

Quarterly Journal Article search: January-March 2026
Columbia Basin Fish & Wildlife Library

Adase, K., S. Austing, K. Offill, Q. Payton, A. F. Evans, and K. Niemela. 2026. Early release of juvenile fall-run Chinook Salmon benefit adult returns. *North American Journal of Fisheries Management* 46(1):26–39. <https://doi.org/10.1093/najfmt/vqaf099>

Species: Chinook salmon

Location: Sacramento River, California

Other Keywords: Adaptive management, hatchery management, release strategies

Anderson A. J., A. M. Claiborne, M. N. C. Litz, and L. Campbell. 2026. When did you leave home? Reconstructing juvenile life histories of coastal Washington adult coho salmon (*Oncorhynchus kisutch*) using otolith structure and chemistry. *PLoS One* 21(1):e0340362.

<https://doi.org/10.1371/journal.pone.0340362>

Species: Coho salmon

Location: Chehalis River Basin, Washington

Other Keywords: Migration timing, life history

Armstrong, K., W. C. Saunders, J. Feller, A. Van Wagenen, and B. Roper. Long-term monitoring reveals extensive variability in stream and riparian response to wildfires across the inland Pacific Northwest. *Transactions of the American Fisheries Society* 155(2):101–122

<https://doi.org/10.1093/tafafs/vnaf060>

Species: n/a

Location: Inland Pacific Northwest

Other Keywords: Riparian and stream ecology, watershed process

Arroyo-Esquivel, J., T. M. Apgar, J. T. Kelly, D. R. O'Donnell, E. E. Tracy, D. Kratville, and J. Gaeta. 2026. The impacts of hydrology on the life cycle of California white sturgeon. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-14. <https://doi.org/10.1139/cjfas-2025-0163>

Species: White sturgeon

Location: San Francisco Estuary, California

Other Keywords: Hydrology, water conditions

Atlas, W. I., M. R. Sloat, G. Knox, and M. Price. 2026. Reviewing 20 years of progress towards sustainable fisheries under Canada's Wild Salmon Policy. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-16. <https://doi.org/10.1139/cjfas-2025-0134>

Species: Pacific salmon

Location: Canada

Other Keywords: Policy implementation, conservation

Autier, V. P. 2026. Trap-and-haul facilities for managing anadromous salmonids and other species: A Pacific Northwest review. *Environmental Management* 76:97. <https://doi.org/10.1007/s00267-026-02401-8>

Species: Salmonids

Location: Pacific Northwest

Other Keywords: Migration

Baker, J. A., I. Cronshaw, J. Monaghan, A. Jaeger, H. C. Bailey, and E. Krogh. 2026. Toxicity identification evaluation techniques isolate zinc and 6PPD-Q as causes of acute lethality to rainbow trout in road runoff. *Environmental Toxicology and Chemistry* 45(1):184-194.

<https://doi.org/10.1093/etjnl/vgaf269>

Species: Rainbow trout

Location: Vancouver, British Columbia

Other Keywords: Stormwater toxicity

Bliesner, K. L., L. J. Osborne, M. J. Feden, I. A. Tattam, K. E. Fetcho, and C. E. Jordan. 2026. Adaptive monitoring and partnerships in river restoration: insights from the Middle Fork John Day River Intensively Monitored Watershed, Oregon. *Frontiers in Ecology and Evolution* 14:1719657.

<https://doi.org/10.3389/fevo.2026.1719657>

Species: Salmonids

Location: Middle Fork John Day River, Oregon

Other Keywords: Adaptive management, thermal conditions, habitat complexity

Brophy, L. S. 2026. Where have all the tidal forests gone? Mapping losses of forested and emergent tidal wetlands on the Oregon Coast, USA. *Estuarine, Coastal and Shelf Science* 328:109542.

<https://doi.org/10.1016/j.ecss.2025.109542>

Species: n/a

Location: Oregon Coast

Other Keywords: Tidal forested wetlands, land use, habitat loss

Brown, M. L., N. Ivy, M. Gonzalez, J. B. Greer, J. D. Hansen, E. Kolodziej, and J. K. McIntyre. 2026. Roadway runoff induced acute mortality in juvenile coho salmon during spring storm events. *Environmental Science & Technology* 60:(2).1723-1732. <https://doi.org/10.1021/acs.est.5c13992>

<https://doi.org/10.1021/acs.est.5c13992>

Species: Coho salmon

Location: Miller Creek, Washington

Other Keywords: Road runoff, 6PPDQ, water pollution

Burford, B. P., B. M. Lehman, K. W. Zillig, V. K. Lo, A. G. McInturf, G. T. Kwan, D. E. Cocherell, N. A. Fangué, and C. J. Michel. 2026. Linking aerobic scope to fitness in the wild reveals potential opportunities to help recover imperiled salmon populations. *Communications Biology* 9:359.

<https://doi.org/10.1038/s42003-026-09642-7>

Species: Chinook salmon

Location: Sacramento–San Joaquin River Delta, California

Other Keywords: Aerobic scope, water temperature, deoxygenation

Burgess, B. T., R. Chea, K. M. Westfall, C. L. Abbott, and J. C. Iacarella. 2026. Environmental DNA reflects differences in freshwater habitat use between two Pacific salmonids at fine temporal scales. *Environmental DNA* 8(1):e70231. <https://doi.org/10.1002/edn3.70231>

<https://doi.org/10.1002/edn3.70231>

Species: Chinook salmon, coho salmon

Location: Chehalis River, Slesse Creek, British Columbia

Other Keywords: Environmental DNA, life history

Burke, B. J., A. H. Fullerton, B. K. Wells, and J. Ohlberger. 2026. Improving salmon marine survival models with covariance map indices of sea surface temperature (CMISST) and sea surface height (CMISSTH). *Ecological Informatics* 93:103575. <https://doi.org/10.1016/j.ecoinf.2025.103575>

<https://doi.org/10.1016/j.ecoinf.2025.103575>

Species: Pacific salmon
Location: Northeast Pacific Ocean
Other Keywords: Covariance Map Index, forecasting

Campbell, M. R., A. C. Harris, Z. L. Robinson, R. L. Horn, S. R. Narum, B. Kaufman, K. Richards, and T. A. Delomas. 2026. Development of a powerful PlexSeq™ SNP panel for grandparentage studies for Snake River fall Chinook salmon. *Conservation Genetics Resources* 18:8.
<https://doi.org/10.1007/s12686-026-01415-y>

Species: Chinook salmon
Location: Snake River
Other Keywords: Hatchery-wild interactions, grandparent-grandchild inference

Christie, M. R., X. Yin, S. Bollmann, and M. S. Blouin. 2026. Heritable genetic effects caused by a single generation of captive breeding. *Evolutionary Applications* 19(3):e70213.
<https://doi.org/10.1111/eva.70213>

Species: Steelhead
Location: Hood River, Oregon
Other Keywords: Hatcheries, genetics, breeding

Connors, K., S. J. Peacock, E. Hertz, B. S. Carturan, M. Porter, K. Bryan, R. Drennan, L. Honka, E. Jones, and K. Belton. 2026. Democratizing data to support the implementation of Canada's Wild Salmon Policy. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-21.
<https://doi.org/10.1139/cjfas-2025-0250>

Species: Pacific salmon
Location: British Columbia, Canada
Other Keywords: Data governance, data visualization

Corline, N. J., M. Levinson, N. Christie, R. Peek, and C. A. Jeffres. 2026. Hydrological connection links zooplankton communities and improves juvenile Chinook salmon growth in intertidal marshes. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-14.
<https://doi.org/10.1139/cjfas-2025-0125>

Species: Chinook salmon
Location: Sacramento-San Joaquin Delta, California
Other Keywords: Productivity, meta-ecosystems

Cowan, W. R., T. E. Carlin, and M. Gard. 2026. Comparing RIVER2D and HEC-RAS hydraulic parameters generated for coho salmon and steelhead rearing flow-habitat indices in Mark West Creek, Sonoma County, California. *River Research and Applications* 42(2):340-352.
<https://doi.org/10.1002/rra.70071>

Species: Coho salmon
Location: Mark West Creek, California
Other Keywords: Water depth and velocity

Dakin Kuiper, S., J. W. Moore, R. J. Finn, N. C. Sainsbury, D. C. Whited, and T. G. Martin. 2026. Salmon watershed archetypes: a clustering of cumulative pressures and climate change. *Ecological Solutions and Evidence* 7(1):e70200. <https://doi.org/10.1002/2688-8319.70200>

Species: Pacific salmon
Location: British Columbia

Other Keywords: Spatial patterns, watershed archetypes

Das, N., S. D. Atkinson, and S. L. Hallett. 2026. The salmonid *Oncorhynchus mykiss* and bryozoan *Fredericella borealis* serve as active hosts for the North American strain of *Tetracapsuloides bryosalmonae*, the cause of proliferative kidney disease. *Journal of Parasitology* 112(2):122-132.

<https://doi.org/10.1645/25-47>

Species: Rainbow trout

Location: n/a

Other Keywords: Parasitology

Diallo, J. O., B. L. Sanderson, K. A. Barnas, J. R. Faulkner, G. T. Waltz, E. C. Winther, and J. D. Olden. 2026. Leveraging pit tag data to better understand northern pikeminnow movement in the Columbia River Basin. *Transactions of the American Fisheries Society* 155(1):34-75.

<https://doi.org/10.1093/tafafs/vnaf046>

Species: Northern pikeminnow

Location: Columbia River Basin

Other Keywords: Migration, PIT-tagging

Falcy, M. R. 2026. Refining indices of risk from salmonid hatcheries. *North American Journal of Fisheries Management* 46(1):1-8. <https://doi.org/10.1093/najfmt/vqaf110>

Species: Pacific salmon

Location: n/a

Other Keywords: Proportion of hatchery-origin spawners, metrics

Finerty, C., D. D. Heath, T. Warriner, C. A.D. Semeniuk, T. E. Pitcher, and O. P. Love. 2026. Exposure to warmer water and prenatal cortisol independently alter transcriptional plasticity during early development in Chinook salmon (*Oncorhynchus tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-15. <https://doi.org/10.1139/cjfas-2025-0053>

Species: Chinook salmon

Location: Credit River, Ontario

Other Keywords: Water temperature, prenatal cortisol

Finn, R. J. R., M. S. Adams, V. J. Tulloch, C. Service, J. Moody, J. Slade, S. Avery-Gomm, M. L. Bourbonnais, B. Penn, and T. G. Martin. 2026. Assessing cumulative effects to support Indigenous-led ecosystem-based management in salmon watersheds. *FACETS*. 11:1-17.

<https://doi.org/10.1139/facets-2025-0082>

Species: Pacific salmon

Location: British Columbia

Other Keywords: Ecosystem-based management, traditional ecological knowledge

Ford, M. J., S. T. Lindley, K. A. Barnas, A. O. Shelton, B. C. Spence, L. A. Weitkamp, D. M. Holzer, D. A. Boughton, E. E. Holmes, J. M. Myers, C. E. Jordan, H. Fish, M. Liermann, M. R. O'Farrell, N. J. Foster, G. M., M. K. Driessnack, M. Gonzalez, E. P. Kolodziej, and J. K. McIntyre. 2026. Life stage, chorion, and hatchery origin differences in the toxicity of 6PPDQ to coho salmon. *Canadian Journal of Fisheries and Aquatic Sciences*. 83:1-12 <https://doi.org/10.1139/cjfas-2025-0191>

Species: Coho salmon

Location: n/a

Other Keywords: Ecotoxicology

Forney, R. M., A. A. Wallace, B. J. Burke, C. A. Morgan, and J. A. Miller. The role of hatchery origin in early marine residence and survival of Interior Columbia River spring and summer Chinook salmon (*Oncorhynchus tshawytscha*). Canadian Journal of Fisheries and Aquatic Sciences 83:1-16

<https://doi.org/10.1139/cjfas-2025-0380>

Species: Chinook salmon

Location: Interior Columbia River

Other Keywords: Parentage-based tagging, migration timing, life history

Gaffney, L. P., E. B. Polard, L. N. Walton, C. Kraemer, Z. A. Molder, G. A. Covernton, J. Atkinson, L. Elmer, S. James, T. Negrin, M. Quindazzi, W. Duguid, and F. Juanes. 2026. Hatchery-reared coho salmon develop less otolith deformities in tanks with alternating water flow directions. Aquaculture 611:743037. <https://doi.org/10.1016/j.aquaculture.2025.743037>

Species: Coho salmon

Location: n/a

Other Keywords: Environmental enrichment, fish welfare

Gard, M. 2025. Evaluating upstream fish passage in sand bed channels. River Research and Applications 42(3):747–752. <https://doi.org/10.1002/rra.70076>

Species: Steelhead

Location: Santa Maria River, California

Other Keywords: Streambed topography, sediment transport

Gardner, E., J. D. Romer, F. Monzyk, J. Sanders, M. L. Kent, C. B. Schreck, and J. T. Peterson. 2026. The dynamics of *Salmincola californiensis* infecting reservoir-rearing juvenile Chinook salmon. Transactions of the American Fisheries Society 155(1):9-25. <https://doi.org/10.1093/tafafs/vnaf042>

Species: Chinook salmon

Location: Willamette River basin, Oregon

Other Keywords: Host–parasite dynamics, reservoir ecology

Godwin, S. C., E. M. Atkinson, J. B. Atkinson, M. C. Bartlett, W. D. P. Duguid, M. Trudel, and A. W. Bateman. 2026. Contemporary methods for capturing juvenile salmonids in the marine environment. Fish and Fisheries 27(2):160-178. <https://doi.org/10.1111/faf.70039>

Species: Steelhead

Location: Santa Maria River, California

Other Keywords: HEC-RAS model, LIDAR

Grant, S. C. H., B. L. MacDonald, G. Pestal, and C. A. Holt. 2026. Speed meets standards: Powering the Wild Salmon Policy with rapid status assessments for Pacific salmon conservation units. Canadian Journal of Fisheries and Aquatic Sciences 83:1-25. <https://doi.org/10.1139/cjfas-2025-0112>

Species: Pacific salmon

Location: Canada

Other Keywords: Best practices, expert review

Harvey, B. C., J. L. White, S. F. Railsback, B. Staab, and D. J. Isaak. 2026. Assessing the benefits of valley-bottom restoration for salmonids using spatially explicit, individual-based modeling. River Research and Applications 42(1):99-108. <https://doi.org/10.1002/rra.70065>

Species: Resident trout and Chinook salmon
Location: Whychus Creek, Oregon
Other Keywords: Stage-0 restoration, abundance

Hamilton, B. R., C. D. Cunningham, B. A. Beebe, C. A. Haskell, and J. G. Romine. 2026. Drought and reservoir drawdown: implications for bull trout distribution and passage. *Environmental Biology of Fishes* 109:1. <https://doi.org/10.1007/s10641-025-01775-8>
Species: Bull trout
Location: Yakima River Watershed
Other Keywords: Salmonid movement, Bayesian modeling

Hanson, K., M. Bond, T. Bennett, and M. Liermann. 2026. Growth of coastal cutthroat trout, *Oncorhynchus clarkii clarkii*, in intensively monitored urban and natural streams in Puget Sound and the Strait of Juan de Fuca. *Frontiers in Ecology and Evolution* 14:1771898. <https://doi.org/10.3389/fevo.2026.1771898>
Species: Coastal cutthroat trout
Location: Pipers Creek, Washington
Other Keywords: PIT-Tagging, telemetry

Holt, C. A., K. Holt, C. Wor, and C. Bailey. 2026. Adapting quantitative tools to support the assessment and management of wild Pacific salmon in an era of legislative, environmental, and socio-political change. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-18. <https://doi.org/10.1139/cjfas-2025-0089>
Species: Pacific salmon
Location: Canada
Other Keywords: Policy implementation, conservation

Islam, S. S., D. D. Heath, B. Dixon, P. Karpowicz, K. Vuu, J. Leblanc, N. J. Bernier, and K. M. Jeffries. 2026. Development of multi-species qPCR assays for a nanofluidic transcriptional profiling chip to assess responses of salmonids to changing environments. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-12. <https://doi.org/10.1139/cjfas-2024-0294>
Species: Salmonids
Location: n/a
Other Keywords: qPCR, stress

Jackson, M., C. L. Fender, S. Harper, and M. G.-Jaramillo. 2026. Metabolic disruption in salmonids following co-exposure to road runoff contaminants 6PPD-Quinone and 9,10-anthraquinone. *Science of The Total Environment* 1011:181172. <https://doi.org/10.1016/j.scitotenv.2025.181172>
Species: Salmonids
Location: n/a
Other Keywords: Urban stormwater mortality syndrome

Johnson, P., J. Crossman, A. Miller, B. Nichols, J. McLellan, M. Howell, and A. D. Schreier. 2026. Parentage analysis reveals reproductive behaviors in a wild population of white sturgeon. *Transactions of the American Fisheries Society* 155(1):90-99. <https://doi.org/10.1093/tafafs/vnaf051>
Species: White sturgeon
Location: Upper Columbia River

Other Keywords: Reproductive ecology, parent-offspring relationships

Keefer, M. L., and C. C. Caudill. 2026. Migration phenology of adult Chinook salmon: tradeoffs among acute and cumulative thermal exposure risks. *Journal of Thermal Biology* 136:104388.

<https://doi.org/10.1016/j.jtherbio.2026.104388>

Species: Chinook salmon

Location: Willamette and North Santiam rivers

Other Keywords: Agent-based model, prespawn mortality

Kock, T. J., J. M. Morse, C. L. Stockwell, and A. C. Hansen. 2026. Evaluation of juvenile salmon behavior to inform downstream fish passage development at a high head dam. *River Research and Applications* 42(1):30-39 <https://doi.org/10.1002/rra.70047>

Species: Chinook and coho salmon

Location: Tieton River, Washington

Other keywords: Passage design, migration behavior

Lamperth, J. S., M. N. C. Litz, and C. B. Edwards. 2026. Life history responses to salmon habitat restoration. *Frontiers in Ecology and Evolution* 13:1695522.

<https://doi.org/10.3389/fevo.2025.1695522> Species: Salmonids

Location: Lower Columbia River

Other Keywords: Life history, stream restoration

Larsen, D. A., M. A. Middleton, D. L. Harstad, D. K. Spangenberg, and A. E. Fuhrman. 2026. Life after precocious male maturation in a semelparous salmonid: A physiological perspective in Chinook salmon, *Oncorhynchus tshawytscha*. *General and Comparative Endocrinology* 376:114872.

<https://doi.org/10.1016/j.ygcen.2025.114872>

Species: Chinook salmon

Location: n/a

Other Keywords: Microjacks, rematuration

Lerner, J., A. McLaskey, and B. P. V. Hunt. 2026. Changing oceans, ecosystem effects, and Canada's Wild Salmon Policy. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-6.

<https://doi.org/10.1139/cjfas-2025-0114>

Species: Pacific salmon

Location: Canada

Other Keywords: Thiamine deficiency complex

Li, C., J. J. Deroba, A. M. Berger, D. R. Goethel, B. J. Langseth, A. M. Schueller, and T. J. Miller. 2026. Random effects on numbers-at-age transitions implicitly account for movement dynamics and improve stock assessment and management. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-18 <https://doi.org/10.1139/cjfas-2025-0092>

Species: n/a

Location: n/a

Other Keywords: State-space models

Mattheiss, J., R. Breyta, G. Kurath, S. L. LaDeau, D. J. Páez, and P. Ferguson. 2026. Region-specific understanding of virus transmission to support salmonid health at hatcheries in three regions of

the Pacific Northwest, North America. *Philosophical Transactions of the Royal Society B* 381 (1945): 20240322. <https://doi.org/10.1098/rstb.2024.0322>

Species: Pacific salmon

Location: Coastal Washington and Oregon, Lower Columbia River Basin, and Snake River Basin

Other Keywords: Infectious haematopoietic necrosis virus

Metzger, D. C. H., T. M. Healy, K. Wellband, and P. M. Schulte. 2026. Life history and smoltification shape genomic signatures of thermal tolerance in Chinook salmon. *Molecular Ecology* 35(1):e70233.

<https://doi.org/10.1111/mec.70233>

Species: Chinook salmon

Location: n/a

Other Keywords: Thermal resilience

Michel, C. J., B. P. Burford, L. K. Takata, B. M. Lehman, N. J. Demetras, and L. R. Harrison. 2026. The impact of submerged aquatic vegetation removal on fish predation in a tidal river channel. *Estuaries and Coasts* 49:14. <https://doi.org/10.1007/s12237-025-01614-0>

Species: Chinook salmon, largemouth bass, striped bass

Location: Sacramento-San Joaquin Delta, California

Other Keywords: Predator-prey dynamics

Perry, R. W., A. C. Pope, A. Noble Hendrix, J. E. Kirsch, B. G. Matthias, and M. J. Dodrill. 2026. Who needs closure? Estimating abundance with a Markovian availability model for geographically open removal sampling. *Ecology* 107(3):e70289. <https://doi.org/10.1002/ecy.70289>

Species: Benthic fishes and Chinook salmon

Location: n/a

Other Keywords: Geographic closure, N-mixture

Pierce, A. L., D. R. Hatch, N. D. Graham, J. J. Stephenson, R. Branstetter, L. E. Jenkins, L. K. Caldwell, L. R. Medeiros, J. J. Nagler, Z. L. Penney, J. Buelow, C. M. Moffitt, S. R. Everett, R. L. Johnson, J. W. Blodgett, M. Fiander, M. S. Abrahamse, W. J. Bosch, and C. R. Frederiksen. 2026. Physiological studies assist steelhead kelt reconditioning programs in the Columbia River Basin: a synthesis. *Fisheries* vuaf108. <https://doi.org/10.1093/fshmag/vuaf108>

Species: Steelhead

Location: Columbia River Basin

Other Keywords: Postspawn period

Polley, T. M., J. A. Ferguson, N. Hickey, S. R. M. Jones, A. Choudhury, J. S. Foott, and M. L. Kent. 2026. Review of major and minor pathogens of adult Pacific salmon (*Oncorhynchus spp.*) in freshwater in the Pacific Northwest of North America. *Pathogens* 15(1):87.

<https://doi.org/10.3390/pathogens15010087>

Species: Pacific salmon

Location: n/a

Other Keywords: Pathogen impacts

Potapova, A., J. W. Moore, C. K. Parken, M. Sloat, W. Atlas, and L. A. Jones. 2026. Range-wide life history diversity and climate exposure in adult Chinook salmon. *Ecosphere* 17(3):e70572.

<https://doi.org/10.1002/ecs2.70572>

Species: Chinook salmon

Location: Pacific Coast North America

Other Keywords: Life history, climate change impacts

Rich, B. A., A. Sepulveda, D. Rinella, J. Falke, E. Schoen, and P. Westley. 2026. Warming causes modest increase in the consumptive demands of invasive Northern Pike (*Esox lucius*) in Alaska freshwaters. *Biological Invasions* 28:55. <https://doi.org/10.1007/s10530-025-03746-7>

Species: Northern Pike and Pacific salmon

Location: Southcentral Alaska

Other Keywords: Piscivory, invasive species

Ringham, M. C., M. P. Galaska, M. Knowlen, J. Loretz, T. Minck, T. Pelman, N. Soccorsy, K. Westphal, and J. Word. 2026. A novel methodology to characterize the potential impacts of electrochemical ocean alkalinity enhancement on juvenile coho salmon (*Oncorhynchus kisutch*). *Frontiers in Climate* 7:1717924. <https://doi.org/10.3389/fclim.2025.1717924>

Species: Coho salmon

Location: Salish Sea

Other Keywords: Ocean alkalinity enhancement, pH adjustment,

Roni, P., M. J. Camp, R. Camp, T. Rockhill, M. Briggs, S. Welch, and J. Steele 2026. Planning, implementing, and evaluating stage 0 and valley bottom restoration projects: a review with lessons from the Grande Ronde Basin, USA. *Wiley Interdisciplinary Reviews: Water* 13(s)2:e70061.

<https://doi.org/10.1002/wat2.70061>

Species: n/a

Location: Grande Ronde Basin, Oregon

Other Keywords: Stream restoration

Roscoe, D. W. 2026. Homing by potamodromous trout and char in Pacific drainages of the USA and Canada: a literature review and synthesis. *Reviews in Fish Biology and Fisheries* 36:1.

<https://doi.org/10.1007/s11160-025-10021-4>

Species: Trout and char

Location: West Coast drainages, USA and Canada

Other Keywords: Habitat characteristics

Sather, N. K., A. M. Martin-Schwarze, K. F. Mackereth, and G. E. Johnson. 2026. Disentangling restoration effects from estuarine gradients and seasonal variability: An analysis of secondary production and Chinook salmon diets in tidal wetlands. *Estuaries and Coasts* 49:64.

<https://doi.org/10.1007/s12237-025-01649-3>

Species: Chinook salmon

Location: Columbia River Estuary

Other Keywords: Invertebrate assemblages, foraging

Shaftel, R., M. L. Feddern, S. A. McAfee, E. R. Schoen, C. Cunningham, V. R. von Biela, J. Paul, Y. Cheng, A. Newman, M. Perdue, J. Schwenk, A. von Finster, and J. Falke. 2026. Integrating climate

data and river modeling to reveal Chinook salmon habitat conditions in subarctic river basins. *Ecosphere* 17(1):e70399. <https://doi.org/10.1002/ecs2.70399>

Species: Chinook salmon

Location: Yukon and Kuskokwim River basins, Alaska

Other Keywords: Gridded climate dataset, stream temperature

Sparks, M. M., B. M. Maitland, E. A. Felts, A. G. Swartz, and P. N. Frater. 2026. hatchR: A toolset to predict when fish hatch and emerge. *Fisheries* 51(2):49-59.

<https://doi.org/10.1093/fshmag/vuaf078>

Species: Various

Location: n/a

Other Keywords: Predictive modeling tools, early life history

Trimbach, D. J., and R. Niggemann. 2026. Place of salmon?: Examining salmon, sense of place, and placemaking in Puget Sound. *Environmental Management* 76:85. <https://doi.org/10.1007/s00267-025-02377-x>

Species: Pacific salmon

Location: Puget Sound, Washington

Other Keywords: Social-ecological landscape

Tucker, S., S. Majewski, C. A. Nordstrom, M. K. Trzcinski, A. D. Schulze, and K. M. Miller. 2026. Do harbour seals in fact target juvenile salmon of conservation concern? Biased diet sampling has provided an illusory perspective of seal impacts. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-32. <https://doi.org/10.1139/cjfas-2025-0052>

Species: Harbour seals, Pacific salmon

Location: Strait of Georgia

Other Keywords: DNA metabarcoding analysis, sampling bias

Tulloch, V. J. D., C. Murray, S. Surma, C. L. Barnes, J. Conn, K. Holsman, T. Martin, H. N. Morzaria-Luna, J. C. P. Reum, and K. Berry. 2026. Applications of marine ecosystem models for Pacific salmon conservation and management in the Northeast Pacific. *FACETS* 11:1–24.

<https://doi.org/10.1139/facets-2025-0261>

Species: Pacific salmon

Location: Northeast Pacific Ocean

Other Keywords: Marine multispecies ecosystem models

von Biela, V. R., A. M. Regish, S. D. McCormick, J. Spaeder, K. Whitworth, J. Leon, D. Gillikin, Z. Liller, R. Ivanoff, J. Bell, S. Larson, M. P. Carey, and C. E. Zimmerman. 2026. Migration water temperature and heat stress assessments in western Alaska Chinook salmon overlapping the 2019 heatwave. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-14.

<https://doi.org/10.1139/cjfas-2025-0109>

Species: Chinook salmon

Location: Alaska

Other Keywords: Climate change impacts, heat stress

Voss, N. S., and M. C. Quist. 2026. Revised length categories and standard weight equation for Northern Pikeminnow. *North American Journal of Fisheries Management* 46(1):259-268.

<https://doi.org/10.1093/najfmt/vqaf098>

Species: Northern pikeminnow

Location: Idaho, Montana, Oregon, Washington, and British Columbia

Other Keywords: Body condition, length structure

Walser, C. A., A. M. Wymore, T. K. Landon, and L. L. Brown. 2026. The effect of summer intermittency on stream physicochemistry, macroinvertebrate abundance, and redband trout, *Oncorhynchus mykiss gairdneri*, condition in an Idaho stream. *Water Biology and Security* 5(1):100419.

<https://doi.org/10.1016/j.watbs.2025.100419>

Species: Redband trout

Location: Dry Creek, Idaho

Other Keywords: Stream temperature, dissolved oxygen levels

Walter, J. A., G. P. Singer, D. C. Reuman, S. F. Colborne, L. W. Sheppard, D. R. O'Donnell, N. Coombs, E. E. Tracy, M. Johnston, E. A. Miller, A. E. Steel, J. T. Kelly, N. A. Fangue, and A. L. Rypel. 2026. Habitat use differences mediate population threat exposure in white sturgeon. *Environmental Biology of Fishes* 109:51. <https://doi.org/10.1007/s10641-026-01819-7>

Species: White Sturgeon

Location: San Francisco Estuary and Sacramento River

Other Keywords: Spatial patterns, habitat use

Walters, C. L., N. Gantner, J. Hagen, I. Spendlow, R. Pillipow, and E. G. Martins. 2026. Disentangling the contributions of density dependence and independence to population growth rates. *Ecological Applications* 36(2):e70199. <https://doi.org/10.1002/eap.70199>

Species: Rainbow trout

Location: Stellako River, British Columbia

Other Keywords: Population dynamics, temperature

Wiley, B. C., K. J. Carim, and K. G. O'Malley. 2026. Environmental DNA sampling identifies different nonnative and native salmonid species assemblages in two eastern Oregon Wilderness Areas. *Northwest Science* 99(1):1-14. <https://doi.org/10.3955/046.099.0101>

Species: Brook trout, bull trout, Columbia River redband trout

Location: Eastern Oregon

Other Keywords: Headwater systems, monitoring

Williams, R. N. 2026. Pacific Northwest salmon remain stalled at a crossroads, *Fisheries* 51(1):24–27. <https://doi.org/10.1093/fshmag/vuaf111>

Species: Pacific salmon

Location: Pacific Northwest

Other Keywords: Essay

Wong, S., M. J. Hague, A. Phung, and C. G. Michielsens. 2026. Discerning Fraser River Sockeye salmon migration patterns for mixed-stock management. *North American Journal of Fisheries Management*. <https://doi.org/10.1093/najfmt/vqag004>

Species: Sockeye salmon

Location: Fraser River

Other Keywords: Migration patterns, hatchery v. wild stocks

Zambie, A. D., J. L. Loxterman, T. M. Breech, S. R. Narum, and E. R. Keeley. 2026. Extent of stream habitat and hybridization influence levels of genetic diversity in Redband Trout (*Oncorhynchus mykiss gairdneri*) populations. Conservation Genetics 27:1. <https://doi.org/10.1007/s10592-025-01734-x>

Species: Redband trout

Location: Southern Snake River basin

Other Keywords: Habitat fragmentation, intraspecific hybridization

Zillig, K. W., S. S. Lassar, S. M. Watson, S. E. Baird, A. D. Schneider, and N. A. Fangué. 2026. Comparison of juvenile white sturgeon blade strike survival through a conventional and a novel hydropower turbine. Journal of Ecohydraulics 11:1-21.

<https://doi.org/10.1080/24705357.2026.2636289>

Species: White sturgeon

Location: Alameda, California

Other Keywords: Dams, hydropower turbine strikes

Zinn, K. R., S. D. Johnston, Q. V. A. Johnston, A. L. Bass, L. A. Weber, and S. G. Hinch. 2026. Influence of gear type, release method, and injury on immediate and delayed mortality of Chinook salmon (*Oncorhynchus tshawytscha*) captured and released from a marine recreational fishery.

Fisheries Research 293:107637. <https://doi.org/10.1016/j.fishres.2025.107637>

Species: Chinook salmon

Location: Barkley Sound, British Columbia

Other Keywords: Scale loss, fin damage