

Tuesday, February 28, 2023

8:00 AM - 8:45 AM Foyer

Continental Breakfast for Workshop Attendees

9:00 AM - 4:30 PM Salon ABC

Sea Turtle Rehabilitation and Health Workshop

Terry Norton, Brian Stacy, Brooke Burkhalter, Larry Wood

9:00 AM – 12:00 PM Salon FGH

Breaking Through the Barriers of Light Management

Sea Turtle Conservancy (Rachel Tighe, Emily Wooley, Casie Hain, Stacey Gallagher)

9:00 AM – 12:00 PM Salon D

Hatching and Nurturing Volunteer Networks

Gulf Center for Sea Turtle Research (Theresa Morris), Galveston Bay Area Chapter-Texas Master Naturalists (Patty Trimingham, Janet Mason, Jo Monday, Pam House), Share the Beach Alabama (Sara Johnson), Coastal Connections, Inc. (Kendra Cope)

1:00 PM - 3:00 PM Salon FGH

Just Stick to It: Lessons Learned from Sea Turtle Epibiosis

Larry Wood, Joe Pfaller, Nathan Robinson, Matt Ashworth, Tom Frankovich

1:00 PM – 4:30 PM Salon E

Satellite and Acoustic Tagging Technologies and Applications for Sea Turtles

Wildlife Computers (Rebecca Webb), Innovasea (Stephanie Smedbol), Lotek (Julia Merszei, Donna Kehoe)

3:30 PM - 5:00 PM Salon D

Gulf Center for Sea Turtle Research Meeting

Christopher Marshall, Texas A&M University

Wednesday, March 1, 2023
Grand Ballroom

7:30 AM - 8:30 AM

Continental Breakfast - Foyer

8:30 AM

Introduction by Jeff Corwin

8:45 AM

Welcoming Remarks

Dr. Thane Wibbels; SERSTM President, Professor, Dept. of Biology, University of Alabama at Birmingham

9:00 AM

Keynote Presentation

Dr. Mariana Fuentes, Associate Professor, Florida State University

9:45 AM - 10:15 AM

Morning Break - Grand Reef

Climate Change

Sessions Chair: Christopher Marshall

10:15 AM - 11:00 AM ***Student Award

10:15 AM

Urban pocket beaches as nesting habitat for marine turtles: their importance and risk from inundation

Kristen Nelson Sella*** | Matthew Ware | Simona A. Ceriani | Niki Desjardin | Scott Eastman | David Addison | Maura Kraus | Robbin Trindell | Mariana M.P.B. Fuentes

10:30 AM

Relocation and flood impacts on Loggerhead sea turtle (*Caretta caretta*) nest success

Lisa Esposito | Sarah Milton

10:45 AM

Assessment of optimal sea turtle nesting habitat on the upper Texas Coast

Christopher Marshall | Timothy Dellapenna | Justin Wilson | Eliza Perez | Theresa Morris | Kari Howard | Donna Shaver

Historic Cold Stunning Event 2021

Sessions Chair: Christopher Marshall

11:00 AM - 11:30 AM ***Student Award

11:00 AM

Historic Green sea turtle (*Chelonia mydas*) cold stunning event in Texas,
February 2021

J. Shelby Walker | Donna J. Shaver | Cynthia Rubio | Hilary R. Frandsen | Mary Kay Skoruppa | Christopher D. Marshall | Jace Tunnell | Alicia M. Walker | Jesse Gilbert | Timothy T. Tristan | Amanda K. Terry | Amy N. Bonka | Wendy Knight | Philippe Tissot

11:15 AM

Eight days and 5,556 sea turtles: community involvement and lessons learned from the February 2021 historic cold stunning event

Amy Bonka | Wendy Knight

Coastal Restoration, Related Ecosystems, and Species

Sessions Chair: Christopher Marshall

11:30 AM - 12:00 PM ***Student Award

11:30 AM

An analysis of sea turtle nesting before and after a sand placement project in Broward County, FL

Stephanie Roche

11:45 AM

Juvenile Green turtle use of newly-installed artificial reefs in Brevard County, Florida

Karen G Holloway-Adkins | Eric A Reyier | Kori L Johnsen | Mario J Mota

12:00 PM - 1:30 PM

Lunch Break

Sea Turtle Science, Recovery and Conservation in the Northern Gulf of Mexico

Sessions Chair: Elizabeth Bevan

1:30 PM - 3:00 PM ***Student Award

1:30 PM

Sea Turtle Restoration Update: Deepwater Horizon NRDA

Dianne Ingram

1:45 PM

If you build it, they will come: habitat protection and increased sea turtle nesting on the Texas coast since 1980

Donna Shaver | Hilary Frandsen | Cynthia Rubio | Jennifer Shelby Walker | Mary Kay Skoruppa | Christopher D. Marshall | Roland Davis | Curtis Jones | Alicia M. Walker | Amy N. Bonka | Wendy Knight

2:00 PM

Dodging the surf: factors behind the exposure and tolerance of wave wash-over for Loggerhead turtle nests in the northern Gulf of Mexico

Matt Ware

2:15 PM

Northern Gulf of Mexico sea turtle Strandings: a summary of findings and analyses from 2010 - 2022

Lyndsey Howell | Brian Stacy | Robert Hardy | Emma Schultz | Melissa Cook | Zhankun Wang | Mark Lawrence | Mobi Solangi | Debra Moore | Tim Morgan | Stacy Hargrove

2:30 PM

Regional variation in natural and fishery-derived prey of Kemp's ridleys in the Northern Gulf of Mexico

Erin Seney | Sarah A. Shaver | Jennifer L. Rote | Brian A. Stacy

2:45 PM

Reducing lighting impacts on a Gulf of Mexico nesting beach: lessons learned

Robbin Trindell

3:00 PM - 3:30 PM

Afternoon Break - Grand Reef

Sea Turtles of the U.S. Virgin Islands and Puerto Rico

Sessions Chair: Melissa Cook

3:30 PM - 4:30 PM ***Student Award

3:30 PM

Nest distribution and success of Hawksbills (*Eretmochelys imbricata*) at Sandy Point National Wildlife Refuge, St. Croix, USVI

Makayla Q. Kelso*** | Claudia Lombard | Paul Jobsis | Dante Trivett | Kelly R. Stewart

3:45 PM

Recovery of a megaherbivore: a mechanism for compensatory growth in Caribbean seagrass meadows grazed by Green turtles

Alexandra Gulick^{***} | Robert Johnson | Clayton Pollock | Zandy Hillis-Starr | Alan Bolten | Karen Bjorndal

4:00 PM

Green sea turtle densities are lower in bays closer to areas of legal harvest in the Northern Virgin Islands: evidence of an evolutionary trap?

Jessica Micheal | Kristen Hart | Clayton Pollock | **Paul Jobsis**

4:15 PM

Community science makes a difference: quantifying sea turtle nesting by three species on St. Croix USVI

Kelly Stewart

Natural History and Biology of Southeastern United States Sea Turtles.

Sessions Chair: Hilary Frandsen

4:30 PM - 5:15 PM ***Student Award

4:30 PM

Tracking adult male sea turtles

Kristen M. Hart | Andrew Crowder | Michael Cherkiss | David Roche | Mathew Denton | Margaret Lamont | Jacquelyn Guzy | Megan Arias | Allison Benscoter | Kelsey Roberts | Haley Turner | Derek Burkholder

4:45 PM

Reproductive characteristics and in-water habitat use of Loggerheads nesting in southeastern Florida

Sarah Hirsch | Derek M. Aoki | Madison Toonder | Kate L. Mansfield | Justin R. Perrault

5:00 PM

Gulf of Mexico Loggerhead sea turtle size-at-age and somatic growth patterns

Larisa Avens | Margaret Lamont | Allen Foley | Ben Higgins | Lyndsey Howell | Gretchen Lovewell | Donna Shaver | Brian Stacy | Shelby Walker

Thursday, March 2, 2023
Grand Ballroom

7:30 AM - 8:30 AM
Continental Breakfast - Foyer

8:30 AM
Welcoming Remarks
Dr. Thane Wibbels; SERSTM President

8:45 AM
Keynote Presentation
Dr. Kate Mansfield, Associate Professor, University of Central Florida

9:15 AM
Keynote Presentation
Dr. Nia Morales, Assistant Professor, University of Florida

9:45 AM - 10:15 AM
Morning Break - Grand Reef

Sea Turtle Education and Outreach
Sessions Chairs: Rebecca Mott, Rachel Smith, Kelly Thorvalson
10:15 AM - 11:15 AM ***Student Award

10:15 AM
Smashing classroom walls through virtual outreach
Joe Grabowski

10:30 AM
Amigos de Las Tortugas: educating spanish-speaking communities on sea turtle conservation
Yvette Fernandez

10:45 AM
Mission not impossible: using open-ended questions to inform conservation education
Nicole Thomas

11:00 AM
Harnessing education funding to support sea turtle research
Rebecca Mott

Trophic Ecology Using Stable Isotopes

Sessions Chair: Hannah Vander Zanden

11:15 AM - 12:00 PM ***Student Award

11:15 AM

Dietary plasticity linked to divergent growth trajectories in a critically endangered sea turtle

Matthew D. Ramirez | Larisa Avens | Anne B. Meylan | Donna J. Shaver | Angela R. Stahl | Peter A. Meylan | Jamie M. Clark | Lyndsey N. Howell | Brian A. Stacy | Wendy G. Teas | Kelton W. McMahon

11:30 AM

Foraging ecology of Kemp's ridley (*Lepidochelys kempii*) marine turtles in the eastern Gulf of Mexico: insights from stable isotope analysis

Savannah Weber*** | Simona A. Ceriani | Mariana M. P. B. Fuentes

11:45 AM

Fine-scale intraspecific niche partitioning in Loggerhead sea turtles: implications for ecology and conservation

Ian Silver-Gorges*** | Simona A. Ceriani | Mariana M.P.B. Fuentes

12:00 PM - 1:30 PM

Lunch Break

Microplastics

Sessions Chairs: Karen Holloway-Adkins and Shanon Gann

1:30 PM - 2:00 PM ***Student Award

1:30 PM

Health implications of near ubiquitous plastic ingestion in post-hatchling sea turtles

Victoria Summers | Samantha Koda | Catherine Eastman | Devon Rollinson Ramia | Narges Mashkour | Keon Beigzadeh | Brian Love | Whitney Crowder | Todd Z. Osborne | David Duffy

1:45 PM Chemical characterization of microplastics in sea turtles by using a novel method of Pyrolysis GC-MS

Ashok Deshpande | Sophia Bickerton | Shigetomo Hiram

Genetics

Sessions Chairs: Karen Holloway-Adkins and Shanon Gann

2:00 PM - 2:30 PM ***Student Award

2:00 PM

From a grain of sand: monitoring sea turtles and their pathogens via non-invasive environmental DNA analysis of nesting beach sand tracks and oceanic water

David Duffy | Victoria Summers | Samantha Koda | Jessica Farrell | Liam Whitmore | Deborah Feliciano | Brian Shamblin | Catherine Eastman | Devon Rollinson Ramia

2:15 PM

Coastal waters of the United States Gulf of Mexico provide important nursery habitat for Mexico's Green turtle nesting populations

Brian M. Shamblin | Kristen M. Hart | Margaret M. Lamont | Donna J. Shaver | Peter H. Dutton | Erin L. LaCasella | Andrew G. Crowder | David C. Roche | Campbell J. Nairn

Health, Disease, and Rehabilitation

Sessions Chairs: Karen Holloway-Adkins and Shanon Gann

2:30 PM - 3:00 PM ***Student Award

2:30 PM

Anatomical evaluation of boat strikes in west central Florida's sea turtles

Amber Lea D. Kincaid | Jake A. Lasala | Jessica L. Blackburn | Brian A. Stacy | Gretchen N. Lovewell

2:45 PM

In pursuit of reducing rehab burden: a look at the use of immediate release criteria for incidentally hooked sea turtles

Erin B Bates | Allyson L. McNaughton | Susan G. Barco

3:00 PM - 3:30 PM

Afternoon Break - Grand Reef

Health, Disease, and Rehabilitation, continued

Sessions Chair: Shelby Walker

3:30 PM - 4:00 PM ***Student Award

3:30 PM

Diagnosis, clinical management, and outcome of two cold stunned Kemp's ridley sea turtles (*Lepidochelys kempii*) with *Mycobacterium* spp. pneumonia

Sean M Perry | Alexa J Delaune | Melissa J Joblon | Kathryn A Tuxbury | Charles J Innis

3:45 PM

Medical use of cold laser therapy of lytic bone lesions in cold-stunned Kemp's ridley (*Lepidochelys kempii*) sea turtles

Debra P. Moore | **Christa Barrett** | Abbi Smith | Alison Lee

Natural History and Biology of Southeastern United States Sea Turtles.

Sessions Chairs: Shelby Walker and Christopher Marshall

4:00 PM - 5:00 PM ***Student Award

4:00 PM

Validating radiocarbon aging in sea turtle hatchling eye lenses

Jenna D. Bennett*** | Amy A. Wallace | William F. Patterson, III | Hannah B. Vander Zanden

4:15 PM

A transferable modeling approach to predict habitat selection of Green turtles (*Chelonia mydas*)

Joshua A Cullen | Margaret Lamont | Christopher Marshall | Camila Domit | Christopher Sasso | Mariana M. P. B. Fuentes

4:30 PM

Ghost crab impacts to sea turtle nests and hatchlings on Florida's Space Coast

Rylie H. MacDonald*** | James D. Roth | Brandon T. Barton | Simona A Ceriani

4:45 PM

Lights, camera, action: insights into the behavior of Loggerhead turtles (*Caretta caretta*) obtained from animal borne cameras in a foraging area in The Gulf of Mexico

Sophie K. Mills | Ian Silver-Gorges | Nathan J. Robinson | Mariana M. P. B. Fuentes

Posters

Climate Change

- 01 The impacts of nest temperatures on Leatherback (*Dermochelys coriacea*) hatchling morphology and performance
Heather A. Seaman* | Sarah L. Milton**

- 02 Recruitment of male Loggerhead turtles in Southwest Florida: the effect of rainfall on incubation temperature and emergence success
Jill Schmid | Dave Addison | Greg Curry | Sarah Norris | Sara Wilson | Kristine Zikmanis

- 03 The connection between local climate and sea turtle nest hatch success: Examining 20 years of data from a South Florida beach
David Anderson | Rebecca Germany

- 04 An examination of sand temperature trends and hatchling gender predictions
Jill Schmid | Greg Curry | Sarah Norris | Sara Wilson | Kristine Zikmanis

- 05 Seeking input on the sea turtle section of the science plan for the regional wildlife science collaborative for offshore wind
Susan G. Barco | Emily Shumchenia | Avalon Bristow

Coastal Restoration, Related Ecosystems, and Species

- 06 The physiological effects of *Sargassum* beach coverage on three species of sea turtle hatchlings
Sarah Milton | Abigail Chaney

- 07 Living in coexisting: a novel predator exclusion cage design
Paul Hillbrand | Elizabeth Darrow | Rachael Urbanek | Seanna Jobe | Emily Abernathy

- 08 Glyphosate in Florida seagrass ecosystems
Ashley Meade Kusel*** | Alan Bolten | Nancy Denslow | Karen Bjorndal

Sea Turtle Science, Recovery, and Conservation in the North Gulf of Mexico

- 09 The sand temperature on Cayo Costa Island (southwest Florida) exceed the pivotal temperature for Loggerhead sea turtles (*Caretta caretta*) during most of the nesting season
Eliannis Santiesteban*** | Phill Allman

- 10 Armadillos: nothing much to report, which is something!
Wilma Katz | Zoe M Bass

- 11 Characterizing the potential role of crab traps in Kemp's ridley mortality in the northern Gulf of Mexico
Elizabeth Bevan | Stacy Hargrove | Lyndsey Howell | Canh Nguyen | Jason Letort | Daniel Foster | Jeff Gearhart | Brian Stacy | Robert Hardy
- 12 Evaluation of clutch frequency in the Kemp's ridley: implications for the current conservation status
Robby Brannum*** | Thane Wibbels | Manuel Rosas Colmenares | Gerardo Marin | Erika Navarro Ang | Martha Lopez | Hector Acosta | Javier Montano | Jaime Peña | Patrick Burchfield
- 13 Temperature-dependent sex determination (TSD) and Kemp's ridley sea turtle conservation
Katie Presz | **Thane Wibbels** | Abigail Trammel | Sarah Livett | Donna Shaver | J. Shelby Walker | Cynthia Rubio
- 14 Measurement relationships for sea turtles nesting on the Gulf of Mexico
Magrieli Rodriguez Ruiz | Kristen Mazzarella | Jake Lasala
- 15 Sea turtle conservation supported by photo-identification at Panama City Beach piers
Lauren Albrittain | Angela Barros | Nancy Evou | Secret Holmes
- 16 Remote monitoring of Alabama's sea turtle nesting sites
Sarah Gumbleton | Nicole Beckham
- 17 DWH sea turtle restoration: highlighting bycatch reduction restoration efforts
Rebeccah Hazelkorn, **Sara Wissmann**, Julia Goss
- 18 An introduction to NOAA's updated Oil and Sea Turtles guide
Nicolle Rutherford
- 19 Sea turtle nesting trends in Mississippi: data gaps and the necessity of future monitoring
Theresa Madrigal | Paul Necaie | James Haynes | Mike Brainard | Barry Vittor | Moby Solangi
- 20 DWH Sea Turtle Restoration: status update and next steps
Sara Wissmann, Rebeccah Hazelkorn, Julia Goss

Sea Turtles of the U.S. Virgin Islands and Caribbean

- 21 Growth rates of the juvenile Hawksbill sea turtles on a foraging ground in St. Thomas, United States Virgin Islands
Sabrina Sorace*** | Natalie Monnier | Kianna Pattengale | Joe Townsend | Kelly Stewart | Paul Jobsis

- 22 Hawksbill (*Eretmochelys imbricata*) and Green (*Chelonia mydas*) sea turtle population estimates in a juvenile foraging habitat in St. Thomas, USVI
Natalie Monnier*** | Kianna Pattengale | Sabrina Sorace | Joe Townsend | Kelly Stewart | Paul Jobsis
- 23 An eight-year analysis of sea turtle nesting activity on Loggerhead Key, Dry Tortugas National Park
Jessica Stuczynski
- 24 Trends in abundance and reproductive success of Hawksbill turtles at Buck Island Reef National Monument, USVI
Alexandra Gulick | Kristen Ewen | Clayton Pollock | Zandy Hillis-Starr
- 25 Assessment of long-term site fidelity of the hawksbill sea turtle on Buck Island, St Croix
Skyler Roberts***
- 26 Observations at a Green sea turtle cleaning station in the Northeast Caribbean
Jessica Micheal | Stephen Ratchford | **Paul Jobsis**
- 27 Variations in location by size are evident for Hawksbill sea turtles but not Green sea turtles in St. Thomas, USVI
Kianna Pattengale | Sabrina Sorace | Natalie Monnier | Paul Jobsis | Kelly Stewart

Sea Turtle Education and Outreach

- 28 C.A.R.E.ing for Turtles - a new outreach and education initiative in Okaloosa County, FL
Jessica Valek
- 29 EAI Public Outreach Initiatives
Chelsey Petersen | Lauren Maline
- 30 Testing Tools to Expand Participation in Experiential Outreach Programs
Jadyn M. Sethna*** | Kristina Williams Carroll | Joseph B. Pfaller
- 31 Using citizen science to assess the nesting abundance of the critically endangered hawksbill sea turtle (*Eretmochelys imbricata*) on St. Thomas USVI
Katie Ayres | Paul Jobsis | Lincoln Critchley | Kelly Stewart
- 32 Public Ride-Along Program: making sea turtle conservation more accessible
Alexis Dvoracek
- 33 Walk with the sea turtles: Bald Head Island Conservancy Turtle Walk Program
Jennifer Wigger

- 34 Empowering youth in the Carr Refuge through the Sea Turtle TECH STEM Mentorship and Conservation Career Training Program
Sarah Rhodes-Ondi
- 35 Lessons learned: a decade of lighting retrofits
Rachel Tighe | Emily Asp | Casie Hain | Stacey Gallagher
- 36 Capturing public interest: use of multiple outreach methods to increase sea turtle conservation awareness
Melissa Cook
- 37 Developing and implementing outreach materials for STEM Education on sea turtles
Emma Humphreys*** | Annmarie Fearing | Kendrick Buford | Julie Cwikla | Nicole Phillips

Genetics

- 38 Refined inferences of genetic structure among Loggerhead and Green turtle rookeries in the eastern Gulf of Mexico
Brian M. Shamblin | Kristen M. Hart | Margaret M. Lamont | Simona A. Ceriani | Michael S. Cherkiss | Zoe M. Bass | Wilma Katz | Kelly Sloan | Greg Curry | Jill Schmid | Sarah V. Norris | Eve M. Haverfield | Brenda Bossman | Kristen T. Mazzearella | Campbell J. Nairn

Trophic Ecology using Stable Isotopes

- 39 Experimental approach for evaluating stable isotope values for marine turtles
Forrest Collins*** | Thane Wibbels | Ken Marion | Scott Rush
- 40 Inferring juvenile oceanic sea turtle diets using stable isotope analysis
Sierra P. Bornheim*** | Tiffany M. Dawson | Katrina F. Phillips | Kate L. Mansfield

Health, Disease, and Rehabilitation

- 41 Not all who wander are lost: a case study of a wayward traveler
Whitney Crowder | Emily Mirowski | Shelby Hoover
- 42 Surveying antibiotic resistance of gram-negative bacteria isolated from wild-caught and rehabilitated Green sea turtles (*Chelonia mydas*) and Loggerhead sea turtles (*Caretta caretta*) of Florida
Christina Cortes***

- 43 A summary of twenty-four years of sea turtle rehabilitation at the Karen Beasley Sea Turtle Rescue and Rehabilitation Center, North Carolina, USA
Kathryn A. Zagzebski | Craig A. Harms | Jean F. Beasley | Terry A. Meyer | Phil Sharpe
- 44 Mississippi State University's enhancement of veterinary care to sea turtles in rehabilitation
Debra P. Moore | Christa Barrett | Stephen Reichley | Alison Lee | John Thomason | Caroline Betbeze | William Epperson | Mark Lawrence
- 45 Preliminary comparison of pier-hooked and reef-captured Green turtles (*Chelonia mydas*)
Cody R Mott*** | Jeffrey R Guertin | Whitney Crowder | Emily Mirowski | Shelby Hoover
- 46 Elements of blood and plasma of cold-stunned Green sea turtles (*Chelonia mydas*) Corpus Christi Texas, 2020
J. Jill Heatley

Microplastics

- 47 Plastic ingestion by Green turtles (*Chelonia mydas*) over 33 years along the coast of Texas, USA
Donna Shaver | Daniel Y. Choi | Christian Gredzens

Atlantic Coast Kemp's Ridley Sea Turtles

- 48 Baseline diet characterization of Kemp's ridley sea turtles in South Carolina
Joshua D. Ratay*** | Erin E. Seney | Jeffrey A. Schwenter | David Wm. Owens
- 49 High annual survival suggested by size structure of Kemp's ridley captured in coastal waters of the Northwest Atlantic
Jeffrey A. Schwenter | Michael D. Arendt | R. Pearse Webster

Leatherback Conservation

- 50 New perspectives on embryonic mortality of the Leatherback turtle (*Dermochelys coriacea*) in Southeastern Florida
Emily Turla*** | M. David Anderson | Sarah E. Hirsch | Jennifer D. Reilly

Natural History and Biology of Sea Turtles in the Southeastern United States

- 51 Between the calipers: an assessment of nesting experience on reproductive output
Karlee Szympruch | Paul Hillbrand | Elizabeth Darrow

- 52 Darker is better: reducing hatchling attraction to interior lights with tinted glass
Tonya M. Long | Rachael Anderson | Simona A. Ceriani | Christina Frederick | Meghan Koperski | Colin Shea | Morgan Wideroff | Robbin Trindell
- 53 Incubation temperature, morphology, and Loggerhead (*Caretta caretta*) sea turtle hatchling hydrodynamics
Alexis K. Moyle***
- 54 Where do rehabilitated adult male Loggerhead sea turtles (*Caretta caretta*) go after being released into the wild?
Kristen Mazzarella | Shauna McBride-Kebert | Dan Evans | Anton D. Tucker
- 55 Post-Hurricane Florence sea turtle nesting habitat nest site selection at Cape Hatteras and Cape Lookout National Seashores
Andrew G. Crowder | David C. Roche | Haley M. Turner | Megan C. Arias | Mathew J. Denton | Tracy A. Ziegler | Meaghan E. Johnson | Jon Altman | William P. Thompson | Brice Sweeney | Michael S. Cherkiss | Kristen M. Hart
- 56 Me first! An analysis of Loggerhead (Cc) hatchling size and mass on emergence order
Alida M Johnson | Paul A Hillbrand | Elizabeth S Darrow
- 57 Insights into maternal foraging areas and terrestrial-aquatic linkages from organic chemical analyses of non-viable Kemp's ridley sea turtle eggs
Bethany K. Kunz | Donna J. Shaver | Kristen M. Hart | J. Shelby Walker | David Alvarez | Michael J. Hooper | Danielle Cleveland | Craig A. Stricker | David M. Walters | Michael Iacchetta | Christopher J. Schmitt
- 58 The fossil chelonioids of Alabama and their bearing on the evolution of modern marine turtles
Andrew Gentry | Dori Do | Loan Tran | Omar Hernandez
- 59 Sea turtle habitat use in Biscayne National Park
Kristen M. Hart | Andrew G. Crowder | Michael S. Cherkiss | **David C. Roche** | Derek A. Burkholder | Christopher R. Sasso | Megan C. Arias | Haley M. Turner | Allison M. Benscoter | Jacquelyn C. Guzy | Glenn D. Goodwin
- 60 A crab trap conundrum
Carol McCoy | **Wilma Katz**
- 61 Incubation duration and viability of late-season sea turtle nests on the East-Central Florida coast, USA
Merope S. Moonstone*** | Matt E. Larsen | Kate L. Mansfield | Erin E. Seney
- 62 Predator exclusion cages are the most widely used predator management method on North Carolina sea turtle nesting beaches
Elizabeth S. Darrow | Paul Hillbrand

- 63 Scute growth rate estimates: a radiocarbon analysis
Amy A. Wallace | William F. Patterson, III | Hannah B. Vander Zanden
- 64 Movements of juvenile Loggerheads stranded in Massachusetts but released from
Florida's east coast
Ashley Riese | **Daniel Evans**
- 65 Demographics of sea turtles within Florida's Nature Coast Aquatic Preserve
Cody R Mott | Jeffrey R Guertin | Ryan C Welsh | Ryan M Chabot | Blair E
Witherington | Rebecca Mott
- 66 Loggerhead egg and clutch size and variation on a Georgia barrier island:
connections to nesting history and hatching success
Luke Sundquist | John Carroll
- 67 Mechanical behavior of sea turtle shells throughout ontogeny
Ivana Serra*** | Jeanette Wyneken
- 68 Green turtle (*Chelonia mydas*) nesting parameters elucidated by satellite telemetry
on the West Florida Coast
Kristen Mazzearella | Shauna McBride-Kebert
- 69 Longitudinal study of sea turtle nesting behavior on a growing Gulf of Mexico rookery
Jake Lasala | Melissa Macksey | Kristen Mazzearella