

9

NAL Call. No.: SH372.5.V34

The biology and culture of mussels of the genus Perna.

Vakily, J. M.

International Center for Living Aquatic Resources Management, Deutsche Gesellschaft fur Technische Zusammenarbeit Manila, Philippines : International Center for Living Aquatic Resources Management ; Eschborn, Federal Republic of Germany : Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ),; 1989. iv, 63 p., [2] p. of plates : ill. ; 28 cm. (ICLARM contribution ; no. 494 ICLARM studies and reviews, 17). Bibliography: p. 56-63.

Language: English

Descriptors: Mussel culture; Mussels; Pe RNApe RNA

10

NAL Call. No.: SH365.C4B7

Chesapeake gold man & oyster on the Bay.. Chesapeake gold : man and oyster on the bay Brait, Susan, Lexington, Ky. : University Press of Kentucky,; 1990. 146 p. : ill., map ; 23 cm. Includes bibliographical references (p. 141-146).

Language: English

Descriptors: Oyster fisheries; Fishers; Oyster-culture

11

NAL Call. No.: RA1270.P35A1

Clam burrowing bioassay for estuarine sediment.

Phelps, H.L.
New York, N.Y. : Springer-Verlag; 1989 Dec. Bulletin of
environmental contamination and toxicology v. 43 (6): p. 838-845;
1989 Dec. Includes references.
Language: English
Descriptors: North eastern states of U.S.A.; South eastern
states of U.S.A.; Mya; Burrowing; Sediment pollution; Bioassays;
Estuaries

12 NAL Call. No.: SH1.D43 no.19
Clam mariculture in North America.
Manzi, J. J.; Castagna, M.
Amsterdam ; New York : Elsevier ; New York, NY, U.S.A. :
Distributors for the United States and Canada, Elsevier Science
Pub. Co.,; 1989. x, 461 p. : ill. ; 25 cm. (Developments in
aquaculture and fisheries science ; 19). Includes bibliographies
and index.
Language: English
Descriptors: Clam culture; North America

13 NAL Call. No.: Videocassette no.897
Construction of shellfish predator control net Rutgers
Cooperative Extension presents ; produced by Vincent Abbatiello
and G.E. Flimlin. Abbatiello, Vincent; Flimlin, G. E. Rutgers
University, Cooperative Extension Service New Brunswick, N.J.? :
Rutgers Cooperative Extension,; 1989. 1 videocassette (27 min.) :
sd., col. ; 1/2 in. VHS.
Language: English
Descriptors: Shellfish culture; Nets; Clam culture

Abstract: An instructional video which details step-by-step
construction and setting of predator control nets for clam
farming and other shellfish aquaculture ventures. Provides
information on necessary tools and equipment.

14 NAL Call. No.: QL430.7.09M87
Contaminant levels in oysters and clams from the Chesapeake Bay,
1981-1985.
Murphy, Deirdre L.
Maryland, Water Management Administration Baltimore, Md. :
Maryland Dept. of the Environment, Water Management
Administration, Water Quality Programs,; 1990. 112 p. : ill.,
maps ; 28 cm. (Technical report (Maryland Water Management
Administration) ; no. 102.). Bibliography: p. 37-39.
Language: English
Descriptors: Oysters; Clams

15 NAL Call. No.: SH38.R49 1989
Cultivo de moluscos en America Latina memorias segunda Reunion
Grupo de Trabajo Tecnico, Ancud (Isla Chiloe - Chile), Noviembre
7-11, 1989 [Mollusk cultivation in Latin America].
Hernandez R., Armando
International Development Research Center (Canada), Red Regional

de Entidades y Centros de Acuicultura de America Latina Reunion
Grupo de Trabajo Tecnico 2nd : 1989 : Ancud, Chile. Bogota,
Colombia : [s.n.], 1990 (Editora Guadalupe); 1990. 405 p., [7]
leaves of plates : ill. ; 24 cm. One contribution in English.
At head of title: Red Regional de Entidades y Centros de
Acuicultura de America Latina, CIID - Canada. Includes
bibliographical references.
Language: Spanish; English
Descriptors: Aquaculture; Mollusks

16 NAL Call. No.: TD930.A32
Depuration and valuation of mussel-processing wastes.
Characterization of amylolytic postincubates from different
species grown on an effluent.
Gonzalez, M.P.; Siso, M.I.G.; Murado, M.A.; Pastrana, L.;
Montemayor, M.I.; Miron, J.
Essex : Elsevier Science Publishers; 1992. Bioresource technology
v. 42 (2): p. 133-140; 1992. Includes references.
Language: English
Descriptors: Spain; Mussels; Processing; Wastes; Culture media;
Glycogen; Yeasts; Single cell protein; Sources

17 NAL Call. No.: 421 J826
Detection of the abalone parasite *Labyrinthuloides haliotidis* by
a direct fluorescent antibody technique.
Bower, S.M.; Whitaker, D.J.; Elston, R.A.
Duluth, Minn. : Academic Press; 1989 Mar. Journal of invertebrate
pathology v. 53 (2): p. 281-283. ill; 1989 Mar.
Language: English
Descriptors: Abalones; Haliotis; Inoculation; Eukaryotes;
Parasites; Pathogens; Detection; Fluorescent antibody technique

18 NAL Call. No.: TD930.A32
Development of an industrial-scale process for the heterotrophic
production of a micro-algal mollusc feed.
Day, J.D.; Edwards, A.P.; Rodgers, G.A.
Essex : Elsevier Applied Science Publishers; 1991. Bioresource
technology v. 38 (2/3): p. 245-249; 1991. Includes references.
Language: English
Descriptors: Uk; Algae culture; Industrial methods; Dry feeds;
Powders; Mollusca; Feeding; Trials

19 MDU Call. No.: MdULD3231.M70d
Development of competence to matamorphose in the Pacific oyster,
Crassostrea gigas.
Levantine, Paulette L.
University of Maryland at College Park, Dept. of Zoology 1991;
1991. viii, 83 leaves : ill. (some col.) ; 29 cm. Thesis
research directed by Dept. of Zoology. Includes bibliographical
references.
Language: English
Descriptors: *Crassostrea gigas*

20

NAL Call. No.: KJV5826.074 1990

Droit de la conchyliculture et de l'aquaculture marine [Laws for shellfish culture and marine aquaculture].

Orfila, Gerard

Saint-Jean-d'Angely : Editions Bordessoules,; 1990. 166 p. ; 24 cm. Includes bibliographical references (p. 165-166).

Language: French

Descriptors: Shellfish fisheries; Shellfish culture

21

NAL Call. No.: QL151.E36

Ecology and classification of North American freshwater invertebrates.

Thorp, James H.; Covich, Alan P.

San Diego, CA : Academic Press,; 1991. xii, 911 p. : ill. ; 29 cm. Includes bibliographical references and index.

Language: English; English

Descriptors: Freshwater invertebrates

22

NAL Call. No.: 421 J826

Effect of temperature and salinity on in vitro culture of the oyster pathogen, Perkinsus marinus (Apicomplexa: Perkinsea).

Chu, F.L.E.; Greene, K.H.

Duluth, Minn. : Academic Press; 1989 Mar. Journal of invertebrate pathology v. 53 (2): p. 260-268. ill; 1989 Mar. Includes references.

Language: English

Descriptors: Virginia; Oysters; Mortality; Protozoal infections; Dermocystidium; Culture techniques; In vitro; Salinity; Sporulation; Temperature

23

NAL Call. No.: SH222.S6S6 no.74

Effects of marina proximity on certain aspects of the biology of oysters and other benthic macrofauna in a South Carolina estuary. Wendt, Priscilla H.

Charleston, S.C. : Marine Resources Center, South Carolina

Wildlife and Marine Resources Dept.,; 1990; W6463M 3.T32 no.74.

v, 50 p. : ill., map ; 28 cm. (Technical report / South Carolina Marine Resources Center ; no. 74). December, 1990. Includes bibliographical references (p. 39-44).

Language: English

Descriptors: Benthos; Marinas; Estuaries; Oyster fisheries

24

NAL Call. No.: SH370.E88

Estuarine and marine bivalve mollusk culture.

Menzel, Winston, Boca Raton, Fla. : CRC Press,; 1991. 362 p. : ill., maps ; 26 cm. Includes bibliographical references and index.

Language: English

Descriptors: Shellfish culture

25

NAL Call. No.: SH137.C64

Estudio comparado de instalaciones en acuicultura instalaciones para reproduccion : moluscos, crustaceos y peces [Comparative study of installations in aquaculture].

Coll Morales, Julio

Madrid : Ministerio de Agricultura, Pesca y Alimentacion,; 1989. 127 p. : ill. (some col.), maps ; 24 cm. (Monografias). Includes bibliographical references (p. 127).

Language: Spanish

Descriptors: Aquacultural engineering; Mollusks; Crustacea; Fishes

26

NAL Call. No.: SH400.5.C53S73

Evaluation of low turbidity mechanical shellfish harvester.

Vaughan, David E.

Florida, Dept. of Agriculture and Consumer Services, Division of Marketing, Aquaculture Market Development Aid Program (Fla.) Tallahassee, Fla. : Florida Dept. of Agriculture and Consumer Services, Division of Marketing : Available from Aquaculture Program,; 1989. [12], 12 p. : ill. ; 28 cm. (Aquaculture report series). At head of title: Florida Aquaculture Market Development Aid Program. "Funds for this project were made available through the Aquaculture Market Development Aid Program 1988-1989"--Cover. This contract was performed by Indian River Clam Growers Association-John N. Stewart AMDAP and Harbor Branch Oceanographic [sic] Institute-Dave Vaughan Ph.D. from 10-88 through 11-89. December 14, 1989. AMDAP contract number 88-100011 ... performed ... from 10-88 through 11-89.

Language: English

Descriptors: Shellfish fisheries; Shellfish gathering; Dredges; Turbidity

27

NAL Call. No.: 290.9 AM32P

Factors affecting oyster bed fluidization.

Wang, J.K.; Jakob, G.S.

St. Joseph, Mich. : The Society; 1990. Paper - American Society of Agricultural Engineers (90-7032): 14 p.; 1990. Paper presented at the "1990 International Summer Meeting" sponsored by the American Society of Agricultural Engineers, June 24-27, Columbus, OH. Includes references.

Language: English

Descriptors: Oyster culture; Fluidized beds

28

NAL Call. No.: SH370.Q82

Farming bivalve molluscs methods for study and development.

Quayle, D. B.; Newkirk, G. F.

World Aquaculture Society, International Development Research Centre (Canada) Baton Rouge, LA : World Aquaculture Society in association with the International Development Research Centre,; 1989. ix, 294 p. : ill. ; 24 cm. (Advances in world aquaculture ; v. 1). Includes bibliographical references (p. 269-279) and index.

Language: English

Descriptors: Shellfish culture; Bivalvia

29

NAL Call. No.: SH373.2.U5V38

Field grow-out techniques and technology transfer for the hard clam, *Mercenaria mercenaria*. Vaughan, David E.; Creswell, R. LeRoy Florida, Dept. of Agriculture and Consumer Services, Division of Marketing, Aquaculture Market Development Aid Program (Fla.) Tallahassee, Fla. : Florida Dept. of Agriculture and Consumer Services, Division of Marketing : Available from Aquaculture Program, [1989?]; 1989. 15, [10] p. : ill. ; 28 cm. (Aquaculture report series). "Funds for this project were made available through the Aquaculture Market Development Aid Program 1988-1989."--Cover. At head of title: Aquaculture Market Development Aid Program (AMDAP), 1988-1989, final report: contract no. 00030.". Bibliography: p. 14.

Language: English

Descriptors: Quahogs; Clam culture; Technology transfer

30

NAL Call. No.: Videocassette no.782

Giant clam farming the video.

Micronesian Mariculture Demonstration Center Koror?, Palau : The Center, [1989?]; 1989. 1 videocassette (15 min.) : sd., col. ; 1/2 in. VHS. Funded by the Pacific Fisheries Development Foundation.

Language: English

Descriptors: Tridacnidae; Shellfish culture; Palau

31

NAL Call. No.: QL426.I4S83

Handbook, freshwater molluscs of India.. Freshwater molluscs of India Subba Rao, N. V. Zoological Survey of India Calcutta : Zoological Survey of India,; 1989. xxiii, 289 p., [71] p. of plates : ill. (some col.) ; 25 cm. Includes indexes. Includes bibliographical references (p. 233-275).

Language: English

Descriptors: Mollusks; Freshwater invertebrates

32

NAL Call. No.: SH371.A63

Hatchery manual for producing triploid oysters.

Allen, Standish K.; Downing, Sandra L.; Chew, Kenneth K. Seattle, Wash. : Washington Sea Grant Program : Distributed by University of Washington Press,; 1989. 27 p. : ill. ; 28 cm. WSG 89-3. "Research on oyster polyploidy was supported by grants from the National Oceanic and Atmospheric Administration to the Washington Sea Grant Program at the University of Washington: grants NA81AA-D-00030 (project R/A-39); NA84AA-D-00011 (project R/A-44); and NA86AA-D-SG044 (projects R/A-44 and R/A-52). Publication of the manual was supported by NOAA grant NA86AA-D-SG044 (project A/PC-5).--T.p. verso. Bibliography: p. 26-27.

Language: English

Descriptors: Oyster-culture; Handbooks, manuals, etc

33

NAL Call. No.: QL430.6.F67 1991

Intertidal bivalves a guide to the common marine bivalves of Alaska.

Foster, Nora Rakestraw

Fairbanks : University of Alaska Press,; 1991. ix, 152 p. : ill., map ; 29 cm. Includes bibliographical references (p. 145-147) and index.

Language: English; English

Descriptors: Bivalvia; Intertidal fauna

34

NAL Call. No.: KF27.M474 1991

Introduction of non-indigenous species into existing ecosystems hearing before the Subcommittee on Oversight and Investigations of the Committee on Merchant Marine and Fisheries, House of Representatives, One Hundred Second Congress, first session, on the introduction of non-indigenous species into existing ecosystems, the problems that are caused, and any solutions possible, with the zebra mussel as an example. United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Oversight and Investigations Washington : U.S. G.P.O. : For sale by the U.S. G.P.O., Supt. of Docs., Congressional Sales Office,; 1991; Y 4.M 53:102-28. iii, 89 p. ; 24 cm. Distributed to some depository libraries in microfiche. Shipping list no.: 91-742-P. July 12, 1991--Trenton, NJ. Serial no. 102-28. Includes bibliographical references.

Language: English

Descriptors: Animal introduction; Biotic communities; Marine fouling organisms; Zebra mussel

35

NAL Call. No.: SH372.2.C3I5

An introduction to scallop farming.. Scallops

Swann, Carol

Kevgor Aquasystems

Vancouver, B.C. : Kevgor Aquasystems,; 1989. 56 p. : ill. ; 28 cm. On cover: Scallops. Includes bibliographical references (p. 55).

Language: English

Descriptors: Scallop culture

36

NAL Call. No.: QH91.A1F65 no.104

Investing in commercial hard clam culture a comprehensive guide to the South Atlantic states.

Adams, Charles

Gainesville, Fla. : Florida Sea Grant College Program; 1991. xii, 128 p. : ill. (some col.) ; 28 cm. (Sea grant report (Gainesville, Fla.) no. 104.). February 1991. Florida Sea Grant College Program project no. NCRI-1, grant no. NA89AA-D-SG053; National Coastal Resources Research and Development Institute grant no. 2-5618-32. Includes bibliographical references (p. 70-72).

Language: English; English

Descriptors: Clam culture

37

NAL Call. No.: 442.8 AM3

Maintenance of heterozygosity during selective breeding of oysters for resistance to MSX disease.

Vrijenhoek, R.C.; Ford, S.E.; Haskin, H.H.
New York, N.Y. : Oxford University Press; 1990 Nov. The Journal
of heredity v. 81 (6): p. 418-423; 1990 Nov. Includes
references.

Language: English

Descriptors: Crassostrea virginica; Strains; Haplosporidium
nelsoni; Protozoal infections; Genetic resistance;
Heterozygosity; Rare alleles; Selective breeding; Alloenzymes;
Strain differences

Abstract: Allozyme variation was examined in five strains of
oysters (*Crassostrea virginica*) that had been subjected to
several generations of intense selection for resistance to the
protozoan parasite *Haplosporidium nelsoni* (MSX). Pedigree records
permitted us to estimate expected levels of heterozygosity for
the selected strains and to compare the observed levels of
heterozygosity with those in geographically related wild stocks.
In all five strains, mean heterozygosity across six highly
polymorphic gene loci was not lost at the rate predicted by the
inbreeding model. However, significant losses of rare alleles
occurred in each strain, allowing us to exclude contamination of
the selected strains by wild oysters. Both selective and
nonselective explanations for the maintenance of heterozygosity
in these oysters are discussed.

38

NAL Call. No.: 290.9 AM32P

Managing algae and suspended solids in shrimp-oyster joint
production.

Robichaux, D.M.; Wang, J.K.

St. Joseph, Mich. : The Society; 1989. Paper - American Society
of Agricultural Engineers (89-7525): 12 p.; 1989. Paper presented
at the "1989 International Winter Meeting sponsored by The
American Society of Agricultural Engineers," December 12-15,
1989, New Orleans, Louisiana. Includes references.

Language: English

Descriptors: Shrimps; Oysters; Nitrogen; Equipment

39

NAL Call. No.: SH365.F6C73 1990

Manual for the cultivation of the American oyster, *Crassostrea*
virginica, in Florida.. Preparation of a manual for the
cultivation of the American oyster

Creswell, LeRoy; Vaughan, David; Sturmer, Leslie
Aquaculture Market Development Aid Program (Fla.), Florida, Dept.
of Agriculture and Consumer Services, Division of Marketing
Tallahassee, Fla.? : The Division? : Available from Aquaculture
Program,; 1990. 49 p. : ill. ; 28 cm. (Aquaculture report
series). Cover title: Preparation of a manual for the
cultivation of the American oyster. December 1990. "Funds for
this project were made available through the Aquaculture Market
Development Aid Program"--Cover. Includes bibliographical
references (p. 32-36).

Language: English

Descriptors: Oyster culture; American oyster

40

NAL Call. No.: SH373.2.F6H37 1988

Manual for the design and operation of a low budget hatchery for the hard clam *Mercenaria mercenaria* in Florida.

Hartman, Michael C.

Florida, Dept. of Agriculture and Consumer Services, Division of Marketing, Aquaculture Market Development Aid Program (Fla.) Tallahassee, Fla. : Florida Dept. of Agriculture and Consumer Services, Division of Marketing : available from Aquaculture Program,; 1989. [28] p. : ill. ; 28 cm. (Aquaculture report series). Funds for this project were made available through the Aquaculture Market Development Aid Program 1987-88.

Bibliography: p. [27]-[28].

Language: English

Descriptors: Quahogs; Clam culture

41

NAL Call. No.: QL255.M29

The Marine fauna of the British Isles and North-West Europe.

Hayward, P. J. S.; Ryland, J. S.

Oxford : Clarendon Press ; New York : Oxford University Press,; 1990. 2 v. : ill. ; 29 cm. Includes bibliographical references and indexes.

Language: English

Descriptors: Marine fauna

42

NAL Call. No.: SH372.52.S7D87 1990

El mejillon biologia, cultivo y comercializacion [Mussels].

Duran Neira, Carlos; Acuna Castroviejo, Rosina; Santiago Caamano, Javier

La Coruna [Spain] : Fundacion Caixa Galicia, [1990?]; 1990. 183 p. : col. ill., maps (some col.) ; 28 cm. (Serie Estudios sectoriales ; 5). "Centro de Investigaciones Submarinas"--Cover.

Language: Spanish

Descriptors: Mussels; Mussel culture

43

NAL Call. No.: QL638.99.L66

Mejora genetica de peces y moluscos [Genetic improvement of fish and mollusks].

Lopez-Fanjul, Carlos; Toro, Miguel Angel

Madrid : Ediciones Mundi-Prensa,; 1990. 110 p. ; 19 cm.

(Agroguias Mundi-Prensa). Includes bibliographical references (p. [101]-110).

Language: Spanish

Descriptors: Fishes; Genetics; Mollusks; Genetics

44

NAL Call. No.: SH372.52.S68M5

Mitilidy Chernogo moria [Mussels of the Black Sea].

Zaika, Viktor Evgen'evich

Kiev : Naukova dumka,; 1990. 205 p. : ill. ; 20 cm. Table of contents also in English. Includes bibliographical references (p. 188-[201]).

Language: Russian

Descriptors: Mussels

45

NAL Call. No.: SH179.S5E44

Mollusc diseases guide for the shellfish farmer.

Elston, R. A.

Washington Sea Grant Program

Seattle, Wash. : Washington Sea Grant : Distributed by University of Washington Press,; 1990. ix, 73 p. : ill. ; 24 cm. Includes bibliographical references.

Language: English

Descriptors: Mollusks; Bivalvia

46

NAL Call. No.: RA602.S6M65

Molluscan shellfish depuration.

Otwell, W. Steven; Rodrick, Gary Eugene, _1943-; Martin, Roy E.

International Molluscan Shellfish Depuration Conference 1st :

1989 : Orlando, Fla. Boca Raton, Fla. : CRC Press,; 1991. 384 p.

: ill. ; 26 cm. "Based, in part, on the proceedings of the First

International Molluscan Shellfish Depuration Conference, held

November 5-8, 1989 in Orlando, Florida"--Foreword. Includes

bibliographical references and index.

Language: English

Descriptors: Shellfish fisheries

47

NAL Call. No.: SH365.A1M64

Mollusk farming USA.

San Diego, CA : Aquaculture Digest, [1989-; 1989-9999.

Mollusk farming USA. v. : ill. ; 22 cm; 1989-9999. A bimonthly

report on clam, mussel, and oyster farming. Description based

on: Vol. 15, no. 2 (Feb. 1990); title from cover.

Language: English; English

Descriptors: Shellfish culture; United States; Periodicals;

Mollusk; United States; Periodicals; Clam fisheries; United

States; Periodicals; Mussel fisheries; United States;

Periodicals; Oyster fisheries; United States; Periodicals; Clam

culture; United States; Periodicals; Mussel culture; United

States; Periodicals; Oyster culture; United States; Periodicals

48

NAL Call. No.: SH370.B3

Moluscos tecnologia de cultivo [Mollusks].

Bautista Parejo, Carmen

Madrid : Ediciones Mundi-Prensa,; 1989. 167 p. : ill. ; 22 cm.

Language: Spanish

Descriptors: Shellfish culture; Mollusks; Mariculture

49

NAL Call. No.: 410 J827

Muskrat predation on endangered freshwater mussels in Virginia.

Neves, R.J.; Odom, M.C.

Bethesda, Md. : Wildlife Society; 1989 Oct. Journal of wildlife

management v. 53 (4): p. 934-941; 1989 Oct. Includes references.

Language: English

Descriptors: Virginia; Freshwater molluscs; Mussels; Endangered

species; Predation; Muskrats; Ondatra zibethica; Rivers; Natural

resources

50

NAL Call. No.: 389.8 F7322

Nutrients in wild and farmed fish and shellfish.

Nettleton, J.A.; Exler, J.

Chicago, Ill. : The Institute; 1992 Mar. Journal of food science : an official publication of the Institute of Food Technologists v. 57 (2): p. 257-260; 1992 Mar. Includes references.

Language: English

Descriptors: Ictalurus punctatus; Trout; Salmon; Crayfish; Oysters; Nutrient content; Vitamins; Food composition; Aquaculture Abstract: Wild and cultivated channel catfish, rainbow trout, coho salmon, red swamp crayfish, white river crayfish and Eastern oysters were analyzed raw and cooked for proximate composition and ten vitamins. Cultivated catfish had 5 and salmon 2 1/2 times more fat than their wild counterparts. In all other species wild and cultivated samples had similar in wild and cultivated samples. Vitamin B12 in 100g met or exceeded the 1989 Recommended Dietary Allowance (RDA) for adults of 2 mg/day in all species. Other B vitamins seldom exceeded 10% of the RDA except for niacin in finfish. Vitamin A, ascorbic acid and folic acid levels were negligible.

51

NAL Call. No.: QH547.I55

Occurrence of a turbellarian from Australian tridacnid clams.

Goggin, C.L.; Cannon, L.R.G.

Oxford : Pergamon Press; 1989 May. International journal for parasitology v. 19 (3): p. 345-346. ill; 1989 May. Includes references.

Language: English

Descriptors: Queensland; Clams; Gills; Infection; Platyhelminthes; Histopathology

52

NAL Call. No.: QP141.A1N83

Oil supplementation of algal diets for Sydney rock oyster *Saccostrea commercialis* larvae.

Numaguchi, K.; Nell, J.A.

Murdoch : The Society; 1989 Dec. Proceedings of the Nutrition Society of Australia v. 14: p. 149; 1989 Dec. Includes references.

Language: English

Descriptors: Oils; Supplements; Polyenoic fatty acids; Growth rate; Oysters

53

NAL Call. No.: 100 OR3OR

Oregon's oyster?.

Gentle, T.

Corvallis, Or. : The Station; 1991.

Oregon's agricultural progress - Oregon Agricultural Experiment Station v. 37/38 (4/1): p. 34-38; 1991.

Language: English

Descriptors: Oregon; Oysters; Aquaculture

54

NAL Call. No.: SH365.A3P5

A Plan addressing the restoration of the American oyster industry. Virginia Sea Grant College Program, National Sea Grant College Program (U.S.)

Charlottesville, VA : Virginia Sea Grant College Program, University of Virginia,; 1990. 64 leaves ; 28 cm. (Sea grant publication (Virginia Sea Grant College Program) ; VSG 90-02.). March, 1990.

Language: English

Descriptors: Oyster-culture; United States

55

NAL Call. No.: SH101.I7W5

Ponds, passes and parcs aquaculture in Victorian Ireland.

Wilkins, Noel P.

Sandy Cove, Ireland : Glendale,; 1989. 352 p. : ill. ; 24 cm. Includes bibliographical references (p. 318-337).

Language: English

Descriptors: Aquaculture; Ireland; History; Salmon industry; Ireland; History; Oyster fisheries; Ireland; History

56

NAL Call. No.: RA1270.P35A1

Possible effect of sedimentary phosphorus on the accumulation of lead in *Mytilus edulis*.

Bourgoin, B.P.; Risk, M.J.; Aitken, A.E.

New York, N.Y. : Springer-Verlag; 1989 Oct. Bulletin of environmental contamination and toxicology v. 43 (4): p. 635-640. maps; 1989 Oct. Includes references.

Language: English

Descriptors: Mytilus; Phosphorus; Lead; Anthropogenic horizons; Sediment pollution

57

NAL Call. No.: HD1751.A1S73

Preliminary financial feasibility analysis for hard clam mariculture systems.

Adams, C.; Pomeroy, B.

Gainesville, Fla. : The Department; 1990 Feb. Staff paper - University of Florida, Food and Resource Economics Department, Institute of Food and Agricultural Sciences (381): 69 p.; 1990 Feb. Paper presented at the Third Workshop of Shellfish Farmers Association, Harbor Branch Oceanographic Institute, February 16-17, 1990, Fort Pierce, Florida.

Language: English

Descriptors: South eastern states of U.S.A.; Mercenaria; Mollusc culture; Marine fisheries; Financial planning; Feasibility studies

58

NAL Call. No.: 290.9 AM32T

Preliminary investigation of an oyster-shrimp joint production system.

Wang, J.K.; Lam, C.Y.; Jakob, G.S.

St. Joseph, Mich. : American Society of Agricultural Engineers; 1990 May. Transactions of the ASAE v. 33 (3): p. 975-980; 1990 May. Includes references.

Language: English
Descriptors: Hawaii; Oyster culture; Shrimp culture;
Aquaculture; Engineering; Water quality; Waste water; Effluents

59 NAL Call. No.: HD1751.A1S73
Preliminary production budgets for oyster aquaculture using a flexible belt system.
Thunberg, E.; Weldon, R.; Adams, C.
Gainesville, Fla. : The Department; 1990 Feb. Staff paper - University of Florida, Food and Resource Economics Department, Institute of Food and Agricultural Sciences (380): 29 p.; 1990 Feb. Paper presented at the Third Workshop of Shellfish Farmers Association, Harbor Branch Oceanographic Institute, February 16-17, 1990, Fort Pierce, Florida. Includes references.
Language: English
Descriptors: South eastern states of U.S.A.; Maryland; Virginia; Oyster culture; Cultural methods; Farming systems; Farm budgeting; Production costs

60 NAL Call. No.: QL336.Z6
The prevalence of Proctoeces (Trematoda: Fellodistomidae) metacercarial infections in the brown mussel *Perna perna* (Bivalvia: Mytilidae) around the southern African coast.
Lasiak, T.
Pretoria, Republic of South Africa : Bureau for Scientific Publications; 1989 Jul. South African journal of zoology; Suid-Afrikaanse tydskrif vir dierkunde v. 24 (3): p. 178-186; 1989 Jul. Includes references.
Language: English
Descriptors: Southern Africa; Mussels; Sex; Infection; Metacercariae; Trematoda; Seasonal variation; Coastal areas; Geographical distribution

61 NAL Call. No.: SH372.A8 1988
Proceedings of the Australasian Scallop Workshop.
Dredge, M. C. L._1947-; Zacharin, W. F._1959-; Joll, L. M.
Australasian Scallop Workshop 1988 : Tarooma, Tas. Hobart, Australia : Tasmanian Government Printer,; 1989. iv, 290 p. : ill., maps ; 30 cm. Includes bibliographical references.
Language: English
Descriptors: Scallops; Australasia; Congresses; Scallop fisheries; Australasia; Congresses; Scallop culture; Australasia; Congresses

62 NAL Call. No.: SH370.P76 1990
Production of aquatic animals crustaceans, molluscs, amphibians, and reptiles.
Nash, C. E.
Amsterdam ; New York : Elsevier Science,; 1991. xii, 244 p. : ill. ; 30 cm. (World animal science. C, Production-system approach ; 4.). Includes bibliographical references and index.
Language: English
Descriptors: Shellfish culture; Amphibian culture; Reptile

culture; Aquaculture

63

NAL Call. No.: SH367.I4A42

Production of cultured pearls.

Alagarswami, K.

New Delhi : Publications and Information Division, Indian Council of Agricultural Research,; 1991. vi, 112 p. : ill., maps ; 24 cm. Includes bibliographical references (p. [104]-108).

Language: English

Descriptors: Oyster culture; Pearl industry and trade; Culture pearls

64

NAL Call. No.: SH370.R46

Remote setting and nursery culture for shellfish growers workshop record, February 19, 1991, Olympia, Washington. Nosh, Terry Y.; Chew, Kenneth K. Washington Sea Grant Marine Advisory Services Seattle : Washington Sea Grant Program, University of Washington,; 1991. 68 p. : ill. ; 24 cm. Includes bibliographical references.

Language: English

Descriptors: Shellfish culture

65

NAL Call. No.: QL430.7.O9K86 1992

Report of the Kumamoto Brood Stock Workshop, January 24, 1992, Oregon State University, Portland, Oregon. Hedgecock, Dennis; Robinson, Anja M. Oregon State University, Sea Grant College Program Kumamoto Brood Stock Workshop 1992 : Oregon State University. Portland, Or. : Oregon Sea Grant, 1992?; 1992. 15 p. : ill., map ; 28 cm. (ORES-U ; 92-002). Includes bibliographical references (p. 10-11).

Language: English

Descriptors: Crassostrea

66

NAL Call. No.: SH151.S62

Report on a market survey of giant clam products in selected countries.

Shang, Y.C.; Tisdell, C.; Leung, P.S.

Stoneville, Miss. : Southern Regional Aquaculture Center; 1990. SRAC publication (107): 28 p.; 1990. Includes references.

Language: English

Descriptors: Japan; Taiwan; Hong kong; Australia; U.S.A.; Clams; Market surveys; Fish products

67

NAL Call. No.: HD9472.C52S52 1990

Report on a market survey of giant clam products in selected countries.

Shang, Yung-Cheng,; Tisdell, C. A.; Leung, PingSun, Center for Tropical and Subtropical Aquaculture

Waimanalo : Hawaii : The Center,; 1990. 24 p. ; 28 cm.

(Publication (Center for Tropical and Subtropical Aquaculture) ; no. 107.). Includes bibliographical references (p. 23-24).

Language: English

Descriptors: Tridacnidae; Clam culture

68

NAL Call. No.: S541.5.V8B8 no.90-5

Reversing the decline of private oyster planting in the Chesapeake Bay an evaluation of policy strategies.

Bosch, Darrell J.; Shabman, Leonard A.

Blacksburg, Va. : Virginia Agricultural Experiment Station, Virginia Polytechnic Institute and State University,; 1990. vii, 62 p. : ill., map ; 23 cm. (A Virginia sea grant publication ; publication no. VSG-90-03; Bulletin (Virginia Agricultural Experiment Station : 1981) ; 90-5.). Includes bibliographical references (p. 58-62).

Language: English

Descriptors: Oyster culture; Oyster fisheries; Oysters; Oyster-culture

69

NAL Call. No.: SH372.H3

Scallop farming.

Hardy, David, Oxford : Fishing News Books,; 1991. x, 237 p. : ill., map ; 25 cm. Includes bibliographical references (p. 231-232) and index.

Language: English

Descriptors: Scallops

70

NAL Call. No.: SH1.D43 v.21

Scallops biology, ecology, and aquaculture.

Shumway, Sandra E.

Amsterdam ; New York : Elsevier,; 1991. xx, 1095 p. : ill. (1 col.) ; 25 cm. (Developments in aquaculture and fisheries science ; 21). Includes bibliographical references and index.

Language: English

Descriptors: Scallop culture; Scallop fisheries; Scallops; Scallops

71

NAL Call. No.: Z5973.09S5

A select bibliography on the biology, ecology and culture of pearl oysters = Bibliographie selective sur la biologie, l'ecologie et la culture des huitres perlieres.. Bibliographie selective sur la biologie, l'ecologie et la culture des huitres perlieres Pearl oyster bibliography Sims, Neil Anthony Noumea, New Caledonia : Fisheries Information Project, South Pacific Commission,; 1990. iii, 24 p. ; 30 cm. English and French. Running title: Pearl oyster bibliography = Bibliographie des huitres perlieres.

Language: English; French

Descriptors: Oyster-culture; Pearl-fisheries

72

NAL Call. No.: Z5973.S45S45 1989

A Selected bibliography of scallop literature Supplement 1.

Townsend, Lawrence D.,_1907-; Hodgson, C. A.

Nanaimo, B.C. : Dept. of Fisheries and Oceans, Biological Sciences Branch, Pacific Biological Station,; 1989. iii, 87 p. ;

28 cm. (Canadian manuscript report of fisheries and aquatic sciences ; no. 2031). October 1989. "An update of Hodgson et al (1988)"--P. [1]. Abstract also in French. Includes indexes.
Language: English
Descriptors: Scallop culture

73 NAL Call. No.: SH370.D67
Shellfish a guide to oysters, mussels, scallops, clams, and similar products for the commercial user.
Dore, Ian,
New York : Van Nostrand Reinhold,; 1991. xiv, 240 p. : ill. ; 26 cm. "An Osprey book"--T.p. verso. Includes bibliographical references (p. [225]-234) and index.
Language: English
Descriptors: Shellfish; Shellfish culture; Shellfish fisheries; Shellfish; Shellfish trade

74 NAL Call. No.: 280.8 J822
Simulation modeling to set priorities for research on oyster production.
Bosch, D.J.; Shabman, L.A.
Ames, Iowa : American Agricultural Economics Association; 1990 May. American journal of agricultural economics v. 72 (2): p. 371-381; 1990 May. Includes references.
Language: English
Descriptors: Virginia; Oysters; Haplosporidiidae; Production possibilities; Planning of research; Simulation models; Returns; Economic analysis

Abstract: Private oyster production in Virginia has declined significantly because of factors including losses from MSX (*Haplosporidium nelsoni*). Increased state and federal funding is being proposed to support research to stimulate oyster productivity. A model of oyster production under uncertainty, including growth, disease, and economic components, is used to aid in setting research priorities. The model shows effects of different types of research information on returns to a representative oyster planting enterprise. Seed harvest technology and accurate knowledge of the salinity threshold at which MSX mortalities occur are found to have greatest promise for increasing profitability of oyster production.

75 NAL Call. No.: QH540.U562 no.82(11.102)
Species profiles life histories and environmental requirements of coastal fishes and invertebrates (North and Mid-Atlantic) : blue mussel.. Life histories and environmental requirements of coastal fishes and invertebrates (North and Mid-Atlantic): blue mussel Blue mussel
Newell, Roger I. E.
U.S. Army Engineer Waterways Experiment Station, Coastal Ecology Group, National Wetlands Research Center (U.S.) Vicksburg, MS : Coastal Ecology Group, Waterways Experiment Station, U.S. Army Corps of Engineer ; Washington, DC : U.S. Dept. of the Interior, Fish and Wildlife Service, Research and Development, National

Wetlands Research Center,; 1989. vi, 25 p. : ill. ; 28 cm.
(Biological report ; 82(11.102)). June 1989. TR EL-82-4.
Includes bibliographical references (p. 21-25).
Language: English
Descriptors: Mytilus edulis; Atlantic Ocean; Mytilus edulis;
United States; Atlantic Coast; Coastal ecology; United States

76 NAL Call. No.: QH540.U562 no.82(11.89)
Species profiles life histories and environmental requirements of
coastal fishes and invertebrates (Pacific Northwest) : Pacific
razor clam.. Life histories and environmental requirements of
coastal fishes and invertebrates (Pacific Northwest), Pacific
razor clam Pacific razor clam Lassuy, Dennis R.; Simons, Douglas
U.S. Army Engineer Waterways Experiment Station, Coastal Ecology
Group, National Wetlands Research Center (U.S.) Washington, DC :
The Center ; Vicksburg, MS : The Group,; 1989; I 49.89/2:82
(11.89). vi, 16 p. : ill., 1 map ; 28 cm. (Biological report ;
82(11.89)). January 1989. TR1EL-82-4. Bibliography: p. 15-16.
Language: English; English
Descriptors: Razor-clams; Pacific Coast (U.S.); Clams; Pacific
Coast (U.S.); Solenidae; Pacific Coast (U.S.); Coastal ecology;
Pacific Coast (U.S.)

77 NAL Call. No.: QL430.2.S66
Squid as experimental animals.
Gilbert, Daniel L.; Adelman, William J., 1928-; Arnold, John M.
New York : Plenum Press,; 1990. xxxi, 516 p. : ill. ; 26 cm.
Includes bibliographical references and index.
Language: English
Descriptors: Squids as laboratory animals; Nervous system;
Mollusks; Squids; Cytology; Animal welfare

78 NAL Call. No.: 442.9 IL62 no.137
A survey of the freshwater mussels (Bivalvia: Unionidae) of the
Sangamon River Basin, Illinois.
Schanzle, Robert W.; Cummings, Kevin S.
Champaign, Ill. : Illinois Natural History Survey,; 1991. 25 p. :
ill., maps ; 28 cm. (Illinois Natural History Survey biological
notes, 137). Cover title. July 1991. Includes bibliographical
references (p. 17-19).
Language: English
Descriptors: Freshwater mussels

79 NAL Call. No.: SH159.C5 1989
Tan shui tung wu yang chih [Raising and breeding freshwater
aquatic animals]., Ti 1 pan..
Chao, Shu-yang
Pei-ching : K'o hsueh ch'u pan she,; 1989. 1, 108 p. : ill. ; 19
cm. (Nung ts'un shih yung k'o hsueh chi shu hsiao ts'ung shu).
Language: Chinese
Descriptors: Fishes, Fresh-water; Turtles; Frogs; Clams

80

NAL Call. No.:

Videocassette no.1047

Triploid oyster production University of Washington, School of Fisheries and Washington Sea Grant ; produced and written by Richard Strickland and Sandra Downing.. Hatchery manual for producing triploid oysters Downing, Sandra L.; Strickland, Richard Washington Sea Grant Program, University of Washington, School of Fisheries Seattle, Wash.? : Washington Sea Grant Program,; 1989. 1 videocassette (38 min.) : sd., col. ; 1/2 in. Related to "Hatchery manual for producing triploid oysters" by Standish K. Allen, Jr.; Sandra L. Downing, and Kenneth K. Chew. "T60-892; 396999; 06/27/89"--Spine label of cassette.

Language: English

Descriptors: Oyster-culture; Polyploidy

Abstract: Discusses the background of polyploidy research, explains the 10 steps of producing triploid oysters using cytochalasin B and how to recognize the difference between triploid and diploid oysters and the commercial importance of the type of oyster.

81

NAL Call. No.: 1.98 AG84

Watching cholesterol--in worms and oysters.

De Quattro, J.

Washington, D.C. : The Service; 1992 Jan. Agricultural research - U.S. Department of Agriculture, Agricultural Research Service v. 40 (1): p. 27; 1992 Jan.

Language: English

Descriptors: Sterols; Nematoda; Ostreidae; Nutrient requirements

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NOTE: Indices unavailable for this Quick Bibliography

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For further information:

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Web Policies and Important Links, <http://www.nal.usda.gov/web-policies-and-important-links>