Aquatic Food Composition Database
Literature Review Search Terms

This document details the search terms for each of our peer reviewed literature searches. Each search was conducted in Web of Science

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Initial Literature Review

In 2020, the following search strategy was conducted in Web of Science, binned from 1990 to 2020. Below, each part of the search is in red, and each search category and conditional in Web of Science is in all caps. Notes are italicized.

TITLE = "aquatic insect*" OR "aquatic plant*" OR "algae" OR "algal" OR "aquatic food*" OR "bivalve*" OR "crustacean*" OR "finfish*" OR "fish" OR "fishes" OR "marine invertebrate*" OR "marine mammal*" OR "mollusc*" OR "mollusk*" OR "sea food*" OR "seafood*" OR "sea weed*" OR "seaweed*" OR "shell fish*" OR "shellfish"

Title has both the above and at least one term below. NEAR/3 means the words following are within three words of each other.

AND TITLE = "beta carotene" OR "fat" OR "fats" OR "fatty acid*" OR "iron" OR "lipid*" OR "macro nutrient*" OR "macronutrient*" OR "micro nutrient*" OR "micronutrient*" OR "mineral*" OR (("nutrient*" OR "nutritional" OR "nutritive" OR "proximate") NEAR/3 ("density" OR "composition" OR "value*" OR "profile*")) OR "protein*" OR "vitamin*"

Or search for any of these nutrient related terms in the abstract.

OR ABSTRACT = "beta carotene" OR "fat" OR "fats" OR "fatty acid*" OR "iron" OR "lipid*" OR "macro nutrient*" OR "macronutrient*" OR "micro nutrient*" OR "micronutrient*" OR "mineral*" OR ("nutrient*" OR "nutritional" OR "nutritive" OR "proximate") NEAR/3 ("density" OR "composition" OR "value*" OR "profile*") OR "protein*" OR "vitamin*"

To exclude with NOT

NOT TITLE = antibacterial OR antimicrobial OR microplastic OR genome OR microbiota OR microbacteria OR sediment OR soil OR milk OR chicken OR vegetable OR pathogen

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Pacific Aquatic Foods Update

This update targeted previous gaps in the AFCD for the Pacific region. In addition to the original search terms, it added geographic and taxonomic terms specific to the region.

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TITLE= "aquatic insect*" OR "aquatic plant*" OR "algae" OR "algal" OR "aquatic food*" OR "bivalve*" OR "crustacean*" OR "finfish*" OR "fish" OR "fishes" OR "marine invertebrate*" OR "marine mammal*" OR "mollusc*" OR "mollusk*" OR "sea food*" OR "seafood*" OR "sea weed*" OR "seaweed*" OR "shell fish*" OR "shellfish"

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To include geography

AND TOPIC= “Cook Islands” OR Fiji OR Kiribati OR “Northern Marianna Islands” OR “New Caledonia” OR Palau OR “Papua New Guinea” OR “Pitcairn Islands” OR “French Polynesia” OR Tokelau OR Tonga OR Tuvalu OR Niue OR “Marshall Islands” OR “Federated States of Micronesia” OR “Wallis and Futuna” OR Nauru OR “Salomon Islands” OR “American Samoa” OR Vanuatu OR Samoa OR “Western Pacific” OR “West Pacific” OR “south-western pacific”

List of critical species currently missing

AND TITLE = “Acanthurus olivaceus” OR “Acanthurus lineatus” OR “Lethrinus rubrioperculatus” OR “Lethrinus obsoletus” OR “Decapterus macarellus” OR “Caranx melampygus” OR “Siganus argenteus” OR “Hipposcarus longiceps” OR “Siganus lineatus”

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List of critical genera that we need more information on, in order of lowest coverage

OR TITLE = "Elagatis” OR “Herklotsichthys” OR “Naso” OR “Acanthurus” OR “Aprion” OR “Kyphosus” OR “Parupeneus” OR “Mulloidichthys” OR “Scarus”,”Caranx” OR “Coryphaena” OR “Siganus” OR “Katsuwonus” OR “Restrelliger” OR ”Lethrinus” OR “Sphyraena” OR “Lutjanus”

OR ABSTRACT = "Elagatis” OR “Herklotsichthys” OR “Naso” OR “Acanthurus” OR “Aprion” OR “Kyphosus” OR “Parupeneus” OR “Mulloidichthys” OR “Scarus”,”Caranx” OR “Coryphaena” OR “Siganus” OR “Katsuwonus” OR “Restrelliger” OR ”Lethrinus” OR “Sphyraena” OR “Lutjanus”

Algae Update

Below, each part of the search is in red, and each search category and conditional in Web of Science is in all caps. Notes are italicized.

TITLE = "algae" OR "algal" OR "sea weed*" OR "seaweed*"

Title has both the above and at least one term below. NEAR/3 means the words following are within three words of each other.

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List of critical species currently missing

AND TITLE = “Undaria pinnatifida” OR “Sargassum fusiforme” OR “Saccharina japonica” OR “Himanthalia elongata” OR “Ulva rigida” OR “Ulva lactuca” OR “Codium” OR “Cladophora” OR “Chaetomorpha” OR “Caulerpa” OR “Caulerpa racemosa” OR “Porphyra” OR “Palmaria palmata” OR “Kappaphycus alvarezii” OR “Gracilaria” OR “Eucheuma”

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