

Curriculum Vitae
Kristine N. White

E-mail: knwhite@ut.edu

Phone: 813-257-3551

a. Professional Preparation:

Postdoctoral Research Fellow, Japan Society for the Promotion of Science, Trans-disciplinary Organization for Subtropical Island Studies (TRO-SIS), University of the Ryukyus, Okinawa, Japan August 2010 – July 2012. [Dr. James Davis Reimer]

PhD Coastal Sciences, University of Southern Mississippi, Ocean Springs, MS, 2010. [Drs. Richard Heard, James Darwin Thomas, Trisha Spears, Robin Overstreet, Jeff Lotz]

MS Oceanography, Nova Southeastern University, Ft. Lauderdale, FL, 2005. [Drs. James Darwin Thomas, Chuck Messing, Richard Heard]

BS Biology/Marine Science, The University of Tampa, Tampa, FL, 2000.

b. Appointments:

Assistant Professor in Biology, The University of Tampa, Tampa, Florida, August 2014 to present.

Assistant Professor in Biology, University of Maryland University College, Okinawa, Japan, August 2012 to July 2014.

Collection Manager/PhD Candidate, Gulf Coast Research Laboratory; The University of Southern Mississippi, Ocean Springs, Mississippi, July 2007 through July 2010.

Graduate Research and Teaching Assistant, Gulf Coast Research Laboratory; The University of Southern Mississippi, Ocean Springs, Mississippi, January 2006 through July 2007. [Invertebrate Zoology]

Graduate Teaching Assistant, Nova Southeastern University, Ft. Lauderdale, Florida, September 2002-May 2005. [Oceanography, Marine Ecology, Organic Chemistry I & II]

Instructor, The Science Eye, environmental education, Ft. Lauderdale, Florida, September 2002-December 2005.

Sea turtle conservationist, Broward County Sea Turtle Conservation Program, Ft. Lauderdale, Florida, May 2002-September 2005.

c. Publications: (* denotes student authors)

White, K.N., Weinstein, D., Ohara, T., Denis V., Montenegro, J.*, and Reimer, J.D. (in progress). Two years later: recovery of a shallow mesophotic reef in Okinawa, Japan. *PeerJ*.

White, K.N. (in progress). Getting intimate with your lunch: the role of sexual cannibalism in the social system of leucothoid amphipods. *Behavioral Ecology*.

White, K.N. and Krapp-Shickel, T. (accepted). Red Sea Leucothoidae (Crustacea: Amphipoda) including new and re-described species. *European Journal of Taxonomy*.

White, K.N., Reimer, J.D., and Lorion, J. (2016). Preliminary analyses reveal strong genetic structure in populations of *Leucothoe vulgaris* (Crustacea: Amphipoda: Leucothoidae) from Okinawa, Japan. *Systematics and Biodiversity* 14(1): 55-62. doi: 10.1080/14772000.2015.1078856.

White, K.N. (2015). A checklist of Amphipoda (Crustacea) collected from the mudflats of Pulau Ubin, Singapore. *The Raffles Bulletin of Zoology Supplement* 31:139-142.

Reimer, J.D., *Yang, S., **White, K.N.**, Asami, R., Fujita, K., Hongo, C., Ito, S., *Kawamura, I., Maeda, B., *Mizuyama, M., Obuchi, M., Sakamaki, T., Tachihara, K., Tamura, M., Tanahara, A., Yamaguchi, A., and Jenke-Kodama, H. (2015). Effects of causeway construction on environment and biota of subtropical tidal flats in Okinawa, Japan. *Marine Pollution Bulletin* 94(1-2): 153-167. doi: 10.1016/j.marpolbul.2015.02.037.

White, K.N., Ohara, T., *Fujii, T., *Kawamura, I., *Mizuyama, M., *Montenegro, J., *Shikiba, H., Naruse, T., *McClelland, T., Denis, V., and Reimer, J.D. (2013). Typhoon damage on a shallow mesophotic reef in Okinawa, Japan. *PeerJ* 1(e151): 1-14. doi: 10.7717/peerj.151

White, K.N., J.K. Lowry, and Morino, H. (2013). A new cave-dwelling talitrid genus and species from Japan (Crustacea: Amphipoda: Talitridae). *Zootaxa* 3682(2): 240-248. doi: 10.11646/zootaxa.3682.2.2

White, K.N. (2013). Connecting the dots: confirmation and description of *Paranamixis misakiensis* Thomas, 1997 leucomorphs (Amphipoda: Leucothoidae). *Crustaceana* 86(4): 403-415. doi: 10.1163/15685403-00003186.

Ohara, T., *Fujii, T., *Kawamura, I., *Mizuyama, M., *Montenegro, J., *Shikiba, H., **White, K.N.**, and Reimer, J.D. (2013). First record of a mesophotic *Pachyseris foliosa* reef from Japan. *Marine Biodiversity* 43 (2): 71-72. doi: 10.1007/s12526-012-0137-0.

White, K.N. (2013). All things in moderation: Using formalin to coerce leucothoid amphipods out of the rubble (Crustacea: Amphipoda: Leucothoidae). *Marine Biodiversity* 43 (2): 163-166. doi: 10.1007/s12526-012-0126-3

White, K.N. (2012). Seasonal patterns in leucothoid amphipods (Crustacea: Amphipoda: Leucothoidae). *Marine Biodiversity* 42 (4): 453-457. doi: 10.1007/s12526-012-0123-6.

White, K.N., and Reimer, J.D. (2012). DNA phylogeny of Leucothoidae (Crustacea: Amphipoda) from the Ryukyu Archipelago, Japan. *Contributions to Zoology* 81(3): 159-165.

White, K.N., and Reimer, J.D. (2012). Commensal Leucothoidae (Crustacea, Amphipoda) of the Ryukyus Archipelago, Japan. Part III: coral rubble-dwellers. *Zookeys* 173: 11-50. doi:10.3897/zookeys.173.2498.

White, K.N., and Reimer, J.D. (2012). Commensal Leucothoidae (Crustacea, Amphipoda) of the Ryukyus Archipelago, Japan. Part II: sponge-dwellers. *Zookeys* 166, 1-58. doi:10.3897/zookeys.166.2313

White, K.N., and Reimer, J.D. (2012). Commensal Leucothoidae (Crustacea, Amphipoda) of the Ryukyus Archipelago, Japan. Part I: ascidian-dwellers. *Zookeys* 163, 13-55. doi:10.3897/zookeys.163.2003

White, K.N. (2011). Nuclear 18S rDNA as a species-level molecular marker for the Leucothoidae (Amphipoda). *Journal of Crustacean Biology* 31(4), 710-716. doi: 10.1651/11-3489.1

White, K.N. (2011). A Taxonomic review of the Leucothoidae (Crustacea: Amphipoda). *Zootaxa* 3078, 1-113.

White, K.N. (2011). Caribbean Leucothoidae (Crustacea: Amphipoda) of Panama. *Gulf and Caribbean Research* 23, 23-35.

*Naser, M., **White, K.N.**, and Ali, M.H. (2010). *Grandidierella macronyx* Barnard, 1935 (Amphipoda, Aoridae): a new record from Shatt Al-Basrah, Basrah, Iraq. *Crustaceana* 83(11), 1401-1407.

White, K.N. (2010). *Development of Representative Species-level Molecular Markers and Morphological Character Analysis of Leucothoid Amphipods (Crustacea: Amphipoda)*. The University of Southern Mississippi Doctoral Dissertation, 412 pp.

White, K.N. and Thomas, J.D. (2009). Leucothoidae. In: Lowry, J.K. & Myers, A.A. (Eds) Amphipoda (Crustacea: Peracarida) of the Great Barrier Reef, Australia. *Zootaxa*, 2260, 494–555.

Thomas, J.D. and **Klebba, K.N.** (2007). New species and host associations of commensal leucothoid amphipods from coral reefs in Florida and Belize (Crustacea: Amphipoda). *Zootaxa* 1494, 1-44.

Thomas, J.D. and **Klebba, K.N.** (2006). Studies of commensal leucothoid amphipods: two new sponge-inhabiting species from south Florida and the western Caribbean. *Journal of Crustacean Biology* 26(1), 13-22.

Klebba, K.N. (2005). *Systematics, Ecology, and Functional Morphology of Commensal Amphipods (Leucothoidae) in the Western Caribbean Sea and Southeast Florida*. Nova Southeastern University Masters Thesis, 101 pp.

d. Teaching and Advising Experience:

- *The University of Tampa (August 2014 – present)*
 - General Biology I Lecture (BIO198) and Laboratory (BIO198L)
 - General Biology II Lecture (BIO199) and Laboratory (BIO199L)
 - Environmental Science Lecture (BIO112)
- *University of Maryland, University College (August 2012 – 2014)*
 - New Faculty Mentor
 - Ecology of Coral Reefs (BIOL398E)
 - Marine Biology Lecture (BIOL181) and Laboratory (BIOL182)
 - Oceanography (NSCI110)
 - Environmental Science Lecture (BIOL211) and Laboratory (BIOL212)
 - Introductory Biology Lecture (BIOL101) and Laboratory (BIOL102)
- *University of the Ryukyus (August 2010 – 2014)*
 - During my postdoctoral fellowship, I worked closely with several graduate students in my host's lab. I edited many English manuscripts in addition to advising students on experimental design and data analysis.
 - I designed, prepared, and instructed two Amphipod Taxonomy workshops for several Japanese and International graduate students.
- *University of Southern Mississippi (July 2006 – 2007)*
 - During my PhD studies, I was a teaching assistant for the Invertebrate Zoology course. I conducted several lectures and was in charge of laboratory sections.
 - I also developed an Invertebrate Zoology teaching outreach program for events at the Gulf Coast Research Laboratory.

- *Nova Southeastern University (September 2002 – May 2005)*
 - During my MS studies, I was a teaching assistant for Organic Chemistry I & II, Oceanography, and Marine Ecology courses. I conducted several lectures and was in charge of laboratory sections.
- *The Science Eye (September 2002 – December 2005)*
 - Field instructor; environmental education, Ft. Lauderdale, Florida.
- *Current Advisees:*
 - Kevin Travis, **4th year UG**. *Molecular confirmation of an invasive amphipod species*, Research Advisor.
 - Samantha Courtney, **2nd year UG**. *Ecto-and endo-commensal associates of ascidians in Tampa Bay*, Research Advisor.
 - Christa Edwards, **2nd year UG**. *Ecto-and endo-commensal associates of ascidians in Tampa Bay*, Research Advisor.
 - Jessica Burns, **2nd year UG**. *Investigating the effect of commensal leucothoid amphipods on their hosts*, Research Advisor.
 - Matigan Paulsen, **2nd year UG**. *Optimizing captive marine sponge growth*, Research Advisor.
 - Areezoo Mottaghi, **Ph.D.** University of the Ryukyus, *Investigation of two divergent populations of *Leucothoe vulgaris* from the Ryukyu Archipelago*, Committee Member.
- *Past Advisees:*
 - Katie Duval, **3-4th year UG**. The University of Tampa, *Optimizing captive marine sponge growth and *Anamixis cavatura*: using histology to identify potential reproductive capability*, Research Advisor.
 - Hatsuko Noda, **4th year UG**. University of the Ryukyus, *Hornellia spp. inhabiting coral rubble in Okinawa*, Research Advisor.

e. Presentations

XVI International Colloquium on Amphipoda, Aveiro, Portugal, September 7-11, 2015

White, K.N., Reimer, J.D. and Lorion, J. Maybe the Hokey Pokey isn't what it's all about: strong genetic structure revealed in populations of *Leucothoe vulgaris* from Okinawa, Japan. (Oral presentation).

The 3rd Asia-Pacific Coral Reef Symposium, Pingtung, Taiwan, June 23-27, 2014

Byron, G., Tong, E., **White, K.N.**, and Reimer, J.D. Phylogenetic diversity of Zoantharia Cnidaria: Anthozoa: Hexacorallia) within the Society Islands (oral presentation).

White, K.N. and Reimer, J.D. Biogeographical population analyses of *Leucothoe vulgaris* (Crustacea: Amphipoda) from the Ryukyus using two genetic markers (oral presentation).

XV International Colloquium on Amphipoda, Szczawnica, Poland, September 2-7, 2013

White, K.N. Unraveling the phylogeny and ecology of leucothoid amphipods. (Oral presentation).

Invited speaker, Academia Sinica, Taipei, Taiwan, August 2, 2013

White, K.N. The Ryukyu Archipelago: a biodiversity hotspot for leucothoid amphipods. (Oral presentation).

Joint International Seminar (The University of Hong Kong and University of the Ryukyus), March 18, 2013

White, K.N. Amphipod diversity along the Kaichu Doro Leeway. (Oral presentation).

Association for the Sciences of Limnology and Oceanography, July 8-13, 2012

White, K.N., Obuchi, M., Tachihara, K., Tamura, M., Jenke-Kodama, H., Yang, S., Asami, R., Sakamaki, T., Fujita, K., Reimer, J.D. 40 years later: Effects of the Kaichu Doro Leeway on biodiversity in Okinawa, Japan. (Oral presentation).

Invited speaker, University of the Ryukyus TRO-SIS Seminar, January 31, 2011.

White, K.N. Leucothoidae of the Ryukyus: discussion of their incredible diversity and highly social ecology. (Oral presentation).

Advances in Subtropical Island Studies, Okinawa Workshop 2011, December 8, 2011

White, K.N., Reimer, J.D. The incredible diversity of leucothoid amphipods (Crustacea, Amphipoda, Leucothoidae) from the Ryukyu Archipelago, Japan. (Poster presentation).

Reimer, J.D., **White, K.N.**, Obuchi, M., Tachihara, K., Yang, S., Tamura, M., Jenke-Kodama, H. Assessing biodiversity along the Kaichu-Doro Leeway in Okinawa, Japan. (Poster and oral presentations).

East China Sea Workshop, November 24-25, 2011

White, K.N. Unexpected diversity of commensal Leucothoidae (Crustacea: Amphipoda) of the East China Sea. (Oral presentation).

Japan Coral Reef Conference, November 3-5, 2011

Reimer, J.D., **White, K.N.**, Obuchi, M., Tachihara, K., Tamura, M., Jenke-Kodama, H. Assessing biodiversity along the Kaichu-Doro leeway in Okinawa, Japan. (Poster).

Invited speaker, The Crustacean Society Summer Meeting, Commensal Crustacean Session, June 6-9, 2011.

White, K.N. The Leucothoidae (Crustacea: Amphipoda): past, present, and future. (Oral presentation).

Invited speaker, University of the Ryukyus, March 16, 2011.

White, K.N. The elusive Leucothoidae (Crustacea: Amphipoda): their past, present, and future. (Oral presentation).

Invited speaker, International Symposium on the Sustainability and Productivity of Coastal Resources, Nagasaki University, 19-21 January 2011.

White, K.N. Amphipods (Crustacea: Amphipoda) as bioindicators: the key to monitoring and preserving the sustainability of coastal resources? (Oral presentation).

Gulf of Mexico Graduate Student Symposium, Dauphin Island Sea Lab, Dauphin Island, AL, 3-5 April, 2009.

White, K.N. Using molecules to augment the morphology and phylogeny of the Leucothoidae (Crustacea: Amphipoda). (Oral presentation).

USM Graduate Student Research Symposium, Hattiesburg, MS, 27 March, 2009.

White, K.N. The Amphipoda of the Great Barrier Reef. (Oral presentation).

Graduate Student Symposium, Louisiana Universities Marine Consortium (LUMCON), Cocodrie, LA 22-24 February, 2008. **White, K.N.** The Amphipoda of the Great Barrier Reef. (Oral presentation).

Graduate Student Symposium, The Gulf Coast Research Laboratory, Ocean Springs, MS, 2-4 March, 2007.

Klebba, K.N. Systematics, ecology, and functional morphology of commensal amphipods (Leucothoidae) in the western Caribbean Sea and southeastern Florida. (Oral presentation).

XII International Colloquium on Amphipoda, National University of Ireland, Cork, 24-26 July, 2005.

Klebba, K.N. Development and use of the leucothoid amphipod taxonomic database. (Oral presentation).

f. Grants, Awards and Honors:

- *Joint Usage and Collaborative Research of Tropical Biosphere Research Center (TBRC), University of the Ryukyus Visiting Researcher Award* – Faunal survey of amphipod-decapod symbionts of sponges (Porifera) (2016)

- *UT David Delo Research Professor Grant* – Molecular confirmation of an invasive amphipod species (2016)
- *Dongsha Atoll Research Award* - Investigation of the biodiversity, taxonomy, and ecology of Leucothoidae (Crustacea: Amphipoda) from the Dongsha Atoll (2016)
- *Visiting Researcher*, University of the Ryukyus (2012 – 2014)
- *Nissei Planning Grant*, Co-PI - Assessing biodiversity in construction areas (2011)
- *JSPS Fellow Research Support Grant* (2010, 2011)
- *Graduate Student Symposium Best Oral Presentation* (2010)
- *Lerner-Gray Grant for Marine Research* (2009)
- *Marine and Estuarine Graduate Student Association Student Travel Award* (2009)
- *Lytle Coastal Sciences Scholarship* (2009)
- *The University of Southern Mississippi Dissertation and Thesis Research Grant* (2008)
- *The Crustacean Society Fellowship in Graduate Studies* (2007)

g. Synergistic activities:

- Extensive field experience using SCUBA and specialized collecting devices (Southeast and Central Florida; Belize and Panama, Central America; Queensland, Australia; Oahu, Hawaii; Sulawesi, Indonesia; Moorea, French Polynesia; Ryukyu Archipelago, Japan; Singapore).
- SCUBA certifications: Open water, Advanced open water, Rescue Diver, Nitrox Diver, AAUS Scientific Diver
- Editor: WORMS World Amphipoda Database; Leucothoidae

Horton, T.; Lowry, J.; De Broyer, C.; Bellan-Santini, D.; Coleman, C. O.; Daneliya, M.; Dauvin, J.-C.; Fišer, C.; Gasca, R.; Grabowski, M.; Guerra-García, J. M.; Hendrycks, E.; Holsinger, J.; Hughes, L.; Jaume, D.; Jazdzewski, K.; Just, J.; Kamaltynov, R. M.; Kim, Y.-H.; King, R.; Krapp-Schickel, T.; LeCroy, S.; Lörz, A.-N.; Senna, A. R.; Serejo, C.; Sket, B.; Tandberg, A.H.; Thomas, J.; Thurston, M.; Vader, W.; Väinölä, R.; Vonk, R.; **White, K.**; Zeidler, W. (2016) World Amphipoda Database. Accessed at <http://www.marinespecies.org/amphipoda> on 2016-04-01

- Invited by Singapore's Comprehensive Marine Biodiversity Survey to participate in the Pulau Ubin survey; March 5-9, 2012 and Johor Straits survey, May 20-June 7, 2013.
- Participated in JAMSTEC deep sea cruises aboard RV Natsushima, utilizing ROV Hyperdolphin; September 11-17, 2011; October 12-18, 2011.
- Invited by the University of California, Santa Barbara to participate in the peracarid crustacean survey of the BIOCOTE project on Moorea, French Polynesia; November 2009 and November 2010.
- Invited by the Australian museum to participate in an amphipod biodiversity survey of the Great Barrier Reef and to work up the Leucothoidae collections for publication and to develop the GBR DELTA database and interactive key.

- Proficient drawing and electronic inking skills utilized in over 50 new amphipod species descriptions.
- Experience with georeferencing and databasing using Specify© for the Gulf Coast Research Lab Museum collections.
- Experience in Gulf of Mexico marine invertebrate identification of specimens for accession into the Gulf Coast Research Laboratory Museum collections.
- Developed molecular techniques and primers for Amphipoda (Leucothoidae) to be applied to a molecular and morphological phylogeny of the family Leucothoidae.
- Manuscript Reviews: Helgoland Marine Research, Journal of the Marine Biological Association of the United Kingdom, Oikos, Polar Biology Review, Raffles Bulletin, Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa", Zootaxa, European Journal of Taxonomy
- Participated in the 2005 DDescription Language for TAXonomy (DELTA) course and developed the World Leucothoidae character database and interactive key.
- Developed and maintain Leucothoidae taxonomic database on NSU Amphipod Homepage <http://www.nova.edu/ocean/jthomas/apod.html>.
- Developed and maintain *The World Leucothoidae DELTA database with interactive keys*.
- Proficient in use of Microsoft Office Word, Excel, Access, and Powerpoint; Adobe Illustrator and Photoshop; DELTA; Specify; and general computing skills.