**WSN 2019 POSTER LIST for JUDGES**

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**POSTER TITLES**

\* indicates presenting author  
† indicates eligibility for Best Student Paper/Poster Award

1 - **†Pierce, K. M.\*, Neumann, K. C., Burkepile, D. E., Zubia, M.**   
MACROALGAL SPECIES RICHNESS AS AN INDICATOR OF NUTRIENT ENRICHMENT ON FRINGING REEFS IN MO’OREA, FRENCH POLYNESIA  
**Category**: Community/Ecosystem Ecology

2 - **†Green, C. K.\*, Underhill, W. J.**  
LAND USE CHANGE AND EUTROPHICATION IN CORAL REEF ECOSYSTEMS ON MO’OREA FRENCH POLYNESIA  
**Category**: Observational Ecology (Rafe Sagarin Award)

4 - **†Bergman, C. N.\*, Hovel, K. A.**  
IMPACT OF OCEAN ACIDIFICATION AND CLIMATE CHANGE ON ZOSTERA MARINA AND ASSOCIATED FAUNA  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

5 - **†Barton, E. M.\*, Hale, T. C., Rempel, H. S., Ruttenberg, B. I.**  
ECOLOGICAL DRIVERS OF PARROTFISH CORALLIVORY ACROSS THE GREATER CARIBBEAN  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

6 - **†Hart, C. E.\*, Lanphier, K. , Shields, M. , Eckert, G. L.**  
SPATIAL AND TEMPORAL VARIATION OF PARALYTIC SHELLFISH TOXICITY IN THE COMMERCIAL GEODUCK CLAM FISHERY OF SOUTHEAST ALASKA  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

8 - **†Hull, W. W.\*, Bourdeau, B. E.**  
BREAKING AND ENTERING: DISENTANGLING MULTIPLE PREDATOR EFFECTS OF CRABS AND SEA STARS ON CALIFORNIA MUSSELS  
**Category**: Community/Ecosystem Ecology

9 - **†Ayala, G. S.\***  
EPIFAUNAL COMMUNITY RECOVERY IN SAN FRANCISCO ESTUARY EELGRASS (ZOSTERA MARINA) BEDS FOLLOWING A LOW SALINITY PERIOD  
**Category**: Community/Ecosystem Ecology

10 - **†Krier, L. E.\*, Kensinger, S. , Haupt, A. J., Crandall, E. D.**  
LARVA ME NOW OR LARVA ME NOT: IS CAPE MENDOCINO A BARRIER TO LARVAL DISPERSAL?  
**Category**: Organismal/Population Biology

11 - **†Sugano, C. S.\*, Hoshijima, U. , Hofmann, G. E.**  
CYCLIC, EPISODIC, AND MACROPHYTE-DRIVEN ENVIRONMENTAL VARIABILITY IN THE CONTEXT OF OCEAN GLOBAL CHANGE  
**Category**: Community/Ecosystem Ecology

12 - **†Peria, J. N.\*, Pernet, B.**   
TOLERANCE TO SALINITY AND THERMAL STRESS BY LARVAE AND ADULTS OF THE SERPULID ANNELID *FICOPOMATUS ENIGMATICUS*  
**Category**: Organismal/Population Biology

13 - **†Schouweiler, M. D.\*, Bell, L. E., Kroeker, K. J.**  
EFFECTS OF PH AND TEMPERATURE ON THE EXCRETION RATE AND NUTRITIONAL QUALITY OF KELP FOREST GRAZER FECES  
**Category**: Community/Ecosystem Ecology

15 - **†Ton, V. T.\*, Hamilton, S. L.**  
PACIFIC HERRING (CLUPEA PALLASII) EXPERIENCE DETRIMENTAL EFFECTS OF OCEAN ACIDIFICATION AND HYPOXIA IN EARLY LIFE STAGES  
**Category**: Organismal/Population Biology

16 - **†Berger, A. N.\*, Clark, C. J.**  
TO SING IN TWO WAYS A ‘TAIL’ OF CONVERGING ACOUSTIC MATING DISPLAYS  
**Category**: Organismal/Population Biology

19 - **†Leonardi, N. D.\*, Thuesen, E. V., Haddock, S. H.**  
MORPHOMETRIC ANALYSIS OF COLLOBLASTS IN NINE FAMILIES OF THE PHYLUM CTENOPHORA  
**Category**: Organismal/Population Biology

20 - **†Matthews, A. M.\*, Rempel, H. S., Ruttenberg, B. I.**  
IMPACTS OF MAJOR HURRICANES ON BENTHIC COMMUNITY COMPOSITION ON A CARIBBEAN CORAL REEF  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

21 - **†Cohn, B. C.\*, Nickols, K. J.**  
EFFECTS OF AN EPIPHYTIC BRYOZOAN ON THE GROWTH AND PHOTOSYNTHETIC PRODUCTION OF THE GIANT KELP MACROCYSTIS PYRIFERA  
**Category**: Observational Ecology (Rafe Sagarin Award)

22 - **†Akaka, K. \*, Rodrigues, J. P., Puniwai, N.**   
RE-EMERGENCE OF INDIGENOUS SCIENCE IN HAWAI<U+02BB>I  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

23 - **†Mandy L. Hansen, \***  
INVASIVE MANGROVES REDUCE HABITAT FOR BURROWING SHRIMP AND GOBY PAIRS IN KANEOHE BAY  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

24 - **†Smith, L. S.\*, Ryznar, E. , Fong, P.**   
DO HIGH TEMPERATURE EXCURSIONS FACILITATE *SARGASSUM HORNERI* EXPANSION BY MAINTAINING GROWTH DURING KELP DECLINES?  
**Category**: Community/Ecosystem Ecology

26 - **†Ibarra-Macias, B. \*, Montaño-Moctezuma, G. , Raimondi, P. T., Fletcher, N. , Beas-Luna, R. , Abadia-Cardoso, A. , Lorda-Solorzano, J. , Lafarga-de la Cruz, F.**   
BLACK ABALONE STATUS IN BAJA CALIFORNIA, MEXICO. IDENTIFYING CRITICAL SITES TO PROMOTE ITS RECOVERY  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

28 - **†Larios, M. \***

**Category**: Observational Ecology (Rafe Sagarin Award)

29 - **†Rivera Larrea, I. A.\*, Dr. Talley, D. M.**  
ASSESSMENT OF *FEROCACTUS GATESII* POPULATIONS IN BAHIA DE LOS ANGELES USING MANUAL COLLECTION AND UAVS  
**Category**: Organismal/Population Biology

30 - **†Raemer, D. R.\*, Cass, C. J., O’Shea, D. C.**  
QUANTIFICATION OF MICROPLASTIC CONTENTS IN BIVALVES FROM HUMBOLDT BAY, CALIFORNIA USING ENZYMATIC DIGESTION METHODS  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

31 - **†Reed, K. \*, Forrester, G. , Chille, E. , Nickles, K.**   
BEHAVIORAL MECHANISMS UNDERLYING PARASITE-MEDIATED COMPETITION FOR REFUGES IN A CORAL REEF FISH  
**Category**: Organismal/Population Biology

32 - **†Gonzalez-Vera, C. G.\*, Bello-Bedoy, R. , Arteaga-Uribe, M. C.**  
GENETIC VARIATION IN TOTAL PHENOLIC CONTENT AND TRICHOME DENSITY ASSOCIATED TO DEFENSE IN CAPSICUM ANNUUM VAR. GLABRIUSCULUM  
**Category**: Organismal/Population Biology

39 - **†Waldschmidt, A. J.\*, Bolwerk, A. T., Eckert, G. L.**  
PINTO ABALONE CRYPTIC BEHAVIOR IN RELATION TO THEIR SIZE AND HABITAT COMPLEXITY IN SOUTHEAST ALASKA  
**Category**: Community/Ecosystem Ecology

41 - **†Goin, G. \*, Puniwai, N.**   
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**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

44 - **†Valenzuela-Apodaca, E. A.\*, Bello-Bedoy, R. , Arteaga-Uribe, M. C.**  
DEFENSIVE RESPONSE TO MECHANICAL DAMAGE AND HERBIVORE RESISTANCE IN DOMESTICATED AND WILD CHILI CAPSICUM ANNUUM VAR. GLABRIUSCULUM  
**Category**: Organismal/Population Biology

45 - **†Lamore, R. J.\*, Rempel, H. S., Vanderbloomer, P. D., Ruttenberg, B. I.**  
CONTEXT DEPENDENT VARIATION IN PARROTFISH CORALLIVORY ON ENDANGERED ORBICELLA ANNULARIS CORALS ACROSS CARIBBEAN REEFS  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

48 - **†Gavriel, D. \*, Samara, Y. , Ogburn, M. B., Breitburg, D. L., Donelan, S. C.**  
EFFECTS OF CULTURE METHOD ON SEX RATIOS OF EASTERN OYSTER (CRASSOSTREA VIRGINICA) IN OYSTER FARMS AND REEFS OF THE CHESAPEAKE BAY.  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

49 - **†Hannibal, K. N.\*, Dudgeon, S. R.**  
THE EFFECTS OF DASYSIPHONIA JAPONICA ON MYTILUS EDULIS’ GROWTH, SETTLEMENT, AND SURVIVORSHIP.  
**Category**: Organismal/Population Biology

50 - **†Lim, E. G.\*, Ens, N. J., Howard, B. R., Eastham, T. M.**  
A COMPARISON OF THE PREDATORY IMPACTS OF INVASIVE AND NATIVE CRAB SPECIES USING A FUNCTIONAL RESPONSE APPROACH  
**Category**: Community/Ecosystem Ecology

52 - **†Pyles, A. M.\*, Claisse, J. T.**  
HABITAT USE PATTERNS OF GARIBALDI (HYPSYPOPS RUBICUNDUS) ON NATURAL AND ARTIFICIAL REEFS IN SOUTHERN CALIFORNIA WITH POTENTIAL IMP  
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53 - **†Tettelbach, C. R.\***  
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**Category**: Community/Ecosystem Ecology

54 - **†Hammond, C. R.\*, Tomassetti, C. , Karam, S. , Soper, R.**   
URBANIZATION AFFECTS WESTERN BLUEBIRD (*SIALIA MEXICANA*) NESTING BEHAVIOR AND SUCCESS  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

56 - **†Cates R.J., \*, Domke, L. , Raymond, W. W., Eckert, G. L., Noel, B. , Waldschmidt, A.**   
GOOD EATING: CRAB ABUNDANCE AND SIZE DISTRIBUTION ALONG A SEA OTTER GRADIENT IN SOUTHEAST ALASKA  
**Category**: Community/Ecosystem Ecology

57 - **†Hudson, H. A.\*, Dibble, C. D., Satterthwaite, E. V., Killeen, H. J., Small, S. L., Morgan, S. G.**  
VARIATION IN GROUND FISH SPECIES RESPONSES TO MARINE PROTECTED AREAS  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

61 - **†Leonard, S. J.\*, Selgrath, J. C., Pearse, J. S., Carlton, J. T., Watanabe, J. M., Glynn, P. W., Elahi, R. , Micheli, F.**   
LONG-TERM CHANGE IN AN INTERTIDAL COMMUNITY  
**Category**: Observational Ecology (Rafe Sagarin Award)

62 - **†Charendoff, J. A.\*, Edwards, C. B., Pedersen, N. , Petrovic, V. , Zgliczynski, B. , Sandin, S. A., Smith, J. E.**  
EVIDENCE FOR PARROTFISH\_MEDIATED BENTHIC SUCCESSION TOWARDS REEF CALCIFIERS ON PALMYRA ATOLL USING LARGE-AREA IMAGERY  
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63 - **†Jannot, J. E.\*, Good, T. P.**  
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**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

64 - **†Woods, M. B.\*, Brown, N. A., Balshine, S. , Juanes, F.**   
SHIPS AND MIDSHIPMAN FISH: HOW BOAT NOISE AFFECTS AGGRESSION AND PARENTAL CARE OF THE PLAINFIN MIDSHIPMAN FISH  
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65 - **†Korabik, A. R.\*, Grosholz, T.**   
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66 - **†Fajardo-Yamamoto, A. \*, Sosa-Nishizaki, O. , Sepulveda, C. A.\*, Aalbers, S. A.**  
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67 - **†Doughty, C. L.\*, Cavanaugh, K. C.**  
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72 - **†Gomez, J. B.\*, Bell, L. E., Kroeker, K. J.**  
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**Category**: Organismal/Population Biology

73 - **†Houghton, G. E.\*, Bell, L. E., Kroeker, K. J.**  
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74 - **†Martone, M. A.\*, Traiger, S. B., Cohn, B. C., Panos, D. A., Nickols, K. J.**  
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75 - **†Ritger, A. L.\*, Stier, A. C.**  
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**Category**: Community/Ecosystem Ecology

77 - **†Hicks, P. \*, Bignami, S.**   
INDUCED SPAWNING OF THE PISMO CLAM (*TIVELA STULTORUM*)  
**Category**: Organismal/Population Biology

78 - **†Burch, B. \*, Sabety, J. , Diesel, J. , Deweese, K. , Nuzhdin, S.**   
INVESTIGATING THE INFLUENCE OF PYTOHORMONES ON THE GROWTH OF MACROCYSTIS PYRIFERA  
**Category**: Observational Ecology (Rafe Sagarin Award)

81 - **†Rex, P. T.\*, Lowe, C. G.**  
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**Category**: Observational Ecology (Rafe Sagarin Award)

82 - **†Wu, M. L.\*, Paig-Tran, E. W., Forsgren, K. L., Zacherl, D. C.**  
EFFECT OF SHELL AND MUSCLE CONTRACTION BEHAVIOR ON GAMETE PLUMES AND EGG VELOCITIES OF THE RED ABALONE, *HALIOTIS RUFESCENS*  
**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

83 - **†Moffat, J. J.\*, terHorst, C. P.**  
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**Category**: Community/Ecosystem Ecology

85 - **†Kerr, E. N.\*, Haggerty, M. , Johnson, C. J., Goodman, A. Z., Johri, S. , Doane, M. P., Morris, M. M., Lima, L. F., Turnlund, A. C., Livingston, I. G., Peterson, M. H., Bursch, H. A., Dinsdale, E. A.**  
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91 - **†Perog, B. D.\*, Bowers, C. M., Lopez, C. Y., Torres, R. F., Zacherl, D. C.**  
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93 - **†Eagleton, J. L.\***  
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**Category**: Organismal/Population Biology

95 - **†Hardison, E. A.\*, Kraskura, K. K., Van Wert, J. C., Csik, S. , Eliason, E. E.**  
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**Category**: Organismal/Population Biology

97 - **†Fieber, A. M.\*, Bourdeau, P. E.**  
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98 - **†Bierzychudek, A. T.\*, Uyeda, K. , Greer, K. , Crooks, J.**   
USING HISTORICAL AERIAL PHOTOGRAPHS TO DETERMINE LONG-TERM IMPACTS OF ANTHROPOGENIC FRESHWATER RUNOFF ON LOS PEÑASQUITOS LAGOON  
**Category**: Community/Ecosystem Ecology

100 - **†Clark, N. M.\*, Maietta, E. G., Marquardt, A. R., Ruttenberg, B. I.**  
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**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

103 - **†Bogan, S. N.\*, Kozal, L. C., Meneses, M. J., Albrecht, A. M., Hofmann, G. E.**  
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**Category**: Organismal/Population Biology

105 - **†Griffin, J. E.\*, Hovel, K. A.**  
INTERACTIVE EFFECTS OF HABITAT DISTURBANCE AND ASIAN MUSSEL (*ARCUATULA SENHOUSIA*) INVASION ON EELGRASS INFAUNA  
**Category**: Community/Ecosystem Ecology

106 - **†Johnson, C. J.\*, Doane, M. P., Goodman, A. Z., Quinlan, Z. A., Moffat, J. , Torres, M. , Nosal, A. P., Pien, C. , Ebert, D. A., Kerr, E. , Reed, M. B., Turnlund, A. C., Peterson, M. H., Johri, S. , Dinsdale, E. A.**  
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107 - **†Ren, X. \*, Ormiston, J. T., Favoreto Jr., S. , McConnico, L. A.**  
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**Category**: Organismal/Population Biology

108 - **†Anderson, K. A.\*, Bourdeau, P. E.**  
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109 - **†Waite, H. R.\*, Sorte, C. J.**  
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**Category**: Organismal/Population Biology

112 - **†Killeen, H. J.\*, Dibble, C. D., Morgan, S. G., Susner, M. G., Largier, J. L.**  
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**Category**: Observational Ecology (Rafe Sagarin Award)

113 - **†Vazquez-Alfaro, D. L.\*, Eernisse, D. J., Lafarga-De la Cruz, F.**   
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**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

114 - **†Elizabeth Maricza Soto González, \*, Luis Rodrigo Arce Valdés, , Luis Manuel Enríquez Paredes,**   
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**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

115 - **†Quan, J. R.\*, De Leon Sanchez, E. E., Longman, E. K., Sones, J. L., Sanford, E.**   
EFFECTS OF A RECORD-BREAKING HEATWAVE ON MUSSEL BED COMMUNITIES IN NORTHERN CALIFORNIA.  
**Category**: Community/Ecosystem Ecology

119 - **†Kalan, P. \***  
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**Category**: Applied Ecology/Conservation Biology (Mia Tegner Award)

120 - **†Slein, M. A.\*, Kraskura, K. , Csik, S. , Hardison, E. A., Eliason, E. J.**  
UNDERSTANDING THE EFFECTS OF HYPOXIA ON THE PHYSIOLOGY AND FORAGING ECOLOGY OF PANULIRUS INTERRUPTUS (CALIFORNIA SPINY LOBSTER)  
**Category**: Organismal/Population Biology

121 - **†Primo, A. \*, Pruitt, J. N., Osenberg, C. W., Stier, A. C.**  
INTRASPECIFIC VARIATION IN AGGRESSION DRIVES VARIATION IN MARINE SYMBIOSIS  
**Category**: Community/Ecosystem Ecology