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CURRICULUM VITAE

NAME: Tim Sippel

ORGANIZATION: Ocean Associates, Inc
Southwest Fisheries Science Center
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PRESENT POSITION: Stock Assessment Biologist - Contractor

EDUCATION: Ph.D - University of Auckland, New Zealand
Master of Science – Massey University, New Zealand
Bachelor of Science– Kansas State Univeristy, USA

EXPERIENCE:

DATES: September 2011 - Present
POSITION: Stock Assessment Biologist
ORGANIZATION: Ocean Associates, Inc.
LOCATION: La Jolla, CA

DATES: April 2010 - September 2011
POSITION: Post-doctoral researcher
ORGANIZATION: University of Hawaii - Manoa
LOCATION: Honolulu, HI

DATES: November 2009 - March 2010 (short-term contract)
POSITION: Research Associate
ORGANIZATION: University of Auckland
LOCATION: Auckland, New Zealand

DATES: August 2004 - March 2010 (part-time)
POSITION: Fisheries Biologist
ORGANIZATION: Bluewater Marine Research
LOCATION: New Zealand

RESEARCH INTERESTS: Population dynamics, fisheries oceanography, mark-recapture

PUBLICATIONS:

Sippel, T., Eveson, P., Galuardi, B., Lam, C., Hoyle, S., Maunder, M., Kleiber, P., Carvalho, F., Tsontos, V., Teo, S., Aires-da-Silva, A., Nicol, S. (2015). Using movement data from electronic tags in fisheries stock assessment: a review of models, technology and experimental design. *Fisheries Research*. 163: 152-160.

Maxwell SM SM, Hazen EL, Lewison RL, Dunn DC, Bailey H, Bograd SJ, Briscoe DK, Fossette S, Hobday AJ, Bennett M, Benson, S., Caldwell, M., Costa, D., Dewar, H., Eguchi, T., Hazen, L., Kohin, S., **Sippel, T.**, Crowder, L. (2015) Dynamic ocean management: Defining and conceptualizing real-time management of the ocean. *Marine Policy* 58:42-50.

Evans K, Abascal F, Kolody D, **Sippel T**, Holdsworth J, Maru P (2014). The horizontal and vertical dynamics of swordfish in the South Pacific Ocean. *Journal of Experimental Marine Biology and Ecology* 450:55-67

Weng K, O'Sullivan J, Lowe C, Winkler C, Blasius M, Loke-Smith K, **Sippel T**, Ezcurra J, Jorgensen S, Murray M (2012) Back to the wild: Release of juvenile great white sharks from the Monterey Bay Aquarium. In: *Global Perspectives on the Biology and Life History of the Great White Shark (Carcharodon carcharias)*. CRC Press, Boca Raton, p 419-446.

Sippel, T., Holdsworth J, Dennis T, Montgomery J (2011) Investigating Behaviour and Population Dynamics of Striped Marlin (*Kajikia audax*) from the Southwest Pacific Ocean with Satellite Tags. *PLoS ONE* 6(6): e21087.

Holdsworth, J., **Sippel, T.**, Block, B. (2009). Near real time satellite tracking of striped marlin (*Kajikia audax*) movements in the Pacific Ocean. *Marine Biology* 156, 505-514.

LePort, A., **Sippel, T.**, Montgomery, J. (2008). Observations of mesoscale movements in the short-tailed stingray (*Dasyatis brevicaudata*) from New Zealand using a novel PSAT attachment method. *Journal of Experimental Marine Biology and Ecology* 359, 110-117.

Sippel, T., Davie, P., Holdsworth, J., Block, B. (2007). Striped marlin (*Tetrapturus audax*) movements and habitat utilization during a summer and autumn in the Southwest Pacific Ocean. *Fisheries Oceanography* 16, 459-472.

SELECTED REPORTS:

ISC Shark Working Group (2015). Indicator-based analysis of the status of shortfin mako shark in the North Pacific Ocean. 15-20 July 2015; Kona, Hawaii. Plenary Report - Annex 12.

ISC Shark Working Group (2014). Stock assessment and future projections of blue shark in the North Pacific Ocean. 15-20 July 2015; Kona, Hawaii. Plenary Report - Annex 13.

ISC Shark Working Group (2013). Stock assessment and future projections of blue shark in the North Pacific Ocean. ISC Shark Working Group. 17-22 July 2013; Busan, Korea.

Sippel, T., Ohshimo, S., Yokawa, K., Kai, M., Carvalho, F., Liu, K., Castillo-Geniz, L., Kohin, S. (2015). Spatial and temporal patterns of shortfin mako shark size and sex in the North Pacific Ocean. Working Paper to the International Scientific Committee Shark Working Group. ISC/15/SHARKWG/01-4.

Sippel, T., Nasby-Lucas, N., Kohin, S. (2014). Description of the Hawaii Longline Observer Program. Working Paper to the International Scientific Committee Shark Working Group. ISC/14/SHARKWG/03-1.

Sippel, T., Carvalho, F., Teo, S., Kohin, S. (2014). Catches of shortfin mako sharks from U.S. commercial and recreational fisheries in the North Pacific Ocean. Working Paper to the International Scientific Committee Shark Working Group. ISC/14/SHARKWG/03-3.

Xu, Y., **Sippel, T.**, Teo, S., Piner, K., Chen, K., Wells, D. (2014). A comparison of North Pacific albacore (*Thunnus alalunga*) age and growth among various sources. Working Paper to the International Scientific Committee Albacore Working Group. ISC/14/ALBWG/04

PROFESSIONAL SERVICE:

Pacific Fishery Management Council - Highly Migratory Species Management Team (2013 - present)

International Scientific Committee for Tuna and Tuna-like Species in the North Pacific - Member of Shark and Billfish working groups (2011 - present)

JOURNAL PEER-REVIEW:

Fisheries Research, Marine and Freshwater Research, Marine Ecology Progress Series, Marine and Coastal Fisheries, ICES Journal of Marine Science, Transaction of the American Fisheries Society