

COMBINED AUTHOR AND TITLE INDEX

(Volumes 421 to 430, 2011)

A

- Aarnos H, see Vähätalo AV et al. (2011) 423:1–14
 Acheampong E, Campbell RW, Diekmann ABS, St John MA (2011) Food availability effects on reproductive strategy: the case of *Acartia tonsa* (Copepoda: Calanoida). 428:151–159
 Acuña JL, see Lobón CM et al. (2011) 422:145–154
 Aiken CM, Navarrete SA (2011) Environmental fluctuations and asymmetrical dispersal: generalized stability theory for studying metapopulation persistence and marine protected areas. 428:77–88
 Aires T, Marbà N, Cunha RL, Kendrick GA, Walker DI, Serrão EA, Duarte CM, Arnaud-Haond S (2011) Evolutionary history of the seagrass genus *Posidonia*. 421:117–130
 Aksnes DL, see Staby A (2011) 422:265–273
 Alcoverro T, see Manzanera M et al. (2011) 423:47–56
 Allemand D, see Orejas C et al. (2011) 429:57–65
 Almeida MJ, see Domingues CP et al. (2011) 425:113–124
 Almeida TVV, see Christofolletti RA et al. (2011) 424:15–23
 Alós J, March D, Palmer M, Grau A, Morales-Nin B (2011) Spatial and temporal patterns in *Serranus cabrilla* habitat use in the NW Mediterranean revealed by acoustic telemetry. 427:173–186
 Alós J, see Palmer M et al. (2011) 430:87–97
 Altenbach AV, see Mayr CC et al. (2011) 428:89–104
 Andersen NG, Nielsen TG, Jakobsen HH, Munk P, Riemann L (2011) Distribution and production of plankton communities in the subtropical convergence zone of the Sargasso Sea. II. Protozooplankton and copepods. 426:71–86
 Anderson MJ, see Martin A et al. (2011) 424:25–37
 Anderson SC, see Boudreau SA et al. (2011) 429:169–183
 Anderwald P, Evans PGH, Cygax L, Hoelzel AR (2011) Role of feeding strategies in seabird–minke whale associations. 424:219–227
 André C, see Moland E et al. (2011) 429:197–207
 Angeline N, see Goodkin NF et al. (2011) 426:185–196
 Anglès S, see Basterretxea G et al. (2011) 423:15–28
 Anthony KRN, see Bannister RJ et al. (2011) 423:95–100
 Aoyama J, see Watanabe KK et al. (2011) 424:273–283
 Arakaki S, see Suzuki G et al. (2011) 421:131–138
 Armato P, see Hoover-Miller A et al. (2011) 424:259–271
 Armoza-Zvuloni R, Segal R, Kramarsky-Winter E, Loya Y (2011) Repeated bleaching events may result in high tolerance and notable gametogenesis in stony corals: *Oculina patagonica* as a model. 426:149–159
 Arnaud-Haond S, see Aires T et al. (2011) 421:117–130
 Arnould JPY, Chérel Y, Gibbens J, White JG, Littnan CL (2011) Stable isotopes reveal inter-annual and inter-individual variation in the diet of female Australian fur seals. 422:291–302
 Asnagi V, see Thrush SF et al. (2011) 424:119–132
 Atkinson LJ, Field JG, Hutchings L (2011) Effects of demersal trawling along the west coast of southern Africa: multivariate analysis of benthic assemblages. 430:241–255

- Atkinson S, see Hoover-Miller A et al. (2011) 424:259–271
 Au WWL, see Lammers MO et al. (2011) 423:261–268
 Axelsen BE, see Bernasconi M et al. (2011) 429:209–218
 Ayón P, Swartzman G, Espinoza P, Bertrand A (2011) Long-term changes in zooplankton size distribution in the Peruvian Humboldt Current System: conditions favouring sardine or anchovy. 422:211–222
 Ayre DJ, see Roberts DG et al. (2011) 421:199–204

B

- Badalamenti F, see Di Carlo G et al. (2011) 423:39–45
 Bailey H, see Shillinger GL et al. (2011) 422:275–289
 Bailie DA, Hynes R, Prodöhl PA (2011) Genetic parentage in the squat lobsters *Munida rugosa* and *M. sarsi* (Crustacea, Anomura, Galatheididae). 421:173–182
 Baird ME, see Henschke N et al. (2011) 430:49–62
 Baker AC, see Silverstein RN et al. (2011) 422:63–75
 Baker JD, see Deakos MH et al. (2011) 429:245–260
 Balazs G, see Peckham SH et al. (2011) 425:269–280
 Balle S, see Palmer M et al. (2011) 430:87–97
 Bando T, see Watanabe KK et al. (2011) 424:273–283
 Bannister RJ, Hoogenboom MO, Anthony KRN, Battershill CN, Whalan S, Webster NS, de Nys R (2011) Incongruence between the distribution of a common coral reef sponge and photosynthesis. 423:95–100
 Banta GT, see Kristensen E et al. (2011) 425:125–139
 Barbou A, see Bricelj VM et al. (2011) 430:35–48
 Barker MF, see Brewin PE et al. (2011) 425:175–191
 Barrett-Lennard LG, Matkin CO, Durban JW, Saulitis EL, Ellifrit D (2011) Predation on gray whales and prolonged feeding on submerged carcasses by transient killer whales at Unimak Island, Alaska. 421:229–241
 Barry JP, see McClain CR et al. (2011) 422:193–200
 Basch LV, see Eble JA et al. (2011) 428:245–258
 Basterretxea G, Jordi A, Garcés E, Anglès S, Reñé A (2011) Seiches stimulate transient biogeochemical changes in a microtidal coastal ecosystem. 423:15–28
 Battershill CN, see Bannister RJ et al. (2011) 423:95–100
 Baumgartner MF, Lysiak NSJ, Schuman C, Urban-Rich J, Wenzel FW (2011) Diel vertical migration behavior of *Calanus finmarchicus* and its influence on right and sei whale occurrence. 423:167–184
 Beach KS, see Paul VJ et al. (2011) 426:161–170
 Beaman RJ, see Bridge TCL et al. (2011) 428:63–75
 Beardsley RC, see Hu S et al. (2011) 427:29–49
 Bearhop S, see Torres LG et al. (2011) 428:289–301
 Bearhop S, see Zbinden JA et al. (2011) 421:291–302
 Beauchamp G (2011) Fit of aggregation models to the distribution of group sizes in Northwest Atlantic seabirds. 425:261–268
 Beaugrand G, Lenoir S, Ibañez F, Manté C (2011) A new model to assess the probability of occurrence of a species, based on presence-only data. 424:175–190

- Becerro MA, see Paul VJ et al. (2011) 426:161–170
- Bejder L, see Deakos MH et al. (2011) 429:245–260
- Bellante A, see Buscaino G et al. (2011) 423:143–154
- Bellwood DR, see Bennett S (2011) 426:241–252
- Bellwood DR, see Bonaldo RM et al. (2011) 423:223–233
- Bellwood DR, see Lefèvre CD (2011) 422:239–251
- Benavides-Varela C, see Hernández P et al. (2011) 424:157–168
- Benedetti-Cecchi L, see Di Carlo G et al. (2011) 423:39–45
- Benfield MC, see Bi H et al. (2011) 427:145–159
- Beninger PG, Elner RW, Moránçais M, Decottignies P (2011) Downward trophic shift during breeding migration in the shorebird *Calidris mauri* (western sandpiper). 428:259–269
- Bennett S, Bellwood DR (2011) Latitudinal variation in macroalgal consumption by fishes on the Great Barrier Reef. 426:241–252
- Beraud E, see Orejas C et al. (2011) 429:57–65
- Berger Y, see Speed CW et al. (2011) 429:261–275
- Berkenbusch K, Probert PK, Nodder SD (2011) Comparative biomass of sediment benthos across a depth transect, Chatham Rise, Southwest Pacific Ocean. 425:79–90
- Bernasconi M, Nøttestad L, Axelsen BE, Krakstad JO (2011) Acoustic observations of dusky dolphins *Lagenorhynchus obscurus* hunting Cape horse mackerel *Trachurus capensis* off Namibia. 429:209–218
- Bertrand A, see Ayón P et al. (2011) 422:211–222
- Berzins I, see Daniels CA et al. (2011) 426:29–40
- Betke K, see Brandt MJ et al. (2011) 421:205–216
- Bi H, Rose KA, Benfield MC (2011) Estimating copepod stage-specific mortality rates in open ocean waters: a case study from the northern Gulf of Mexico, USA. 427:145–159
- Bishop JDD, see Hammerschmidt K et al. (2011) 422:123–128
- Bishop JDD, see Pemberton AJ et al. (2011) 430:113–119
- Bjørge A, see Skern-Mauritzen M et al. (2011) 426:289–301
- Black K, see Gontikaki E et al. (2011) 421:39–50
- Blicher ME, Sejr MK (2011) Abundance, oxygen consumption and carbon demand of brittle stars in Young Sound and the NE Greenland shelf. 422:139–144
- Block BA, see Shillinger GL et al. (2011) 422:275–289
- Blundell GM, Womble JN, Pendleton GW, Karpovich SA, Gende SM, Herreman JK (2011) Use of glacial and terrestrial habitats by harbor seals in Glacier Bay, Alaska: costs and benefits. 429:277–290
- Bograd SJ, see Shillinger GL et al. (2011) 422:275–289
- Bombar D, Moisaner PH, Dippner JW, Foster RA, Voss M, Karfeld B, Zehr JP (2011) Distribution of diazotrophic microorganisms and *nifH* gene expression in the Mekong River plume during intermonsoon. 424:39–52
- Bonaldo RM, Krajewski JP, Bellwood DR (2011) Relative impact of parrotfish grazing scars on massive *Porites* corals at Lizard Island, Great Barrier Reef. 423:223–233
- Bond AL, Jones IL, Sydeman WJ, Major HL, Minobe S, Williams JC, Byrd GV (2011) Reproductive success of planktivorous seabirds in the North Pacific is related to ocean climate on decadal scales. 424:205–218
- Bonnet D, see Yebra L et al. (2011) 428:135–149
- Bonsdorff E, see Kraufvelin P et al. (2011) 426:13–28
- Booth DJ, see Sanchez-Camara J et al. (2011) 422:253–264
- Borstad G, Crawford W, Hipfner JM, Thomson R, Hyatt K (2011) Environmental control of the breeding success of rhinoceros auklets at Triangle Island, British Columbia. 424:285–302
- Bosley KM, Dumbauld BR (2011) Use of extractable lipofuscin to estimate age structure of ghost shrimp populations in west coast estuaries of the USA. 428:161–176
- Bost CA, see Thiebot JB et al. (2011) 421:279–290
- Boström C, Pittman SJ, Simenstad C, Kneib RT (2011) Seascape ecology of coastal biogenic habitats: advances, gaps, and challenges. 427:191–217
- Botero-Acosta N, see Félix F (2011) 426:277–287
- Boudreau SA, Anderson SC, Worm B (2011) Top-down interactions and temperature control of snow crab abundance in the northwest Atlantic Ocean. 429:169–183
- Boudry P, see Lazoski C et al. (2011) 426:197–212
- Bouma TJ, see Van Engeland T et al. (2011) 427:71–81
- Bouqueneau JM, see Vermeulen S et al. (2011) 422:9–22
- Bowen BW, see Eble JA et al. (2011) 428:245–258
- Bradshaw CJA, see Newland C et al. (2011) 424:247–258
- Bradshaw CJA, see Speed CW et al. (2011) 429:261–275
- Bradshaw P, see Zbinden JA et al. (2011) 421:291–302
- Braeckman U, Van Colen C, Soetaert K, Vincx M, Vanaverbeke J (2011) Contrasting macrobenthic activities differentially affect nematode density and diversity in a shallow subtidal marine sediment. 422:179–191
- Brainard RE, see Lammers MO et al. (2011) 423:261–268
- Braithwaite VA, see Salvanes AGV et al. (2011) 425:193–202
- Branch GM, see Pfaff MC et al. (2011) 425:141–152
- Branch RA, see Pfaff MC et al. (2011) 425:141–152
- Brandt MJ, Diederichs A, Betke K, Nehls G (2011) Responses of harbour porpoises to pile driving at the Horns Rev II offshore wind farm in the Danish North Sea. 421:205–216
- Breitbart M, see Daniels CA et al. (2011) 426:29–40
- Brewin PE, Probert PK, Barker MF (2011) Relative influence of processes structuring fjord deep-water macrofaunal communities across multiple spatial scales. 425:175–191
- Bricelj VM, Ford SE, Lambert C, Barbou A, Paillard C (2011) Effects of toxic *Alexandrium tamarense* on behavior, hemocyte responses, and development of brown ring disease in Manila clams. 430:35–48
- Bricker E, Waycott M, Calladine A, Zieman JC (2011) High connectivity across environmental gradients and implications for phenotypic plasticity in a marine plant. 423:57–67
- Bridge TCL, Done TJ, Friedman A, Beaman RJ, Williams SB, Pizarro O, Webster JM (2011) Variability in mesophotic coral reef communities along the Great Barrier Reef, Australia. 428:63–75
- Brodeur RD, see Toole CL et al. (2011) 428:201–217
- Broitman BR, see Pfaff MC et al. (2011) 425:141–152
- Brooke MdL, see Riou S et al. (2011) 422:105–112
- Brüchert V, see van der Bank MG et al. (2011) 428:219–233
- Bruggemann JH, see Denis V et al. (2011) 428:105–117
- Brun FG, see Van Engeland T et al. (2011) 427:71–81
- Buffa G, see Buscaino G et al. (2011) 423:143–154
- Buma AGJ, see van de Poll WH et al. (2011) 426:119–131
- Burkholder D, see Heithaus ER et al. (2011) 428:49–61
- Burrows MT, see Gibson RN et al. (2011) 430:197–205
- Burrows MT, see Kaiser MJ et al. (2011) 430:99–101
- Burton RS, see Tai V et al. (2011) 426:133–147
- Buscaino G, Filiciotto F, Gristina M, Buffa G, Bellante A, MacCarrone V, Patti B, Mazzola S (2011) Defensive strategies of European spiny lobster *Palinurus elephas* during predator attack. 423:143–154
- Buster NA, see Prouty NG et al. (2011) 423:101–115
- Butler MJ IV, Paris CB, Goldstein JS, Matsuda H, Cowen RK (2011) Behavior constrains the dispersal of long-lived spiny lobster larvae. 422:223–237
- Butterworth M, see Tzortziou M et al. (2011) 426:41–56
- Byrd GV, see Bond AL et al. (2011) 424:205–218

C

- Calladine A, see Bricker E et al. (2011) 423:57–67
- Campbell RW, see Acheampong E et al. (2011) 428:151–159

- Cannicci S, Simoni R, Giomi F (2011) Role of the embryo in crab terrestrialisation: an ontogenetic approach. 430:121–131
- Capasso E, see Hinz H et al. (2011) 423:69–82
- Capitanio FL, see Lobón CM et al. (2011) 422:145–154
- Carbone M, see Haber M et al. (2011) 422:113–122
- Cardinale M, Svedäng H (2011) The beauty of simplicity in science: Baltic cod stock improves rapidly in a 'cod hostile' ecosystem state. 425:297–301
- Carey JD, see Stokesbury KDE et al. (2011) 425:167–173
- Caro AU, Guíñez R, Ortiz V, Castilla JC (2011) Competition between a native mussel and a non-indigenous invader for primary space on intertidal rocky shores in Chile. 428:177–185
- Carreira C, see Teira E et al. (2011) 426:87–104
- Carstensen J, see Krause-Jensen D et al. (2011) 425:91–102
- Caselle JE, see Hamilton SL et al. (2011) 429:227–244
- Castelton MR, see Shillinger GL et al. (2011) 422:275–289
- Castilla JC, see Caro AU et al. (2011) 428:177–185
- Castilla JC, see Manríquez PH (2011) 430:207–221
- Cattaneo-Vietti R, see Thrush SF et al. (2011) 424:119–132
- Cavanaugh KC, Siegel DA, Reed DC, Dennison PE (2011) Environmental controls of giant-kelp biomass in the Santa Barbara Channel, California. 429:1–17
- Cermeño P, Lee JB, Wyman K, Schofield O, Falkowski PG (2011) Competitive dynamics in two species of marine phytoplankton under non-equilibrium conditions. 429:19–28
- Certain G, Masse J, Van Canneyt O, Petitgas P, Doremus G, Santos MB, Ridoux V (2011) Investigating the coupling between small pelagic fish and marine top predators using data collected from ecosystem-based surveys. 422:23–39
- Chen B, Irwin AJ, Finkel ZV (2011) Biogeographic distribution of diversity and size-structure of organic-walled dinoflagellate cysts. 425:35–45
- Chen C, see Hu S et al. (2011) 427:29–49
- Chen CA, see Huang YCA et al. (2011) 423:83–93
- Chen CA, see Wang JT et al. (2011) 422:51–62
- Chen HY, see Lee Chen YI et al. (2011) 421:25–38
- Chen X, see Liu B et al. (2011) 429:93–101
- Chen Y, see Liu B et al. (2011) 429:93–101
- Chen YS, see Huang YCA et al. (2011) 423:83–93
- Chenoweth EM, Gabriele CM, Hill DF (2011) Tidal influences on humpback whale habitat selection near headlands. 423:279–289
- Cherel Y, see Arnould JPY et al. (2011) 422:291–302
- Cherel Y, see Newland C et al. (2011) 424:247–258
- Cherel Y, see Thiebot JB et al. (2011) 421:279–290
- Cheung SG, see Liu CC et al. (2011) 429:75–85
- Chiantore M, see Thrush SF et al. (2011) 424:119–132
- Chiu JMY, see Liu CC et al. (2011) 429:75–85
- Christensen PB, see Krause-Jensen D et al. (2011) 425:91–102
- Christoforetti RA, Almeida TVV, Ciotti ÁM (2011) Environmental and grazing influence on spatial variability of intertidal biofilm on subtropical rocky shores. 424:15–23
- Ciotti ÁM, see Christoforetti RA et al. (2011) 424:15–23
- Claquin P, see Klein C et al. (2011) 427:13–27
- Clay TW, Grünbaum D (2011) Swimming performance as a constraint on larval morphology in plutei. 423:185–196
- Cole AJ, Pratchett MS (2011) Inter-specific variation in susceptibility to grazing among common reef corals. 422:155–164
- Compton T, see Tracey DM et al. (2011) 430:1–22
- Conlon S, see Hoover-Miller A et al. (2011) 424:259–271
- Cook GS (2011) Changes in otolith microchemistry over a protracted spawning season influence assignment of natal origin. 423:197–209
- Cooper EE, Shanks AL (2011) Latitude and coastline shape correlate with age-structure of *Chlorostoma (Tegula) funebris* populations. 424:133–143
- Cordeiro N, see Domingues CP et al. (2011) 425:113–124
- Correa AMS, see Silverstein RN et al. (2011) 422:63–75
- Cowen RK, see Butler MJ IV et al. (2011) 422:223–237
- Coyne M, see Gill PC et al. (2011) 421:243–263
- Craig SF, see Nelson ML (2011) 421:139–149
- Crawford DW, see Peterson TD et al. (2011) 424:53–73
- Crawford W, see Borstad G et al. (2011) 424:285–302
- Crespo EA, see Garaffo GV et al. (2011) 421:217–227
- Croft DP, see Guttridge TL et al. (2011) 423:235–245
- Crowe TP, Frost NJ, Hawkins SJ (2011) Interactive effects of losing key grazers and ecosystem engineers vary with environmental context. 430:223–234
- Cuña V, Saura M, Quesada H, Rolán-Alvarez E (2011) Extensive micro-geographical shell polymorphism in a planktonic marine intertidal snail. 427:133–143
- Cunha RL, see Aires T et al. (2011) 421:117–130
- Currie B, see Salvanes AGV et al. (2011) 425:193–202

D

- Daase M, Søreide JE, Martynova D (2011) Effects of food quality on naupliar development in *Calanus glacialis* at subzero temperatures. 429:111–124
- Dailer ML, see Vermeij MJA et al. (2011) 422:1–7
- Dalsgaard T, see Krause-Jensen D et al. (2011) 425:91–102
- Dando PR (2011) Site fidelity, homing and spawning migrations of flounder *Platichthys flesus* in the Tamar estuary, South West England. 430:183–196
- Daneri G, see Jacob B et al. (2011) 430:23–34
- Daniels CA, Zeifman A, Heym K, Ritchie KB, Watson CA, Berzins I, Breitbart M (2011) Spatial heterogeneity of bacterial communities in the mucus of *Montastraea annularis*. 426:29–40
- Dans SL, see Garaffo GV et al. (2011) 421:217–227
- Davenport J, Hughes RN, Shorten M, Larsen PS (2011) Drag reduction by air release promotes fast ascent in jumping emperor penguins—a novel hypothesis. 430:171–182
- Davenport J, Moloney TV, Kelly J (2011) Common sea anemones *Actinia equina* are predominantly sessile intertidal scavengers. 430:147–155
- Davis CS, see Hu S et al. (2011) 427:29–49
- Davy SK, see Martin A et al. (2011) 424:25–37
- de Juan S, Hewitt J (2011) Relative importance of local biotic and environmental factors versus regional factors in driving macrobenthic species richness in intertidal areas. 423:117–129
- de Montaudouin X, Lanceleur L (2011) Distribution of parasites in their second intermediate host, the cockle *Cerastoderma edule*: community heterogeneity and spatial scale. 428:187–199
- de Nys R, see Bannister RJ et al. (2011) 423:95–100
- De Palmas S, see Denis V et al. (2011) 428:105–117
- de Vries T, see van de Poll WH et al. (2011) 426:119–131
- Deakos MH, Baker JD, Bejder L (2011) Characteristics of a manta ray *Manta alfredi* population off Maui, Hawaii, and implications for management. 429:245–260
- Debreuil J, see Denis V et al. (2011) 428:105–117
- Decottignies P, see Beninger PG et al. (2011) 428:259–269
- Degrati M, see Garaffo GV et al. (2011) 421:217–227
- Delefosse M, see Kristensen E et al. (2011) 425:125–139
- Denis V, Debreuil J, De Palmas S, Richard J, Guillaume MMM, Bruggemann JH (2011) Lesion regeneration capacities in populations of the massive coral *Porites lutea*

- at Réunion Island: environmental correlates. 428:105–117
- Dennison PE, see Cavanaugh KC et al. (2011) 429:1–17
- deRivera CE, Grosholz ED, Ruiz GM (2011) Multiple and long-term effects of an introduced predatory crab. 429:145–155
- DeVantier L, see Goodkin NF et al. (2011) 426:185–196
- Di Carlo G, Benedetti-Cecchi L, Badalamenti F (2011) Response of *Posidonia oceanica* growth to dredging effects of different magnitude. 423:39–45
- Diaz-Pulido G, see Venera-Ponton DE et al. (2011) 421:109–115
- DiBattista JD, see Guttridge TL et al. (2011) 423:235–245
- Diederichs A, see Brandt MJ et al. (2011) 421:205–216
- Diekmann ABS, see Acheampong E et al. (2011) 428:151–159
- Dippner JW, see Bombar D et al. (2011) 424:39–52
- Dixson DL, see Munday PL et al. (2011) 423:211–221
- Dobretsov S, see Weinberger F et al. (2011) 427:83–94
- Domingues CP, Almeida MJ, Dubert J, Nolasco R, Cordeiro N, Waap S, Sequeira A, Tavares S, Queiroga H (2011) Supply of crab larvae to an estuary in the eastern Atlantic upwelling system exhibits predictable and haphazard variation at different temporal scales. 425:113–124
- Done TJ, see Bridge TCL et al. (2011) 428:63–75
- Donelson JM, see Munday PL et al. (2011) 423:211–221
- Donohoe CJ, see Toole CL et al. (2011) 428:201–217
- Dorantes-Aranda JJ, see Mooney BD et al. (2011) 426:213–224
- Doremus G, see Certain G et al. (2011) 422:23–39
- dos Santos GAP, Moens T (2011) Populations of two prey nematodes and their interaction are controlled by a predatory nematode. 427:117–131
- Drazen JC, see Yeh J (2011) 424:145–156
- Drouin A, McKindsey CW, Johnson LE (2011) Higher abundance and diversity in faunal assemblages with the invasion of *Codium fragile* ssp. *fragile* in eelgrass meadows. 424:105–117
- Du Preez C, Tunnicliffe V (2011) Shortspine thornyhead and rockfish (Scorpaenidae) distribution in response to substratum, biogenic structures and trawling. 425:217–231
- Duarte CM, see Aires T et al. (2011) 421:117–130
- Dubert J, see Domingues CP et al. (2011) 425:113–124
- Duffy-Anderson JT, see Siddon EC et al. (2011) 426:225–239
- Dumbauld BR, see Bosley KM (2011) 428:161–176
- Dumont CP, Harris LG, Gaymer CF (2011) Anthropogenic structures as a spatial refuge from predation for the invasive bryozoan *Bugula neritina*. 427:95–103
- Dünweber M, see Swalethorp R et al. (2011) 429:125–144
- Durban JW, see Barrett-Lennard LG et al. (2011) 421:229–241
- Dutton PH, see Peckham SH et al. (2011) 425:269–280

E

- Eble JA, Toonen RJ, Sorenson L, Basch LV, Papastamatiou YP, Bowen BW (2011) Escaping paradise: larval export from Hawaii in an Indo-Pacific reef fish, the yellow tang *Zebrafish flavescens*. 428:245–258
- Eckert GL, see Smith QT (2011) 429:185–196
- Edgell TC, see McGaw IJ et al. (2011) 430:235–240
- Edwards EF, see Noren SR (2011) 424:229–236
- Egloff TL, see Hamilton SL et al. (2011) 429:227–244
- Ellifrit D, see Barrett-Lennard LG et al. (2011) 421:229–241
- Elliott DT, Tang KW (2011) Influence of carcass abundance on estimates of mortality and assessment of population dynamics in *Acartia tonsa*. 427:1–12
- Elner RW, see Beninger PG et al. (2011) 428:259–269
- Emslie SD, see Polito MJ et al. (2011) 421:265–277

- Enersen SE, see Moland E et al. (2011) 429:197–207
- Escobar JB, Navarrete SA (2011) Risk recognition and variability in escape responses among intertidal molluscan grazers to the sun star *Heliaster helianthus*. 421:151–161
- Espeland SH, see Lund MB et al. (2011) 424:169–174
- Espinoza P, see Ayón P et al. (2011) 422:211–222
- Essington TE, see Reum JCP et al. (2011) 425:203–215
- Etter RJ, see Miller RJ (2011) 425:153–165
- Evans PGH, see Anderwald P et al. (2011) 424:219–227
- Everett JD, see Henschke N et al. (2011) 430:49–62

F

- Falkowski PG, see Cermeño P et al. (2011) 429:19–28
- Fang J, see Tang Q et al. (2011) 424:97–104
- Fawcett SE, Ward BB (2011) Phytoplankton succession and nitrogen utilization during the development of an upwelling bloom. 428:13–31
- Feldheim KA, see Guttridge TL et al. (2011) 423:235–245
- Félix F, Botero-Acosta N (2011) Distribution and behaviour of humpback whale mother–calf pairs during the breeding season off Ecuador. 426:277–287
- Ferguson MC, see Soldevilla MS et al. (2011) 423:247–260
- Fernández M, see Storch D et al. (2011) 429:157–167
- Fernández MV, Heras S, Maltagliati F, Turco A, Roldán MI (2011) Genetic structure in the blue and red shrimp *Aristerius antennatus* and the role played by hydrographical and oceanographical barriers. 421:163–171
- Ferrier-Pagès C, see Orejas C et al. (2011) 429:57–65
- Ferrier-Pagès C, see Tremblay P et al. (2011) 422:165–177
- Field IC, see Newland C et al. (2011) 424:247–258
- Field IC, see Speed CW et al. (2011) 429:261–275
- Field JG, see Atkinson LJ (2011) 430:241–255
- Filiciotto F, see Buscaino G et al. (2011) 423:143–154
- Finkel ZV, see Chen B et al. (2011) 425:35–45
- Fiorentino D, see Thrush SF et al. (2011) 424:119–132
- Fisher WS, see Oliver LM et al. (2011) 427:293–302
- Fisher-Pool PI, see Lammers MO et al. (2011) 423:261–268
- Foden J, Rogers SI, Jones AP (2011) Human pressures on UK seabed habitats: a cumulative impact assessment. 428:33–47
- Ford SE, see Bricelj VM et al. (2011) 430:35–48
- Forero MG, see Louzao M et al. (2011) 429:291–301
- Försterra G, see Mayr CC et al. (2011) 428:89–104
- Fossing H, see Krause-Jensen D et al. (2011) 425:91–102
- Foster RA, see Bombar D et al. (2011) 424:39–52
- Fox SE, see Olsen YS et al. (2011) 421:83–96
- Fresh KL, see Reum JCP et al. (2011) 425:203–215
- Friedlander AM, see Wedding LM et al. (2011) 427:219–232
- Friedman A, see Bridge TCL et al. (2011) 428:63–75
- Fritschi J, see Sanchez-Camara J et al. (2011) 422:253–264
- Frost M, see Hinz H et al. (2011) 423:69–82
- Frost NJ, see Crowe TP et al. (2011) 430:223–234

G

- Gabriele CM, see Chenoweth EM et al. (2011) 423:279–289
- Gagliano M, see Munday PL et al. (2011) 423:211–221
- Gaines SD, see Morgan SG et al. (2011) 425:103–112
- Ganias K, Nunes C (2011) Bathymetric segregation of spawning stages in the Atlantic sardine *Sardina pilchardus*. 428:235–244
- Garaffo GV, Dans SL, Pedraza SN, Degradi M, Schiavini A, González R, Crespo EA (2011) Modeling habitat use for dusky dolphin and Commerson's dolphin in Patagonia.

- 421:217–227
- Garcés E, see Basterretxea G et al. (2011) 423:15–28
- Gavagnin M, see Haber M et al. (2011) 422:113–122
- Gaymer CF, see Dumont CP et al. (2011) 427:95–103
- Gende SM, see Blundell GM et al. (2011) 429:277–290
- Gennaro P, Piazzì L (2011) Synergism between two anthropic impacts: *Caulerpa racemosa* var. *cylindracea* invasion and seawater nutrient enrichment. 427:59–70
- Genovart M, see Louzao M et al. (2011) 429:291–301
- Geraldi NR, Powers SP (2011) Subtle changes in prey foraging behavior have cascading effects in a shallow estuary. 427:51–58
- Geraldi NR, see Macreadie PI et al. (2011) 429:87–91
- Gibbens J, see Arnould JPY et al. (2011) 422:291–302
- Gibbons MJ, see van der Bank MG et al. (2011) 428:219–233
- Gibson RN, Burrows MT, Robb L (2011) Field experiments on depth selection by juvenile plaice *Pleuronectes platessa*. 430:197–205
- Gili JM, see Orejas C et al. (2011) 429:57–65
- Gill B, see Zbinden JA et al. (2011) 421:291–302
- Gill PC, Morrice MG, Page B, Pirzl R, Levings AH, Coyne M (2011) Blue whale habitat selection and within-season distribution in a regional upwelling system off southern Australia. 421:243–263
- Giomi F, see Cannicci S et al. (2011) 430:121–131
- Glover AG, see Neal L et al. (2011) 428:119–134
- Glover KA, Stølen ÅB, Messmer A, Koop BF, Torrissen O, Nilsen F (2011) Population genetic structure of the parasitic copepod *Lepeophtheirus salmonis* throughout the Atlantic. 427:161–172
- Gobert S, see Vermeulen S et al. (2011) 422:9–22
- Godley BJ, see Zbinden JA et al. (2011) 421:291–302
- Goldstein JS, see Butler MJ IV et al. (2011) 422:223–237
- Gómez I, Huovinen P (2011) Morpho-functional patterns and zonation of South Chilean seaweeds: the importance of photosynthetic and bio-optical traits. 422:77–91
- Gontikaki E, Mayor DJ, Thornton B, Black K, Witte U (2011) Processing of ¹³C-labelled diatoms by a bathyal community at sub-zero temperatures. 421:39–50
- González R, see Garaffo GV et al. (2011) 421:217–227
- Goodkin NF, Switzer AD, McCorry D, DeVantier L, True JD, Hughen KA, Angeline N, Yang TT (2011) Coral communities of Hong Kong: long-lived corals in a marginal reef environment. 426:185–196
- Gori A, see Orejas C et al. (2011) 429:57–65
- Goto K, see Watanabe KK et al. (2011) 424:273–283
- Grahame JW, see Walker TN (2011) 430:103–111
- Grahl-Nielsen O, Haug T, Lindstrøm U, Nilssen KT (2011) Fatty acids in harp seal blubber do not necessarily reflect their diet. 426:263–276
- Grau A, see Alós J et al. (2011) 427:173–186
- Grau J, see Mayr CC et al. (2011) 428:89–104
- Gray CA, see Roberts DG et al. (2011) 421:199–204
- Gray CM, see Riou S et al. (2011) 422:105–112
- Green M, see Meager JJ et al. (2011) 428:1–12
- Greene CM, see Reum JCP et al. (2011) 425:203–215
- Gristina M, see Buscaino G et al. (2011) 423:143–154
- Grosholz ED, see deRivera CE et al. (2011) 429:145–155
- Gruber SH, see Guttridge TL et al. (2011) 423:235–245
- Grünbaum D, see Clay TW (2011) 423:185–196
- Guarderas AP, Hacker SD, Lubchenco J (2011) Ecological effects of marine reserves in Latin America and the Caribbean. 429:219–225
- Guijarro B, see Hidalgo M et al. (2011) 426:1–12
- Guillaume MMM, see Denis V et al. (2011) 428:105–117
- Guinet C, see Newland C et al. (2011) 424:247–258
- Guñez R, see Caro AU et al. (2011) 428:177–185
- Gusmão J, see Lazoski C et al. (2011) 426:197–212
- Guttridge TL, Gruber SH, DiBattista JD, Feldheim KA, Croft DP, Krause S, Krause J (2011) Assortative interactions and leadership in a free-ranging population of juvenile lemon shark *Negaprion brevirostris*. 423:235–245
- Gygax L, see Anderwald P et al. (2011) 424:219–227

H

- Haber M, Carbone M, Mollo E, Gavagnin M, Ilan M (2011) Chemical defense against predators and bacterial fouling in the Mediterranean sponges *Axinella polypoides* and *A. verrucosa*. 422:113–122
- Hacker SD, see Guarderas AP et al. (2011) 429:219–225
- Hall NS, Pearl HW (2011) Vertical migration patterns of phytoflagellates in relation to light and nutrient availability in a shallow microtidal estuary. 425:1–19
- Hallegraeff GM, see Mooney BD et al. (2011) 426:213–224
- Hamer KC, see Riou S et al. (2011) 422:105–112
- Hamilton SL, Caselle JE, Lantz CA, Egloff TL, Kondo E, Newsome SD, Loke-Smith K, Pondella DJ II, Young KA, Lowe CG (2011) Extensive geographic and ontogenetic variation characterizes the trophic ecology of a temperate reef fish on southern California (USA) rocky reefs. 429:227–244
- Hammerschmidt K, Pemberton AJ, Michiels NK, Bishop JDD (2011) Differential maternal allocation following mixed insemination contributes to variation in oocyte size in a sea squirt. 422:123–128
- Hansen BW, see Swalethorp R et al. (2011) 429:125–144
- Hansen T, see Kristensen E et al. (2011) 425:125–139
- Hansson LJ, see Hosia A et al. (2011) 422:129–138
- Hansson LJ, see Pemberton AJ et al. (2011) 430:113–119
- Haraldsson M, see Hosia A et al. (2011) 422:129–138
- Harris BP, see Stokesbury KDE et al. (2011) 425:167–173
- Harris LG, see Dumont CP et al. (2011) 427:95–103
- Harris RP, see Yebra L et al. (2011) 428:135–149
- Harrison PJ, see Peterson TD et al. (2011) 424:53–73
- Hart PJB, Pearson E (2011) An application of the theory of island biogeography to fish speciation on seamounts. 430:281–288
- Hatase H, see Watanabe KK et al. (2011) 424:273–283
- Haug T, see Grahl-Nielsen O et al. (2011) 426:263–276
- Häussermann V, see Mayr CC et al. (2011) 428:89–104
- Hawkins SJ, see Crowe TP et al. (2011) 430:223–234
- Hayashibara T, see Suzuki G et al. (2011) 421:131–138
- Head EJH, see Pepin P et al. (2011) 423:155–166
- Heck KL Jr, see Prado P (2011) 429:45–55
- Heide-Jørgensen MP, see Laidre KL (2011) 423:269–278
- Heithaus ER, Heithaus PA, Heithaus MR, Burkholder D, Layman CA (2011) Trophic dynamics in a relatively pristine subtropical fringing mangrove community. 428:49–61
- Heithaus MR, see Heithaus ER et al. (2011) 428:49–61
- Heithaus MR, see Vaudo JJ (2011) 425:247–260
- Heithaus PA, see Heithaus ER et al. (2011) 428:49–61
- Hemond EM, Wilbur AE (2011) Microsatellite loci indicate population structure and selection between Atlantic and Gulf of Mexico populations of the bay scallop *Argopecten irradians*. 423:131–142
- Hendriks IE, see Van Engeland T et al. (2011) 427:71–81
- Henschke N, Everett JD, Baird ME, Taylor MD, Suthers IM (2011) Distribution of life-history stages of the salp *Thalia democratica* in shelf waters during a spring bloom. 430:49–62
- Heras S, see Fernández MV et al. (2011) 421:163–171
- Hernández P, McLellan Clarke T, Benavides-Varela C, Villalo-

- bos-Rojas F, Nivia-Ruiz J, Wehrtmann IS (2011) Population demography and spatial distribution of the mantis shrimp *Squilla bifornis* (Stomatopoda, Squillidae) from Pacific Costa Rica. 424:157–168
- Herreman JK, see Blundell GM et al. (2011) 429:277–290
- Heupel MR, see Knip DM et al. (2011) 425:233–246
- Hewitt J, see de Juan S (2011) 423:117–129
- Hewitt J, see Thrush SF et al. (2011) 424:119–132
- Heym K, see Daniels CA et al. (2011) 426:29–40
- Hidalgo M, Rouyer T, Molinero JC, Massuti E, Moranta J, Guijarro B, Stenseth NC (2011) Synergistic effects of fishing-induced demographic changes and climate variation on fish population dynamics. 426:1–12
- Hiddink JG, see Lambert GI et al. (2011) 430:71–86
- Higgs DM, see Wright KJ et al. (2011) 424:1–13
- Hildebrand JA, see Soldevilla MS et al. (2011) 423:247–260
- Hill DF, see Chenoweth EM et al. (2011) 423:279–289
- Hill JM, see Porri F et al. (2011) 426:253–262
- Hindell MA, see Newland C et al. (2011) 424:247–258
- Hinz H, Capasso E, Lilley M, Frost M, Jenkins SR (2011) Temporal differences across a bio-geographical boundary reveal slow response of sub-littoral benthos to climate change. 423:69–82
- Hinz H, see Lambert GI et al. (2011) 430:71–86
- Hinz H, see Murray LG et al. (2011) 430:157–169
- Hipfner JM, see Borstad G et al. (2011) 424:285–302
- Hitt S, Pittman SJ, Nemeth RS (2011) Diel movements of fishes linked to benthic seascape structure in a Caribbean coral reef ecosystem. 427:275–291
- Hobson KA, see Louzao M et al. (2011) 429:291–301
- Hoelzel AR, see Anderwald P et al. (2011) 424:219–227
- Hoikkala L, see Vähätalo AV et al. (2011) 423:1–14
- Hoogenboom MO, see Bannister RJ et al. (2011) 423:95–100
- Hoover-Miller A, Atkinson S, Conlon S, Prewitt J, Armato P (2011) Persistent decline in abundance of harbor seals *Phoca vitulina richardsi* over three decades in Aialik Bay, an Alaskan tidewater glacial fjord. 424:259–271
- Hosia A, Titelman J, Hansson LJ, Haraldsson M (2011) Interactions between native and alien ctenophores: *Beroë gracilis* and *Mnemiopsis leidyi* in Gullmarsfjorden. 422:129–138
- Hovel KA, see Mizerek T et al. (2011) 427:247–257
- Howarth RW, see McLenaghan NA et al. (2011) 426:171–184
- Hsieh HJ, see Huang YCA et al. (2011) 423:83–93
- Hu S, Chen C, Ji R, Townsend DW, Tian R, Beardsley RC, Davis CS (2011) Effects of surface forcing on interannual variability of the fall phytoplankton bloom in the Gulf of Maine revealed using a process-oriented model. 427:29–49
- Huang H, see Li T et al. (2011) 424:75–85
- Huang L, see Li T et al. (2011) 424:75–85
- Huang SC, see Huang YCA et al. (2011) 423:83–93
- Huang YCA, Hsieh HJ, Huang SC, Meng PJ, Chen YS, Keshavmurthy S, Nozawa Y, Chen CA (2011) Nutrient enrichment caused by marine cage culture and its influence on subtropical coral communities in turbid waters. 423:83–93
- Hughen KA, see Goodkin NF et al. (2011) 426:185–196
- Hughes DJ (2011) Where's the 'reef'? A five year study of serpulid tube bioerosion in a Scottish sea loch. 430:273–280
- Hughes H, see Kaiser MJ et al. (2011) 430:99–101
- Hughes RN, see Davenport J et al. (2011) 430:171–182
- Huovinen P, see Gómez I (2011) 422:77–91
- Hutchings L, see Atkinson LJ (2011) 430:241–255
- Huveneers C, see Speed CW et al. (2011) 429:261–275
- Hyatt K, see Borstad G et al. (2011) 424:285–302
- Hynes R, see Bailie DA et al. (2011) 421:173–182
- Ibañez F, see Beaugrand G et al. (2011) 424:175–190
- Igual JM, see Louzao M et al. (2011) 429:291–301
- Iida T, see Yamamoto T et al. (2011) 424:191–204
- Ilan M, see Haber M et al. (2011) 422:113–122
- Irwin AJ, see Chen B et al. (2011) 425:35–45

I

J

K

- Knutsen JA, see Moland E et al. (2011) 429:197–207
 Kondo E, see Hamilton SL et al. (2011) 429:227–244
 Koop BF, see Glover KA et al. (2011) 427:161–172
 Kosman ET, Pernet B (2011) Intraspecific variation in larval size and its effects on juvenile lophophore size in four bryozoans. 429:67–73
 Kragh T, see Riemann L et al. (2011) 426:57–70
 Krajewski JP, see Bonaldo RM et al. (2011) 423:223–233
 Krakstad JO, see Bernasconi M et al. (2011) 429:209–218
 Kramarsky-Winter E, see Armoza-Zvuloni R et al. (2011) 426:149–159
 Kraufvelin P, Perus J, Bonsdorff E (2011) Scale-dependent distribution of soft-bottom infauna and possible structuring forces in low diversity systems. 426:13–28
 Krause J, see Guttridge TL et al. (2011) 423:235–245
 Krause S, see Guttridge TL et al. (2011) 423:235–245
 Krause-Jensen D, Carstensen J, Nielsen SL, Dalsgaard T, Christensen PB, Fossing H, Rasmussen MB (2011) Sea bottom characteristics affect depth limits of eelgrass *Zostera marina*. 425:91–102
 Kristensen E, Hansen T, Delefosse M, Banta GT, Quintana CO (2011) Contrasting effects of the polychaetes *Marenzelleria viridis* and *Nereis diversicolor* on benthic metabolism and solute transport in sandy coastal sediment. 425:125–139
 Krumhansl KA, Scheibling RE (2011) Detrital production in Nova Scotian kelp beds: patterns and processes. 421:67–82
 Kuffner IB, see Paul VJ et al. (2011) 426:161–170
 Kuhnz L, see McClain CR et al. (2011) 422:193–200

L

- Lacaze JP, see Touzet N et al. (2011) 425:21–33
 Lagunas M, see van de Poll WH et al. (2011) 426:119–131
 Laidre KL, Heide-Jørgensen MP (2011) Life in the lead: extreme densities of narwhals *Monodon monoceros* in the offshore pack ice. 423:269–278
 LaJeunesse TC, see Silverstein RN et al. (2011) 422:63–75
 Lambert C, see Bricelj VM et al. (2011) 430:35–48
 Lambert GI, Jennings S, Kaiser MJ, Hinz H, Hiddink JG (2011) Quantification and prediction of the impact of fishing on epifaunal communities. 430:71–86
 Lammers MO, Fisher-Pool PI, Au WWL, Meyer CG, Wong KB, Brainard RE (2011) Humpback whale *Megaptera novaeangliae* song reveals wintering activity in the Northwestern Hawaiian Islands. 423:261–268
 Lanceleur L, see de Montaudouin X (2011) 428:187–199
 Landry MR, Selph KE, Yang EJ (2011) Decoupled phytoplankton growth and microzooplankton grazing in the deep euphotic zone of the eastern equatorial Pacific. 421:13–24
 Lantz CA, see Hamilton SL et al. (2011) 429:227–244
 Lara M, see Van Engelard T et al. (2011) 427:71–81
 Large SI, Smee DL, Trussell GC (2011) Environmental conditions influence the frequency of prey responses to predation risk. 422:41–49
 Larsen PS, see Davenport J et al. (2011) 430:171–182
 Laviale M, Neveux J (2011) Relationships between pigment ratios and growth irradiance in 11 marine phytoplankton species. 425:63–77
 Layman CA, see Heithaus ER et al. (2011) 428:49–61
 Lazoski C, Gusmão J, Boudry P, Solé-Cava AM (2011) Phylogeny and phylogeography of Atlantic oyster species: evolutionary history, limited genetic connectivity and isolation by distance. 426:197–212
 Le Corre M, see Pinet P et al. (2011) 423:291–302
 Le Roy B, see Klein C et al. (2011) 427:13–27
 Lee Chen YI, Tuo Sh, Chen HY (2011) Co-occurrence and transfer of fixed nitrogen from *Trichodesmium* spp. to diatoms in the low-latitude Kuroshio Current in the NW Pacific. 421:25–38
 Lee JB, see Cermeño P et al. (2011) 429:19–28
 Lefèvre CD, Bellwood DR (2011) Temporal variation in coral reef ecosystem processes: herbivory of macroalgae by fishes. 422:239–251
 Lehrter JC, see Oliver LM et al. (2011) 427:293–302
 Leichter JJ, see Wing SR (2011) 422:201–210
 Leis JM, see Wright KJ et al. (2011) 424:1–13
 Lenoir S, see Beaugrand G et al. (2011) 424:175–190
 Lepczyk CA, see Wedding LM et al. (2011) 427:219–232
 Lepoint G, see Vermeulen S et al. (2011) 422:9–22
 Levings AH, see Gill PC et al. (2011) 421:243–263
 Li L, see Liu CC et al. (2011) 429:75–85
 Li T, Liu S, Huang L, Huang H, Lian J, Yan Y, Lin S (2011) Diatom to dinoflagellate shift in the summer phytoplankton community in a bay impacted by nuclear power plant thermal effluent. 424:75–85
 Lian J, see Li T et al. (2011) 424:75–85
 Lignell R, see Vähätalo AV et al. (2011) 423:1–14
 Lilley M, see Hinz H et al. (2011) 423:69–82
 Lin S, see Li T et al. (2011) 424:75–85
 Linde M, see Palmer M et al. (2011) 430:87–97
 Lindeque PK, see Yebra L et al. (2011) 428:135–149
 Lindstrøm U, see Grahl-Nielsen O et al. (2011) 426:263–276
 Lirman D, see Santos RO et al. (2011) 427:233–246
 Littnan CL, see Arnould JPY et al. (2011) 422:291–302
 Liu B, Chen X, Chen Y, Lu H, Qian W (2011) Trace elements in the statoliths of jumbo flying squid off the Exclusive Economic Zones of Chile and Peru. 429:93–101
 Liu CC, Chiu JMY, Li L, Shin PKS, Cheung SG (2011) Physiological responses of two sublittoral nassariid gastropods to hypoxia. 429:75–85
 Liu S, see Li T et al. (2011) 424:75–85
 Lobel PS, see Richlen ML (2011) 421:51–66
 Lobón CM, Acuña JL, López-Álvarez M, Capitanio FL (2011) Heritability of morphological and life history traits in a pelagic tunicate. 422:145–154
 Loke-Smith K, see Hamilton SL et al. (2011) 429:227–244
 López-Álvarez M, see Lobón CM et al. (2011) 422:145–154
 Louzao M, Navarro J, Forero MG, Igual JM, Genovart M, Hobson KA, Oro D (2011) Exploiting the closest production area: geographical segregation of foraging grounds in a critically endangered seabird. 429:291–301
 Lowe CG, see Hamilton SL et al. (2011) 429:227–244
 Loya Y, see Armoza-Zvuloni R et al. (2011) 426:149–159
 Lu H, see Liu B et al. (2011) 429:93–101
 Lubchenco J, see Guarderas AP et al. (2011) 429:219–225
 Ludynia K, see Quillfeldt P et al. (2011) 428:271–287
 Lund MB, Olsen EM, Espeland SH, Stenseth NC (2011) Life history of fjord cod from the Skagerrak in the mid-2000s compared to 1905. 424:169–174
 Lynch HJ, see Polito MJ et al. (2011) 421:265–277
 Lysiak NSJ, see Baumgartner MF et al. (2011) 423:167–184

M

- Maccarrone V, see Buscaino G et al. (2011) 423:143–154
 Mackay KA, see Tracey DM et al. (2011) 430:1–22
 Macreadie PI, Geraldini NR, Peterson CH (2011) How small-scale variation in oyster reef patchiness influences predation on bivalves. 429:87–91

- Maher M, see Touzet N et al. (2011) 425:21–33
 Mahl UH, see McLenaghan NA et al. (2011) 426:171–184
 Major HL, see Bond AL et al. (2011) 424:205–218
 Maldonado Diaz D, see Peckham SH et al. (2011) 425: 269–280
 Maltagliati F, see Fernández MV et al. (2011) 421:163–171
 Manríquez PH, Castilla JC (2011) Behavioural traits of competent *Concholepas concholepas* (loco) larvae. 430:207–221
 Manté C, see Beaugrand G et al. (2011) 424:175–190
 Manzanera M, Alcoverro T, Tomas F, Romero J (2011) Response of *Posidonia oceanica* to burial dynamics. 423: 47–56
 Marbà N, see Aires T et al. (2011) 421:117–130
 March D, see Alós J et al. (2011) 427:173–186
 March D, see Palmer M et al. (2011) 430:87–97
 Margaritoulis D, see Zbinden JA et al. (2011) 421:291–302
 Marino RM, see McLenaghan NA et al. (2011) 426:171–184
 Markle DF, see Toole CL et al. (2011) 428:201–217
 Martin A, Anderson MJ, Thorn C, Davy SK, Ryan KG (2011) Response of sea-ice microbial communities to environmental disturbance: an *in situ* transplant experiment in the Antarctic. 424:25–37
 Martin-Smith K, see Sanchez-Camara J et al. (2011) 422: 253–264
 Martínez-García S, see Teira E et al. (2011) 426:87–104
 Martynova D, see Daase M et al. (2011) 429:111–124
 Masello JF, see Quillfeldt P et al. (2011) 428:271–287
 Masello JF, see Riou S et al. (2011) 422:105–112
 Masse J, see Certain G et al. (2011) 422:23–39
 Massutí E, see Hidalgo M et al. (2011) 426:1–12
 Mateo MA, see Serrano O et al. (2011) 423:29–38
 Matkin CO, see Barrett-Lennard LG et al. (2011) 421:229–241
 Matsuda H, see Butler MJ IV et al. (2011) 422:223–237
 Matsuzawa Y, see Watanabe KK et al. (2011) 424:273–283
 Mayor DJ, see Gontikaki E et al. (2011) 421:39–50
 Mayr CC, Försterra G, Häussermann V, Wunderlich A, Grau J, Zieringer M, Altenbach AV (2011) Stable isotope variability in a Chilean fjord food web: implications for N- and C-cycles. 428:89–104
 Mazzola S, see Buscaino G et al. (2011) 423:143–154
 McAfee ST, see Morgan SG et al. (2011) 425:103–112
 McClain CR, Nekola JC, Kuhnz L, Barry JP (2011) Local-scale faunal turnover on the deep Pacific seafloor. 422:193–200
 McCook LJ, see Venera-Ponton DE et al. (2011) 421:109–115
 McCorry D, see Goodkin NF et al. (2011) 426:185–196
 McGaw IJ, Edgell TC, Kaiser MJ (2011) Population demographics of native and newly invasive populations of the green crab *Carcinus maenas*. 430:235–240
 McGregor F, see Speed CW et al. (2011) 429:261–275
 McIlwain JL, see Rhodes KL et al. (2011) 421:183–198
 McKindsey CW, see Drouin A et al. (2011) 424:105–117
 McLellan Clarke T, see Hernáez P et al. (2011) 424:157–168
 McLenaghan NA, Tyler AC, Mahl UH, Howarth RW, Marino RM (2011) Benthic macroinvertebrate functional diversity regulates nutrient and algal dynamics in a shallow estuary. 426:171–184
 McMahan CR, see Newland C et al. (2011) 424:247–258
 McMahan CR, see Speed CW et al. (2011) 429:261–275
 McQuaid CD, see Porri F et al. (2011) 426:253–262
 Meager JJ, Schlacher TA, Green M (2011) Topographic complexity and landscape temperature patterns create a dynamic habitat structure on a rocky intertidal shore. 428: 1–12
 Meekan MG, see Speed CW et al. (2011) 429:261–275
 Megoñigal JP, see Tzortziou M et al. (2011) 426:41–56
 Meng PJ, see Huang YCA et al. (2011) 423:83–93
 Meng PJ, see Wang JT et al. (2011) 422:51–62
 Messmer A, see Glover KA et al. (2011) 427:161–172
 Meyer CG, see Lammers MO et al. (2011) 423:261–268
 Meyer CG, see Nakamura I et al. (2011) 424:237–246
 Michalik A, see Quillfeldt P et al. (2011) 428:271–287
 Michiels NK, see Hammerschmidt K et al. (2011) 422:123–128
 Middelburg JJ, see Van den Meersche K et al. (2011) 429:29–43
 Middelburg JJ, see Van Engeland T et al. (2011) 427:71–81
 Miller RJ, Etter RJ (2011) Rock walls: small-scale diversity hotspots in the subtidal Gulf of Maine. 425:153–165
 Miller TJ, see Kendall MS et al. (2011) 427:259–274
 Mincks Hardy SL, see Neal L et al. (2011) 428:119–134
 Minobe S, see Bond AL et al. (2011) 424:205–218
 Mizerek T, Regan HM, Hovel KA (2011) Seagrass habitat loss and fragmentation influence management strategies for a blue crab *Callinectes sapidus* fishery. 427:247–257
 Moens T, see dos Santos GAP (2011) 427:117–131
 Moisaner PH, see Bombar D et al. (2011) 424:39–52
 Moland E, Moland Olsen E, Knutsen H, Knutsen JA, Enersen SE, André C, Stenseth NC (2011) Activity patterns of wild European lobster *Homarus gammarus* in coastal marine reserves: implications for future reserve design. 429: 197–207
 Moland Olsen E, see Moland E et al. (2011) 429:197–207
 Molinero JC, see Hidalgo M et al. (2011) 426:1–12
 Møller EF, see Swalethorp R et al. (2011) 429:125–144
 Mollo E, see Haber M et al. (2011) 422:113–122
 Moloney J, see Knip DM et al. (2011) 425:233–246
 Moloney TV, see Davenport J et al. (2011) 430:147–155
 Mooney BD, Dorantes-Aranda JJ, Place AR, Hallegraef GM (2011) Ichthyotoxicity of gymnodinoid dinoflagellates: PUFA and superoxide effects in sheepshead minnow larvae and rainbow trout gill cells. 426:213–224
 Morales-Nin B, see Alós J et al. (2011) 427:173–186
 Morán XAG, see Teira E et al. (2011) 426:87–104
 Moraçais M, see Beninger PG et al. (2011) 428:259–269
 Moranta J, see Hidalgo M et al. (2011) 426:1–12
 Morgan SG, White JW, McAfee ST, Gaines SD, Schmitt RJ (2011) Weak synchrony in the timing of larval release in upwelling regimes. 425:103–112
 Morrice MG, see Gill PC et al. (2011) 421:243–263
 Morris EP, see Van Engeland T et al. (2011) 427:71–81
 Mueter FJ, see Siddon EC et al. (2011) 426:225–239
 Munday PL, Gagliano M, Donelson JM, Dixon DL, Thorrold SR (2011) Ocean acidification does not affect the early life history development of a tropical marine fish. 423:211–221
 Munk P, see Andersen NG et al. (2011) 426:71–86
 Munk P, see Riemann L et al. (2011) 426:57–70
 Murray LG, Hinz H, Kaiser MJ (2011) Functional response of fishers in the Isle of Man scallop fishery. 430:157–169

N

- Nakamura I, Watanabe YY, Papastamatiou YP, Sato K, Meyer CG (2011) Yo-yo vertical movements suggest a foraging strategy for tiger sharks *Galeocerdo cuvier*. 424:237–246
 Nakashima Y, see Watanabe KK et al. (2011) 424:273–283
 Napoléon C, see Klein C et al. (2011) 427:13–27
 Navarrete SA, see Aiken CM (2011) 428:77–88
 Navarrete SA, see Escobar JB (2011) 421:151–161
 Navarrete SA, see Storch D et al. (2011) 429:157–167
 Navarro J, see Louzao M et al. (2011) 429:291–301
 Naveen R, see Polito MJ et al. (2011) 421:265–277
 Neal L, Mincks Hardy SL, Smith CR, Glover AG (2011) Polychaete species diversity on the West Antarctic Peninsula deep continental shelf. 428:119–134
 Neale PJ, see Tzortziou M et al. (2011) 426:41–56

- Nehls G, see Brandt MJ et al. (2011) 421:205–216
 Nekola JC, see McClain CR et al. (2011) 422:193–200
 Nelson ML, Craig SF (2011) Role of the sea anemone *Metridium senile* in structuring a developing subtidal fouling community. 421:139–149
 Nemeth RS, see Hitt S et al. (2011) 427:275–291
 Neveux J, see Laviale M (2011) 425:63–77
 Newland C, Field IC, Cherel Y, Guinet C, Bradshaw CJA, McMahon CR, Hindell MA (2011) Diet of juvenile southern elephant seals reappraised by stable isotopes in whiskers. 424:247–258
 Newsome SD, see Hamilton SL et al. (2011) 429:227–244
 Newton J, see Zbinden JA et al. (2011) 421:291–302
 Nichols WJ, see Peckham SH et al. (2011) 425:269–280
 Nielsen SL, see Krause-Jensen D et al. (2011) 425:91–102
 Nielsen TG, see Andersen NG et al. (2011) 426:71–86
 Nielsen TG, see Riemann L et al. (2011) 426:57–70
 Nielsen TG, see Swalethorp R et al. (2011) 429:125–144
 Nilsen F, see Glover KA et al. (2011) 427:161–172
 Nilssen KT, see Grahl-Nielsen O et al. (2011) 426:263–276
 Nivia-Ruiz J, see Hernández P et al. (2011) 424:157–168
 Nodder SD, see Berkenbusch K et al. (2011) 425:79–90
 Nolasco R, see Domingues CP et al. (2011) 425:113–124
 Noren SR, Edwards EF (2011) Infant position in mother-calf dolphin pairs: formation locomotion with hydrodynamic benefits. 424:229–236
 Nøttestad L, see Bernasconi M et al. (2011) 429:209–218
 Nozawa Y, see Huang YCA et al. (2011) 423:83–93
 Nunes C, see Ganas K (2011) 428:235–244
- O**
- O'Dea A, see Okamura B et al. (2011) 430:133–146
 O'Keefe CE, see Stokesbury KDE et al. (2011) 425:167–173
 Ochoa R, see Peckham SH et al. (2011) 425:269–280
 Øien N, see Skern-Mauritzen M et al. (2011) 426:289–301
 Oka N, see Yamamoto T et al. (2011) 424:191–204
 Okamura B, O'Dea A, Knowles T (2011) Bryozoan growth and environmental reconstruction by zooid size variation. 430:133–146
 Oleson EM, see Soldevilla MS et al. (2011) 423:247–260
 Oliver LM, Lehrter JC, Fisher WS (2011) Relating landscape development intensity to coral reef condition in the watersheds of St. Croix, US Virgin Islands. 427:293–302
 Olsen EM, see Lund MB et al. (2011) 424:169–174
 Olsen YS, Fox SE, Teichberg M, Otter M, Valiela I (2011) $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ reveal differences in carbon flow through estuarine benthic food webs in response to the relative availability of macroalgae and eelgrass. 421:83–96
 Omuta K, see Watanabe KK et al. (2011) 424:273–283
 Ono T, see Yoshiki T et al. (2011) 430:63–70
 Orejas C, Ferrier-Pagès C, Reynaud S, Gori A, Beraud E, Tsounis G, Allemand D, Gili JM (2011) Long-term growth rates of four Mediterranean cold-water coral species maintained in aquaria. 429:57–65
 Oro D, see Louzao M et al. (2011) 429:291–301
 Orr LC, see White LF (2011) 424:87–95
 Ortiz V, see Caro AU et al. (2011) 428:177–185
 Oschmann Y, see Weinberger F et al. (2011) 427:83–94
 Otter M, see Olsen YS et al. (2011) 421:83–96
- P**
- Paladino FV, see Shillinger GL et al. (2011) 422:275–289
 Palenik B, see Tai V et al. (2011) 426:133–147
 Palmer M, Balle S, March D, Alós J, Linde M (2011) Size estimation of circular home range from fish mark-release-(single)-recapture data: case study of a small labrid targeted by recreational fishing. 430:87–97
 Palmer M, see Alós J et al. (2011) 427:173–186
 Pannard A, see Klein C et al. (2011) 427:13–27
 Papastamatiou YP, see Eble JA et al. (2011) 428:245–258
 Papastamatiou YP, see Nakamura I et al. (2011) 424:237–246
 Paris CB, see Butler MJ IV et al. (2011) 422:223–237
 Park JI, Kang CK, Suh HL (2011) Ontogenetic diet shift in the euphausiid *Euphausia pacifica* quantified using stable isotope analysis. 429:103–109
 Parner H, see Riemann L et al. (2011) 426:57–70
 Parrish CC, see Pepin P et al. (2011) 423:155–166
 Patti B, see Buscaino G et al. (2011) 423:143–154
 Paul VJ, Kuffner IB, Walters LJ, Ritson-Williams R, Beach KS, Becerro MA (2011) Chemically mediated interactions between macroalgae *Dictyota* spp. and multiple life-history stages of the coral *Porites astreoides*. 426:161–170
 Pearl HW, see Hall NS (2011) 425:1–19
 Pearson E, see Hart PJB (2011) 430:281–288
 Peckham SH, Maldonado Diaz D, Tremblay Y, Ochoa R, Polovina J, Balazs G, Dutton PH, Nichols WJ (2011) Demographic implications of alternative foraging strategies in juvenile loggerhead turtles *Caretta caretta* of the North Pacific Ocean. 425:269–280
 Pedraza SN, see Garaffo GV et al. (2011) 421:217–227
 Peijnenburg KTCA, see Yebra L et al. (2011) 428:135–149
 Peirano A, see Tremblay P et al. (2011) 422:165–177
 Pemberton AJ, Hansson LJ, Bishop JDD (2011) Does sperm supply limit the number of broods produced by a polyembryonic bryozoan?. 430:113–119
 Pemberton AJ, see Hammerschmidt K et al. (2011) 422:123–128
 Pendleton GW, see Blundell GM et al. (2011) 429:277–290
 Pepin P, Parrish CC, Head EJH (2011) Late autumn condition of *Calanus finmarchicus* in the northwestern Atlantic: evidence of size-dependent differential feeding. 423:155–166
 Peralta G, see Van Engeland T et al. (2011) 427:71–81
 Pernet B, see Kosman ET (2011) 429:67–73
 Perrins C, see Riou S et al. (2011) 422:105–112
 Perus J, see Kraufvelin P et al. (2011) 426:13–28
 Peterson CH, see Macreadie PI et al. (2011) 429:87–91
 Peterson TD, Crawford DW, Harrison PJ (2011) Evolution of the phytoplankton assemblage in a long-lived mesoscale eddy in the eastern Gulf of Alaska. 424:53–73
 Petitgas P, see Certain G et al. (2011) 422:23–39
 Pfaff MC, Branch GM, Wieters EA, Branch RA, Broitman BR (2011) Upwelling intensity and wave exposure determine recruitment of intertidal mussels and barnacles in the southern Benguela upwelling region. 425:141–152
 Phillips RA, see Pinet P et al. (2011) 423:291–302
 Piazzi L, see Gennaro P (2011) 427:59–70
 Piedra R, see Shillinger GL et al. (2011) 422:275–289
 Pinaud D, see Pinet P et al. (2011) 423:291–302
 Pinet P, Jaquemet S, Pinaud D, Weimerskirch H, Phillips RA, Le Corre M (2011) Migration, wintering distribution and habitat use of an endangered tropical seabird, Barau's petrel *Pterodroma baraui*. 423:291–302
 Pirzl R, see Gill PC et al. (2011) 421:243–263
 Pittman K, see van der Bank MG et al. (2011) 428:219–233
 Pittman SJ, Kneib RT, Simenstad CA (2011) Practicing coastal seascape ecology. 427:187–190
 Pittman SJ, see Boström C et al. (2011) 427:191–217
 Pittman SJ, see Hitt S et al. (2011) 427:275–291
- Page B, see Gill PC et al. (2011) 421:243–263
 Paillard C, see Bricelj VM et al. (2011) 430:35–48

Pittman SJ, see Kendall MS et al. (2011) 427:259–274
 Pittman SJ, see Wedding LM et al. (2011) 427:219–232
 Pizarro O, see Bridge TCL et al. (2011) 428:63–75
 Place AR, see Mooney BD et al. (2011) 426:213–224
 Polito MJ, Lynch HJ, Naveen R, Emslie SD (2011) Stable isotopes reveal regional heterogeneity in the pre-breeding distribution and diets of sympatrically breeding *Pygoscelis* spp. penguins. 421:265–277
 Polovina J, see Peckham SH et al. (2011) 425:269–280
 Pondella DJ II, see Hamilton SL et al. (2011) 429:227–244
 Porri F, Hill JM, McQuaid CD (2011) Associations in ephemeral systems: the lack of trophic relationships between sandhoppers and beach wrack. 426:253–262
 Pörtner HO, see Storch D et al. (2011) 429:157–167
 Pow CL, see Tzortziou M et al. (2011) 426:41–56
 Powers SP, see Gerald NR (2011) 427:51–58
 Prado P, Heck KL Jr (2011) Seagrass selection by omnivorous and herbivorous consumers: determining factors. 429:45–55
 Pratchett MS, see Cole AJ (2011) 422:155–164
 Prewitt J, see Hoover-Miller A et al. (2011) 424:259–271
 Probert PK, see Berkenbusch K et al. (2011) 425:79–90
 Probert PK, see Brewin PE et al. (2011) 425:175–191
 Prodöhl PA, see Bailie DA et al. (2011) 421:173–182
 Prouty NG, Roark EB, Buster NA, Ross SW (2011) Growth rate and age distribution of deep-sea black corals in the Gulf of Mexico. 423:101–115

Q

Qian W, see Liu B et al. (2011) 429:93–101
 Queiroga H, see Domingues CP et al. (2011) 425:113–124
 Quesada H, see Cuña V et al. (2011) 427:133–143
 Quillfeldt P, Schroff S, van Noordwijk HJ, Michalik A, Ludyntia K, Masello JF (2011) Flexible foraging behaviour of a sexually dimorphic seabird: large males do not always dive deep. 428:271–287
 Quillfeldt P, see Riou S et al. (2011) 422:105–112
 Quiñones RA, see Jacob B et al. (2011) 430:23–34
 Quintana CO, see Kristensen E et al. (2011) 425:125–139

R

Raine R, see Touzet N et al. (2011) 425:21–33
 Rangel-Campo A, see Venera-Ponton DE et al. (2011) 421:109–115
 Rasheed MA, Unsworth RKF (2011) Long-term climate-associated dynamics of a tropical seagrass meadow: implications for the future. 422:93–103
 Rasmussen MB, see Krause-Jensen D et al. (2011) 425:91–102
 Reed DC, see Cavanaugh KC et al. (2011) 429:1–17
 Regan HM, see Mizerek T et al. (2011) 427:247–257
 Reñé A, see Basterretxea G et al. (2011) 423:15–28
 Renom P, see Serrano O et al. (2011) 423:29–38
 Reum JCP, Essington TE, Greene CM, Rice CA, Fresh KL (2011) Multiscale influence of climate on estuarine populations of forage fish: the role of coastal upwelling, freshwater flow and temperature. 425:203–215
 Reynaud S, see Orejas C et al. (2011) 429:57–65
 Rhodes KL, Taylor BM, McIlwain JL (2011) Detailed demographic analysis of an *Epinephelus polyphkadion* spawning aggregation and fishery. 421:183–198
 Rice CA, see Reum JCP et al. (2011) 425:203–215
 Richard J, see Denis V et al. (2011) 428:105–117
 Richardson K, see Riemann L et al. (2011) 426:57–70

Richlen ML, Lobel PS (2011) Effects of depth, habitat, and water motion on the abundance and distribution of ciguatera dinoflagellates at Johnston Atoll, Pacific Ocean. 421:51–66
 Richoux NB, see van der Bank MG et al. (2011) 428:219–233
 Ridoux V, see Certain G et al. (2011) 422:23–39
 Riemann L, Nielsen TG, Kragh T, Richardson K, Parner H, Jakobsen HH, Munk P (2011) Distribution and production of plankton communities in the subtropical convergence zone of the Sargasso Sea. I. Phytoplankton and bacterioplankton. 426:57–70
 Riemann L, see Andersen NG et al. (2011) 426:71–86
 Riou S, Gray CM, Brooke MdL, Quillfeldt P, Masello JF, Perrins C, Hamer KC (2011) Recent impacts of anthropogenic climate change on a higher marine predator in western Britain. 422:105–112
 Ritchie KB, see Daniels CA et al. (2011) 426:29–40
 Ritson-Williams R, see Paul VJ et al. (2011) 426:161–170
 Roark EB, see Prouty NG et al. (2011) 423:101–115
 Robb L, see Gibson RN et al. (2011) 430:197–205
 Roberts DG, Gray CA, West RJ, Ayre DJ (2011) Temporal stability of a hybrid swarm between the migratory marine and estuarine fishes *Acanthopagrus australis* and *A. butcheri*. 421:199–204
 Robertson BC, see Torres LG et al. (2011) 428:289–301
 Rogers SI, see Foden J et al. (2011) 428:33–47
 Rohde S, see Weinberger F et al. (2011) 427:83–94
 Rolán-Alvarez E, see Cuña V et al. (2011) 427:133–143
 Roldán MI, see Fernández MV et al. (2011) 421:163–171
 Romero J, see Manzanera M et al. (2011) 423:47–56
 Rose KA, see Bi H et al. (2011) 427:145–159
 Ross SW, see Prouty NG et al. (2011) 423:101–115
 Rouyer T, see Hidalgo M et al. (2011) 426:1–12
 Rowden AA, see Tracey DM et al. (2011) 430:1–22
 Ruiz GM, see deRivera CE et al. (2011) 429:145–155
 Ryan KG, see Martin A et al. (2011) 424:25–37
 Rysgaard S, see Swalethorp R et al. (2011) 429:125–144

S

Sagar PM, see Torres LG et al. (2011) 428:289–301
 Salvanes AGV, Utne-Palm AC, Currie B, Braithwaite VA (2011) Behavioural and physiological adaptations of the bearded goby, a key fish species of the extreme environment of the northern Benguela upwelling. 425:193–202
 Sampayo E, see Wang JT et al. (2011) 422:51–62
 Sanchez-Camara J, Martin-Smith K, Booth DJ, Fritschi J, Turon X (2011) Demographics and vulnerability of a unique Australian fish, the weedy seadragon *Phyllopteryx taeniolatus*. 422:253–264
 Santos MB, see Certain G et al. (2011) 422:23–39
 Santos RO, Lirman D, Serafy JE (2011) Quantifying freshwater-induced fragmentation of submerged aquatic vegetation communities using a multi-scale landscape ecology approach. 427:233–246
 Sato K, see Nakamura I et al. (2011) 424:237–246
 Sato K, see Watanabe KK et al. (2011) 424:273–283
 Sato K, see Yamamoto T et al. (2011) 424:191–204
 Saulitis EL, see Barrett-Lennard LG et al. (2011) 421:229–241
 Saura M, see Cuña V et al. (2011) 427:133–143
 Scheibling RE, see Krumhansl KA (2011) 421:67–82
 Schiavini A, see Garaffo GV et al. (2011) 421:217–227
 Schiel DR, see Tait LW (2011) 421:97–107
 Schlacher TA, see Meager JJ et al. (2011) 428:1–12
 Schmitt RJ, see Morgan SG et al. (2011) 425:103–112
 Schofield O, see Cermeño P et al. (2011) 429:19–28
 Schroff S, see Quillfeldt P et al. (2011) 428:271–287

- Schubert H, see Telesh IV et al. (2011) 421:1–11
- Schuman C, see Baumgartner MF et al. (2011) 423:167–184
- Segal R, see Armoza-Zvuloni R et al. (2011) 426:149–159
- Sejr MK, see Blicher ME (2011) 422:139–144
- Selph KE, see Landry MR et al. (2011) 421:13–24
- Sequeira A, see Domingues CP et al. (2011) 425:113–124
- Serafy JE, see Santos RO et al. (2011) 427:233–246
- Serrano O, Mateo MA, Renom P (2011) Seasonal response of *Posidonia oceanica* to light disturbances. 423:29–38
- Serrão EA, see Aires T et al. (2011) 421:117–130
- Shahnaz L, see Weinberger F et al. (2011) 427:83–94
- Shanks AL, Shearman RK (2011) Thread-drifting juvenile *Mytilus* spp. in continental shelf waters off Coos Bay, Oregon, USA. 427:105–115
- Shanks AL, see Cooper EE (2011) 424:133–143
- Shearman RK, see Shanks AL (2011) 427:105–115
- Shillinger GL, Swithenbank AM, Bailey H, Bograd SJ, Castleton MR, Wallace BP, Spotila JR, Paladino FV, Piedra R, Block BA (2011) Vertical and horizontal habitat preferences of post-nesting leatherback turtles in the South Pacific Ocean. 422:275–289
- Shimizu A, see Yoshiki T et al. (2011) 430:63–70
- Shin PKS, see Liu CC et al. (2011) 429:75–85
- Shorten M, see Davenport J et al. (2011) 430:171–182
- Siddon EC, Duffy-Anderson JT, Mueter FJ (2011) Community-level response of fish larvae to environmental variability in the southeastern Bering Sea. 426:225–239
- Siegel DA, see Cavanaugh KC et al. (2011) 429:1–17
- Silverstein RN, Correa AMS, LaJeunesse TC, Baker AC (2011) Novel algal symbiont (*Symbiodinium* spp.) diversity in reef corals of Western Australia. 422:63–75
- Simenstad C, see Boström C et al. (2011) 427:191–217
- Simenstad CA, see Pittman SJ et al. (2011) 427:187–190
- Simoni R, see Cannici S et al. (2011) 430:121–131
- Simpfendorfer CA, see Knip DM et al. (2011) 425:233–246
- Skarlato SO, see Telesh IV et al. (2011) 421:1–11
- Skern-Mauritzen M, Johannesen E, Bjørge A, Øien N (2011) Baleen whale distributions and prey associations in the Barents Sea. 426:289–301
- Smee DL, see Large SI et al. (2011) 422:41–49
- Smith CM, see Vermeij MJA et al. (2011) 422:1–7
- Smith CR, see Neal L et al. (2011) 428:119–134
- Smith QT, Eckert GL (2011) Spatial variation and evidence of multiple transport pathways for Dungeness crab *Cancer magister* late-stage larvae in southeastern Alaska. 429:185–196
- Sobarzo M, see Jacob B et al. (2011) 430:23–34
- Soetaert K, see Braeckman U et al. (2011) 422:179–191
- Soetaert K, see Van den Meersche K et al. (2011) 429:29–43
- Soetaert K, see Van Engeland T et al. (2011) 427:71–81
- Soldevilla MS, Wiggins SM, Hildebrand JA, Oleson EM, Ferguson MC (2011) Risso's and Pacific white-sided dolphin habitat modeling from passive acoustic monitoring. 423:247–260
- Solé-Cava AM, see Lazoski C et al. (2011) 426:197–212
- Song H, Ji R, Stock C, Kearney K, Wang Z (2011) Interannual variability in phytoplankton blooms and plankton productivity over the Nova Scotian Shelf and in the Gulf of Maine. 426:105–118
- Soreide JE, see Daase M et al. (2011) 429:111–124
- Sorenson L, see Eble JA et al. (2011) 428:245–258
- Speed CW, Meekan MG, Field IC, McMahon CR, Stevens JD, McGregor F, Huvneers C, Berger Y, Bradshaw CJA (2011) Spatial and temporal movement patterns of a multi-species coastal reef shark aggregation. 429:261–275
- Spotila JR, see Shillinger GL et al. (2011) 422:275–289
- St John MA, see Acheampong E et al. (2011) 428:151–159
- Staby A, Aksnes DL (2011) Follow the light—diurnal and seasonal variations in vertical distribution of the mesopelagic fish *Maurollicus muelleri*. 422:265–273
- Stenseth NC, see Hidalgo M et al. (2011) 426:1–12
- Stenseth NC, see Lund MB et al. (2011) 424:169–174
- Stenseth NC, see Moland E et al. (2011) 429:197–207
- Stevens JD, see Speed CW et al. (2011) 429:261–275
- Stock C, see Song H et al. (2011) 426:105–118
- Stokesbury KDE, Carey JD, Harris BP, O'Keefe CE (2011) Incidental fishing mortality may be responsible for the death of ten billion juvenile sea scallops in the mid-Atlantic. 425:167–173
- Stølen ÅB, see Glover KA et al. (2011) 427:161–172
- Storch D, Fernández M, Navarrete SA, Pörtner HO (2011) Thermal tolerance of larval stages of the Chilean kelp crab *Taliepus dentatus*. 429:157–167
- Sturaro N, see Vermeulen S et al. (2011) 422:9–22
- Suh HL, see Park JI et al. (2011) 429:103–109
- Suthers IM, see Henschke N et al. (2011) 430:49–62
- Suzuki G, Arakaki S, Hayashibara T (2011) Rapid *in situ* settlement following spawning by *Acropora* corals at Ishigaki, southern Japan. 421:131–138
- Svedäng H, see Cardinale M (2011) 425:297–301
- Swalethorp R, Kjellerup S, Dünweber M, Nielsen TG, Møller EF, Rysgaard S, Hansen BW (2011) Grazing, egg production, and biochemical evidence of differences in the life strategies of *Calanus finmarchicus*, *C. glacialis* and *C. hyperboreus* in Disko Bay, western Greenland. 429:125–144
- Swartzman G, see Ayón P et al. (2011) 422:211–222
- Sweetman AK, see van der Bank MG et al. (2011) 428:219–233
- Swithenbank AM, see Shillinger GL et al. (2011) 422:275–289
- Switzer AD, see Goodkin NF et al. (2011) 426:185–196
- Sydeman WJ, see Bond AL et al. (2011) 424:205–218

T

- Tai V, Burton RS, Palenik B (2011) Temporal and spatial distributions of marine *Synechococcus* in the Southern California Bight assessed by hybridization to bead-arrays. 426:133–147
- Tait LW, Schiel DR (2011) Dynamics of productivity in naturally structured macroalgal assemblages: importance of canopy structure on light-use efficiency. 421:97–107
- Takahashi A, see Yamamoto T et al. (2011) 424:191–204
- Takeshita H, see Watanabe KK et al. (2011) 424:273–283
- Tang KW, see Elliott DT (2011) 427:1–12
- Tang Q, Zhang J, Fang J (2011) Shellfish and seaweed mariculture increase atmospheric CO₂ absorption by coastal ecosystems. 424:97–104
- Tang SL, see Wang JT et al. (2011) 422:51–62
- Tavares S, see Domingues CP et al. (2011) 425:113–124
- Taylor BM, see Rhodes KL et al. (2011) 421:183–198
- Taylor GA, see Torres LG et al. (2011) 428:289–301
- Taylor MD, see Henschke N et al. (2011) 430:49–62
- Teichberg M, see Olsen YS et al. (2011) 421:83–96
- Teira E, Martínez-García S, Carreira C, Morán XAG (2011) Changes in bacterioplankton and phytoplankton community composition in response to nutrient additions in coastal waters off the NW Iberian Peninsula. 426:87–104
- Telesh IV, Schubert H, Skarlato SO (2011) Revisiting Remane's concept: evidence for high plankton diversity and a protistan species maximum in the horohalinicum of the Baltic Sea. 421:1–11
- Thiebot JB, Cherel Y, Trathan PN, Bost CA (2011) Inter-population segregation in the wintering areas of macaroni

- penguins. 421:279–290
- Thompson DR, see Torres LG et al. (2011) 428:289–301
- Thomson R, see Borstad G et al. (2011) 424:285–302
- Thorn C, see Martin A et al. (2011) 424:25–37
- Thornton B, see Gontikaki E et al. (2011) 421:39–50
- Thorrold SR, see Munday PL et al. (2011) 423:211–221
- Thrush SF, Chiantore M, Asnagi V, Hewitt J, Fiorentino D, Cattaneo-Vietti R (2011) Habitat–diversity relationships in rocky shore algal turf infaunal communities. 424:119–132
- Tian R, see Hu S et al. (2011) 427:29–49
- Titelman J, see Hosa A et al. (2011) 422:129–138
- Tobin AJ, see Knip DM et al. (2011) 425:233–246
- Toda T, see Yoshiki T et al. (2011) 430:63–70
- Tomas F, see Manzanera M et al. (2011) 423:47–56
- Toole CL, Brodeur RD, Donohoe CJ, Markle DF (2011) Seasonal and interannual variability in the community structure of small demersal fishes off the central Oregon coast. 428:201–217
- Toonen RJ, see Eble JA et al. (2011) 428:245–258
- Torres LG, Thompson DR, Bearhop S, Votier S, Taylor GA, Sagar PM, Robertson BC (2011) White-capped albatrosses alter fine-scale foraging behavior patterns when associated with fishing vessels. 428:289–301
- Torrissen O, see Glover KA et al. (2011) 427:161–172
- Touzet N, Lacaze JP, Maher M, Turrell E, Raine R (2011) Summer dynamics of *Alexandrium ostenfeldii* (Dinophyceae) and spirolide toxins in Cork Harbour, Ireland. 425:21–33
- Townsend DW, see Hu S et al. (2011) 427:29–49
- Tracey DM, Rowden AA, Mackay KA, Compton T (2011) Habitat-forming cold-water corals show affinity for seamounts in the New Zealand region. 430:1–22
- Trathan PN, see Thiebot JB et al. (2011) 421:279–290
- Trathan PN, see Yamamoto T et al. (2011) 424:191–204
- Tremblay P, Peirano A, Ferrier-Pagès C (2011) Heterotrophy in the Mediterranean symbiotic coral *Cladocora caespitosa*: comparison with two other scleractinian species. 422:165–177
- Tremblay Y, see Peckham SH et al. (2011) 425:269–280
- True JD, see Goodkin NF et al. (2011) 426:185–196
- Trussell GC, see Large SI et al. (2011) 422:41–49
- Tsounis G, see Orejas C et al. (2011) 429:57–65
- Tsukamoto K, see Watanabe KK et al. (2011) 424:273–283
- Tunncliffe V, see Du Preez C (2011) 425:217–231
- Tuo Sh, see Lee Chen YI et al. (2011) 421:25–38
- Turco A, see Fernández MV et al. (2011) 421:163–171
- Turon X, see Sanchez-Camara J et al. (2011) 422:253–264
- Turrell E, see Touzet N et al. (2011) 425:21–33
- Tyler AC, see McLenaghan NA et al. (2011) 426:171–184
- Tzortziou M, Neale PJ, Megonigal JP, Pow CL, Butterworth M (2011) Spatial gradients in dissolved carbon due to tidal marsh outwelling into a Chesapeake Bay estuary. 426:41–56
- matter supports hetero- and autotrophic production in coastal waters. 423:1–14
- Valiela I, see Olsen YS et al. (2011) 421:83–96
- Van Canneyt O, see Certain G et al. (2011) 422:23–39
- Van Colen C, see Braeckman U et al. (2011) 422:179–191
- van de Poll WH, Lagunas M, de Vries T, Visser RJW, Buma AGJ (2011) Non-photochemical quenching of chlorophyll fluorescence and xanthophyll cycle responses after excess PAR and UVR in *Chaetoceros brevis*, *Phaeocystis antarctica* and coastal Antarctic phytoplankton. 426:119–131
- Van den Meersche K, Soetaert K, Middelburg JJ (2011) Plankton dynamics in an estuarine plume: a mesocosm ¹³C and ¹⁵N tracer study. 429:29–43
- van der Bank MG, Utne-Palm AC, Pittman K, Sweetman AK, Richoux NB, Brüchert V, Gibbons MJ (2011) Dietary success of a 'new' key fish in an overfished ecosystem: evidence from fatty acid and stable isotope signatures. 428:219–233
- Van Engeland T, Bouma TJ, Morris EP, Brun FG, Peralta G, Lara M, Hendriks IE, Soetaert K, Middelburg JJ (2011) Potential uptake of dissolved organic matter by seagrasses and macroalgae. 427:71–81
- van Noordwijk HJ, see Quillfeldt P et al. (2011) 428:271–287
- Vanaverbeke J, see Braeckman U et al. (2011) 422:179–191
- Vaudo JJ, Heithaus MR (2011) Dietary niche overlap in a nearshore elasmobranch mesopredator community. 425:247–260
- Venera-Ponton DE, Diaz-Pulido G, McCook LJ, Rangel-Campo A (2011) Macroalgae reduce growth of juvenile corals but protect them from parrotfish damage. 421:109–115
- Vermeij MJA, Dailer ML, Smith CM (2011) Crustose coralline algae can suppress macroalgal growth and recruitment on Hawaiian coral reefs. 422:1–7
- Vermeulen S, Sturaro N, Gobert S, Bouquegneau JM, Lepoint G (2011) Potential early indicators of anthropogenically derived nutrients: a multiscale stable isotope analysis. 422:9–22
- Véron B, see Klein C et al. (2011) 427:13–27
- Villac CM, Kaczmarek I (2011) Estimating propagule pressure and viability of diatoms detected in ballast tank sediments of ships arriving at Canadian ports. 425:47–61
- Villalobos-Rojas F, see Hernández P et al. (2011) 424:157–168
- Vincx M, see Braeckman U et al. (2011) 422:179–191
- Visser RJW, see van de Poll WH et al. (2011) 426:119–131
- Voss M, see Bombar D et al. (2011) 424:39–52
- Votier S, see Torres LG et al. (2011) 428:289–301

W

- Unsworth RKF, see Rasheed MA (2011) 422:93–103
- Urban-Rich J, see Baumgartner MF et al. (2011) 423:167–184
- Utne-Palm AC, see Salvanes AGV et al. (2011) 425:193–202
- Utne-Palm AC, see van der Bank MG et al. (2011) 428:219–233
- V
- Vähätalo AV, Aarnos H, Hoikkala L, Lignell R (2011) Photochemical transformation of terrestrial dissolved organic
- Waap S, see Domingues CP et al. (2011) 425:113–124
- Wahl M, see Weinberger F et al. (2011) 427:83–94
- Walker DI, see Aires T et al. (2011) 421:117–130
- Walker TN, Grahame JW (2011) Shell shape variation and fitness variables in the gastropod *Littorina saxatilis*. 430:103–111
- Wallace BP, see Shillinger GL et al. (2011) 422:275–289
- Walters LJ, see Paul VJ et al. (2011) 426:161–170
- Wang JT, Meng PJ, Sampayo E, Tang SL, Chen CA (2011) Photosystem II breakdown induced by reactive oxygen species in freshly-isolated *Symbiodinium* from *Montipora* (Scleractinia; Acroporidae). 422:51–62
- Wang Z, see Song H et al. (2011) 426:105–118
- Ward BB, see Fawcett SE (2011) 428:13–31
- Watanabe KK, Hatase H, Kinoshita M, Omuta K, Bando T,

- Kamezaki N, Sato K, Matsuzawa Y, Goto K, Nakashima Y, Takeshita H, Aoyama J, Tsukamoto K (2011) Population structure of the loggerhead turtle *Caretta caretta*, a large marine carnivore that exhibits alternative foraging behaviors. 424:273–283
- Watanabe YY, see Nakamura I et al. (2011) 424:237–246
- Watson CA, see Daniels CA et al. (2011) 426:29–40
- Waycott M, see Bricker E et al. (2011) 423:57–67
- Webster JM, see Bridge TCL et al. (2011) 428:63–75
- Webster NS, see Bannister RJ et al. (2011) 423:95–100
- Wedding LM, Lepczyk CA, Pittman SJ, Friedlander AM, Jorgensen S (2011) Quantifying seascape structure: extending terrestrial spatial pattern metrics to the marine realm. 427:219–232
- Wehrtmann IS, see Hernáez P et al. (2011) 424:157–168
- Weimerskirch H, see Pinet P et al. (2011) 423:291–302
- Weinberger F, Rohde S, Oschmann Y, Shahnaz L, Dobretsov S, Wahl M (2011) Effects of limitation stress and of disruptive stress on induced antigrazing defense in the bladder wrack *Fucus vesiculosus*. 427:83–94
- Wenzel FW, see Baumgartner MF et al. (2011) 423:167–184
- West RJ, see Roberts DG et al. (2011) 421:199–204
- Whalan S, see Bannister RJ et al. (2011) 423:95–100
- White JG, see Arnould JPY et al. (2011) 422:291–302
- White JW, see Morgan SG et al. (2011) 425:103–112
- White LF, Orr LC (2011) Native clams facilitate invasive species in an eelgrass bed. 424:87–95
- Whiteley NM (2011) Physiological and ecological responses of crustaceans to ocean acidification. 430:257–271
- Wieters EA, see Pfaff MC et al. (2011) 425:141–152
- Wiggins SM, see Soldevilla MS et al. (2011) 423:247–260
- Wilbur AE, see Hemond EM (2011) 423:131–142
- Williams JC, see Bond AL et al. (2011) 424:205–218
- Williams SB, see Bridge TCL et al. (2011) 428:63–75
- Wing SR, Leichter JJ (2011) Variation in environmental conditions in a subtidal prey refuge: effects of salinity stress, food availability and predation on mussels in a fjord system. 422:201–210
- Witte U, see Gontikaki E et al. (2011) 421:39–50
- Womble JN, see Blundell GM et al. (2011) 429:277–290
- Wong KB, see Lammers MO et al. (2011) 423:261–268
- Worm B, see Boudreau SA et al. (2011) 429:169–183
- Wright KJ, Higgs DM, Leis JM (2011) Ontogenetic and inter-specific variation in hearing ability in marine fish larvae. 424:1–13
- Wunderlich A, see Mayr CC et al. (2011) 428:89–104
- Wyman K, see Cermeño P et al. (2011) 429:19–28

Y

- Yamamoto T, Takahashi A, Oka N, Iida T, Katsumata N, Sato K, Trathan PN (2011) Foraging areas of streaked shearwaters in relation to seasonal changes in the marine environment of the Northwestern Pacific: inter-colony and sex-related differences. 424:191–204
- Yan Y, see Li T et al. (2011) 424:75–85
- Yang EJ, see Landry MR et al. (2011) 421:13–24
- Yang TT, see Goodkin NF et al. (2011) 426:185–196
- Yebrá L, Bonnet D, Harris RP, Lindeque PK, Peijnenburg KTCA (2011) Barriers in the pelagic: population structuring of *Calanus helgolandicus* and *C. euxinus* in European waters. 428:135–149
- Yeh J, Drazen JC (2011) Baited-camera observations of deep-sea megafaunal scavenger ecology on the California slope. 424:145–156
- Yoshiki T, Ono T, Shimizu A, Toda T (2011) Effect of hydrostatic pressure on eggs of *Neocalanus* copepods during spawning in the deep-layer. 430:63–70
- Young KA, see Hamilton SL et al. (2011) 429:227–244

Z

- Zbinden JA, Bearhop S, Bradshaw P, Gill B, Margaritoulis D, Newton J, Godley BJ (2011) Migratory dichotomy and associated phenotypic variation in marine turtles revealed by satellite tracking and stable isotope analysis. 421:291–302
- Zehr JP, see Bombar D et al. (2011) 424:39–52
- Zeifman A, see Daniels CA et al. (2011) 426:29–40
- Zhang J, see Tang Q et al. (2011) 424:97–104
- Zieman JC, see Bricker E et al. (2011) 423:57–67
- Zieringer M, see Mayr CC et al. (2011) 428:89–104