

POSTER PRESENTATIONS
Wednesday, 10 February 2016 to Friday, 12 February 2016
Poster chairs: Karen Holloway-Adkins and Shanon Gann

**** Boyd Lyon Student Award Candidate*

SPECIAL SESSION ON REGIONWIDE RESEARCH

1. *****ANTIBODY RESPONSES TO MARINE BACTERIAL PATHOGENS IN
LOGGERHEAD (*CARETTA CARETTA*) AND KEMP'S RIDLEY (*LEPIDOCHELYS
KEMPII*) SEA TURTLES FROM THE SOUTHEASTERN UNITED STATES**
Maria Rodgers, Michael Arendt, Jeffrey Schwenter, David Owens, Catherine Toline,
and Charles Rice

NESTING BEACHES AND HATCHLING PRODUCTION

2. **GOOD NEWS OR BAD NEWS? A SHIFT IN NESTING FEMALE SIZE AMONG
LOGGERHEADS (*CARETTA CARETTA*) IN THE ARCHIE CARR NATIONAL
WILDLIFE REFUGE**
Katrina Phillips and Kate Mansfield
3. **SEA TURTLE HABITAT AT RISK; LONGITUDINAL RECORD OF SEA TURTLE
NESTING ON ST. CATHERINES ISLAND, GA**
Jaynie Gaskin, R. Kelly Vance, Brian Meyer, Gale Bishop, Fredrick Rich, and
Michael Samms
4. **INCREASED LOGGERHEAD NESTING ACTIVITIES AFTER REMOVAL OF LARGE
BEACH DEBRIS**
Ikuko Fujisaki and Margaret Lamont
5. **ESTABLISHING A LONG-TERM DATABASE OF BEACH TEMPERATURES OF
NORTHERN GULF OF MEXICO NESTING HABITATS**
Andrew Coleman, Cathy Holmes, Valerie Lofton, Cinnamon Holderman, and Sharon
Maxwell
6. **SAND CHARACTERISTICS, BEACH TEMPERATURES, AND LOGGERHEAD SEX
RATIOS ON FLORIDA BEACHES**
Jenny Layton, Thane Wibbels, Llewellyn Ehrhart, Jeanette Wyneken, Ray Carthy, and
Tony Tucker
7. **REDUCING THE IMPACT OF ARTIFICIAL LIGHT ON SEA TURTLES**
Gwen Oberholtzer, Richard Herren, and David Godfrey
8. *****DOES CLOUD COVER AFFECT LIGHT POLLUTION THE SAME WAY THE FULL
MOON AFFECTS LIGHT POLLUTION?**
Sarah Crawford and Kirt Rusenko
9. **INFLUENCE OF LONG-WAVELENGTH STREET LIGHTS ON LOGGERHEAD SEA
TURTLE (*CARETTA CARETTA*) HATCHLING ORIENTATION**

Tonya Long, Jodie Gless, Joe Hancock, Shigetomo Hiram, Richard Kiltie, Meghan Koperski, and Robbin Trindell

10. **SEA GRAPE TRIMMING AND BEACH RENOURISHMENT: HOW DUNE HEIGHT AND BEACH WIDTH AFFECT LOGGERHEAD NESTING IN BOCA RATON, FL FORAGING AND DEVELOPING HABITATS**
DAVID ANDERSON AND KIRT RUSENKO
11. **RECOVERY OF A STRANDED DEAD TAGGED GREEN FEMALE TURTLE**
MARK NICHOLAS

USING ADVANCED OR INNOVATIVE TECHNOLOGY TO STUDY SEA TURTLES

12. **SEA TURTLE NESTING IN EVERGLADES NATIONAL PARK: INTEGRATING BEACH SURVEYS, SATELLITE TRACKING, AND GENETICS**
Andrew Crowder, Kristen Hart, and Michael Cherkiss
13. **BEYOND MAPS: COMBINING DATA-LOGGERS WITH SATELLITE TAGS TO DETERMINE SPECIFICS OF INTER-NESTING SEA TURTLE BEHAVIOR**
Kristen Hart, Karissa Lear, Nicholas Whitney, Margaret Lamont, Michael Cherkiss, Andrew Crowder, Donna J. Shaver, Clayton Pollock, and Zandy Hillis-Starr
14. **USE OF AN INFRARED ILLUMINATED CCTV SYSTEM AND A MICROPHONE AMPLIFIED SPEAKER SYSTEM TO MONITOR SEA TURTLE NEST HATCHING**
Mike Willis and Thomas Yadamec
15. **USING HIGH TECH SENSORS AND CELL PHONE NETWORKS TO PROTECT SEA TURTLE HATCHLINGS**
Erin Clabough, Charles Wade, Samuel Wantman, David Hermeyer, Thomas Zimmerman, Britta Muizneiks, Matthew Godfrey, and Eric Kaplan
16. **A TALE OF TWO DATA LOGGERS: MEASURING THE NEST EXPERIENCE**
Emily Neidhardt, Rebekah Lindborg, Blair Witherington, Rachel Smith, and Anne Savage
17. **DEVELOPING AN IR CAMERA TECHNOLOGY TO MONITOR HATCHLING DISORIENTATION**
Eric Koepfler, Taylor Harris, and Emily Asp
18. **CONTRASTING LIGHT POLLUTION IMPACTS ON CARETTA CARETTA NESTING AND HATCHLING ORIENTATION IN SEVERAL TOURISM MECCAS IN THE SOUTHEASTERN U.S. USING REMOTE SENSING SOURCES**
Eric Koepfler, Louis Keiner, Emily Asp, and Richard Whitecloud
19. **A NEW APPROACH TO LIGHTING SURVEYS: USING SUB-METER GPS SYSTEMS TO LOCATE AND IDENTIFY LIGHTING PROBLEMS ALONG SOUTH HUTCHINSON ISLAND, FLORIDA**
Joseph Scarola

- 20. **ADVANCING CITIZEN SCIENCE THROUGH SEA TURTLE RESEARCH AND CONSERVATION AT GULF ISLANDS NATIONAL SEASHORE**
Daryl Sibble, Reid Harwell, Leila Harris, Shelby Butts, Kaylee Christopher, Susan Teel, Mark Nicholas, Tom Stanley, and Jeremy White
- 21. **A SEASONAL APPROACH FOR ASSESSING HOOKED SEA TURTLES**
Sarah Rose, Kathryn O'Hara, Kristine Williams, and Susan Barco
- 22. **IT'S A SHELL GAME - WHICH SATELLITE ATTACHMENT EPOXY IS SAFEST?**
Noah Evans and Daniel Evans

FORAGING AND DEVELOPMENTAL HABITATS

- 23. **HOME RANGE AND HABITAT USE OF JUVENILE GREEN TURTLES (*CHELONIA MYDAS*) IN THE NORTHERN GULF OF MEXICO**
Brail Stephens, Margaret Lamont, Ikuko Fujisaki, and Caitlin Hackett
- 24. **IMPROVING IN-WATER ESTIMATES OF MARINE TURTLE ABUNDANCE BY ADJUSTING AERIAL SURVEY COUNTS FOR PERCEPTION AND AVAILABILITY BIASES**
Mariana Fuentes, Ian Bell, Rie Hagihara, Mark Hamann, Julia Hazel, Jeffrey Minoff, Susan Sobotzick, Amy Huth, and Helene Marsh

SPECIAL SESSION ON KEMP'S RIDLEY AND THE GULF OF MEXICO

- 25. **USING GENETICS TO CENSUS NESTING KEMP'S RIDLEY (*LEPIDOCHELYS KEMPII*) IN TEXAS, USA**
Amy Frey, Peter Dutton, Donna J. Shaver, Shelby Walker, Cynthia Rubio
- 26. *****IMPLICATION OF TIRE RUTS ON FRENZIED DISPERSAL OF KEMP'S RIDLEY (*LEPIDOCHELYS KEMPII*) HATCHLINGS**
Hilary Frandsen and Jeff George
- 27. **DIET ANALYSIS OF KEMP'S RIDLEY SEA TURTLES IN THE MISSISSIPPI SOUND**
Jonathan Pitchford, Eric Pulis, Andrew Coleman, and Moby Solangi
- 28. **KEMP'S RIDLEYS ON THE GULF COAST OF FLORIDA: INSIGHTS FROM 35 YEARS OF STRANDING DATA**
Morgan Young, Allen Foley, Karrie Minch, Sue Schaf, David Jones, and Rhonda Bailey
- 29. *****HOOKED ON KEMP'S RIDLEYS**
Pam Clarkson, Eric Pulis, and Roldan Valverde
- 30. **INGESTED AND EXCRETED FISHING HOOKS AND ELASMOBRANCH VERTEBRAE FROM A KEMP'S RIDLEY (*LEPIDOCHELYS KEMPII*) SEA TURTLE**
Debra Moore, Andrew Heaton, Wendy Hatchett, Eric Pulis, Alicia Carron, and Moby Solangi

31. **IMPACT OF CRUDE OIL ON THE STRESS PHYSIOLOGY OF KEMP'S RIDLEY (*LEPIDOCHELYS KEMPII*) SEA TURTLES OF THE NORTHERN GULF OF MEXICO**
Martha Villalba and Roldan Valverde

32. **TREATMENT OF A FRACTURED LOWER MANDIBLE AND SEVERED FLIPPER IN A SUBADULT KEMP'S RIDLEY (*LEPIDOCHELYS KEMPII*) SEA TURTLE**
Kristin Crocker, Elsburgh Clarke, Andrew Heaton, Wendy Hatchett, Eric Pulis, Alicia Carron, Sasha Naugler, Debra Moore, and Moby Solangi