The First NPAFC Workshop on

Developing a Mechanistic Understanding of the Impact of a Changing Climate on Salmon Abundance and Distribution Trends

June 4–5, 2024
Blackcomb/Cypress/Grouse Room
Vancouver Airport Marriott Hotel
7571 Westminster Highway
Richmond, BC, V6X 1A3
Canada

Hybrid Workshop
Questions? e-mail secretariat@npafc.org
or call 1-604-775-5550

This guidelines document has two sections. The first section, *Guidelines for Presenters*, contains guidelines for oral, virtual, pre-recorded, and poster presentations. The second section, *Guidelines for Extended Abstracts*, provides detailed instructions on abstract formatting (with examples). Both sections include submission information relevant to this workshop's deadlines.

Guidelines for Presenters

1. General Information for Presenters

- All presentations must be conducted in English. Interpretation services will NOT be provided.
- Only authors of a paper are eligible to make a presentation at the workshop. If author(s) cannot make the presentation, (one of) the author(s) needs to notify the Secretariat to obtain approval for a substitution.
- Promptly notify the NPAFC Secretariat if you must cancel your presentation.
- All presenters are required to register. Seating will be limited, and **early registration is strongly encouraged**.
- The duration of presentations is 18 minutes—**15 minutes for the presentation and 3 minutes for questions/discussion**.
- All presenters (oral, virtual, pre-recorded and poster) are expected to submit extended abstracts. Extended abstracts will be published as an NPAFC Technical Report (available online only).

2. Information for Oral Presenters

- A projector and laptop will be available for presentations. Only MS PowerPoint or .pdf files will be supported at the meeting. Mac users should convert and test their presentations on a PC before arriving at the workshop.
- Have your presentation saved on a USB memory stick and give it to the Secretariat when you arrive to register at the workshop.

- Oral presenters will be asked at the workshop for permission to place their presentation as a .pdf on the public workshop webpage either "as is" or with their specified modifications.

3. Information for Virtual Presenters and Pre-recorded Presentations

- Virtual presentations and pre-recorded presentations are to be submitted to the Secretariat **no later than May 31, 2024, 16:30 (Vancouver time)**. If the presenter expects to miss this deadline, they must contact the NPAFC Secretariat.
- Virtual presentations will be given over Zoom and presenters are strongly encouraged to be online 15 minutes before their scheduled presentation time to coordinate with organizers.
- Pre-recorded presentations must be submitted to the NPAFC Secretariat in .mp4 format.
- Pre-recorded presentations will be treated the same as virtual presentations—both will be played during a 20-minute time-slot at the workshop. After the presentation has concluded, presenters are expected to be present virtually to answer any questions.
- Presenters will be asked for permission to place their presentations as a pdf or video recording on the public workshop webpage. Please be prepared to provide a pdf version of your presentation to the NPAFC Secretariat.

4. Information for Poster Presenters

- Poster presenters should send a high-resolution .pdf (finalized) version of their poster to the NPAFC Secretariat by **June 3, 2024**—unless otherwise instructed by the Secretariat. Poster presenters will be asked for permission to place this .pdf copy on the public workshop webpage.
- Physical posters are to be submitted at the registration desk during registration on **June 4, 2024**. The Secretariat will setup the posters for viewing.
- There are two poster session/coffee breaks during the workshop. Please be present to identify yourself at these times—see schedule.
- Maximum allocated size for the poster is: **110 cm (44 inches) by 91 cm (36 inches).**
- Posters should be removed by **June 5, 18:30**. Posters not removed by 18:30 may be discarded.

Guidelines for Extended Abstracts

- ✓ For examples of the appearance of extended abstracts, please consult the extended abstracts within NPAFC Technical Report 18—available at https://www.npafc.org/TR18/.
- ✓ Please send your extended abstract to the Secretariat **by June 30, 2024** (**Deadline for submission**).
- ✓ The following detailed instructions are cited from NPAFC style guide and Can. J. Fish. Aquat. Sci Instructions to Authors, revised Aug. 2007.

General Format

- Sheet size: 8.5" x 11" inches or Letter (21.59 x 27.94 cm)
- Text is in MS Word (not PDF)

- Maximum number of words=approximately 1500 (excluding title, name(s), institutes(s), address(es), keywords, and references).
- Tables and Figures Tables should be on separate pages from the text. Figures should be submitted in separate files from the text. Do not embed tables and figures into the body of the text.

Headings

- Title: Capitalize the first letter of each word, centered, bold, Times New Roman 13 pt
- Authors: First name, Middle Initial, Last Name; centered bold Times New Roman 10 pt
- Institutional address: different address footnoted to appropriate author; centered, italics, Time New Roman 10 pt
- Keywords: 3–8 eight word groupings, right justified, Times New Roman 10 pt
- First level headings: For extended abstracts, please use **REFERENCES** as the only heading: All capitals, left justified, bold (no italics), Times New Roman 10 pt.

Text

- Extended abstract should include a summary of the study: objective, method, result, and conclusion.
- Use Times New Roman 10 pt
- Line spacing is double space.
- Indent by a 0.85 centimeter at the beginning of each paragraph.
- Dates: spell-out the month; sequence of the date is day-month-year (e.g., 30 October 2004).
- Time of day, hours expressed by two digits followed by colon and then minutes in two digits, e.g., 07:00; 23:13; 10:45 a.m.
- Degree latitude and longitude: use abbreviations for latitude and longitude 38°N, 175°E, 110°W, 180°, 170°E–170°W, no spaces between characters.
- Compass directions: first letter capitalized, e.g., North, Southeast; adjectives and adverbs, first letter not capitalized, e.g., northern, northward.
- **Include two spaces after a period** and one space after a comma, colon, or semicolon.
- Italicize only for scientific and vessel names, e.g., *Arctic Harvester*, NOAA RV *Chapman*; Japanese vessel names without hyphen, "maru" in lower case, the number after the name, e.g., *Riasu maru No. 2*.
- Use metric units.
- Arithmetic signs: plus (+), minus (-), expressing values have a space before, no space between sign and number (e.g., -36°C); when denoting an arithmetic action (add, subtract) they have a space on either side (e.g., 23 + 4 = 27).
- Colons: no capital on the following word.
- Dashes: use two kinds of dashes as follows.

  Use an **em dash** (—) with no space on either side. To indicate an abrupt break in thought (use sparingly) or to isolate parenthetical matter. e.g. Multiple-scale variation in oceanographic and biological processes in the Alaskan Gyre—consequences for maturing salmon growth and carrying capacity.

Use an **en dash** (–) with no space on either side. To indicate range, e.g. April–May, 3–8°C, 8–27 September, 1980–1985, 23–45 m. Do not use a minus sign or the word "from" with an en dash, e.g. -4 to -6°C (not -4–-6°C), from page 6 to 10 (not, from page 6–10).

- Hyphen (-): use in certain compound nouns, adjectives and verbs, and to join prefixes to proper nouns; e.g. intra- or inter-specific, non-hatchery, hatchery-marked, mid-January (no hyphen, "in midwater layers", "fish were found in mid water"), odd-year fish (no hyphen, "in odd years"), high-seas fishery (no hyphen, "on the high seas").
- Measures: the numerical value and the kind of measure (kg, L) to be separated by a space [except °C, e.g., 3°C]. Abbreviations of measures are not followed by periods: kg, g, mg, µg; km, m, cm, mm, µm; °C; yr (no plural), mo (no plural), day, days (no abbrev.), min, s; L, ml.
- Numbers in text: only cardinal numbers 10 or more should be written as numerals, those < 10 [except measurement or identification numbers, e.g., 3°C, p. 3, or unless enclosed in parentheses, e.g., "the control fish (6) were…"] and ordinal numbers must be written out (e.g., "On the fourth day, six fish…"); numbers at the start of sentences must be written out (e.g., "Four thousand and fifty-six fish were…"); number of a thousand or more may be written with a comma (e.g., "2, 350 fish were…"); round number of a million or more may be written "13 million".
- Less/more-than (< 5, > 6) or equal signs (= 36) have a space on each side.
- Numbers < one must have a "0" before the decimal point, e.g., 0.05 cm.
- Percent symbol: with no space between number and symbol, e.g., 80%, 33‰.
- Probability: "p" in lower case italics, e.g., $p = 0.05$. Where the probability is not followed by a value, use upper case, no italics, e.g., "P is the significance level…".
- Rates: centimetres per gram per second, $cm \cdot g^{-1} \cdot s^{-1}$.
- Statistical abbreviations: mean, x (x (lower case) with bar over); standard deviation, SD (caps, no periods); population number, *N* (cap. ital.); sample number, *n* (lower case, ital.); correlation coefficient, *r* (lower case, ital.), R^2 (capitalized, italics), logarithm to base *e*, *Le*, or base n, *Ln*.
- *t*-test, the "t" is italicized.

Tables and Figures

- Citation in text: (Fig. 3), (Table 3)—in brackets unless part of a sentence, "Fig." abbreviated except if at start of a sentence: "Table" never abbreviated. If a fig. panel is identified, there is no space between the Fig. no. and panel letter, e.g., Fig. 3a.
- Citation in legends and captions: **Fig. 3. Table 3.** in bold (the remainder not bold). No brackets, "Fig." abbreviated, separated from remainder of legend or caption by a period.

Tables

- Tables: no vertical lines; lines at top and bottom of tables bold; continuous line (not bold) separates column headings from body of table; when a heading pertains to more than one column, i.e., there are sub-headings, a line indicates coverage of the upper heading:

Example of table layout.

First major heading		
First sub-head	Second sub-head	Second major heading

- Design the table width to fit a 1- or 2-column width (1-column: 16 cm; 2-column: 7.5 cm).
- Indicate the title of the table above the table, such as Table 1.
- Indicate table numbers in text as Table 1, Table 2, etc. Indicate table footnotes by superscript lowercase letters and type them below the table.

Figures

- Use the following graphic programs: **MS Excel or PowerPoint**
- All figures should be submitted at their final published size. Ensure that all lettering, numerals, and symbols are legible and a final published size of at least 1.5 mm.
- Design the figure width to fit a 1- or 2-column width (1-column: 16 cm; 2-column; 7.5 cm).
- Indicate the title of the figure above the figure as Fig. 1.
- Indicate figure numbers in text as Fig. 1, Fig. 2, etc. If the figure number appears at the beginning of a sentence, indicate the figure number as Figure 1, Figure 2, etc.
- If jpg format are used, please use a 300 dpi resolution.
- Use colour where it enhances the presentation and understanding of the figure. Technical Report Number 11 will be available online, so there is no additional cost for using color.

References in Text

- **For one author**: Suzuki (1980)…, or (Suzuki 1980), no comma.
- **For two authors**: Suzuki and Yamada (1980)…, or (Suzuki and Yamada 1980).
- **For more than two authors**: Suzuki et al. (1980)…, or (Suzuki et al. 1980). "et al." is with a period, not italicized, not underlined.
- **For two or more references given together**: Smith (1980, 1981), Suzuki and Yamada (1983), and Smith (1984)…, or (Smith 1980, 1981; Suzuki and Yamada 1983; Smith 1984). Note: references are listed first in order of publication date, then alphabetically by author.
- **Same author(s), same date (incl. in pres**s): add "a", "b", … after the date, e.g., (1999a, b, c; in press b) (Please note the space or lack thereof).
- **In press:** Suzuki (in press)…, or (Suzuki in press). The publication must be accepted for publication, preferably at the galley stage; if this is not the case, cite as "unpublished data" or "personal communication".
- **This volume:** same format as for "In press", e.g., Suzuki (this volume)…, or (Suzuki this volume).
- **Unpublished data by an author:** (unpublished data); where the author(s) needs (need) to be identified: (Smith unpublished data; Beacham et al. unpublished data).
- **Unpublished information from a colleague:** (J. Smith, Biol. smithj@....., personal communication) —first initial and name of colleague, E-mail address, and personal communication—all in parentheses.
- **Edited book:** (Gordon and Hourston 1993) —no need to mention [ed.] in the text.
- **Corporate author:** full spelling of name of company (with the acronym in parentheses) on first appearance, if the full spelling is given by the authors, and after that only the acronym should be used, e.g., (American Public Health Association (APHA), American Water Works Association, and Water Pollution Control Federation 1975).

References in List

- References should be listed in alphabetical order according to surnames of the first author. References with the same first author are listed in the following order.
    (1) Papers with one author only are listed first in chronological order, beginning with the earliest paper.
    (2) Papers with dual authorship follow and are listed in alphabetical order by the last name of the second author, and then chronologically.
    (3) Papers with three or more authors appear after the dual-authored papers, and are arranged chronologically.
- The objective of consistent format is to ensure that all necessary information for retrieving a work is provided as succinctly as possible; where in a particular instance modification of format would facilitate retrieval, e.g., by addition of a date, or page nos., or other specifics, modification is approved.
- Indent after the 1st line of the reference by 1 centimeter as demonstrated in the following examples.
- Follow the spacing convention between words as illustrated in the following references.
- Use DOIs wherever possible

Follow examples for citing references found in the following sources.

Journal article
Beamish, R.J., and C. Mahnken. 2001. A critical size and period hypothesis to explain natural regulation of salmon abundance and the linkage to climate and climate change. Prog. Oceanogr. 49: 423–437.

Entire issue of journal
Smith, H.D., L. Margolis, and C.C. Wood (Editors). 1987. Sockeye salmon (*Oncorhynchus nerka*) population biology and future management. Can. Spec. Publ. Fish. Aquat. Sci. No. 96. 486 pp.

Book in a series
Scott, W.B., and E.J. Crossman. 1973. Freshwater fishes of Canada. Bull. Fish. Res. Board Can. No. 184. 966 pp.

Book not in a series
Quinn, T.P. 2005. The behaviour and ecology of Pacific salmon and trout. Univ. Washington Press, Seattle. 378 pp.

Part of a book
Heard, W.R. 1991. Life history of pink salmon (*Oncorhynchus gorbuscha*). *In* Pacific salmon life histories. *Edited by* C. Groot and L. Margolis. Univ. British Columbia Press, Vancouver. pp. 119–230.

Theses
Narver, D.W. 1966. Pelagic ecology and carrying capacity of sockeye salmon in the Chignik lakes, Alaska. Ph.D. thesis, Univ. Washington, Seattle. 348 pp.

Reports
Myers, K.W., R.V. Walker, S. Fowler, and M.L. Dahlberg. 1990. Known ocean ranges of stocks of Pacific salmon and steelhead as shown by tagging experiments, 1956-1989. FRI-UW-9009. Fish. Res. Inst., Univ. Washington, Seattle. 57 pp.

Translation
Moiseev, P.A. 1956. High-seas salmon fisheries in the North Pacific. Rybnoe khozyaistvo 32 (4): 54–59. (Translated from Russian by Israel Program for Scientific Translations, Jerusalem, 1961)

NPAFC Documents

Ishida, Y., S. Ito, G. Anma, T. Meguro, H. Yamaguchi, and Y. Kajiwara. 1997. Relative abundance and fish size of Pacific salmon in the North Pacific Ocean, 1997. N. Pac. Anadr. Fish Comm. Doc. 263. 34 pp. (Available at https://npafc.org)

Publications in press

Smith, J.L. In press. (no parentheses, no quotation marks) followed by the article's title and the journal, book, etc. where it has been accepted.

Anonymous Author

Anonymous. 2004. A provisional report on the 2004 salmon season. N. Pac. Anadr. Fish Comm. Doc. 828, Rev. 1. 18 pp. (Available at https://npafc.org)

Abbreviations for Journal and Report Names in the Reference List

General rules:

- Journal names consisting of one word are spelled in full, no punctuation before the vol. no.
- Journal names ending in a complete word (not abbreviated) have no punctuation before the vol. no.
- When you include the total page no., put "pp." after the total page no. e.g., 1141 pp.
- Issue nos. are included only when each issue of a vol. starts at p. 1; in such cases the issue no. is included in parentheses, e.g., 55 (2): 13–20.
- Where an article is not in English, the language of the article will be noted after the page nos. in parentheses, e.g., 236–248. (In Russian with English abstract)
- Bulletin no. is shown with "No." and a space before the bulletin no., and page no(s). Use a "p." and a space before a single page number or with "pp." and a space before multiple page nos., e.g., No. 56. p. 25. or No. 58. pp. 37–55., except as otherwise shown the list below.

Use the following abbreviations for journal names. (Note: Journal names shown in parentheses in the list below are incorrect; direction to the correct name follows "see:".)

Acta Biotheor. 56: 27–49.

Acta Hydrobiol. Sinica 6: 607–612. (In Chinese)

Adv. Appl. Biol. 7: 251–331.

Adv. Geophys. 10: 1–82.

Adv. Mar. Biol. 23: 301–362.

Alaska Department of Fish and Game Fishery Research Bulletin No. 90–02. (Old version up to 1992)

Alaska Fish. Res. Bull. 4: 181–187. (New version from 1993)

Alaska Sea Grant Rep. AK-SG-99-01, pp. 1–21.

Am. Fish. Soc. Symp. 7: 224–231.

Am. Nat. 154: 628–651.

Ambio 29: 195–201.

Analyt. Biochem. 129: 111–119.

Animal Genetics 30: 228–229.

Anim. Behav. 76: 25–35.

Ann. Zool. Fenn. 30: 277–285.

Annu. Rev. Ecol. Syst. 15: 39–425.

Annu. Rev. Fish Dis. 5: 3–24.

Aquaculture 274: 72–79.

Aquat. Toxicol. 48: 391–402.

Atmosphere-Ocean 28: 106-139.

Auk 115: 57–66.

Biologiya Morya 17: 88–90. (In Russian)

Biol. Reprod. 79: 43–50.

Biometrics 48: 361–372.

Biotechniques 27: 1016–1030.

Bull. Am. Meteorol. Soc. 78: 1069–1079.

Bull. Eur. Assoc. Fish Pathol. 19: 70–74.

Bull. Fac. Fish., Hokkaido Univ. 26: 87–98. (In Japanese with English abstract)

Bull. Far Seas Fish. Res. Lab. 26: 21–152.

Bull. Fish. Res. Board Can. No. 184, Ottawa, Canada.

Bull. Freshwater Fish. Res. Lab. 28: 61–75. (In Japanese with English abstract)

Bull. Hokkaido Reg. Fish. Res. Lab. 29: 85–97. (In Japanese with English abstract)

Bull. Japan. Soc. Fish. Oceanogr. 31: 39–44. (In Japanese)

Bull. Japan. Soc. Sci. Fish. 37: 18–29.

Bull. Mar. Sci. 60: 1129–1157.

Bull. Nat. Res. Inst. Aquacult. 1: 7–19. (In Japanese with English abstract)

Bull. Nat. Res. Inst. Aquacult. Suppl. 2: 11–15.

Bull. Nat. Res. Inst. Far Seas Fish. 35: 1–111.

Bull. Nat. Res. Inst. Fish. Sci. 7: 1–188. (In Japanese with English abstract)

Bull. Nat. Salmon Resources Center 1: 49–60.

(Bull. NPAFC - see: N. Pac. Anadr. Fish Comm. Bull.)

Bull. Ocean Res. Inst., Univ. Tokyo 26: 29–78.

Bull. Off. Int. Epiz. 87: 517–519.

Bull. Plankton Soc. Japan 44: 21–30.

(Bull. Salmon, 4: 5–9. (In Japanese)—incomplete, do not use.)

Bull. Seikai Nat. Fish. Res. Inst. 68: 1–142.

Bull. Tohoku Nat. Fish. Res. Inst. 62: 133–139.

Calif. Coop. Oceanic Fish. Invest. Rep. No. 37: 193–200.

Calif. Fish Game, Fish. Bull. No. 152.

Can. Dep. Fish. Oceans, Can. Stock Assessment Proc. Ser. 97/15.

Can. Dep. Fish. Oceans, Can. Stock Assessment Secretariat, Res. Doc. 98/114.

Can. Dep. Fish. Oceans, Stock Status Report DO-02.

Can. J. Fish. Aquat. Sci. 46 (Suppl. 1): 134–152.

Can. J. Fish. Aquat. Sci. 51: 965–973.

Can. J. Forest Res. 26: 143–148.

Can. J. Zool. 81: 734–742.

Can. Man. Rep. Fish. Aquat. Sci. No. 2219.

Can. Sp. Pub. Fish. Aquat. Sci. No. 121. pp. 585–591.

Can. Tech. Rep. Fish. Aquat. Sci. No. 1958.

Can. Vet. J. 34: 312–313.

Can. Water Res. J. 17: 238–245.

Chem. Senses 25: 533–540.

Chemosphere 34: 1151–1166.

Chinese J. Appl. Ecol. 21: 2413-2420. (In Chinese).

Chinese J. Ecol. 17(2): 43–49. (In Chinese).

Clim. Chang. 48: 551–579.

Clim. Dynam. 16: 661–676.

Comp. Biochem. Physiol. B 73: 3–75.

Cons. Biol. 8: 882–884.

Cont. Shelf Res. 28: 1405-1415.

Dana 10: 61–85.

Deep Sea Res. 23: 559–582.

Deep-Sea Res. II 55: 1133–1138.

DFO Stock Status Report D3-14.

Dis. Aquat. Org. 40: 163–176.

Ecol. Appl. 8: S33–S36.

Ecol. Freshw. Fish 8: 181–193.

Ecol. Monogr. 49: 109–127.

Endocrinology 138: 1419–1426.

Environ. Biol. Fish. 69: 37–50.

Environ. Health Perspect 107: 349–359.

Environ. Int. 20: 67–76.

Environ. Pollut. 76: 201–210.

Environ. Toxicol. Chem. 21: 507–514.

Eos Trans. Am. Geophys. Union 85 (33): 309–316.

Evolution 32: 550–570.

FAO Fish. Ser. No. 48.

FAO Statistic. Ser. No. 134.

Fish Pathol. 33: 311-320.

Fish Physiol. Biochem. 17: 303–312.

Fish. Bull. 76: 415–423.

Fish. Manage. Ecol. 2: 171–184.

Fish Mar. Serv. Tech. Rep. No. 865.

Fish. Oceanogr. 8: 33–41.

Fish. Res. 43: 47–80.

Fish. Res. Board Can. Man. Rep. Ser. No. 1161.

Fish. Res. Board. Can. Transl. Series 1423.

Fish. Sci. 68 Sup. 1: 53–56.

Fisheries 21: 6–14.

Food Chem. Toxicol. 30: 723–729.

Gen. Comp. Endocrinol. 126: 136–143.

Genetics 89: 583–590.

(Genetica—see: Russian Journal of Genetics)

Genome Res. 11: 1262–1268.

Geophys. Res. Lett. 24.

Holarct. Ecol. 11: 60–69.

Hydrobiologica 11:143–170.

ICES CM 2001/ACFM: 15.

ICES J. Mar. Sci. 55: 67–85.

ICES Mar. Sci. Symp. 198: 542–552.

ICES Working Group Leaflet No. 3.

Int. Comm. Northwest Atl. Fish. Spec. Pub. No. 4: 31–37.

Int. North Pac. Fish. Comm. Annu. Rep. 1961: 119–124.

Int. North Pac. Fish. Comm. Bull. No. 51 (I): 5–24.

Int. Pac. Salmon Fish. Comm. Prog. Rep. No. 5.

Int. Pac. Salmon Fish. Comm. Bull. No. 19.

Int. Pac. Salmon Fish. Comm. Rep. 42. 64 pp.

Izv. TINRO 132: 27-42. (In Russian)

J. Animal Ecol. 62: 160–168.

J. Appl. Ichthyol. 13: 121–130.

J. Aquat. Animal Health 9: 132–143.

J. Biol. Chem. 226: 497–509.

J. Climate 21: 1850–1862.

J. Environ. Pathol. Toxicol. 2: 1119–1125.

J. Exp. Biol. 199: 83–91.

J. Exp. Mar. Biol. Ecol. 3: 39–50.

J. Fish Biol. 50: 181–200.

J. Fish Diseases 24: 245–248.

J. Fish. Bull. 35: 99–107.

J. Fish. Res. Board Can. 26: 2363–2394.

J. Gen. Virol. 81: 2823–2832.

J. Geophys. Res. 103: 18567–18589.

J. Great Lakes Res. 21: 286–289.

J. Hered. 72: 281–283.

(J. Ichthyol. —see: Vopr. Ichthiologii)

J. Mar. Biol. Assoc. U.K. 47: 23–31.

J. Mar. Res. 65: 715–736.

J. Mar. Sci. 54: 1200–1215.

J. Mar. Syst. 72: 145–158.

J. Mol. Evol. 58: 400–412.

J. Neurobiol. 64: 1–3.

J. Neurochem. 67: 684–691.

J. Northw. Atl. Fish. Sci. 18: 77–97.

J. Nutr. 117: 1422–1426.

J. Oceanogr. Soc. Japan. 38: 95–107.

J. Parasitol. 68: 131–133.

J. Plankton Res. 14: 937–947.

J. Phys. Oceanogr. 24: 1671–1674.

J. Shimonoseki Coll. Fish. 11: 407–538.

J. Tokyu Univ. Fish. 58: 9–16.

J. Zool. 36: 1421–1422. (In Russian)

Limnol. Oceanogr. 20: 649–653.

Mar. Biol. Annu. Rev. 26: 317–359.

Mol. Biol. Ecol. 12: 1074–1084.

Mar. Biotechnol. 4: 12–16.

Mar. Ecol. Prog. Ser. 116: 11–23.

Mar. Environ. Res. 46: 1–5.

Mar. Mammal Sci. 8: 220-239.

Mar. Pollut. Bull. 38: 109–118.

Mem. Fac. Fish. Hokkaido Univ. 44: 18-23.

Mol. Ecol. 7: 141–155

Mol. Ecol. Notes 2: 17–19

Mol. Mar. Biol. Biotech. 2: 362–370.

Mol. Phy. Evol. 1: 179–192.

N. Am. J. Fish. Manage. 2: 413–414.

(Nat. Res. Inst. Far Seas Fish. Spec. Pub.—see: Spec. Pub. Natl….)

(Nat. Res. Inst. Far Seas Fish., Shimizu, Japan, Salmon Rep. Ser.—see: Salmon Rep. Ser.)

Nat. Salmon Resources Center Newsletter 5: 3–9. (In Japanese)

Nature (London) 227: 563–565.

Nippon Suisan Gakkaishi 58: 845–851.

NOAA Tech. Memo. NMFS-AFSC No. 61.

NOAA Tech. Rep. NMFS No. 61.

N. Pac. Anadr. Fish Comm. Bull. 1: 146–162. (Available at https://npafc.org)

N. Pac. Anadr. Fish Comm. Doc. 263. 34 pp. (Available at https://npafc.org)

N. Pac. Anadr. Fish Comm. Handbook. (Available at https://npafc.org)

N. Pac. Anadr. Fish Comm. Newsletter 16: 4–5. (Available at https://npafc.org)

N. Pac. Anadr. Fish Comm. Tech. Rep. 1: 1–2. (Available at https://npafc.org)

(NPAFC Doc.—see: N. Pac. Anadr. Fish Comm. Doc.)

Nucl. Acids Res. 36: 3552–3569.

NTI VNIRO 3: 38–41. (In Russian)

Ocean Res. Inst., Univ. of Tokyo, Otsuchi Mar. Res. Cent. Rep. 8: 21–47. (In Japanese)

Oecologia 19: 75–97.

Okeanologya 23: 640–643. (In Russian with English abstract)

Ornis Scand. 18: 319–322.

Pac. Salmon Comm. Tech. Rep. 5. 36 pp.

Physiol. Ecol. Japan, Spec. Vol. 1: 605–614.

PICES Press 6 (1): 2–4.

PICES Sci. Rep. 10: 77–82.

PICES Sp. Pub. 1: 227–261.

Polar Biol. 7: 173–177.

Photochem. Photobiol. Sci. 2: 39–50.

Prelim. Transl. Bureau of Comm. Fish., Seattle, 1966.

Proc. Nat. Acad. Sci. USA 94: 9197–9201.

Proc. Roy. Soc. Lond. 267: 1717–1722.

Proc. Zoological Institute Acad. Sci. USSR 76: 46-60. (In Russian)

Prog. Fish-Cult. 15: 179–181.

Prog. Oceanogr. 49: 423–437.

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