TERRAPIN MONITORING AT THE PAUL S. SARBANES ECOSYSTEM RESTORATION PROJECT AT POPLAR ISLAND

2013

Final Report submitted to the
United States Army Corps of Engineers

Willem M. Roosenburg, Sarah R. Kitson, ElizaBeth Clowes, and Paul E. Converse
Department of Biological Sciences
Ohio University
Athens Ohio 45701

740-593-9669
roosenbu@ohio.edu

A school group on Poplar Island offers their last words of encouragement to their 2013 head-started terrapins after release in the spring of 2014.

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

BACKGROUND

The Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island (Poplar Island) is a large-scale project that is using dredged material to restore the once-eroding Poplar Island in the Middle Chesapeake Bay. As recently as 100 years ago, the island was greater than 400 hectares and contained uplands and high and low marshes. During the past 100 years, the island eroded and by 1996 only three small islands (<4 hectares) remained before the restoration project commenced. The Project Sponsors, the United States Army Corps of Engineers (USACE) and the Maryland Port Administration (MPA), are rebuilding and restoring Poplar Island to a size similar to what existed over 100 years ago. A series of stone-covered perimeter dikes facing the windward shores of Poplar Island were erected to prevent erosion. Dredged material from the Chesapeake Bay Approach Channels to the Port of Baltimore is being used to fill the areas within the dikes. The ultimate goals of the project are: to restore remote island habitat in the mid-Chesapeake Bay using clean dredged material from the Chesapeake Bay Approach Channels to the Port of Baltimore; optimize site capacity for clean dredged material while meeting the environmental restoration purpose of the project; and protect the environment around the restoration site. Ultimately, this restoration will benefit the wildlife that once existed on Poplar Island.

After completion of the perimeter dikes in 2002, diamondback terrapins, *Malaclemys terrapin*, began using the newly formed habitat as a nesting site (Roosenburg and Allman 2003; Roosenburg and Sullivan, 2006; Roosenburg and Trimbath, 2010; Roosenburg et al., 2004; 2005; 2007; 2008; 2010; 2012). The persistent erosion of Poplar Island and nearby islands had greatly reduced the terrapin nesting and juvenile habitat in the Poplar Island archipelago. Prior to the initiation of the restoration effort on Poplar Island, terrapin populations in the area likely declined due to emigration of adults and reduced recruitment (successful reproduction) because of limited high quality nesting habitat. By restoring the island and providing nesting and juvenile habitat, terrapin populations utilizing Poplar Island and the surrounding wetlands could increase and potentially repopulate the archipelago. The newly restored wetlands could provide the resources that would allow terrapin populations to increase by providing high quality juvenile habitat.

Poplar Island provides a unique opportunity to understand how large-scale ecological restoration projects affect terrapin populations and turtle populations in general. In 2002, a long-term terrapin monitoring program was initiated to document terrapin nesting on Poplar Island. By monitoring the terrapin population on Poplar Island, resource managers can learn how creating new terrapin nesting and juvenile habitat affects their populations. This information will contribute to understanding the ecological quality of the restored habitat on Poplar Island, as well as understanding how terrapins respond to large-scale restoration projects. The results of terrapin nesting surveys and hatchling captures from 2004 – 2013 are summarized herein to identify how diamondback terrapins use habitat created by the restoration of Poplar Island and how it has changed during that time.

The 2014 Poplar Island Framework Monitoring Document (FMD; Maryland Environmental Service, 2014) identifies three reasons for terrapin monitoring:

1) Quantify the use of nesting and juvenile habitat by diamondback terrapins on Poplar Island, including the responses to change in habitat availability as the project progresses.
2) Evaluate the suitability of terrapin nesting habitat by monitoring nest and hatchling viability, recruitment rates, and hatchling sex ratios.
3) Determine if the project affects terrapin population dynamics by increasing the available juvenile and nesting habitat on the island.

The terrapin's charismatic nature also makes it an excellent species to use as a tool for environmental outreach and education. Some of the terrapin hatchlings that originate on Poplar Island participate in an environmental education program in the Maryland schools through the Arlington Echo Outdoor Education Center (AE), Maryland Environmental Service (MES), and the National Aquarium in Baltimore (NAIB). These programs provide students with a scientifically-based learning experience that also allows Ohio University (OU) researchers to gather more detailed information on the nesting biology of terrapins, in addition to providing an outreach and education opportunity for the Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island. As part of the terrapin research program at Poplar Island, OU researchers are collaborating with staff at AE, MES, and NAIB to foster both a classroom and field experience that uses terrapins to teach environmental education and increase awareness for Poplar Island. The students raise the terrapins throughout their first winter, during which time they attain a body size that is comparable to 2-5 year old wild individuals, thus "head-starting" their growth. The specific goals of the terrapin outreach program are:

1) Provide approximately 250 terrapin hatchlings to AE, MES, and NAIB to be raised in classrooms.
2) Obtain sex ratio data from the hatchlings as increased body size allows.
3) Conduct a scientifically-based program to evaluate the effectiveness of head-starting.

METHODS

Specific details of differences in surveys and sampling techniques used during 2002–2013 can be found in Roosenburg and Allman (2003), Roosenburg and Trimbath (2010), and Roosenburg et al. (2004; 2005; 2008; 2014). Since 2004, survey efforts to find nests have been consistent in the Notch, outside Cell 5, and outside Cell 3. Construction on the island in Cell 6 has eliminated nesting activity there, and the completion of Cells 4D, 3D, 1A, 1B, and 1C have resulted in nesting along the interior perimeter dikes of these cells therefore mandating surveys of these recently completed nesting areas. Details of the general survey methods and specific techniques employed during 2013 are described below.

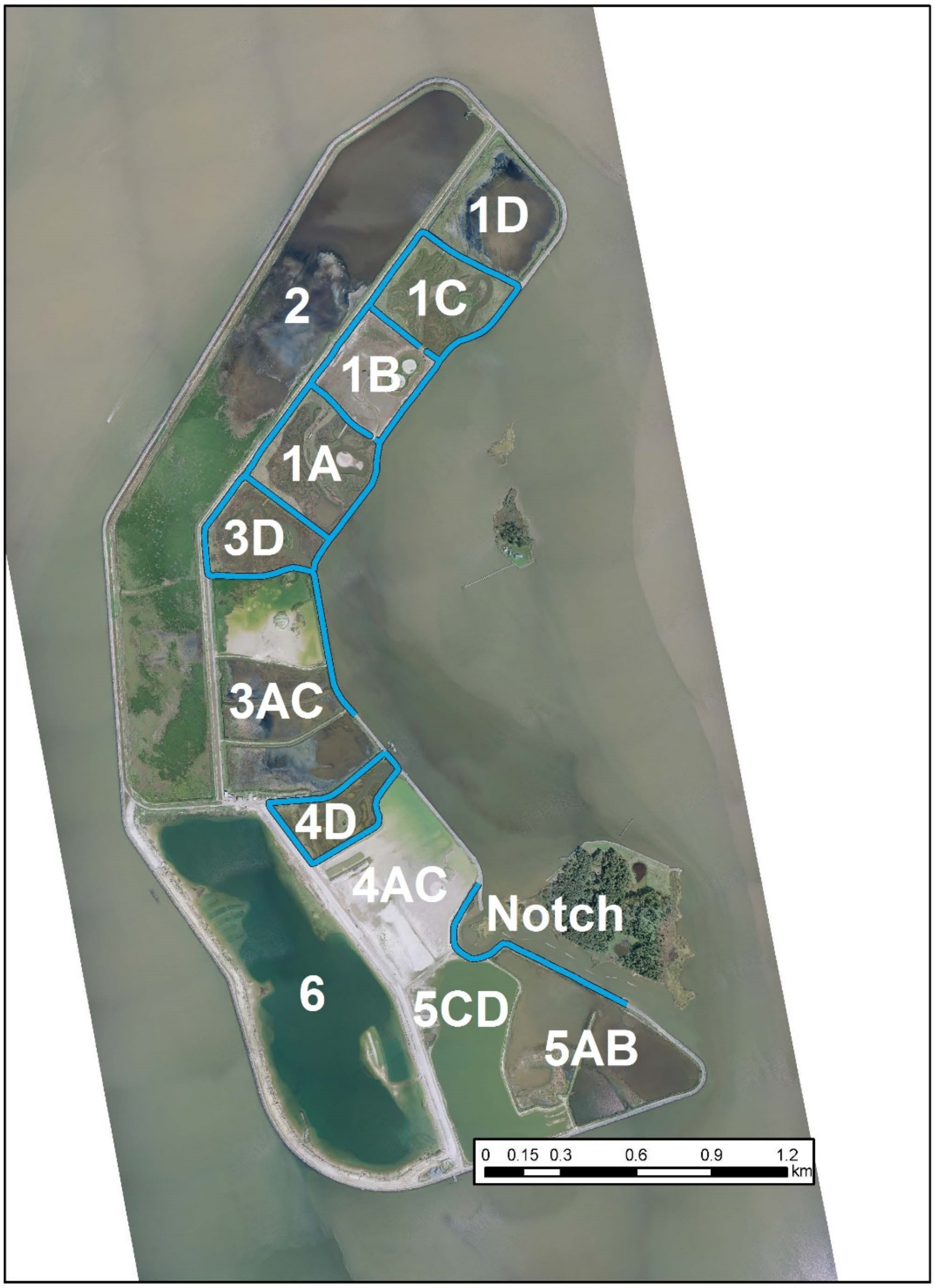


Figure 1. Map of Poplar Island with blue lines indicating areas surveyed for nesting activity daily by the research team.

Identification of terrapin nests: The first terrapin nest of the 2013 field season was located on 31 May 2013 and the last nest confirmed less than 24 hours old was found on 23 July 2013. OU researchers surveyed the following areas on Poplar Island daily (Monday – Friday): beaches in the Notch area (surrounding the northwestern tip of Coaches Island near Cell 4AB), areas between Coaches Island and Poplar Island (outside of Cell 5AB), the beach outside the dike near Cell 3AC in Poplar Harbor, and interior perimeter dikes of Cells 4D, 3D, 1A, 1B, and 1C (Figure 1). A geographic positioning system (GPS) recorded nest positions and survey flags identified the specific nest locations. Upon discovering a nest, researchers examined the eggs to determine the age of the nest. If the eggs were white and chalky, the nest was greater than 24 hours old and no further excavation was conducted because of increased risk of rupturing the allantoic membrane and killing the embryo. Researchers excavated recent nests (less than 24 hours old; these nests were identified by a pinkish translucent appearance of the eggs) to count the eggs, and from 2004 through 2013 weigh the individual eggs on a portable jewelers balance. Researchers marked nests with four 7.5 cm^2 survey flags, and beginning in 2005, laid a 30 cm by 30 cm, 1.25 cm^2 mesh rat wire on the sand over the nest to deter avian nest predators, primarily crows.

Monitoring nesting and hatching success: After 45 to 50 days of egg incubation, researchers placed an aluminum flashing ring around each nest to prevent emerging hatchlings from escaping. Anti-predator (1.25 cm^2) wire also was placed over the ring to prevent predation of emerging hatchlings within the ring. Beginning in late July, the researchers checked ringed nests at least once daily for emerged hatchlings. Researchers brought newly emerged hatchlings to the onsite storage shed where they measured and tagged the hatchlings.

Researchers excavated nests ten days after the last hatchling emerged. For each nest, they recorded the number of live hatchlings, dead hatchlings that remained buried, eggs with dead embryos, and eggs that showed no sign of development. To estimate hatching success, researchers compared the number of surviving hatchlings to the total number of eggs from only the nests that were excavated within 24 hours of oviposition, which provided an exact count of the number of eggs. Additionally, researchers determined if the nest was still active – with eggs that appeared healthy and had not completed development. The researchers allowed nests containing viable eggs or hatchlings that had not fully absorbed their yolk sac to continue to develop; however, researchers removed fully developed hatchlings from nests, further described in the next section.

Capture of hatchlings: Researchers collected hatchlings from ringed nests and also from un-ringed nests that were discovered by hatchling emergence (hatchling tracks or emergence hole). Researchers confirmed all nests discovered by emerging hatchlings by the presence of egg shells when excavated. Additionally, researchers found a small number of hatchlings on the beach in the notch which they collected by hand and processed. Because 49 nests had not produced hatchlings by 1 November 2013, these nests were left to be excavated in the spring of 2014. All overwintering nests that had not emerged by 4 April 2014 were excavated to determine their fate.

Measuring, tagging, and release of hatchlings: Researchers brought all hatchlings back to the MES shed onsite where they placed hatchlings in plastic containers with water until they were processed (measured, notched, and tagged), usually within 24 hours of capture. Researchers marked hatchlings by notching with a scalpel the 2^{nd} right marginal scute and 10^{th} left marginal scute, establishing the cohort ID 2R10L for 2013 fall emerging hatchlings. OU personnel gave spring 2014 emerging hatchlings a different cohort ID of

10R2L (notching the 10^{th} right marginal scute and 2^{nd} left marginal scute) to distinguish fall 2013 from spring 2014 emerging hatchlings upon later recapture. Researchers implanted individually marked coded wire tags (CWTs, Northwest Marine Technologies®) in all hatchlings. The CWTs were placed subcutaneously in the right rear limb using a 25-gauge needle. The CWTs should have high retention rates (Roosenburg and Allman, 2003) and in the future researchers will be able to identify terrapins originating from Poplar Island for the lifetime of the turtle by detecting tag presence using a Northwest Marine Technologies® V-Detector.

Researchers measured plastron length, carapace length, width, height (± 0.1 mm), and mass (± 0.1 g) of all hatchlings. Additionally, they checked for anomalous scute patterns and other developmental irregularities. Following tagging and measuring, researchers released all hatchlings in either Cell 4D, Cell 3D, or Cell 1C. On several occasions, large numbers (>50) of hatchlings were simultaneously released but dispersed around the cell to minimize avian predation.

Measuring, tagging, and release of juveniles and adults: All juvenile and adult turtles captured on the island were transported to the onsite shed for processing. Researchers recorded plastron length, carapace length, width, height, head width (±1 mm), and mass (±1 g) of all juveniles and adults. Passive Integrated Transponder (PIT, Biomark Inc.) tags were implanted in the right inguinal region; in the loose skin anterior to the hind limb where it meets the plastron. Additionally, a monel tag (National Band and Tag Company) was placed in the 9^{th} right marginal scute. The number sequence on the tag begins with the letters PI, identifying that this animal originated on Poplar Island.

Terrapin Education and Environmental Outreach Program: During 2013, 245 Poplar Island hatchlings were reared in the terrapin education and environmental outreach programs at AE, the NAIB, and MES. In April 2014, researchers traveled to AE and the NAIB to implant PIT tags in 234 head-started individuals and one individual died after tagging. Researchers also measured, weighed, and determined the sex (if possible) of all animals at this time. From late May through July 2014, the head-started terrapins were returned to Poplar Island and released.

Data Analysis and Processing: Researchers summarized and processed all data using Microsoft Excel® and Statistical Analysis System (SAS). Graphs were made using Sigmaplot®. Institutional Animal Care and Uses Committee at OU (IACUC) approved animal use protocols (IACUC # L02-06, protocol # 13-L-023) and Maryland Department of Natural Resources (MD DNR) – Wildlife and Heritage issued a Scientific Collecting Permit Number SCO-53958 to Willem M. Roosenburg (WMR).

RESULTS AND DISCUSSION

Nest and Hatchling Survivorship: During the 2013 terrapin nesting season (31 May–end of July), the researchers located 174 nests on Poplar Island (Table 1, raw nest data provided in Appendix 1). Of these 174 nests, 148 successfully produced hatchlings while

26 nests did not produce hatchlings, three of these were false nests containing no eggs. Twenty-three nests with eggs were unsuccessful: predators destroyed 12 nests completely and another four nests were partially depredated and the remaining embryos died (Table 1). Five partially depredated nests still produced hatchlings. Three unsuccessful nests did not develop, were micro eggs or were thin-shelled which results in nest failure and four nests were washed out by the higher than normal tides or heavy rains because the nest was in a high erosion area; one of these nests had hatched before it was washed out. Four nests were submerged for prolonged periods during spring tides, two emerged, one was subsequently washed out, and the 4th nest died.

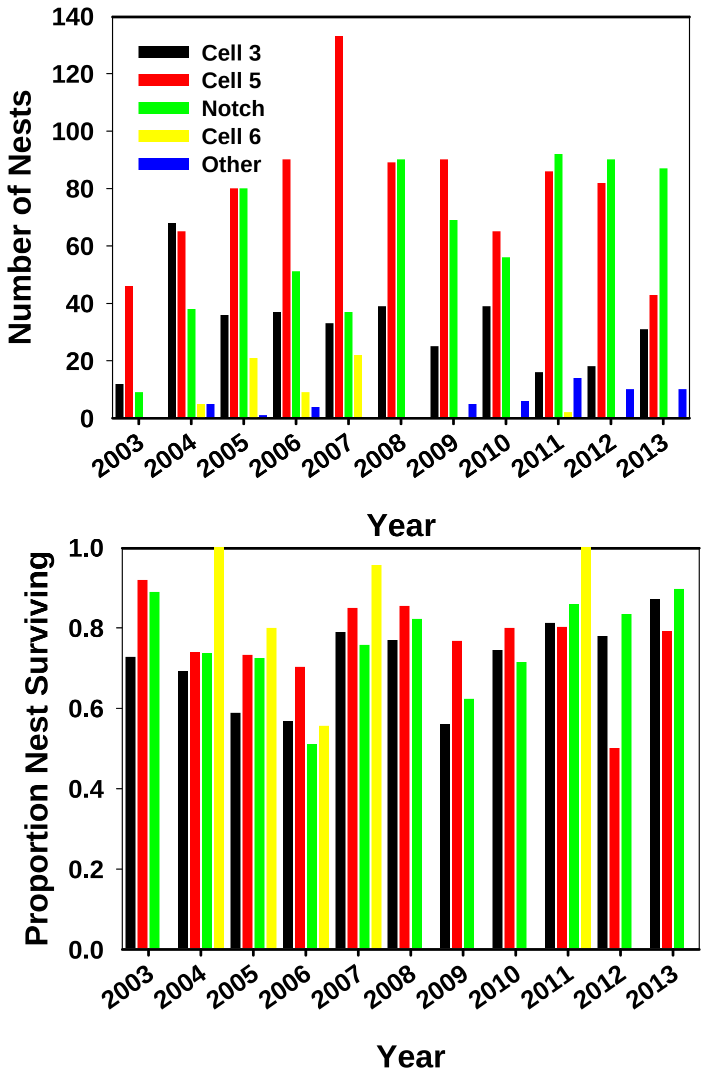
Table 1. Summary of the diamondback terrapin nests found on Poplar Island and their fate from 2002 to 2013.

Year	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Nests	68	67	182	282	191	225	218	189	166	211	200	174
Nests Produced Hatchlings	38	50	129	176	112	166	180	145	125	180	138	148
Nests that did not survive	1	7	17	70	69	44	28	34	42	20	51	23
Depredated (Roots or Animal)*	0	0	12	46	54	18	12	10	9	24/6	81/38	21/9
Washed Out**	1	6	3	11	13	2	6	3	4	3	4	4/1
Unsuccessful nests from Undeveloped eggs, weak shelled eggs, or dead embryos	0	1	0	12	1	19	10	12	11	5	6	3
Destroyed by another turtle or nest was in rocks	0	0	2	0	0	3	0	0	2	0	2	0
Destroyed by Bulldozer	0	0	0	1	0	0	0	0	0	0	0	0
Dead Hatchlings	0	0	0	0	1	2	0	2	6	3	0	0
Fate of Nest Unknown	29	10	36	36	10	19	10	10	17	9	7	0

***The two values for depredated nests indicates the total number nest that experienced some level of predation and the second number identifies those that were partially depredated. **The two values for washed out nests indicates the total number of nests that experienced a wash out event and the second number identifies those that were washed out after some hatchlings had already emerged.**

Poplar Island has averaged 204 terrapin nests per year since 2004 (Table 1); 2013 was a lower than average year deviating by -30 nests from the mean. The elevated sand storage in Cell 4AB during 2010–2012 and the subsequent north westerly wind caused erosion of sand to the perimeter dike in the Notch. This created large open sandy areas that have been heavily used by nesting females. The continued wind erosion maintains the high quality nesting habitat in this area with high nest survival (Figures 2 and 3). The increase in nests in the Notch since 2011 is primarily attributed to the increase in availability of open sandy nesting areas. The increase in open nesting habitat in the Notch

Figure 2. The number of nests in each of the major nesting areas for each year of the study (top graph) and the proportion of nests surviving (bottom graph).



may be contributing to reduced nesting on the outside of Cell 5AB perimeter dike, where vegetation has reduced the open area further contributing to a shift of nesting from this area to the Notch. Nonetheless, the area between Poplar Island and Coaches Island, which includes the Notch and Cell 5, remains the primary nesting area on Poplar Island. The completion of additional wetland cells has led to the expansion of nesting on other parts of the island (Figures 2 and 3). During 2012, the first nests were discovered on the cross dikes between Cells 1A, 1B, 1C, and 1D. The continuation of nesting in these areas during 2013 (Figure 2) indicates that terrapins are using these wetland cells to access nesting sites. The sparse vegetation on the cross dikes which subdivide these cells provides the open areas selected by females for nesting. Areas with dense vegetation typically support fewer terrapin nests in the Chesapeake Bay region (Roosenburg, 1996) and pose a threat to terrapin nests because the roots of grasses can either entrap hatchlings or prey directly on the eggs (Stegmann et al., 1988). The outside of Cell 3AC remains a reliable nesting area used by females as well as the open areas that have become established on the south (Cell 4C/D cross dike) and west (Cell 6/4D cross dike) of Cell 4D (Figure 3).

Survivorship of nests (the proportion of nests producing hatchlings) in the outer perimeter of Cell 5AB increased from 50.0% in 2012 to 81.4% (35/43 nests) in 2013 (Figure 2). Predation by deer mice, *Peromyscus maniculatus*, was the primary cause for the large 2012 decline in Cell 5AB nest survivorship. Nest survivorship remained similar during 2013 compared to other nesting areas where mouse predation was not observed in

Figure 3. Terrapin nesting locations on Poplar Island during 2013

2012. The island-wide lack of mice predation in 2013 could be the results of population cycles in deer mice on Poplar Island.

Researchers placed wire mesh over the nests to prevent crow predation during 2013. This mechanism was not successful in deterring predation by eastern king snakes (*Lampropeltis getulus*) on terrapin nests. One previously marked eastern king snake was recaptured on Poplar Island in 2013. Researchers suspect that king snakes are coming from Coaches Island and preying on the readily available terrapin nests, in addition to

Table 2. Average and standard error (in parentheses) of clutch size, clutch mass, and egg mass from 2004-2013 on Poplar Island.

Year	Clutch Size	Clutch Mass g	Egg Mass g
2004	13.68 (0.379)	127.55 (4.372)	9.80 (0.110)
2005	13.62 (0.245)	133.11 (2.541)	9.92 (0.087)
2006	13.48 (0.248)	133.28 (2.570)	9.97 (0.081)
2007	13.11 (0.241)	127.4 (2.502)	9.86 (0.086)
2008	12.90 (0.260)	128.0 (2.890)	10.06 (0.092)
2009	13.85 (0.242)	137.1 (2.335)	10.02 (0.091)
2010	13.33 (0.364)	133.1 (3.850)	10.10 (0.198)
2011	14.08 (0.290)	131.5 (2.688)	9.46 (0.142)
2012	13.67 (0.309)	131.7 (3.697)	10.13 (0.162)
2013	12.82 (0.303)	124.7 (2.796)	9.68 (0.043)

northern water snakes (*Nerodia sipedon*) and deer mice. Seven nests were depredated (6 full and 1 partial) by king snakes during 2013, with additional nests suspected but not confirmed. The lack of raccoons and foxes combined with researchers protecting nests from crows contributed to the continued high nest survival on Poplar Island.

Mean within nest survivorship (proportion of eggs within nest surviving for nests in which all eggs are known and their fate can be accurately determined including depredated nests if the number of eggs is known) was 0.555 during 2013. This is very similar to 2012, where mean within nest survivorship was 0.597, but well above the low observed in 2010 of 0.429. The fluctuation in survivorship across years is most likely due to the fluctuation of temperature and rainfall among years in which hotter, dryer summers reduced survivorship within nests, and wetter summers had higher survivorship. The 2010 nesting season was the hottest and driest on record, while 2013 had considerably more rainfall events during the summer. During hot and dry conditions soil water potentials drop and eggs can become desiccated and die as a consequence. In 2013, researchers documented three nests in which eggs had not completed development and died within the nests; desiccation or overheating can cause this within nest mortality. Possibly contributing to the egg mortality is the increasing presence of vegetation on the nesting beaches, particularly in the Notch and outside of Cell 5. Vegetation competes with turtle eggs for soil moisture; plants can tolerate lower soil water potentials than eggs, and the roots are able to encase eggs and draw the moisture from them (Stegmann et al., 1988).

Researchers noted two nests with thin-shelled or kidney shaped eggs on Poplar Island in 2013 and three nests with a similar condition in 2012. Thin-shelled eggs also have been observed in the Patuxent River terrapin population (Roosenburg, personal observation). In all of the clutches mentioned, only a few of the eggs were thin-shelled or misshaped. In previous years, OU researchers have noted nests in which all of the eggs have thin shells; these eggs are frequently broken during oviposition and seldom hatch. The cause of the thin-shelled eggs is unknown at this time, but it is not unique to Poplar Island. Two possible causes that remain to be evaluated include a toxicological effect by a factor ubiquitous in the Chesapeake Bay, or a resource limitation making the females unable to sequester sufficient amounts of calcium to shell the eggs.

Reproductive Output: Clutch mass (Analysis of Variance; ANOVA, $F_{9,942} = 1.72$, $P > 0.05$) did not differ among years. Clutch size (ANOVA, $F_{9,940} = 2.01$, $P > 0.05$) and average egg mass (ANOVA, $F_{9,941} = 2.77$, $P < 0.01$) did differ among years (Table 2). Clutch size varies by nearly one egg among years and decreased this amount from 2012 to 2013. Average egg mass also varies among years. In 2013, average egg mass decreased to 9.74 g from the largest average egg mass ever reported for Poplar Island in 2012 (10.13 g). This decrease resulted in the second smallest annual average egg mass recorded on the island. Researchers can only speculate what may be driving the variation in reproductive output observed among years but suggest two potential causes. The first is underlying environmental variation (e.g. temperature or resources) that may result in different allocation strategies that determine the number and size of eggs and the total clutch mass. As the number of terrapins continues to increase in the archipelago, competition for food may be intensifying and thus having an indirect effect on the reproductive characteristics as resources become limited. A study investigating environmental correlates of reproductive characteristics could reveal significant patterns associated with environmental variation, resource availability, and competitive interactions. Second, there may be changes in the demographic structure in the Poplar Island terrapin population such that the strong recruitment driven by the creation of new and predator free nesting habitat has resulted in a greater number of younger females. Younger females may have different reproductive characteristics than the older females that dominated the population in the early years of the project. Additionally, younger females may be more variable in their production of eggs. Being able to identify clutches of known-aged females could address these questions. Monitoring during 2013 recorded the first occurrence of a ‘micro egg’. Four nests were noted to contain micro eggs; three buried with a normal clutch of eggs and one discovered to be the only egg in the nest cavity. These micro eggs were observed to be white, translucent, misshapen, and approximately 1 g in mass. The micro eggs also may be produced by younger females or perhaps by head-started individuals that may be at the appropriate size of maturity but physiologically they are not yet mature. Continued monitoring of terrapin reproductive biology on Poplar Island will be important in determining the underlying causal factors of variation in reproductive output.

Hatchlings: Researchers captured 1167, 3 were dead and not tagged, 1164 were tagged and notched, 2 died after tagging and another 5 hatchlings died during transport to headstart program before distribution to schools leaving 1,157 terrapin hatchlings on Poplar Island between 6 August 2013 and 4 April 2014 (Table 3; Appendix 2). Thirteen hatchlings were caught by hand on the nesting beach along the Notch. All other hatchlings were captured in the rings surrounding the nests. Researchers found 32 nests after 25 July 2013 through 28 October 2013 that were discovered either when the hatchlings emerged or predators had excavated the nests and left egg shells. Hatchling carapace length and mass were similar among all years of the study (Table 3). Since 2002, 13,445 hatchlings have been captured, tagged, and notched on Poplar Island (Table 3, these values includes animals that were put into the head-start program).

Table 3. Number of hatchlings, mean (and standard error) of carapace length, and mean mass of terrapin hatchlings caught on Poplar Island from 2002–2013.

YEAR	NUMBER OF HATCHLINGS	MEAN CARAPACE LENGTH mm	MEAN MASS g
2002	565	31.28 (1.61)	7.52 (0.96)
2003	387	31.13 (1.50)	7.50 (0.99)
2004	1,337	31.57 (1.47)	7.61 (0.89)
2005	1,526	30.98 (1.94)	7.45 (1.10)
2006	855	30.95 (1.71)	7.38 (1.01)
2007	1,616	31.26 (1.72)	7.50 (0.91)
2008	1,443	31.03 (1.34)	7.42 (0.14)
2009	1,430	30.99 (1.83)	7.33 (0.99)
2010	785	30.45 (0.06)	7.38 (0.04)
2011	1,382	30.41 (2.02)	7.40 (1.15)
2012	961	30.83 (2.26)	7.37 (1.30)
2013	1,157	30.65 (0.06)	7.21 (0.03)
TOTAL	13,444		

Hatchling recruitment was more typical in 2013 as compared to previous years. Although there were fewer nests discovered than in 2012 (Table 1), the decreased mice predation rates in the outside perimeter of Cell 5AB compared to 2012 offset the decrease in the number of nests. All other nesting areas had nest survival rates that were comparable to previous years (Figure 2). The relationship between average clutch egg mass and average clutch hatchling mass (HM = EM*0.799 + -0.2026; r^2 = 0.662) suggests that incubation conditions were normal during 2013. Only in 2008 and 2010, summers when incubations were dryer than normal due to lower rainfall and higher temperatures, did the relationship between egg and hatchling mass differ (ANOVA; $F_{9, 367} = 4.65$; $P < 0.0001$) resulting in larger eggs producing smaller than normal hatchlings (Figure 4). These findings suggest that hatchling size is affected by both egg size and the environmental conditions experienced during incubation.

Over-wintering: OU researchers let 49 nests overwinter during the winter of 2013–2014, of which 45 overwintered successfully (Table 4). In the spring, the constant accumulation of sand within the rings resulted in several nests emerging as indicated by the texture of the egg shells but the hatchlings escaped as the sand had completely covered the rings. The number of nests that had both fall and spring emerging hatchlings decreased from twelve in 2012 to two nests in 2013 (Table 4). Researchers recovered only seven dead hatchlings from overwintering nests, suggesting that despite a low number of nests overwintering, overwintering success was high. Three of the overwintering nests contained more than 6 dead eggs each indicating that mortality occurred while the eggs were developing and not in the nest post-hatching.

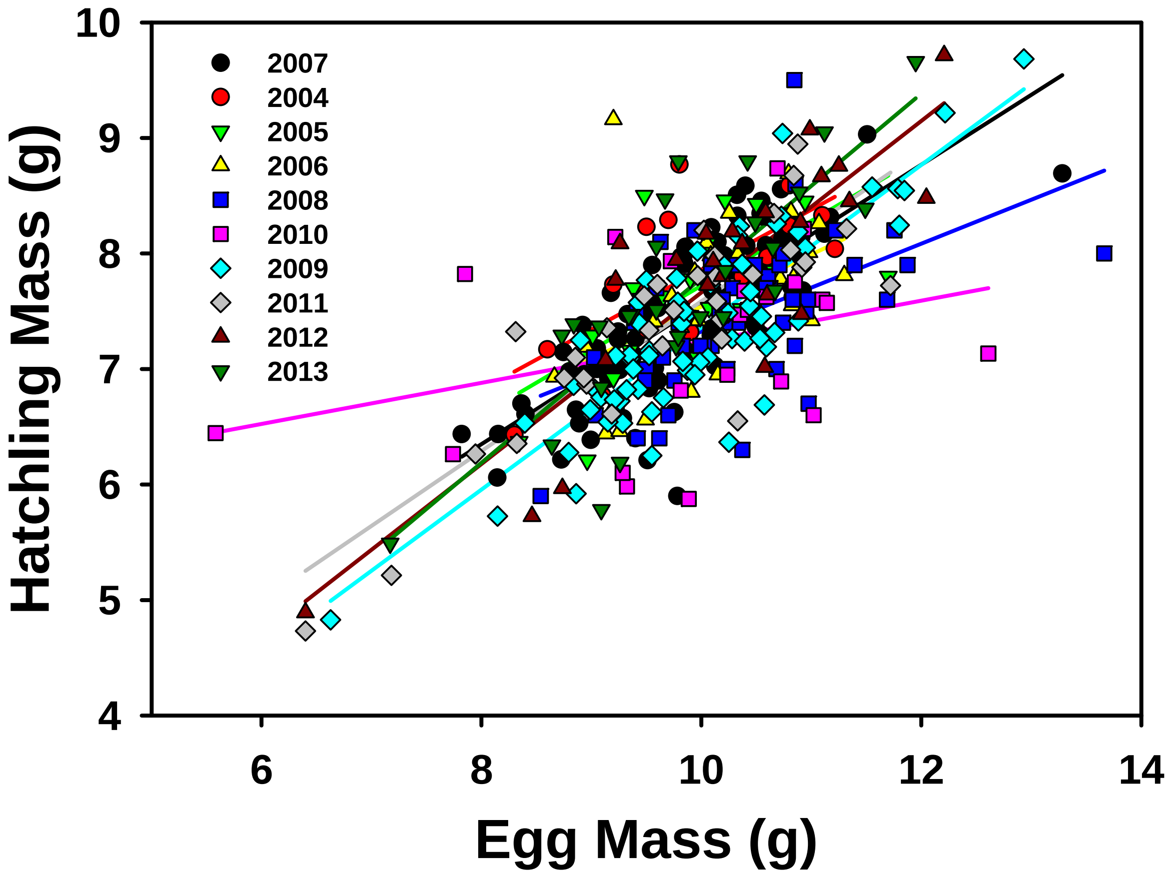


Figure 4. The relationship between average egg mass by clutch and average hatchling mass by clutch for ten years on Poplar Island. The relationship is similar for all years except 2010 when the slope of the relationship decreased substantially.

Researchers also PIT tagged terrapins that were part of the AE, NAIB, and MES head-start programs. Researchers tagged and processed 234 terrapins in April 2014 (Appendix 3). During May, June, and July 2014, 233 head-started hatchlings were transported to Poplar Island and were released. Twelve hatchlings died during the rearing phase of the project.

Highlights of the 2013 Field Season: A number of interesting observations occurred during the 2013 field season. The first 'micro egg' was documented as a white, translucent, misshapen egg weighing approximately 1 g. Four nests contained micro eggs; three micro eggs were deposited alongside a normal clutch and one was the only egg deposited in the nest cavity. The first 'false nest' was reported as an empty flask shaped cavity, with a nest plug, up and down tracks, and an obvious crescent shape in the substrate indicative of nesting. Three false nests were documented during the 2013 field season. A snapping turtle hatchling (*Chelydra serpentina*) was captured by hand mid-September in a cleared area of Cell 5, suggesting that snapping turtles may be reproducing either on the island or nearby on another island in the archipelago.

Table 4. Nest fate and overwintering percentage of the Cell 5 and Notch nests during the 2006–2013 nesting seasons on Poplar Island.

	2006	2007	2008	2009	2010	2011	2012	2013
Total Nests - Notch & Outside of Cell 5	146	170	183	159	124	178	172	130
Depredated Nests and Nests destroyed before fall emergence	47 (32.2%)	18 (10.6 %)	17 (9.3%)	12 (7.5%)	4 (3.2%)	15 (8.4%)	46 (26.7%)	15 (11.5%)
Fall Emerging Nests	49 (33.6%)	92 (54.1%	113 (61.7%)	68 (42.8%)	77 (62.1%)	134 (75.3%)	62 (36.0%)	66 (50.8%)
Nests Over-wintering	44 (30.1%)	60 (35.3%)	44 (24.0%)	74 (46.5%)	21 (16.9%)	22 (12.4%)	40 (23.3%)	49 (37.7%)
Spring Emerging Nests	33 (22.6%)	50 (29.4%)	40 (21.9%)	66 (41.5%)	21 (16.9%)	22 (12.4%)	40 (23.3%)	45 (34.6%)
Over-wintering Nests that did not Emerge	6 13.6%	4 (2.4%)	4 (2.2%)	8 (5.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (3.1%)
Unknown Nests	11 (7.5%)	6 (3.5%)	9 (4.9%)	5 (3.1%)	5 (4.0%)	7 (3.9%)	25 (14.5%)	0 (0.0%)
Both Fall & Spring Emerging Nests	1 (0.7%)	0 (0%)	1 (0.5%)	4 (2.5%)	4 (3.2%)	4 (2.2%)	12 (7.0%)	1 (0.8%)

Though 2012 recorded the first gravid female that was marked as a hatchling in 2004 returning to Poplar Island to nest, 2013 exhibited four more returning females. Two of these individuals were marked hatchlings from the years 2003 and 2005. The other two gravid females were head-started individuals from the years 2005 and 2006. The 6 year old individual from 2006 is 2 years younger than youngest wild gravid females in the Chesapeake Bay region. The age of maturity for female terrapins in the nearby Patuxent Estuary is 8 to 13 years (Roosenburg 1991). This indicates that head-starting allows for individuals to reach sexual maturity at least two years faster than what is normally observed within the wild population. The effects of head-starting will continue to be monitored to determine if this makes a significant impact on the age of first reproduction.

Conclusions

Terrapin nesting was lower than average during 2013; however, nest survival outside of Cell 5 increased back to a typical level of 79%. The level of mouse predation diminished in 2013 as compared to 2012, resulting in more surviving nests that produced hatchlings and thus similar numbers of hatchling recruited between 2012 and 2013. The difference in predation could indicate cycles in the deer mouse population on Poplar Island. Poplar Island continues to provide excellent terrapin nesting habitat since the completion of the perimeter dike. Nest survivorship remains high on Poplar Island relative to the Patuxent River mainland population (Roosenburg, 1991) mainly because the primary nest predators, raccoons and foxes, are absent from the island, and crow predation is reduced by the wire mesh laid over the nests.

The sand stockpile in Cell 4AB and its erosion by wind has created high quality (open sandy) nesting habitat in the Notch since 2011. The large deposit of sand formed a large sand dune in the Notch that continues to attract terrapins to nest. Furthermore, windblown erosion created open sandy areas in Cell 4D and the Notch that were previously overgrown with vegetation. Indeed, Figure 3 illustrates the high density nesting that occurred in these areas of newly formed nesting habitat. The targeting of vegetation-free areas by nesting females indicates the need to maintain these types of habitat throughout the island to provide high quality nesting habitat on Poplar Island. This conclusion also was supported by the vegetation removal experiment conducted in 2012 (Roosenburg et al, 2014) that demonstrated that terrapins placed more nests in the open cleared areas than in the control areas. Researchers are concerned by the increasing vegetation, particularly outside Cell 5 and in the Notch and the dramatic decrease in nesting observed outside Cell 5AB. The accumulated sand in the northern portion of the Notch made available large portions of suitable nesting habitat (with little vegetation) that was used by nesting females during 2013. The number of nests found annually also indicates that 70–125 adult females are using Poplar Island for nesting. This estimate is based on a maximum reproductive output of three clutches per year per female, as has been observed in the Patuxent River population (Roosenburg and Dunham, 1997).

During 2013, researchers conducted daily (Monday-Friday) surveys of the nesting areas in the Notch, outside Cell 5, and outside Cell 3, in addition to daily surveys in Cell 4D, Cell 3D, and Cells 1A, 1B, and 1C. This was possible because one researcher was dedicated full-time to locating terrapin nests and three other OU researchers assisted her throughout the nesting season. The researchers discovered 32 nests by noting hatchlings emerging after the nesting season had ended, and confirmed the nest with the presence of egg shells. Many of these nests were probably laid during the weekends of the nesting season when researchers could not complete nesting surveys. Furthermore, the extremely dry conditions during July made it more difficult to locate recently laid nests because the disturbances in the sand that identify nests erode more quickly in dryer soils.

Raccoons, foxes, and otters are known terrapin nest predators and contribute to low nest survivorship in areas where these predators occur, sometimes depredating 95% of the nests (Roosenburg, 1994). The lack of raccoons and foxes on Poplar Island minimizes the risk to nesting females (Seigel, 1980; Roosenburg, pers. obs.). The absence of efficient nest and adult predators on Poplar Island generated nest and adult survivorship rates that remain higher compared to similar nesting areas with efficient predators. As was similarly observed in 2002 through 2013 (Roosenburg and Allman, 2003; Roosenburg and Sullivan, 2006; Roosenburg and Trimbath, 2010; Roosenburg et al., 2004; 2005; 2007; 2008; 2011), the nest survivorship and hatchling recruitment on Poplar Island continues to be higher relative to mainland populations.

Poplar Island produced 1,157 hatchlings during the 2013 nesting season. Hatchlings started emerging from the nests on 6 August 2013; the overwintering hatchlings were excavated on 4 April 2014. Researchers released all of the hatchlings in Cell 4D, Cell 3D, and Cells 1A and 1C, however many of the hatchlings released in September and October 2013 clearly preferred to stay on land as opposed to remaining in the water. This trend in terrestrial habitat selection is supported by other studies on terrapin hatchlings and juveniles (Roosenburg et al. 1999; Draud et al. 2004). Terrapin hatchlings hibernate underground as opposed to underwater like adult terrapins (Draud et al. 2004); hibernating in water may be physiologically more costly than hibernating on land.

During the winter of 2013–2014, 45 nests overwintered successfully. The recovery of 325 hatchlings from overwintering nests confirms overwintering as a successful strategy used by some terrapin hatchlings. A total of 49 nests had not emerged by 1 November 2013 and thus left to overwinter. However, excavation of three of these nests in the following spring discovered a large number of dead eggs, indicating that these nests never developed successfully during the summer incubation period. Excavation of a fourth nest revealed that two eggs had been predated by roots. Other nests contained empty egg shells from which hatchlings had emerged but had escaped the ring. In these cases it was impossible to confirm whether these nests emerged in the fall or the spring. Continued studies of overwintering and spring emergence will be conducted to better understand the effect of overwintering on the terrapin's fitness, life cycle, and natural history. Poplar Island offers a wonderful opportunity to study terrapin overwintering because of the large number of nests that survive predation.

The educational program conducted in collaboration with the AE Outdoor Education Center, the NAIB, and MES successfully head-started many terrapins. Students increased the size of the hatchlings they raised to sizes characteristic of two–five year old terrapins in the wild. All hatchlings were PIT tagged to determine the fate of these hatchlings in the future through the continued mark-recapture study. During the summers of 2008–2013, mark-recapture efforts in the Poplar Island Harbor and the area between Poplar and Coaches Island have relocated several head-start and natural release hatchlings. The preliminary results indicate that some terrapins from the island are remaining within the archipelago and surviving. In 2012, the first gravid adult female originally marked as a hatchling on Poplar Island in 2004 was recaptured. In 2013, the return of four more gravid adults originating on Poplar Island was recorded. Two individuals were marked as hatchlings and released, while the other two individuals were part of the head-starting program.

The initial success of terrapin nesting on Poplar Island indicates that similar projects also may create suitable terrapin nesting habitat. Although measures are taken on Poplar Island to protect nests, similar habitat creation projects should have high nest success until raccoons or foxes colonize the project. Throughout their range, terrapin populations are threatened by loss of nesting habitat to development and shoreline stabilization (Roosenburg, 1991; Siegel and Gibbons, 1995). Projects such as the Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island combine the beneficial use of dredged material with ecological restoration, and can create habitat similar to what has been lost to erosion and human practices. With proper management, areas like Poplar Island may become areas of concentration for species such as terrapins, thus becoming source populations for the recovery of terrapins throughout the Bay.

The Poplar Island FMD identifies three purposes for the terrapin monitoring program. The first purpose is to monitor terrapin nesting activity and habitat use to quantify terrapin activity on Poplar Island. The current monitoring program is detailing widespread use of the island by terrapins, evidenced by a comparable number of nests found relative to mainland sites in the Patuxent River as well as the recovery of several marked individuals in our mark-recapture study. The second purpose is to determine the suitability of the habitat for terrapin nesting. The high nest success and hatching rates on Poplar Island indicate the island provides high quality terrapin nesting habitat, albeit limited in availability because of the rock perimeter dike around most of the island. The third purpose is to determine if the project is affecting terrapin population dynamics. During 2013, OU researchers continued the intensive trapping in developed wetland cells started in 2012 (funded by MD-DNR) and recaptured large numbers of both head-start and wild hatchlings that originated from Poplar Island. Furthermore, the discovery of nests and nesting females on the dikes around developed wetland cells indicates that terrapins are using this newly created habitat.

The Poplar Island FMD also identifies three hypotheses for the terrapin monitoring program. Hypothesis one is that there will be no change in the number of terrapin nests or the habitat used from year to year. During 2013, researchers discovered 174 nests, which is not statistically different from the mean of 204 nests per year, supporting this hypothesis. Hypothesis two states that nest survivorship, hatchling survivorship, and sex ratio will not differ between Poplar Island and reference sites. This hypothesis is rejected as nest success and hatchling survivorship is much higher on Poplar Island because of the lack of major nest predators, and the sex ratio of hatchlings on Poplar Island is highly female biased. Hypothesis three states that there will be no change in terrapin population size on Poplar Island; particularly within cells from the time the cells are filled, throughout wetland development, and after completion and breach of the retaining dike. The status of this hypothesis remains undetermined as there is not enough data currently to form a conclusion.

RECOMMENDATIONS

Terrapin nesting is expanding on Poplar Island as completion of wetland cells creates both access and availability of nesting habitat. The discovery of nests on the dikes of Cells 3D, 4D, 1A, 1B, and 1C indicates that female terrapins are entering wetlands and using them as access routes to nesting areas. Researchers have frequently noted terrapins inside the wetland Cells 4D and 3D. Although the dikes around the new wetland cells, in particular Cells 3D, 1A, 1B, and 1C are sufficiently elevated for terrapin nesting, nesting activity potentially could increase if elevated (1 m), open sandy areas were created strategically near inlets and open water within the cells. Particularly, the terminal ends of the cross dikes that lie between Cells 1A/1B and 1B/1C could attract terrapin nesting because of their proximity to the channels (Figure 5). Supplementing sand and maintaining open areas could attract nesting females to these areas.

As the nesting beach outside Cell 3AC continues to decrease in size and the vegetation continues to increase in the Notch and outside Cell 5, the amount of accessible high quality nesting habitat is decreasing. The large decrease in nesting activity outside Cell 5AB may be a direct consequence of the increasing density and stature of the vegetation in the recent years. The accumulation of sand in the Notch during 2010–2012 has created open sandy habitat that was heavily used by terrapins during the 2013 nesting season, indicating that the availability of open sandy habitat can enhance terrapin nesting activity on the island.

Figure 5. Aerial photo of the cross dikes between Cells 1A/B and 1B/C (before cross dike breach) highlighting potential nesting areas that could be expanded and maintained vegetation free with minimal danger of erosion.

The northeast expansion of Poplar Island provides an additional opportunity to create more terrapin nesting habitat in the sheltered areas of Poplar Harbor between Poplar Island and Jefferson Island. In particular, areas to be built to the northeast of Jefferson Island would be ideal for creating terrapin nesting habitat. The creation of these nesting areas could help offset the loss of nesting habitat that has occurred on the outside of Cell 3C in recent years. Although this area is proposed to be an upland cell, the creation of offshore bulkheads and backfilling of sand as illustrated in Figure 6 could provide a large amount of terrapin nesting habitat in an area where terrapins have been captured in high concentrations. Building structures such as those illustrated in Figure 6 on the outside of the barrier dike would preclude the need to build additional fencing to prevent turtles from getting into the cells under construction. Furthermore, nesting areas without marsh and beach grasses could be provided for terrapin nesting habitat within the cells under construction. Terrapins avoid nesting in areas with dense vegetation (Roosenburg 1996), so providing open, sandy areas on the seaward side of the dikes should reduce efforts by terrapins to enter cells under construction to find suitable, open areas for nesting.

Predator control on the island will be paramount to the continued success of terrapin recruitment. Minimizing raccoon and fox populations will maintain the high nest survivorship observed in 2002 through 2013. The high nest success due to screens placed over the nests is an effective mechanism to reduce crow predation. A sustained program to eliminate mammalian predators and prevent avian predation will facilitate continued terrapin nesting success on Poplar Island.

Figure 6. Shoreline stabilization and the creation of terrapin nesting habitat in Calvert County, Maryland – Red dots indicate terrapin nests.

Researchers also recommend the continuation of terrapin nesting monitoring on Poplar Island. The area of newly deposited sand with little vegetation creates a natural experiment that will allow us to evaluate how the creation of other new nesting areas may benefit nesting activity on the island. Furthermore, experimental removal of vegetation in some nesting areas could continue to be tested as a mechanism to increase nesting densities in areas of Cell 5 and the Notch, where nesting density has declined in recent years, but also as a potential management tool to direct nesting to new areas. Additionally, continued monitoring will document the further expansion and use of terrapin habitat on the island. OU researchers plan to continue to include additional cells into the nesting surveys as the cells are developed.

Finally, researchers recommend the continuation of the head-start education program. The terrapin is an excellent ambassador for the island because of its charismatic nature, but also because the project has successfully created habitat for this species. Thus the terrapin education program is an extremely effective mechanism to teach about Poplar Island and its environmental restoration. The message that terrapins provide is not only absorbed by K–12 students, but by all visitors to the island and therefore is an invaluable tool to promote the restoration effort at Poplar Island. These recommendations offered by OU will contribute to the continuing and increasing understanding of the effect of Poplar Island's restoration on terrapin populations and their use as ambassadors for Poplar Island.

ACKNOWLEDGMENTS

We are grateful to Kevin Brennan, Mark Mendelsohn, Robin Armetta, Justin Callahan, and Doug Deeter of the USACE for their support and excitement about discovering terrapins on Poplar Island. Michelle Osborn, Claire Ewing, and Alexa Poynter of MES completed some of the fieldwork in this project. Without their contribution this work could not have been successful. We also are indebted to the MES staff of Poplar Island who checked ringed nests during weekends and holidays. We thank Dave Bibo and the staff of the MPA for their continued support of the Poplar Island terrapin project. Joe Joyce, Austin Miles, and Megan Zdybowicz participated in fieldwork. This work was supported through an Army Corps of Engineers Contract to WMR, two Program to Aid Career Exploration (PACE) awards to WMR from OU, and an Honors Tutorial Fellowship for Austin Miles. All animal handling protocols were approved by the IACUC at OU (IACUC # L02-06 and # 13-L-023) issued to WMR. All collection of terrapins was covered under a Scientific Collecting Permit number SCO-53958 issued to WMR through the MD-DNR Natural Heritage and Wildlife Division.

LITERATURE CITED

Draud, M., M. Bossert, and S. Zimnavoda. 2004. Predation on Hatchling and Juvenile Diamondback Terrapins (*Malaclemys terrapin*) by the Norway Rat (*Rattus norvegicus*). Journal of Herpetology 38:467-470.

Maryland Environmental Service. 2014. Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island Monitoring Framework.

Roosenburg, W. M. 1991. The diamondback terrapin: Habitat requirements, population dynamics, and opportunities for conservation. In: A. Chaney and J.A. Mihursky eds. *New Perspectives in the Chesapeake System: A Research and Management and Partnership. Proceedings of a Conference.* Chesapeake Research Consortium Pub. No 137. Solomons, Md. pp. 237 - 234.

Roosenburg, W. M. 1994 Nesting habitat requirements of the diamondback terrapin: a geographic comparison. Wetland Journal 6(2):8-11.

Roosenburg, W. M. 1996. Maternal condition and nest site choice: an alternative for the maintenance of environmental sex determination. Am. Zool. 36:157-168.

Roosenburg, W. M. and P. E. Allman. 2003. Terrapin Monitoring at Poplar Island. Final Report submitted to the Army Corps of Engineers, Baltimore District. Baltimore, MD. pp. 13.

Roosenburg, W. M., R. Dunn, and N. L Smeenk. 2010. Terrapin Monitoring at Poplar Island, 2009. Final Report Submitted to the Army Corps of Engineers, Baltimore Office, Baltimore, MD pp. 23.

Roosenburg, W. M. and A. E. Dunham. 1997. Allocation of reproductive output: Egg and clutch-size variation in the diamondback terrapin. Copeia 1997:290-297.

Roosenburg, W. M., K. L. Haley, and S. McGuire. 1999. Habitat Selection and Movements of Diamondback Terrapins, *Malaclemys terrapin*, in a Maryland Estuary. Chelonian Conservation and Biology 3: 425-429.

Roosenburg, W. M., M. Heckman, and L.G. Graham. 2008. Terrapin Monitoring at Poplar Island - 2007. Final Report submitted to the Army Corps of Engineers, Baltimore District. Baltimore, MD. pp.45.

Roosenburg, W. M., E. Matthews, and L.G. Graham. 2007. Terrapin Monitoring at Poplar Island - 2006. Final Report submitted to the Army Corps of Engineers, Baltimore District. Baltimore, MD. pp.45.

Roosenburg, W. M., T. A. Radzio and P. E. Allman. 2004. Terrapin Monitoring at Poplar Island - 2003. Final Report submitted to the Army Corps of Engineers, Baltimore District. Baltimore, MD. pp. 41.

Roosenburg, W. M., T. A. Radzio and D. Spontak. 2005. Terrapin Monitoring at Poplar Island - 2004. Final Report submitted to the Army Corps of Engineers, Baltimore District. Baltimore, MD. pp. 26.

Roosenburg, W. M., L. Smith and P. E. Converse. 2012. Terrapin Monitoring at Poplar Island - 2011. Final Report submitted to the Army Corps of Engineers, Baltimore District. Baltimore, MD. pp. 50.

Roosenburg, W. M., D. M. Spontak, S. P. Sullivan, E. L. Mathews, M. L. Heckman, R. J. Trimbath, R P. Dunn, E. A. Dustman, L. Smith, and L.J. Graham. 2014Nesting Habitat Creation Enhances Recruitment in a Predator Free Environment: *Malaclemys* Nesting at the Paul S. Sarbanes Ecosystem Restoration Project. Restoration Ecology 22:815-823.

Roosenburg, W. M. and S. Sullivan. 2006. Terrapin Monitoring at Poplar Island - 2005. Final Report submitted to the Army Corps of Engineers, Baltimore District. Baltimore, MD. pp. 54.

Roosenburg, W. M. and R. Trimbath. 2010. Terrapin Monitoring at Poplar Island - 2008. Final Report submitted to the Army Corps of Engineers, Baltimore District. Baltimore, MD. pp. 54.

Seigel, R. A. 1980. Predation by raccoons on diamondback terrapins, *Malaclemys terrapin tequesta*. J. Herp. 14:87-89.

Seigel, R. A. and Gibbons, J. W. 1995. Workshop on the ecology, status, and management of the diamondback terrapin (*Malaclemys terrapin*), Savannah River Ecology Laboratory, 2 August 1994: final results and recommendations. Chelonian Conservation and Biology 1:240-243.

Stegmann, E. W., R. B. Primack, and G. S. Ellmore. 1988. Absorption of nutrient exudates from terrapin eggs by roots of *Ammophila breviligulata* (Gramineae). Canadian Journal of Botany. 66:714-718.

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
1	31-May-13	38.75232	76.37468	Notch	N	13	146.9	11.30	16	6-Sep: 1 hatch; 9-Sep: 1 hatch; 13-Sep: 1 hatch; 17-Sep: dug up 13 hatch; no dead eggs. hatch number larger than clutch size. hatch may have come from neighboring nest.
2	31-May-13	38.75286	76.37429	Notch	N	11	112.4	10.22	11	Left to overwinter; 4 April: 11 hatch.
3	31-May-13	38.75124	76.37319	Notch	N	15	146.4	9.76	0	One egg punctured by female; Nest laid atop old nest- dead egg discovered upon excavation; Left to overwinter; 4 April: 15 dead eggs- nest failed.
4	31-May-13	38.76063	76.37991	Cell 3	N	11	118.3	10.75	0	Washed away 7 June 2013.
5	31-May-13	38.75160	76.37466	Notch	N	13	141.6	10.89	12	13 Sep: 12 hatch; 23 Sep: dug up, 1 dead egg.
6	3-Jun-13	38.76116	76.38013	Cell 3	N	15	150.3	10.02	-	Washed away 7 June 2013.
7	3-Jun-13	38.75191	76.37469	Notch	N	12	128.0	10.67	12	28 Aug: 9 hatch; 29 Aug: 3 hatch; 9 Sep: dug up-shells only.
8	3-Jun-13	38.75178	76.37274	Notch	N	7	81.2	11.60	3	Laid atop old nest; Left to overwinter; 4 April: 3 hatch and 3 dead eggs.
9	3-Jun-13	38.74980	76.36770	Cell 5	N	12	133.0	11.08	5	9 Aug: 14 hatch; 21 Aug: dug up- 1 hatch, 4 dead eggs, possible ant predation.
10	3-Jun-13	38.74977	76.36766	Cell 5	N	12	109.1	9.09	9	Left to overwinter; 4 April: 9 hatch, 3 dead eggs.
11	4-Jun-13	38.76086	76.38007	Cell 3	N	12	122.4	10.20	11	22 Aug: 9 hatch; 27 Aug: 1 hatch; 28 Aug: 1 hatch, dug up- shells.
12	4-Jun-13	38.75229	76.37468	Notch	Y				-	King snake depredation.
13	4-Jun-13	38.75189	76.37468	Notch	N	15	119.9	7.99	-	Laid next to old nest with 6 dead eggs; Left to overwinter; 4 April: shells and 1? dead egg.
14	4-Jun-13	38.76098	76.38007	Cell 3	N	15	140.6	9.37	15	6 Aug: 3 hatch; 7 Aug: 4 hatch; 9 Aug: 2 hatch; 12 Aug: 2 hatch; 20 Aug: 2 hatch; 21 Aug: dug up- 2 hatch.
15	5-Jun-13	38.75135	76.37291	Notch	N	13	101.3	7.79	19	Left to overwinter; 4 April: 19 hatch- possibly two nests.
16	5-Jun-13	38.75005	76.36840	Cell 5	N				12	Old nest- not excavated; Left to overwinter; 4 April: 12 hatch, 1 dead egg.
17	5-Jun-13	38.75117	76.37343	Notch	N				9	Old nest- not excavated; Left to overwinter; 4 April: 9 hatch, 2 dead eggs.
18	5-Jun-13	38.75262	76.37446	Notch	N	12	119.9	9.99	12	4 Sep: 12 hatch; 17 Sep: dug up- empty shells.
19	5-Jun-13	38.76053	76.37987	Cell 3	N	15	137.4	9.16	9	15 Oct: 9 hatch, 6 dead eggs dug up.
20	5-Jun-13	38.76110	76.38015	Cell 3	N	7	65.4	9.34	7	15 Aug: 4 hatch; 20 Aug: 1 hatch; 26 Aug: 2 hatch; 27 Aug: dug up- empty shells

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
21	6-Jun-13	38.76123	76.38016	Cell 3	N				-	Old nest- not excavated; Partially washed out 26 July 2013, 6 floating eggs recovered and burried upland; partially inundated 10 October during storm; no eggs developed since washout.
22	6-Jun-13	38.75187	76.37470	Notch	N	15	112.3	7.49	13	3 Sep: 9 hatch; 5 Sep: 1 hatch; 9 Sep: 1 hatch; 11 Sep: 1 hatch; 18 Sep: 1 hatch, dug up-1 dead egg and empty shells.
23	6-Jun-13	38.74989	76.36797	Cell 5	N	10	100.6	10.06	3	Eggshells thin and kidney shaped; 13 Sep: 2 hatch; 16 Sep: 1 hatch; 23 Sep: dug up- 3+ dead eggs.
24	6-Jun-13	38.74964	76.36716	Cell 5	N	12	140.4	11.70	0	Laid just above mean high tide, frequently inundated during storms; 15 Oct: dug up-12 dead eggs.
25	7-Jun-13	38.75342	76.37377	Notch	N	14	133.8	9.56	6	13 Sep: 6 hatch; 24 Sep: dug up-7-8 dead eggs, one with black mottling.
26	7-Jun-13	38.75209	76.37469	Notch	N	10	102.0	10.20	10	9 Sep: 1 hatch; 13 Sep: 7 hatch; 20 Sep: 2 hatch, dug up-empty shells.
27	7-Jun-13	38.75181	76.37466	Notch	N	9	85.3	9.48	5	One small, misshapen, very translucent egg; Left to overwinter; 4 April: 5 hatch, 2 dead eggs, 1 micro egg not developed.
28	7-Jun-13	38.75162	76.37467	Notch	N	16	175.7	10.98	14	29 Aug: 12 hatch; 4 Sep: 2 hatch; 9 Sep: dug up- 1 dead egg and empty shells.
29	7-Jun-13	38.75150	76.37287	Notch	Y				0	King snake depredation (partial); Raining while found; nest not excavated; Left to overwinter; 4 April: 14 dead eggs-nest failed.
30	10-Jun-13	38.75102	76.37073	Cell 5	N				14	Old nest- not excavated; Left to overwinter; 4 April: 14 hatch.
31	10-Jun-13	38.75250	76.37456	Notch	N	16	168.1	10.51	13	3 Oct: 11 hatch; 4 Oct: 2 hatch; 12 Oct: dug up-empty shells only.
32	10-Jun-13	38.75292	76.37421	Notch	N	14	144.7	10.34	9	Left to overwinter; 4 April: 9 hatch, 4 dead eggs.
33	11-Jun-13	38.74946	76.36694	Cell 5	N	13	141.5	10.88	4	Left to overwinter; On steep slope; 4 April: 4 hatch and empty shells.
34	11-Jun-13	38.75240	76.37463	Notch	N	17	145.5	8.56	15	5 Sep: 11 hatch; 6 Sep: 3 hatch; 9 Sep: 1 hatch; 17 Sep: dug up-empty shells only.
35	12-Jun-13	38.75098	76.37065	Cell 5	N	14	125.9	9.68	7	Female PIT 484C6F352F; Start 1250; One egg broken by field assistant; 6 Sep: 1 hatch; 19 Sep:dug up-6 hatch and 7 dead eggs.

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
36	17-Jun-13	38.76108	76.38016	Cell 3	N	12	115.1	9.59	11	26 Aug: 11 hatch; 9 Sep: dug up-1 dead egg.
37	17-Jun-13	38.76077	76.38005	Cell 3	N				3	Old nest; 28 Aug: 1 hatch; 29 Aug: 2 hatch; 9 Sep: dug up-2 dead eggs with roots grown through.
38	17-Jun-13	38.75161	76.37468	Notch	N	17	170.4	10.02	11	3 Sep:10 hatch; 11 Sep: 1 hatch; 18 Sep: dug up-5 dead eggs.
39	17-Jun-13	38.75209	76.37470	Notch	N				14	Old nest; 26 Aug: 14 hatch; 9 Sep: dug up-empty shells only.
40	17-Jun-13	38.75224	76.37471	Notch	N	1			0	One micro egg only- No bottom/top depths
41	17-Jun-13	38.75243	76.37462	Notch	N	14	149.1	10.65	11	27 Aug: 10 hatch; 29 Aug: 1 hatch; 9 Sep: dug up empty shells only.
42	17-Jun-13	38.75156	76.37294	Notch	N				1	Old nest; 14 Oct: 1 hatch and large emergence hole. dug up with only empty shells.
43	17-Jun-13	38.75096	76.37061	Cell 5	N				11	Old nest; 13 Sep: 10 hatch; 23 Sep: dug up 1 hatch and 4 dead eggs.
44	17-Jun-13	38.75097	76.37058	1C/1D	N				13	Old nest; 15 Oct: 13 hatch, dug up no dead eggs
45	18-Jun-13	38.76111	76.38014	Cell 3	N	9	105.8	11.76	6	16 Aug: 4 hatch; 19 Aug: 1 hatch; 26 Aug: 1 hatch; 27 Aug: dug up empty shells only
46	18-Jun-13	38.76096	76.38008	Cell 3	N				13	Old nest; 15 Aug: 9 hatch; 16 Aug: 1 hatch; 26 Aug: 3 hatch, dug up shells only
47	18-Jun-13	38.75311	76.37406	Notch	N	10	106.5	10.65	10	11 Sep: 10 hatch, dug up
48	18-Jun-13	38.74996	76.36816	Cell 5	N	12	120.8	10.98	10	One micro egg; left to overwinter; 4 April: 10 hatch and 1 dead egg
49	18-Jun-13	38.74944	76.36687	Cell 5	N	13	88.3	6.79	2	Left to overwinter; 4 April: 2 hatch and 6 dead eggs
50	19-Jun-13	38.75209	76.37465	Notch	N	12	124.3	10.36	8	13 Sep: 8 hatch; 23 Sep: dup up shells only; hatch probably escaped; Nest laid in thin layer of sand atop bent Spartina
51	20-Jun-13	38.75169	76.37564	Notch	N	13	133.6	10.28	4	13 Sep: 2 hatch; 23 Sep: 2 hatch, dug up
52	20-Jun-13	38.75252	76.37454	Notch	N	17	181.5	10.68	16	13 Sep: 1 hatch; 1 Oct: 15 hatch; 15 Oct: dug up only shells; hatch may have emerged from an adjacent ring
53	20-Jun-13	38.75332	76.37390	Notch	N	14	123.3	8.81	12	Female PIT 0A13677938 with barnacles; 27 Aug:9 hatch; 28 Aug: 3 hatch; 9 Sep: dug up 3 dead eggs
54	20-Jun-13	38.75509	76.38170	Cell 4D	N	13	91.9	7.07	12	Relocated from road to incline 10ft south; Female PIT 4A0C204E63; 9 Sep: 8 hatch; 13 Sep:2 hatch; 20 Sep 1 hatch

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
55	20-Jun-13	38.76479	76.38451	Cell 3C/D	N	14	139.9	9.99	0	Relocated to 2m N from middle of road to side of road; Female caught; 15 Oct: 8 eaten hatchlings still in nest (ants?), 6 dead eggs
56	20-Jun-13	38.76094	76.38013	Cell 3	N	14	136.0	9.71	13	22 Aug: 13 hatch; 2 Sep: dug up shells only
57	21-Jun-13	38.76078	76.38002	Cell 3	N	14	140.0	10.00	11	28 Aug: 11 hatch; 9 Sep: dug up 1 dead egg and empty shells
58	21-Jun-13	38.76078	76.38001	Cell 3	N	13	144.5	11.12	13	21 Aug: 12 hatch; 28 Aug: 1 hatch; dug up shells
59	21-Jun-13	38.76482	76.38439	Cell 3C/D	N	18	157.1	9.82	9	Two eggs found broken; 3 Sep: 8 hatch; 6 Sep: 1 hatch; 10 Sep: dug up 3 dead eggs
60	21-Jun-13	38.75228	76.37467	Notch	N	14	134.3	9.59	14	4 Sep: 14 hatch; dug up shells only
61	24-Jun-13	38.76114	76.38013	Cell 3	N	10	92.3	9.23	5	26 Aug: 1 hatch; 27 Aug: 2 hatch; 29 Aug: 1 hatch; 3 Sep: 1 hatch; 6 Sep: dug up 4 dead eggs
62	24-Jun-13	38.75300	76.37417	Notch	N	20	143.4	7.17	20	3 Oct: 20 hatch dug up empty shells
63	24-Jun-13	38.75244	76.37460	Notch	N	12	117.8	9.82	8	29 Aug: 7 hatch; 9 Sept: 1 hatch, dug up, used as replacement for dead HS
64	24-Jun-13	38.75176	76.37468	Notch	N	15	147.1	9.81	14	6 Sep: 14 hatch; 20 Sep: dug up shells only
65	24-Jun-13	38.75109	76.37349	Notch	N	13	129.8	9.98	10	Left to overwinter; 4 April: 10 hatch and 1 dead egg
66	24-Jun-13	38.75146	76.37186	Cell 5	Y	16	158.1	10.54	0	One egg broken by female; Partial depredation 8 July; 15 Oct: dug up 1 dead egg only.
67	24-Jun-13	38.75129	76.37159	Cell 5	N				-	Nest inundated; Eggs turgid; Not excavated; Left to overwinter; 4 April: 1 emerged egg shell
68	24-Jun-13	38.75119	76.37125	Cell 5	N	12	117.2	9.77	12	30 Sep: 11 hatch; 3 Oct: 1 hatch, dug up only shells
69	24-Jun-13	38.75089	76.37051	Cell 5	N	15	111.7	7.98	11	Punctured egg; Left to overwinter; 4 April: 11 hatch, logger, empty shells
70	24-Jun-13	38.75065	76.36986	Cell 5	N				9	Old nest; Left to overwinter; 4 April: 9 hatch and 2 dead eggs
71	25-Jun-13	38.75231	76.37467	Notch	N	15	132.6	8.84	14	10 Sep: 14 hatch; 23 Sep: 1 dead egg
72	26-Jun-13	38.76092	76.38009	3D	N	16	179.2	11.95	13	One broken egg; 21 Aug: 5 hatch; 22 Aug: 6 hatch; 26 Aug: 1 hatch; 3 Sep: dug up 1 hatch and 2 dead eggs
73	26-Jun-13	38.76101	76.38010	3D	N	11	114.6	10.42	10	22 Aug: 9 hatch; 26 Aug: 1 hatch; 3 Sep: dug up 1 dead egg
74	26-Jun-13	38.75355	76.37379	Notch	Y				0	Old nest; Full depredation 9 July 2013
75	26-Jun-13	38.75279	76.37435	Notch	N	17	163.6	9.62	15	Left to overwinter; 4 April: 15 hatch
76	26-Jun-13	38.75220	76.37468	Notch	N	0			-	False Nest
77	26-Jun-13	38.75127	76.37424	Notch	Y	15	153.4	10.23	0	Full depredation 26 July 2013

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
78	26-Jun-13	38.75154	76.37270	Notch	N				12	Old nest; small air pocket; Left to overwinter; 4 April: 12 hatchlings
79	26-Jun-13	38.75032	76.36884	Cell 5	N	11	102.2	9.29	3	Left to overwinter; 4 April: 3 hatchlings, 8 dead eggs killed by grasses
80	26-Jun-13	38.74972	76.36753	Cell 5	Y				0	Full depredation by king snake
81	27-Jun-13	38.77311	76.37629	1B/1C	N	8	91.9	11.49	8	15 Oct: 8 hatch; only shells left when dug
82	27-Jun-13	38.75305	76.37414	Notch	N				9	Old Nest, Left to overwinter; 3 Oct: 9 hatch; 4 April: dug up only emerged egg shells
83	28-Jun-13	38.77336	76.37672	1B/1C	N	12	132.7	11.06	6	Eggs found on ground next to female. Buried by hand; Female PI=0092; 1 cracked egg; 15 Oct: dug up 6 hatch and 2 dead eggs
84	28-Jun-13	38.75155	76.37468	Notch	N				16	Old Nest; Large air pocket, not excavated; 4 Oct: 16 hatch
85	28-Jun-13	38.75154	76.37466	Notch	N	13	123.7	9.52	15	Left to overwinter; 4 April: 15 hatch
86	28-Jun-13	38.75146	76.37457	Notch	N	13	138.6	10.66	10	13 Sep: 9 hatch; 23 Sep: 1 hatch, dug up 2 dead eggs
87	28-Jun-13	38.75084	76.37035	Cell 5	N				13	Large air pocket. Not excavated; Left to overwinter; 4 April: 13 hatch and 1 dead egg
88	1-Jul-13	38.75083	76.37033	Cell 3	Y				0	Old nest; Full depredation 2 July 2013
89	1-Jul-13	38.76094	76.38008	Cell 3	N	8	78.3	9.79	7	28 Aug: 7 hatch; 9 Sep: dug up pink undeveloped egg
90	1-Jul-13	38.75235	76.37465	Notch	N	18	163.2	9.07	15	13 Sep: 10 hatch; 23 Sep: 5 hatch and 3 dead eggs
91	1-Jul-13	38.75125	76.37311	Notch	Y	14	86.5	6.18	0	Full depredation 2 July 2013
92	1-Jul-13	38.75161	76.37221	Cell 5	N				11	Old nest; Left to overwinter; 4 April: 11 hatch
93	1-Jul-13	38.75128	76.37139	Cell 5	N				13	Old Nest; 10 Oct: 13 hatch; 15 Oct: dug up 1 dead egg
94	1-Jul-13	38.75115	76.37103	Cell 5	Y				0	Full depredation by king snake.
95	1-Jul-13	38.74989	76.36798	Cell 5	N				1	Old nest; Left to overwinter; 4 April: 1 hatch and 3 dead eggs, might be dead/emerged shells
96	1-Jul-13	38.74948	76.36690	Cell 5	N				10	Old nest; Left to overwinter; 23 Sep: 10 hatch; 4 April: only empty shells
97	1-Jul-13	38.75158	76.37465	Notch	N	11	109.3	9.94	5	Left to overwinter; 23 Sep: 5 hatch; 4 April: 1 emerged egg shell?
98	1-Jul-13	38.77045	76.37949	1A/1B	N				14	Old Nest; 15 Oct: 14 hatch and no dead eggs
99	2-Jul-13	38.75123	76.37420	Notch	N				10	Old nest; Left to overwinter; 4 April: 10 hatch and 1 dead egg
100	2-Jul-13	38.75143	76.37284	Notch	N				11	Old nest; Left to overwinter; 4 April: 11 hatch and 1 dead egg

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
101	3-Jul-13	38.75141	76.37284	1A/1B	Y				0	4 predated eggs found nearby
102	3-Jul-13	38.75273	76.37438	Notch	N	14	139.5	9.96	18	23 Sep: 1 hatch; 4 Oct: 14 hatch; 7 Oct: 3 hatch; hatchlings from unknown nest may have been caught by ring
103	3-Jul-13	38.75226	76.37464	Notch	N	11	128.3	11.66	0	Left to overwinter; 4 April: 15? dead eggs
104	3-Jul-13	38.75147	76.37458	Notch	N	15	115.8	7.72	13	2 Oct: 12 hatch; 3 Oct: 1 hatch; 14 Oct: 1 pink undeveloped egg
105	3-Jul-13	38.75141	76.37177	Cell 5	N	12	118.2	9.85	11	Left to overwinter; 4 April: 11 hatch
106	3-Jul-13	38.75082	76.37031	Cell 5	N				0	Old nest; Left to overwinter; 4 April: 2 dead eggs killed by roots
107	3-Jul-13	38.75037	76.36919	Cell 5	N				-	Old nest; Left to overwinter; 4 April: emerged egg shells only
108	3-Jul-13	38.75305	76.37415	Notch	N	14	120.9	8.64	14	9 Sep: 14 hatch, empty shells left
109	5-Jul-13	38.76077	76.37997	Cell 3	N	10	96.7	9.67	9	30 Aug: 7 hatch; 4 Sep: 2 hatch (1 found dead during p.m. check- appeared frozen while emerging); 9 Sept: dug up shells only
110	5-Jul-13	38.76482	76.38470	3C/D	N	10	104.9	10.49	8	15 Oct: 8 hatch, dug up
111	5-Jul-13	38.75334	76.37387	Notch	N				11	Large air pockets; Not excavated; 3 Sep: 4 hatch; 4 Sep: 3 hatch; 5 Sep: 1 hatch; 6 Sep: 2 hatch; 9 Sep: 1 hatch.
112	5-Jul-13	38.75270	76.37444	Notch	N	12	126.8	10.57	9	9 Sep: 9 hatch; 20 Sep: dug up 1 dead egg and 1 pink egg
113	5-Jul-13	38.75128	76.37143	Cell 5	N	13	131.5	10.12	10	13 Sep: 10 hatch; 23 Sep: dug up 2 dead eggs
114	8-Jul-13	38.75072	76.37002	Cell 5	N	13	112.2	8.63	12	Left to overwinter; 4 April: 12 hatch
115	9-Jul-13	38.75251	76.37457	Notch	N	15	146.9	9.79	12	20 Sep: 11 hatch; 23 Sep: 1 hatch; 17 Oct: dug up 3 dead eggs
116	9-Jul-13	38.75181	76.37468	Notch	N	13	70.6	5.43	1	Very small eggs; Left to overwinter; 4 April: 1 hatch and 11 dead eggs
117	9-Jul-13	38.75163	76.37468	Notch	N				10	Old nest; Left to overwinter; 4 April: 10 hatch
118	9-Jul-13	38.75162	76.37466	Notch	N				13	Old Nest; 28 Aug: 13 hatch; 9 Sep: dug up shells only
119	10-Jul-13	38.76082	76.37999	Cell 3	N	19	192.8	10.15	7	13 Sep: 5 hatch; 16 Sep: 1 hatch; 24 Sep: 1 hatch, dug up 7-8 dead eggs
120	10-Jul-13	38.76090	76.38005	Cell 3	N	10	104.9	10.49	10	No top depth recorded; 9 Sep: 10 hatch, only shells remain

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
121	10-Jul-13	38.76084	76.38008	Cell 3	N	8	69.8	8.73	7	One micro egg; Female PIT 4A0E2F2868; PI=1252; 15 Oct: dug up, 7 hatch and 1 dead egg
122	10-Jul-13	38.75281	76.37430	Notch	N	9	74.0	8.22	6	Left to overwinter; 4 April: 6 hatch and 2 dead eggs
123	11-Jul-13	38.75241	76.37462	Notch	N				11	Large air pockets; Not excavated; Left to overwinter; 23 Sep: 5 hatch; 26 Sep: 1 hatch; 4 April: 5 hatch and 1 dead egg
124	15-Jul-13	38.75242	76.37462	Notch	N	11	101.9	9.26	10	Left to overwinter; 4 April: 10 hatch and 1 dead egg
125	15-Jul-13	38.75190	76.37469	Notch	N				10	Old nest; Left to overwinter; 30 Sep: 10 hatch; 4 April: only emerged egg shells
126	15-Jul-13	38.75119	76.37342	Notch	N				10	Old nest; Left to overwinter; 4 April: 10 hatch, 1 dead egg, 2 dead hatch
127	15-Jul-13	38.75091	76.37046	Cell 5	Y				0	Old Nest; Full depredation by King Snake
128	15-Jul-13	38.74975	76.36760	Cell 5	Y				0	Fully depredated nest; King snake
129	15-Jul-13	38.75160	76.37260	Notch	N				10	Old nest; Left to overwinter; 4 April: 10 hatch
130	16-Jul-13	38.76091	76.38006	Cell 3	N	9	99.5	11.06	7	1 Oct: 6 hatch; 2 Oct: 1 hatch
131	16-Jul-13	38.75114	76.37097	Cell 5	Y	15	153.6	10.24	0	Full depredation 18 July 2013 by King Snake
132	16-Jul-13	38.74986	76.36794	Cell 5	N	11	100.9	9.17	5	Left to overwinter; 4 April: 5 hatch and 4 dead eggs
133	17-Jul-13	38.74997	76.36815	Cell 5	N				8	Old nest; Left to overwinter; 4 April: 8 hatch
134	18-Jul-13	38.77317	76.37642	1B/C	N				9	Old Nest; 15 Oct: 9 hatch and 2 dead eggs
135	18-Jul-13	38.75137	76.37467	Notch	N				10	Old nest- not excavated; Left to overwinter; 7 Oct: 10 hatch; 4 April: emerged egg shells only
136	19-Jul-13	38.76077	76.38000	Cell 3	N	9	81.8	9.09	8	7 Oct: 8 hatch; 10 Oct: very high tide from storm- nest inundated, dug up- 1 dead egg
137	19-Jul-13	38.76082	76.38001	Cell 3	N	14	135.3	9.66	11	7 Oct: 10 hatch; 8 Oct: 1 hatch; Ring washed away 10 October 2013, 1 dead egg found, 2 hatch/eggs likely washed out
138	22-Jul-13	38.76481	76.38483	3 CD	N				-	False Nest
139	23-Jul-13	38.75300	76.37411	Notch	N	16	142.4	8.90	10	3 kidney-shaped eggs; Left to overwinter; 22 Oct: 5 hatch; 4 April: 5 hatch, 4 dead eggs, 2 dead hatch
140	23-Jul-13	38.75266	76.37443	Notch	N				-	False Nest
141	25-Jul-13	38.75151	76.37268	Notch	Y				0	Full predation upon discovery
142	25-Jul-13	38.75084	76.37035	Cell 5	Y				1	Several eggshells found near nest; Old nest; Most eggs seemto be remaining; Left to overwinter; 4 April: 1 hatch, 7 dead eggs, 3 dead hatch (2 in egg)

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
143	21-Aug-13	38.76102	76.38010	Cell 3	N				-	Discovered by hatchling tracks; 13+ eggshells (determined by large eggshell pieces); no dead eggs
144	26-Aug-13	38.76092	76.38008	Cell 3	N				1	Discovered by hatchling tracks; 9+ eggshells; no dead eggs; 1 remaining hatchling
145	26-Aug-13	38.76097	76.38011	Cell 3	N				2	Discovered by hatchling tracks; 8+ eggshells; no dead eggs; 2 hatch
146	3-Sep-13	38.75329	76.37394	Notch	N				-	Discovered by emergence hole; 10+ eggshells; no dead eggs; no hatch
147	3-Sep-13	38.75277	76.37432	Notch	N				-	Discovered by emergence hole; 13+ eggshells; 1 dead hatch, mostly developed, worm predation
148	3-Sep-13	38.75059	76.36969	Cell 5	N				1	Discovered by emergence hole; 6+ eggshells; side of bank by water's edge; 1 hatch
149	11-Sep-13	38.75337	76.37389	Notch	N				-	Discovered by emergence hole; 7+ eggshells; 1 dead egg
150	11-Sep-13	38.75152	76.37463	Notch	N				-	Discovered by emergence hole; 9+ eggshells; 2 dead eggs (still pink)
151	11-Sep-13	38.74945	76.36690	Cell 5	N				-	Discovered by emergence hole; 7+ eggshells; 1 dead egg; 5 dead (mostly developed) hatchlings; maggot predation; tails clipped from 2/5 hatch (13)151-1 and (13)151-2
152	13-Sep-13	38.76083	76.38002	Cell 3	N				2	Discovered by emergence hole; very small eggshell pieces; no dead eggs; 2 hatch
153	13-Sep-13	38.75253	76.37456	Notch	N				-	Discovered by emergence hole; 7+ eggshells; no dead eggs; no hatch
154	13-Sep-13	38.75208	76.37471	Notch	N				-	Discovered by emergence hole; 6+ eggshells; no dead eggs
155	13-Sep-13	38.75125	76.37147	Cell 5	N				1	Discovered by emergence hole; 7+ eggshells; no dead eggs; 1 hatch
156	13-Sep-13	38.75010	76.36855	Cell 5	N				3	Discovered by emergence hold; 8+eggshells; 3 hatch
157	13-Sep-13	38.76090	76.38046	Cell 3	N				1	Discovered by hatchling tracks; 5+ eggshells; 1 hatch
158	16-Sep-13	38.74945	76.36691	Cell 5	N				-	Discovered by emergence hole; small eggshell pieces only; no dead eggs
159	16-Sep-13	38.74947	76.36691	Cell 5	N				1	Discovered by emergence hole; 3 eggshells; 5 dead eggs;1 hatch (small curled tail, limited movement of hind limbs)

Nest Number	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Number Hatch	Comments
160	17-Sep-13	38.75346	76.37379	Notch	N				-	Discovered by emergence hole; 4+ eggshells; no dead eggs
161	19-Sep-13	38.75291	76.37428	Notch	N				-	Discovered by hatchling tracks; small eggshell pieces; no dead eggs
162	23-Sep-13	38.75113	76.37352	Notch	N				-	Discovered by emergence hole; 10+ eggshells; 2 dead eggs
163	3-Oct-13	38.75154	76.37461	Notch	N				1	Discovered by emergence hole; 10+ eggshells; no dead eggs; 1 hatch
164	4-Oct-13	38.75303	76.37418	Notch	N				-	Discovered by hatchling tracks; ~7 eggshells; near nests 62 and 82; no dead eggs; 6 hatch found within 10 m radius, likely from nest
165	4-Oct-13	38.75152	76.37459	Notch	N				-	Discovered by emergence hole; 7+ eggshells; 1 dead egg;
166	7-Oct-13	38.75144	76.37288	Notch	N				1	Discovered by emergence hole; 7+ eggshells; 2 dead eggs; 1 hatch
167	8-Oct-13	38.75338	76.37386	Notch	N				-	Discovered by emergence hole; 3+ eggshells; no dead eggs
168	10-Oct-13	38.75115	76.37356	Notch	N				1	Discovered by emergence hole; 1 hatch with severe plastron anomalies; in old Exp. Plot 2; 3+ shells
169	16-Oct-13	38.75198	76.37471	Notch	N				-	Discovered by emergence hole; 9+ eggshells; no dead eggs or hatch
170	16-Oct-13	38.75130	76.37437	Notch	N				-	Discovered by emergence hole; 7+ eggshells; 2 dead eggs; very deep nest
171	17-Oct-13	38.75288	76.37523	Notch	N				-	Discovered by emergence hole; 5+ eggshells
172	21-Oct-13	38.75219	76.37471	Notch	N				-	Discovered by emergence hole; 6+ eggshells
173	23-Oct-13	38.75157	76.37210	Cell 5	N				-	Discovered by emergence hole; 3+ eggshells; outside fence; 2 dead eggs
174	28-Oct-13	38.75096	76.37065	Cell 5	N				-	Discovered by emergence hole; 8+ eggshells; 1 dead egg; probably emerged much earlier by was exposed my dying vegetation

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
6-Aug-13	2490	2491	1R2R10L	Nest	14	25.3	28.8	27.2	16.0	7.8	Accidental 1R Notch
6-Aug-13	2492	2493	1R2R10L	Nest	14	25.7	28.3	27.3	14.6	7.6	Accidental 1R Notch
6-Aug-13	2494		2R10L	Nest	14	26.2	28.4	26.8	16.6	7.6	ANO V1-5
7-Aug-13	2495	2496	2R10L	Nest	14	27.4	30.9	27.5	15.4	7.9	
7-Aug-13	2497		2R10L	Nest	14	25.9	30.1	27.4	16.3	7.4	ANO V5
7-Aug-13	2499		2R10L	Nest	14	26.9	29.8	28.7	15.2	7.7	ANO V5
7-Aug-13	2500	2501	2R10L	Nest	14	26.1	29.0	27.0	15.8	7.3	
9-Aug-13	2505	2506	2R10L	Nest	9	28.2	30.7	27.3	16.2	8.8	
9-Aug-13	2507		2R10L	Nest	9	27.9	31.0	27.7	15.5	8.8	
9-Aug-13	2508	2509	2R10L	Nest	9	27.5	30.1	26.7	15.3	8.5	
9-Aug-13	2510	2511	2R10L	Nest	9	27.1	29.6	26.7	15.7	7.7	
9-Aug-13	2502		2R10L	Nest	14	26.5	30.3	27.1	15.4	7.9	
9-Aug-13	2503	2504	2R10L	Nest	14	27.2	30.1	27.4	15.1	7.5	
12-Aug-13	2512		2R10L	Nest	14	27.0	30.0	28.4	15.8	7.7	HS
12-Aug-13	2513	2514	2R10L	Nest	14	26.9	30.9	27.7	16.0	7.5	HS
15-Aug-13	2523	2524	2R10L	Nest	20	27.7	32.4	28.6	15.5	7.8	HS
15-Aug-13	2525		2R10L	Nest	20	26.5	30.8	27.5	15.8	7.1	HS
15-Aug-13	2526	2527	2R10L	Nest	20	26.6	31.1	26.7	15.5	7.1	HS
15-Aug-13	2528	2529	2R10L	Nest	20	25.5	30.2	27.8	15.7	7.4	HS
15-Aug-13	2515	2516	2R10L	Nest	46	27.4	32.2	29.0	15.3	7.9	HS
15-Aug-13	2517		2R10L	Nest	46	28.0	31.5	27.6	15.3	7.4	HS
15-Aug-13	2518	2519	2R10L	Nest	46	26.5	31.3	27.6	15.3	7.3	HS
15-Aug-13	2520		2R10L	Nest	46	27.1	31.4	27.5	15.3	7.2	HS
15-Aug-13	2521	2522	2R10L	Nest	46	28.4	32.8	29.0	15.7	8.2	HS
15-Aug-13	2530		2R10L	Nest	46	28.1	33.3	28.7	15.4	8.1	HS
15-Aug-13	2531	2532	2R10L	Nest	46	26.9	32.5	28.9	15.2	8.0	HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
15-Aug-13	2533	2534	2R10L	Nest	46	27.5	32.0	28.2	15.0	7.6	HS
15-Aug-13	2535		2R10L	Nest	46	27.0	31.9	28.5	15.3	7.6	HS
16-Aug-13	2538	2539	1R	Nest	45	29.2	32.4	28.4	15.6	9.2	ANO V1; HS
16-Aug-13	2540		1R	Nest	45	29.9	28.7	28.7	15.6	9.7	HS
16-Aug-13	2541	2542	1R	Nest	45	28.0	25.8	25.8	15.7	7.5	HS
16-Aug-13	2543		1R	Nest	45	28.7	28.6	28.6	16.9	9.8	HS
16-Aug-13	2536	2537	2R10L	Nest	46	27.0	31.9	28.2	15.0	7.5	HS
19-Aug-13	2545		1R	Nest	45	29.5	32.7	28.9	15.9	9.2	HS
20-Aug-13	2546	2547	2R10L	Nest	14	25.5	29.5	27.6	14.6	6.7	HS
20-Aug-13	2548		2R10L	Nest	14	26.4	30.0	28.4	15.8	7.3	ANO LC4; HS
20-Aug-13	2549	2550	2R10L	Nest	20	27.2	32.2	28.8	15.8	7.6	HS
21-Aug-13	2554	2555	2R10L	Nest	9	28.0	32.7	29.5	15.4	8.3	HS
21-Aug-13	2551	2552	2R10L	Nest	14	26.2	29.8	27.0	15.0	6.7	HS
21-Aug-13	2553		2R10L	Nest	14	27.5	30.6	28.3	15.9	7.4	HS
21-Aug-13	2556	2557	2R	Nest	58	26.5	31.5	28.4	16.0	8.8	ANO V4/5; HS
21-Aug-13	2558		2R	Nest	58	28.4	32.4	29.5	15.7	9.4	HS
21-Aug-13	2559	2560	2R	Nest	58	28.2	31.4	29.0	16.7	9.3	ANO V5; HS
21-Aug-13	2563		2R	Nest	58	27.8	31.6	28.9	15.8	8.7	HS
21-Aug-13	2564	2565	2R	Nest	58	27.4	31.9	28.9	15.9	8.8	HS
21-Aug-13	2566		2R	Nest	58	27.8	32.6	29.9	16.2	9.0	HS
21-Aug-13	2568		2R	Nest	58	29.3	32.9	30.4	15.4	9.0	HS
21-Aug-13	2569	2570	2R	Nest	58	28.2	32.2	30.3	15.9	9.3	HS
21-Aug-13	2571		2R	Nest	58	28.2	31.9	29.7	16.2	9.0	HS
21-Aug-13	2572	2573	2R	Nest	58	28.3	33.1	29.2	16.6	9.6	HS
21-Aug-13	2574	2575	2R	Nest	58	27.3	31.9	29.0	16.7	9.0	HS
21-Aug-13	2576		2R	Nest	58	26.5	31.6	28.8	16.2	8.7	HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
21-Aug-13	2577	2578	3R	Nest	72	29.7	31.9	27.1	10.0	9.4	HS
21-Aug-13	2579	2580	3R	Nest	72	29.0	32.9	28.6	17.3	10.2	26 MARG; ANO V5; HS
21-Aug-13	2581		3R	Nest	72	28.7	31.6	27.8	17.1	9.8	HS
21-Aug-13	2582	2583	3R	Nest	72	29.5	32.8	28.7	16.4	9.6	HS
21-Aug-13	2584	2585	3R	Nest	72	28.5	31.6	27.2	15.7	9.3	HS
22-Aug-13	2619		9R	Nest	11	27.8	31.0	27.2	15.0	7.0	HS
22-Aug-13	2620	2621	9R	Nest	11	28.1	31.5	27.9	15.0	7.3	HS
22-Aug-13	2622		9R	Nest	11	26.9	31.5	27.4	15.7	7.0	HS
22-Aug-13	2623	2624	9R	Nest	11	27.1	31.0	27.9	15.4	6.9	RM 1 Partially split; HS
22-Aug-13	2625	2626	9R	Nest	11	28.9	31.9	27.5	15.4	7.4	ANO LC4; HS
22-Aug-13	2627		9R	Nest	11	28.5	31.6	27.5	15.6	7.2	HS
22-Aug-13	2628	2629	9R	Nest	11	27.8	31.4	28.5	15.7	7.6	HS
22-Aug-13	2630	2631	9R	Nest	11	27.3	31.3	27.5	14.9	6.8	HS
22-Aug-13	2632		9R	Nest	11	29.1	32.2	28.9	15.4	7.9	HS
22-Aug-13	2597	2598	8R	Nest	56	27.3	31.6	28.1	15.5	7.6	HS
22-Aug-13	2599		8R	Nest	56	27.2	30.8	28.4	14.7	7.4	ANO V5; HS
22-Aug-13	2600	2601	8R	Nest	56	27.5	31.0	28.4	15.6	8.0	HS
22-Aug-13	2602	2603	8R	Nest	56	27.7	30.8	27.6	16.4	7.9	HS
22-Aug-13	2604		8R	Nest	56	27.8	31.7	28.2	15.6	8.2	HS
22-Aug-13	2605	2606	8R	Nest	56	27.4	32.0	28.5	15.7	8.2	HS
22-Aug-13	2607	2608	8R	Nest	56	28.3	32.0	28.6	16.3	8.3	ANO V5; HS
22-Aug-13	2609		8R	Nest	56	27.4	32.2	29.0	15.8	8.4	HS
22-Aug-13	2610	2611	8R	Nest	56	27.9	31.8	28.6	15.9	8.2	HS
22-Aug-13	2612	2613	8R	Nest	56	28.4	32.0	27.8	16.9	8.2	HS
22-Aug-13	2614		8R	Nest	56	26.5	30.8	29.4	14.8	7.8	ANO V5; HS
22-Aug-13	2615	2616	8R	Nest	56	28.0	31.7	28.4	15.7	8.0	HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
22-Aug-13	2617	2618	8R	Nest	56	27.3	31.1	28.6	15.3	7.8	HS
22-Aug-13	2586		3R	Nest	72	29.5	31.8	27.9	16.6	9.7	HS
22-Aug-13	2589	2590	3R	Nest	72	30.9	33.0	30.0	16.7	9.9	HS
22-Aug-13	2591		3R	Nest	72	29.2	33.1	20.0	16.5	10.1	ANO V1; HS
22-Aug-13	2592	2593	3R	Nest	72	29.8	32.3	29.2	16.6	9.7	ANO V5; HS
22-Aug-13	2594		3R	Nest	72	29.0	32.0	28.9	16.9	9.8	13 L MARG; HS
22-Aug-13	2595	2596	3R	Nest	72	29.9	32.3	27.7	16.2	9.3	HS
22-Aug-13	2633	2634	10R	Nest	73	28.6	33.4	29.8	16.3	9.2	ANO V5/ LC4; HS
22-Aug-13	2635	2636	10R	Nest	73	28.9	32.3	28.3	16.3	9.2	11 L MARG; HS
22-Aug-13	2637		10R	Nest	73	29.2	33.3	28.9	16.0	8.9	HS
22-Aug-13	2638	2639	10R	Nest	73	28.2	32.2	28.5	15.8	8.6	ANO V2-5; HS
22-Aug-13	2640		10R	Nest	73	28.9	32.1	27.5	16.2	8.6	HS
22-Aug-13	2642		10R	Nest	73	28.7	31.9	28.3	15.8	8.6	HS
22-Aug-13	2643	2633	10R	Nest	73	28.7	32.5	29.2	15.9	9.1	HS
22-Aug-13	2645		10R	Nest	73	28.7	31.3	28.8	16.7	8.3	HS
22-Aug-13	2646	2647	10R	Nest	73	27.7	31.9	28.5	16.6	8.6	ANO V4/5; HS
26-Aug-13	2707	2708	2R10L	Nest	20	26.5	32.0	28.2	16.0	7.4	HS
26-Aug-13	2709		2R10L	Nest	20	27.1	31.7	28.2	16.3	7.8	HS
26-Aug-13	2689	2690	12R	Nest	36	26.9	31.0	27.4	16.0	7.8	HS
26-Aug-13	2691		12R	Nest	36	28.3	31.9	28.4	16.9	8.4	HS
26-Aug-13	2692	2693	12R	Nest	36	29.1	32.7	29.1	16.8	9.3	HS
26-Aug-13	2694	2695	12R	Nest	36	28.8	32.6	28.1	15.8	8.7	HS
26-Aug-13	2696		12R	Nest	36	27.0	30.6	27.5	15.8	7.8	ANO V4/5; RC3/4; HS
26-Aug-13	2697	2698	12R	Nest	36	27.9	30.0	27.8	16.4	8.0	ANO V5; RC4; LC4; HS
26-Aug-13	2699		12R	Nest	36	27.4	30.9	27.5	15.5	7.6	ANO V3-5; RC 3/4; HS
26-Aug-13	2701		12R	Nest	36	27.1	31.5	27.9	16.6	8.2	HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
26-Aug-13	2702	2703	12R	Nest	36	26.9	31.3	28.8	15.8	8.0	HS
26-Aug-13	2704		12R	Nest	36	26.9	30.3	27.8	15.3	7.6	ANO V1-5; Asymmetrical shell shape; HS
26-Aug-13	2705	2706	12R	Nest	36	27.8	30.8	28.4	15.0	7.3	Indentations in bridge; HS
26-Aug-13	2656	25657	11R	Nest	39	29.6	33.2	29.0	15.9	8.7	HS
26-Aug-13	2658	2659	11R	Nest	39	28.9	32.0	28.3	15.5	8.0	HS
26-Aug-13	2660		11R	Nest	39	28.9	33.1	29.4	15.5	8.2	HS
26-Aug-13	2661	2662	11R	Nest	39	28.0	32.4	28.3	15.8	8.0	HS
26-Aug-13	2663		11R	Nest	39	28.6	32.6	27.8	15.5	8.5	HS
26-Aug-13	2664	2665	11R	Nest	39	29.0	33.3	28.6	16.5	8.6	HS
26-Aug-13	2666	2667	11R	Nest	39	27.8	32.6	27.9	16.0	7.9	HS
26-Aug-13	2668		11R	Nest	39	28.9	33.0	28.4	16.6	8.5	HS
26-Aug-13	2669	2670	11R	Nest	39	28.5	32.6	28.2	16.3	8.3	HS
26-Aug-13	2671	2672	11R	Nest	39	28.5	32.8	28.2	15.5	7.9	HS
26-Aug-13	2673		11R	Nest	39	27.9	32.0	27.5	16.0	7.9	HS
26-Aug-13	2674	2675	11R	Nest	39	28.7	32.0	28.0	16.0	8.0	HS
26-Aug-13	2676		11R	Nest	39	29.0	32.2	28.6	15.2	7.9	HS
26-Aug-13	2678		11R	Nest	39	28.9	33.3	28.5	16.2	8.5	HS
26-Aug-13	2653	2654	1R	Nest	45	26.6	30.2	27.1	16.0	7.6	Damage to V2?; HS
26-Aug-13	2684	2685	2R10L	Nest	46	26.3	32.2	29.3	16.0	7.9	HS
26-Aug-13	2686		2R10L	Nest	46	26.7	31.5	28.8	15.4	7.3	HS
26-Aug-13	2687	2688	12R	Nest	46	26.0	31.5	28.4	16.1	7.7	HS
26-Aug-13	2655		1R	Nest	61	25.2	28.2	25.5	14.4	6.9	HS
26-Aug-13	2648	2649	3R	Nest	72	29.3	32.7	28.0	16.6	9.3	ANO V3/4; HS
26-Aug-13	2650		10R	Nest	73	30.2	34.3	29.7	16.6	8.9	ANO V2-5; LCs; RCs; HS
26-Aug-13	2679	2680	3L	Nest	144	27.0	32.2	28.3	16.1	8.2	ANO V5; HS
26-Aug-13	2681		2L	Nest	145	28.7	30.4	27.2	17.4	9.3	ANO V1; HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
26-Aug-13	2683		2R10L	Nest	145	30.4	32.8	28.7	16.3	9.6	ANO V1; HS
27-Aug-13	2745		9R	Nest	11	28.5	32.2	28.5	16.7	7.4	ANO V5; R MARG 1 Split; HS
27-Aug-13	2728	2729	9L	Nest	41	26.5	31.1	28.5	15.7	8.1	ANO V5; HS
27-Aug-13	2730	2731	9L	Nest	41	27.2	31.5	28.1	15.7	7.6	HS
27-Aug-13	2732		9L	Nest	41	27.0	31.2	28.4	15.4	7.7	HS
27-Aug-13	2733	2734	9L	Nest	41	27.0	30.3	27.6	15.5	7.6	HS
27-Aug-13	2735	2736	9L	Nest	41	27.4	31.6	28.2	15.2	7.6	HS
27-Aug-13	2737		9L	Nest	41	26.5	31.1	28.0	16.1	7.8	HS
27-Aug-13	2738	2739	9L	Nest	41	27.9	32.1	28.4	15.6	8.2	HS
27-Aug-13	2740	2741	9L	Nest	41	27.0	31.1	28.7	15.8	7.9	HS
27-Aug-13	2742		9L	Nest	41	25.7	30.4	27.1	15.4	7.1	HS
27-Aug-13	2743	2744	9L	Nest	41	26.4	31.8	28.5	15.6	7.8	HS
27-Aug-13	2715	2716	8L	Nest	53	26.1	30.2	26.8	15.5	6.6	HS
27-Aug-13	2717	2718	8L	Nest	53	26.6	30.9	27.6	16.3	7.3	HS
27-Aug-13	2719		8L	Nest	53	27.4	31.4	26.8	16.3	7.3	HS
27-Aug-13	2720	2721	8L	Nest	53	26.5	30.7	27.3	16.0	7.0	HS
27-Aug-13	2722		8L	Nest	53	25.8	30.7	26.6	15.1	6.9	HS
27-Aug-13	2723	2724	8L	Nest	53	25.8	30.4	26.1	16.0	6.8	HS
27-Aug-13	2725	2726	8L	Nest	53	25.9	30.4	27.6	16.0	6.8	HS
27-Aug-13	2727		8L	Nest	53	26.7	30.8	26.9	16.4	7.2	HS
27-Aug-13	2746	2747	8L	Nest	53	24.8	29.4	26.2	15.4	6.1	HS
27-Aug-13	2710	2711	1L	Nest	61	21.0	26.2	24.7	14.4	5.5	ANO V1-5; ANO Plastron; ANO MARG; HS
27-Aug-13	2714		1L	Nest	61	26.8	30.3	25.4	15.5	6.4	HS
28-Aug-13	2771	2772	12L	Nest	7	27.9	32.4	28.0	16.2	7.6	HS
28-Aug-13	2773		12L	Nest	7	27.6	31.3	28.0	16.1	7.6	HS
28-Aug-13	2774	2775	12L	Nest	7	26.6	31.4	28.5	15.2	7.6	HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
28-Aug-13	2776	2777	12L	Nest	7	28.3	31.8	28.4	15.5	7.5	HS
28-Aug-13	2778		12L	Nest	7	28.2	32.5	29.9	15.2	8.0	HS
28-Aug-13	2779	2780	12L	Nest	7	27.6	30.9	27.3	15.6	7.4	HS
28-Aug-13	2781	2782	12L	Nest	7	27.5	31.3	27.8	16.5	7.7	HS
28-Aug-13	2783		12L	Nest	7	28.1	32.3	28.9	16.0	7.8	HS
28-Aug-13	2784	2785	12L	Nest	7	27.4	31.8	28.8	15.2	7.8	HS
28-Aug-13	2756	2757	9R	Nest	11	27.1	31.7	26.9	16.1	7.3	HS
28-Aug-13	2753	2754	10L	Nest	37	28.2	31.8	28.3	16.9	8.5	HS
28-Aug-13	2755		10L	Nest	37	27.2	32.6	29.1	17.5	8.5	HS
28-Aug-13	2748	2749	8L	Nest	53	25.9	29.5	26.6	15.4	6.8	HS
28-Aug-13	2750		8L	Nest	53	25.7	30.3	27.0	16.3	7.1	ANO LC4; HS
28-Aug-13	2751	2752	8L	Nest	53	26.9	30.2	26.9	15.3	6.5	HS
28-Aug-13	2809	2810	3R3L	Nest	57	26.7	31.0	28.4	16.4	7.4	HS
28-Aug-13	2811		3R3L	Nest	57	29.3	32.8	29.2	16.3	8.1	HS
28-Aug-13	2812	2813	3R3L	Nest	57	27.9	31.8	29.1	15.5	8.0	HS
28-Aug-13	2814		3R3L	Nest	57	26.8	31.2	28.9	16.3	7.7	ANO RC4/V5; HS
28-Aug-13	2816		3R3L	Nest	57	29.1	32.2	28.4	16.1	8.4	HS
28-Aug-13	2817	2818	3R3L	Nest	57	27.9	31.9	29.0	15.7	8.2	ANO V5; HS
28-Aug-13	2819		3R3L	Nest	57	27.8	31.7	28.6	15.6	7.7	HS
28-Aug-13	2820	2821	3R3L	Nest	57	27.1	31.3	28.0	15.9	7.3	HS
28-Aug-13	2822	2823	3R3L	Nest	57	28.5	32.7	28.8	16.5	8.0	ANO V2/3; HS
28-Aug-13	2824		3R3L	Nest	57	27.9	32.0	29.6	15.6	7.8	HS
28-Aug-13	2825	2826	3R3L	Nest	57	27.5	31.6	29.1	16.0	7.8	HS
28-Aug-13	2770		2R	Nest	58	28.1	32.1	30.3	16.5	9.1	HS
28-Aug-13	2758	2759	11L	Nest	89	28.3	31.7	28.3	16.2	8.6	HS
28-Aug-13	2760		11L	Nest	89	27.9	30.5	27.8	15.8	8.1	HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
28-Aug-13	2761	2762	11L	Nest	89	28.8	31.9	28.9	17.0	9.4	HS
28-Aug-13	2763		11L	Nest	89	28.4	32.3	28.3	16.4	9.0	HS
28-Aug-13	2765		11L	Nest	89	27.5	32.4	28.0	15.9	8.6	ANO V4/5; HS
28-Aug-13	2766	2767	11L	Nest	89	27.7	30.7	27.5	16.4	8.5	HS
28-Aug-13	2768		11L	Nest	89	29.2	32.9	28.7	17.0	9.4	HS
28-Aug-13	2786		2R2L	Nest	118	26.4	31.8	28.0	15.9	6.9	HS
28-Aug-13	2788		2R2L	Nest	118	27.3	31.9	28.3	16.4	7.2	HS
28-Aug-13	2789	2790	2R2L	Nest	118	27.3	32.2	28.1	16.7	7.7	HS
28-Aug-13	2793		2R2L	Nest	118	27.6	32.0	27.7	16.1	7.1	HS
28-Aug-13	2794	2795	2R2L	Nest	118	27.8	32.4	27.6	16.0	7.2	HS
28-Aug-13	2796		2R2L	Nest	118	27.4	31.8	27.8	16.2	7.2	HS
28-Aug-13	2797	2798	2R2L	Nest	118	26.6	31.2	28.3	15.8	7.1	HS
28-Aug-13	2799	2800	2R2L	Nest	118	27.6	32.0	28.1	16.3	7.6	HS
28-Aug-13	2801		2R2L	Nest	118	28.2	32.8	28.2	16.1	7.5	HS
28-Aug-13	2802	2803	2R2L	Nest	118	27.2	32.1	27.7	16.2	7.6	HS
28-Aug-13	2804	2805	2R2L	Nest	118	26.3	30.5	26.5	16.1	6.6	HS
28-Aug-13	2806		2R2L	Nest	118	26.8	32.1	28.3	16.3	7.3	HS
28-Aug-13	2807	2808	2R2L	Nest	118	16.9	32.1	28.7	15.7	7.2	HS
29-Aug-13	2832	2833	12L	Nest	7	28.4	31.7	28.1	16.0	7.6	HS
29-Aug-13	2834		12L	Nest	7	27.9	31.5	28.8	16.6	7.7	HS
29-Aug-13	2835	2836	12L	Nest	7	28.9	32.2	29.6	16.2	7.8	HS
29-Aug-13	2852		3R10R	Nest	28	27.7	32.1	27.7	16.2	7.8	HS
29-Aug-13	2853	2854	3R10R	Nest	28	28.2	32.8	29.1	16.6	8.2	HS
29-Aug-13	2855	2856	3R10R	Nest	28	28.3	32.9	28.9	16.2	8.4	HS
29-Aug-13	2857		3R10R	Nest	28	29.1	34.5	30.4	16.8	9.2	HS
29-Aug-13	2858	2859	3R10R	Nest	28	29.1	32.7	26.8	16.4	8.0	HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
29-Aug-13	2860	2861	3R10R	Nest	28	29.7	32.5	28.7	16.5	8.3	HS
29-Aug-13	2862		3R10R	Nest	28	28.7	33.2	29.2	16.9	8.4	HS
29-Aug-13	2863	2864	3R10R	Nest	28	28.9	33.9	30.4	16.1	8.6	HS
29-Aug-13	2865		3R10R	Nest	28	29.8	33.4	27.9	16.8	8.9	HS
29-Aug-13	2867		3R10R	Nest	28	30.0	33.9	29.6	15.9	8.7	HS
29-Aug-13	2868	2869	3R10R	Nest	28	29.6	34.3	31.5	16.7	9.2	HS
29-Aug-13	2870		3R10R	Nest	28	29.1	33.6	30.1	15.8	8.8	HS
29-Aug-13	2829		10L	Nest	37	27.5	31.5	27.8	16.5	7.7	HS
29-Aug-13	2827	2828	9L	Nest	41	26.5	31.3	28.8	16.3	7.7	HS
29-Aug-13	2837		1L	Nest	61	19.2	27.6	23.7	15.0	5.2	26 MARG; ANO Plastron (heart shaped; deep midsagittal groove in anterior scutes)
29-Aug-13	2840	2841	2R9R	Nest	63	29.5	34.0	29.8	16.8	8.8	HS
29-Aug-13	2842		2R9R	Nest	63	30.5	33.6	28.6	16.3	8.6	HS
29-Aug-13	2843	2844	2R9R	Nest	63	28.1	33.1	28.6	14.8	7.5	HS
29-Aug-13	2845	2846	2R9R	Nest	63	27.9	32.3	27.5	15.6	7.6	HS
29-Aug-13	2847		2R9R	Nest	63	27.5	31.2	27.6	15.4	7.4	HS
29-Aug-13	2848	2849	2R9R	Nest	63	27.0	30.4	25.7	15.8	6.9	HS
29-Aug-13	2850	2851	2R9R	Nest	63	28.4	31.7	27.3	16.6	8.0	HS
29-Aug-13	2830	2831	2R10L12L	Hand	Notch	26.6	29.7	25.7	15.1	6.1	Accidental 12L notch
30-Aug-13	2871	2872	2L9L	Nest	109	29.0	32.3	29.2	17.8	9.5	26 MARG; ANO V5; HS
30-Aug-13	2873	2874	2L9L	Nest	109	28.2	30.2	27.5	16.5	8.1	26 MARG ANO V4/5, LC1; HS
30-Aug-13	2875		2L9L	Nest	109	26.8	29.4	26.6	15.9	7.6	ANO V4/5, LC4; HS
30-Aug-13	2876	2877	2L9L	Nest	109	29.6	32.1	28.8	17.2	9.8	HS
30-Aug-13	2878	2879	2L9L	Nest	109	28.5	31.8	28.5	16.4	9.1	26 MARG; ANO V4/5, RC/LC 4; HS
30-Aug-13	2880		2L9L	Nest	109	28.3	31.5	28.1	15.8	8.4	26 MARG; ANO V43-5, RC 2-5, LC4/5; HS
30-Aug-13	2881	2882	2L9L	Nest	109	28.3	31.0	28.0	16.5	8.6	ANO V5; HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
3-Sep-13	2906	2907	3L10L	Nest	22	23.9	28.3	25.1	14.9	6.1	HS
3-Sep-13	2908		3L10L	Nest	22	24.2	29.6	24.5	15.0	5.9	HS
3-Sep-13	2909	2910	3L10L	Nest	22	24.9	29.4	25.2	14.6	6.0	HS
3-Sep-13	2911	2912	3L10L	Nest	22	24.8	28.9	25.3	15.1	6.0	HS
3-Sep-13	2913		3L10L	Nest	22	25.4	29.8	24.7	15.2	6.1	HS
3-Sep-13	2914	2915	3L10L	Nest	22	24.5	29.1	26.2	14.9	6.0	HS
3-Sep-13	2916	2917	3L10L	Nest	22	25.4	29.1	24.6	16.2	6.2	HS
3-Sep-13	2918		3L10L	Nest	22	25.8	30.3	25.6	15.4	6.3	13 L MARG; HS
3-Sep-13	2919	2920	3L10L	Nest	22	24.7	28.3	24.6	14.9	5.8	ANO V5; HS
3-Sep-13	2923		2R11R11L	Nest	38	29.4	33.0	28.2	16.8	8.4	HS
3-Sep-13	2924	2925	2R11R11L	Nest	38	28.9	32.4	28.3	16.9	8.1	HS
3-Sep-13	2926	2927	2R11R11L	Nest	38	28.9	32.2	27.6	16.2	8.4	HS
3-Sep-13	2928		2R11R11L	Nest	38	28.5	32.5	28.1	16.3	8.1	HS
3-Sep-13	2929	2930	2R10L	Nest	38	28.8	32.8	28.1	17.2	8.8	
3-Sep-13	2931		2R10L	Nest	38	29.0	32.9	28.4	17.0	9.0	
3-Sep-13	2933		2R10L	Nest	38	29.9	32.7	27.8	16.9	8.5	
3-Sep-13	2934	2935	2R10L	Nest	38	28.2	32.7	28.4	17.4	8.7	
3-Sep-13	2936		2R10L	Nest	38	29.2	32.9	28.1	16.4	8.1	
3-Sep-13	2937	2938	2R10L	Nest	38	27.8	32.2	28.3	16.6	8.3	
3-Sep-13	2885		10R2L	Nest	59	23.5	26.3	22.6	14.5	5.3	HS
3-Sep-13	2888	2889	10R2L	Nest	59	23.6	26.8	23.8	14.7	5.8	HS
3-Sep-13	2890		10R2L	Nest	59	24.8	27.5	24.0	15.5	6.3	HS
3-Sep-13	2891	2892	10R2L	Nest	59	25.7	28.6	25.3	14.3	6.3	HS
3-Sep-13	2893		10R2L	Nest	59	25.6	28.5	25.5	14.6	6.3	HS
3-Sep-13	2895		10R2L	Nest	59	25.6	26.5	22.6	14.5	5.7	HS
3-Sep-13	2896	2897	10R2L	Nest	59	24.6	27.1	24.0	14.7	6.0	HS

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
3-Sep-13	2898		10R2L	Nest	59	25.2	28.5	24.0	14.5	5.8	ANO V5; HS
3-Sep-13	2883	2884	1L	Nest	61	22.9	27.3	24.5	14.5	5.3	HS
3-Sep-13	2886	2887	3R	Nest	72	29.7	32.1	29.4	16.7	9.5	5 L COST; 13 R MARG; HS
3-Sep-13	2899	2900	2R2L10L	Nest	111	28.1	31.2	28.0	17.4	8.5	ANO V5; HS
3-Sep-13	2901	2902	2R2L10L	Nest	111	23.5	26.5	24.9	15.4	5.7	ANO V5; HS
3-Sep-13	2903		2R2L10L	Nest	111	28.6	32.5	28.8	17.9	9.5	ANO V5; HS
3-Sep-13	2904	2905	2R2L10L	Nest	111	23.8	26.9	24.7	15.1	5.6	HS
3-Sep-13	2921	2922	2R10R2L	Nest	148	28.0	32.5	29.1	16.8	8.7	HS
4-Sep-13	2949	2950	2R10L	Nest	18	27.8	31.7	27.6	15.7	7.6	
4-Sep-13	2951		2R10L	Nest	18	27.3	31.0	27.3	16.0	7.6	
4-Sep-13	2952	2953	2R10L	Nest	18	26.9	30.5	27.4	15.7	7.2	
4-Sep-13	2954	2955	2R10L	Nest	18	26.4	29.9	26.5	15.3	7.3	
4-Sep-13	2956		2R10L	Nest	18	28.2	31.2	28.3	15.5	7.8	
4-Sep-13	2957	2958	2R10L	Nest	18	28.0	31.3	26.4	15.5	7.0	
4-Sep-13	2959		2R10L	Nest	18	27.8	31.7	27.4	15.5	7.3	
4-Sep-13	2960	2961	2R10L	Nest	18	28.1	30.5	28.4	15.6	7.5	
4-Sep-13	2962	2963	2R10L	Nest	18	27.6	31.8	27.5	15.1	7.5	
4-Sep-13	2964		2R10L	Nest	18	27.6	31.4	27.7	16.5	7.8	
4-Sep-13	2965	2966	2R10L	Nest	18	28.5	31.9	27.6	15.9	7.4	
4-Sep-13	2967	2968	2R10L	Nest	18	27.2	30.6	27.3	15.6	7.4	
4-Sep-13	2941		2R10L	Nest	28	28.8	33.1	28.1	16.3	8.5	
4-Sep-13	2942	2943	2R10L	Nest	28	28.7	32.5	29.0	16.5	8.3	
4-Sep-13	2969		2R10L	Nest	60	27.6	31.1	28.1	16.0	7.4	
4-Sep-13	2970	2971	2R10L	Nest	60	25.8	30.5	27.7	15.8	7.6	
4-Sep-13	2972	2973	2R10L	Nest	60	26.6	31.6	27.4	15.0	7.4	
4-Sep-13	2974		2R10L	Nest	60	26.3	30.3	28.0	15.2	7.3	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Sep-13	2975	2976	2R10L	Nest	60	25.8	30.8	27.7	15.7	7.4	
4-Sep-13	2977	2978	2R10L	Nest	60	26.6	31.1	28.4	15.9	7.8	
4-Sep-13	2979		2R10L	Nest	60	27.2	31.0	28.4	16.3	7.7	
4-Sep-13	2980	2981	2R10L	Nest	60	25.2	30.4	28.0	15.8	7.4	
4-Sep-13	2982	2983	2R10L	Nest	60	26.7	30.8	28.0	16.0	7.4	
4-Sep-13	2984		2R10L	Nest	60	27.1	31.3	28.1	15.4	7.6	
4-Sep-13	2985	2986	2R10L	Nest	60	27.1	31.3	28.3	15.2	7.4	
4-Sep-13	2987		2R10L	Nest	60	26.8	30.7	28.0	15.8	7.6	
4-Sep-13	2988	2989	2R10L	Nest	60	26.8	31.6	27.9	16.5	7.8	
4-Sep-13	2990	2991	2R10L	Nest	60	26.8	31.3	28.1	15.6	7.4	
4-Sep-13	2939	2940	2R10L	Nest	109	25.3	28.2	24.9	14.6	5.6	26 MARG; AVO V4/5
4-Sep-13			2R10L	Nest	109	28.1	29.4	29.2	17.1	~9.5	4 Vs; 3 RCs; 3 LCs; Found dead during afternoon check, dead <4 hours
4-Sep-13	2944	2945	2R10L	Nest	111	24.7	29.2	26.2	16.2	6.8	
4-Sep-13	2946		2R10L	Nest	111	29.0	32.2	28.4	17.6	9.1	ANO V5
4-Sep-13	2947	2948	2R10L	Nest	111	24.0	28.0	26.7	15.6	6.4	
5-Sep-14	2992		2R2L10L	Nest	111	29.5	32.8	30.0	17.5	9.2	ANO V5; HS; Replaced 1/2 dead hatch from nest 59
5-Sep-13	2993	2994	3L10L	Nest	22	25.1	28.8	25.6	15.2	5.6	HS; Replaced 2/2 dead hatch from nest 59 (died in transport)
5-Sep-13	2995	2996	2R10L	Nest	34	27.5	31.9	27.7	16.0	7.4	
5-Sep-13	2997		2R10L	Nest	34	26.0	30.4	27.5	16.1	6.8	
5-Sep-13	2998	2999	2R10L	Nest	34	26.4	30.9	27.5	15.3	6.9	
5-Sep-13	3000	3001	2R10L	Nest	34	27.0	30.0	26.7	15.3	6.4	
5-Sep-13	3002		2R10L	Nest	34	25.7	31.1	27.8	15.0	6.9	
5-Sep-13	3003	3004	2R10L	Nest	34	27.6	31.1	27.7	15.8	7.3	ANO V5/RC4/LC4
5-Sep-13	3005		2R10L	Nest	34	25.6	30.5	27.9	14.3	6.8	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
5-Sep-13	3006	3007	2R10L	Nest	34	26.2	30.9	27.9	15.7	7.1	
5-Sep-13	3008	3009	2R10L	Nest	34	26.0	30.9	27.5	15.2	6.7	
5-Sep-13	3010		2R10L	Nest	34	26.9	30.1	27.3	15.6	6.8	
5-Sep-13	3011	3012	2R10L	Nest	34	24.8	29.5	26.2	15.0	6.5	
5-Sep-13	2992		2R2L10L	Nest	111	29.5	32.8	30.0	17.5	9.2	ANO V5
6-Sep-13	3026	3027	2R10L	Nest	1	25.3	29.1	25.4	14.7	5.7	ANO V1/LC1
6-Sep-13	3021	3022	2R10L	Nest	34	26.1	30.4	28.3	15.0	6.8	
6-Sep-13	3023		2R10L	Nest	34	27.0	31.1	27.8	15.2	7.0	
6-Sep-13	3024	3025	2R10L	Nest	34	24.5	29.3	26.4	14.5	5.8	
6-Sep-13	3016	3017	2R10L	Nest	35	25.6	30.0	27.0	15.5	6.8	
6-Sep-13	3015		2R10L	Nest	59	26.1	30.3	26.1	16.0	6.6	
6-Sep-13	3028		2R10L	Nest	64	28.2	31.0	27.3	16.2	7.6	
6-Sep-13	3029	3030	2R10L	Nest	64	27.7	31.3	28.4	15.9	7.3	
6-Sep-13	3031	3032	2R10L	Nest	64	28.4	30.5	26.6	16.2	7.5	
6-Sep-13	3033		2R10L	Nest	64	29.8	32.5	28.4	1.6	8.4	
6-Sep-13	3034	3035	2R10L	Nest	64	28.8	30.9	27.3	16.2	7.4	
6-Sep-13	3036	3037	2R10L	Nest	64	29.2	32.6	27.9	16.7	8.2	
6-Sep-13	3038		2R10L	Nest	64	28.2	31.3	28.5	16.9	8.2	
6-Sep-13	3039	3040	2R10L	Nest	64	28.7	31.7	27.7	16.1	7.8	
6-Sep-13	3041	3042	2R10L	Nest	64	28.9	32.0	28.3	15.5	8.0	
6-Sep-13	3043		2R10L	Nest	64	28.1	31.4	28.4	15.9	7.8	
6-Sep-13	3044	3045	2R10L	Nest	64	26.8	29.6	25.8	15.4	6.7	
6-Sep-13	3046		2R10L	Nest	64	28.9	31.4	28.5	15.5	7.7	
6-Sep-13	3047	3048	2R10L	Nest	64	29.0	31.5	28.1	16.4	7.8	
6-Sep-13	3049	3050	2R10L	Nest	64	28.2	30.6	26.9	16.1	7.7	
6-Sep-13	3018	3019	2R10L	Nest	111	26.9	28.9	25.9	17.2	7.4	ANO V5

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
6-Sep-13	3020		2R10L	Nest	111	26.6	30.7	28.0	17.2	8.3	
9-Sep-13	3113	3114	2R10L	Nest	1	27.3	31.3	26.9	16.9	8.3	
9-Sep-13	3115		2R10L	Nest	22	25.1	29.2	25.8	15.6	6.5	
9-Sep-13	3080	3081	2R10L	Nest	26	25.9	29.1	26.2	15.9	6.9	
9-Sep-13	3075	3076	2R10L	Nest	34	26.0	30.4	27.3	15.1	6.6	
9-Sep-13	3069		2R10L	Nest	54	25.5	28.1	25.1	13.7	5.1	ANO V5
9-Sep-13	3070	3071	2R10L	Nest	54	24.5	28.3	25.2	13.9	5.3	
9-Sep-13	3072	3073	2R10L	Nest	54	24.7	29.3	25.0	14.4	5.1	
9-Sep-13	3074		2R10L	Nest	54	26.3	29.7	24.9	13.9	5.1	ANO V5
9-Sep-13	3107		2R10L	Nest	54	24.1	27.8	23.9	14.4	4.8	
9-Sep-13	3108	3109	2R10L	Nest	54	24.7	29.0	24.4	14.2	5.3	
9-Sep-13	3110	3111	2R10L	Nest	54	24.7	28.4	24.2	14.3	5.3	ANO V5
9-Sep-13	3112		2R10L	Nest	54	24.8	27.3	24.8	14.2	5.1	ANO V5
9-Sep-13	3105	3106	2R9R	Nest	63	30.0	32.3	29.4	15.8	8.6	ANO V5; HS; Replaced dead hatch from nest 59
9-Sep-13	3082	3083	2R10L	Nest	108	25.6	27.4	23.5	15.2	5.3	ANO V5; Extra scute around plastron
9-Sep-13	3084		2R10L	Nest	108	27.1	28.3	26.9	14.6	6.4	
9-Sep-13	3085	3086	2R10L	Nest	108	26.4	30.0	28.2	15.1	6.9	
9-Sep-13	3087	3088	2R10L	Nest	108	27.5	30.5	28.4	15.5	7.5	ANO LC4
9-Sep-13	3089		2R10L	Nest	108	25.3	27.4	26.3	14.5	5.9	
9-Sep-13	3090	3091	2R10L	Nest	108	26.7	29.3	27.1	15.3	6.5	
9-Sep-13	3092		2R10L	Nest	108	25.3	29.1	26.8	14.9	6.0	
9-Sep-13	3093	3094	2R10L	Nest	108	25.8	27.9	26.3	15.1	5.9	
9-Sep-13	3095	3096	2R10L	Nest	108	27.1	29.2	26.1	15.1	6.1	ANO LC2/3, V2/3
9-Sep-13	3097		2R10L	Nest	108	27.4	28.9	27.3	15.5	6.4	
9-Sep-13	3098	3099	2R10L	Nest	108	25.8	29.4	28.3	14.6	6.5	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
9-Sep-13	3100	3101	2R10L	Nest	108	27.0	29.6	26.8	15.6	6.6	
9-Sep-13	3102		2R10L	Nest	108	25.9	28.4	26.2	15.3	6.2	
9-Sep-13	3103	3104	2R10L	Nest	108	26.8	29.8	27.6	15.0	6.6	ANO V5
9-Sep-13	3067	3068	2R2L10L	Nest	111	23.0	26.6	24.9	14.5	5.3	HS to replace dead hatch from nest 61
9-Sep-13	3077	3078	2R10L	Nest	112	28.8	30.9	28.2	16.7	7.9	ANO V5
9-Sep-13	3079		2R10L	Nest	112	29.1	30.8	27.5	16.8	7.7	
9-Sep-13	3117		2R10L	Nest	112	28.9	31.5	27.8	15.5	7.8	11 L MARG; 5 RCs; 5LCs
9-Sep-13	3118	3119	2R10L	Nest	112	29.3	33.2	29.6	16.7	9.6	ANO V4/5
9-Sep-13	3120		2R10L	Nest	112	28.5	31.9	29.0	16.2	8.2	
9-Sep-13	3121	3122	2R10L	Nest	112	27.3	29.8	28.0	16.7	8.1	22 MARG; 3 RCs; 3 LCs; ANO V1/V5
9-Sep-13	3123	3124	2R10L	Nest	112	28.5	31.0	28.5	16.4	8.3	
9-Sep-13	3125		2R10L	Nest	112	28.0	30.3	28.0	15.6	7.2	
9-Sep-13	3126	3127	2R10L	Nest	112	28.3	30.9	28.7	16.1	8.1	ANO V5; 11 L MARG
9-Sep-13	3051		2R10L	Nest	120	29.8	32.8	30.0	17.6	10.1	
9-Sep-13	3052	3053	2R10L	Nest	120	27.1	30.1	27.1	16.8	7.7	
9-Sep-13	3054	3055	2R10L	Nest	120	29.5	33.4	29.5	17.9	10.2	
9-Sep-13	3056		2R10L	Nest	120	28.1	31.6	28.8	17.8	9.3	
9-Sep-13	3057	3058	2R10L	Nest	120	28.6	31.7	28.4	16.3	8.7	
9-Sep-13	3059	3060	2R10L	Nest	120	23.9	27.9	26.5	14.9	6.4	
9-Sep-13	3061		2R10L	Nest	120	30.4	34.1	29.4	16.9	10.2	ANO V1, 3/4, RC4
9-Sep-13	3062	3063	2R10L	Nest	120	24.8	28.6	25.7	16.2	6.9	
9-Sep-13	3064	3065	2R10L	Nest	120	26.2	29.2	26.5	15.3	7.0	
9-Sep-13	3066		2R10L	Nest	120	24.9	28.7	25.6	15.6	6.2	
10-Sep-13	3128	3129	2R10L	Nest	71	28.6	30.9	27.9	16.9	7.6	ANO V5
10-Sep-13	3130		2R10L	Nest	71	27.8	31.0	27.2	17.0	7.7	ANO V5
10-Sep-13	3131	3132	2R10L	Nest	71	29.0	31.7	27.4	17.2	8.3	ANO V4/5, LC3/4; 5 Rs

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
10-Sep-13	3133	3134	2R10L	Nest	71	27.2	31.0	28.6	15.1	7.2	
10-Sep-13	3135		2R10L	Nest	71	27.1	30.6	27.8	16.0	7.1	
10-Sep-13	3136	3137	2R10L	Nest	71	26.8	30.0	26.5	15.7	7.0	
10-Sep-13	3138		2R10L	Nest	71	27.3	30.4	26.7	15.3	7.0	
10-Sep-13	3139	3140	2R10L	Nest	71	26.9	30.1	28.0	15.5	6.9	
10-Sep-13	3141	3142	2R10L	Nest	71	26.2	30.8	27.8	15.3	7.4	
10-Sep-13	3143		2R10L	Nest	71	27.3	31.0	26.8	16.6	7.6	
10-Sep-13	3144	3145	2R10L	Nest	71	27.0	31.3	28.5	15.7	7.4	
10-Sep-13	3146	3147	2R10L	Nest	71	28.8	31.1	27.0	16.4	7.8	
10-Sep-13	3148		2R10L	Nest	71	26.4	29.0	27.1	15.5	6.9	Reduced LC4/V5/RC4; 22 MARG
10-Sep-13	3149	3150	2R10L	Nest	71	26.3	29.5	28.2	15.7	7.5	
11-Sep-13	3151	3152	2R10L	Nest	22	24.3	28.4	26.2	15.6	5.9	
11-Sep-13	3153		2R10L	Nest	38	29.4	32.7	28.7	16.8	8.3	
11-Sep-13	3154	3155	2R10L	Nest	47	28.1	32.3	29.5	16.3	8.5	
11-Sep-13	3156	3157	2R10L	Nest	47	28.8	32.2	28.4	15.7	8.6	
11-Sep-13	3158		2R10L	Nest	47	27.2	31.6	29.4	16.3	8.1	
11-Sep-13	3159	3160	2R10L	Nest	47	28.4	31.9	28.6	16.3	8.2	
11-Sep-13	3161		2R10L	Nest	47	27.7	32.4	28.8	15.9	8.1	
11-Sep-13	3162	3163	2R10L	Nest	47	27.6	32.1	28.8	15.8	7.6	
11-Sep-13	3164	3165	2R10L	Nest	47	27.5	31.2	28.8	15.5	7.8	
11-Sep-13	3166		2R10L	Nest	47	27.4	30.8	27.9	16.8	7.7	
11-Sep-13	3167	3168	2R10L	Nest	47	27.9	30.9	28.4	15.6	7.5	
11-Sep-13	3169	3170	2R10L	Nest	47	27.8	32.2	29.2	15.9	8.4	
11-Sep-13			2R10L	Hand	Notch	24.0	28.1	25.8	15.3	~5.6	ANO V5/RC4; 13 R MARG
11-Sep-13			2R10L	Hand	Notch	24.7	27.8	26.1	14.7	~6.2	ANO V4/5, LC1; 5RCs; 13 R MARG
11-Sep-13			2R10L	Hand	Notch	28.8	31.3	30.0	14.8	~8.3	ANO V4/5; 5 LCs; 5 RCs; 26MARG

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
13-Sep-13	3176		2R10L	Nest	1	29.3	32.2	28.3	16.9	8.6	ANO V5; 13 R MARG
13-Sep-13	3296		2R10L	Nest	5	29.4	33.8	28.5	16.1	7.9	
13-Sep-13	3297	3298	2R10L	Nest	5	28.2	32.9	28.8	15.6	8.2	
13-Sep-13	3299	3300	2R10L	Nest	5	29.0	33.1	28.1	16.2	8.6	
13-Sep-13	3301		2R10L	Nest	5	29.4	34.0	28.7	16.4	8.9	
13-Sep-13	3302	3303	2R10L	Nest	5	29.0	33.6	28.3	15.8	8.6	
13-Sep-13	3304		2R10L	Nest	5	28.4	32.1	28.6	16.0	8.6	
13-Sep-13	3306		2R10L	Nest	5	28.2	32.0	27.5	16.4	8.3	
13-Sep-13	3307	3308	2R10L	Nest	5	28.8	33.1	28.9	15.7	9.0	
13-Sep-13	3309		2R10L	Nest	5	29.2	33.1	28.7	16.2	8.8	
13-Sep-13	3310	3311	2R10L	Nest	5	28.3	33.5	28.6	15.5	8.2	
13-Sep-13	3312	3313	2R10L	Nest	5	30.2	33.6	28.4	15.8	8.9	
13-Sep-13	3314		2R10L	Nest	5	29.0	34.0	28.4	16.3	8.4	
13-Sep-13	3181		2R10L	Nest	23	27.5	31.1	26.7	16.4	7.4	
13-Sep-13	3182	3183	2R10L	Nest	23	28.2	30.3	26.9	16.4	7.4	ANO V4
13-Sep-13	3208	3209	2R10L	Nest	25	26.7	29.8	27.0	15.0	6.5	
13-Sep-13	3210	3211	2R10L	Nest	25	26.9	29.7	25.8	15.0	6.6	
13-Sep-13	3212		2R10L	Nest	25	26.5	28.9	25.4	15.6	6.5	
13-Sep-13	3213	3214	2R10L	Nest	25	26.5	29.5	26.1	14.9	6.1	
13-Sep-13	3215	3216	2R10L	Nest	25	27.2	29.9	25.2	15.9	6.3	
13-Sep-13	3217		2R10L	Nest	25	27.7	31.0	26.5	14.9	7.0	
13-Sep-13	3218	3219	2R10L	Nest	26	26.6	30.7	26.6	15.5	7.2	
13-Sep-13	3220	3221	2R10L	Nest	26	27.0	31.1	27.3	15.5	7.5	
13-Sep-13	3222		2R10L	Nest	26	26.9	31.8	28.6	15.7	8.4	
13-Sep-13	3223	3224	2R10L	Nest	26	27.6	32.1	28.9	15.3	7.8	26 MARG
13-Sep-13	3225	3226	2R10L	Nest	26	26.9	31.1	28.4	15.5	7.6	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
13-Sep-13	3227		2R10L	Nest	26	26.0	31.1	28.2	15.3	7.6	26 MARG
13-Sep-13	3228	3229	2R10L	Nest	26	26.7	31.5	27.5	15.7	7.2	13 R MARG
13-Sep-13	3278		2R10L	Nest	43	27.8	31.3	28.1	15.3	7.6	
13-Sep-13	3279	3280	2R10L	Nest	43	26.0	31.1	27.3	15.6	7.5	
13-Sep-13	3281	3282	2R10L	Nest	43	27.0	31.6	27.5	15.7	7.7	ANO V4/5, LC4
13-Sep-13	3283		2R10L	Nest	43	26.9	30.9	28.0	15.4	7.9	
13-Sep-13	3284	3285	2R10L	Nest	43	26.2	32.6	28.4	15.5	7.5	ANO V5
13-Sep-13	3286		2R10L	Nest	43	27.9	32.5	28.9	16.3	8.2	
13-Sep-13	3287	3288	2R10L	Nest	43	27.2	31.4	26.6	15.2	7.1	
13-Sep-13	3289	3290	2R10L	Nest	43	27.1	32.5	29.3	15.3	8.2	
13-Sep-13	3291		2R10L	Nest	43	27.1	32.6	28.9	15.2	7.1	ANO V5
13-Sep-13	3294	3295	2R10L	Nest	43	28.3	32.5	27.9	16.1	8.2	
13-Sep-13	3232		2R10L	Nest	50	27.9	32.4	29.7	16.3	8.4	
13-Sep-13	3233	3234	2R10L	Nest	50	28.9	33.3	29.7	16.3	8.7	
13-Sep-13	3235		2R10L	Nest	50	27.7	32.9	29.0	15.6	8.3	
13-Sep-13	3236	3237	2R10L	Nest	50	27.2	32.4	29.2	15.2	8.0	
13-Sep-13	3238	3239	2R10L	Nest	50	28.1	32.4	29.4	16.2	8.5	
13-Sep-13	3240		2R10L	Nest	50	27.4	31.5	29.0	16.7	8.5	
13-Sep-13	3241	3242	2R10L	Nest	50	28.4	31.7	28.4	16.0	7.9	
13-Sep-13	3243	3244	2R10L	Nest	50	28.5	33.3	29.3	16.2	8.5	
13-Sep-13	3184		2R10L	Nest	51	29.3	32.9	27.7	16.9	8.2	
13-Sep-13	3185	3186	2R10L	Nest	51	28.6	31.6	28.1	16.3	8.5	
13-Sep-13	3172	3173	2R10L	Nest	52	25.7	28.6	25.5	15.6	5.8	Nuchal scute absent
13-Sep-13	3190	3191	2R10L	Nest	54	24.8	29.2	24.6	13.9	5.5	ANO V5
13-Sep-13	3192	3193	2R10L	Nest	54	25.1	29.7	25.4	14.2	5.6	
13-Sep-13	3194		2R10L	Nest	54	25.7	30.2	25.3	14.1	5.9	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
13-Sep-13	3245		2R10L	Nest	86	27.1	31.2	27.2	15.7	7.2	
13-Sep-13	3246	3247	2R10L	Nest	86	28.9	32.7	29.4	16.5	8.8	
13-Sep-13	3248	3249	2R10L	Nest	86	26.9	30.9	27.9	16.4	7.7	ANO V3-5; 5 RCs; 13 R MARG
13-Sep-13	3250		2R10L	Nest	86	27.6	30.7	26.1	15.1	7.3	
13-Sep-13	3251	3252	2R10L	Nest	86	26.9	30.9	28.2	16.1	7.6	
13-Sep-13	3253	3254	2R10L	Nest	86	27.8	32.1	28.8	15.5	8.0	
13-Sep-13	3255		2R10L	Nest	86	26.7	30.3	26.7	15.4	6.8	
13-Sep-13	3256	3257	2R10L	Nest	86	27.8	32.0	27.6	16.3	8.1	
13-Sep-13	3258		2R10L	Nest	86	27.8	31.3	27.7	15.6	7.9	
13-Sep-13	3315	3316	2R10L	Nest	90	26.7	30.0	27.7	15.7	7.3	ANO V5/LC4
13-Sep-13	3317	3318	2R10L	Nest	90	27.0	30.7	27.7	15.7	7.9	13 R MARG
13-Sep-13	3319		2R10L	Nest	90	27.1	30.4	28.4	15.7	7.9	
13-Sep-13	3320	3321	2R10L	Nest	90	26.7	30.8	27.1	14.9	7.0	
13-Sep-13	3322	3323	2R10L	Nest	90	27.3	30.0	26.9	15.4	7.0	ANO R/L Abdominal scutes
13-Sep-13	3324		2R10L	Nest	90	27.7	31.2	27.2	15.9	7.5	
13-Sep-13	3325	3326	2R10L	Nest	90	25.8	29.6	26.4	15.3	6.6	
13-Sep-13	3327		2R10L	Nest	90	26.6	30.8	28.5	15.8	7.5	ANO V5
13-Sep-13	3328	3329	2R10L	Nest	90	27.3	30.8	28.5	15.9	7.8	ANO R/L Abdominal scutes
13-Sep-13	3330	3331	2R10L	Nest	90	27.6	31.4	28.8	16.1	8.6	
13-Sep-13	3260		2R10L	Nest	113	27.3	31.3	28.0	16.1	8.5	ANO V2-5, LC 2/3
13-Sep-13	3261	3262	2R10L	Nest	113	27.5	31.1	28.9	15.2	8.2	
13-Sep-13	3263		2R10L	Nest	113	28.5	31.3	29.1	16.6	8.6	5 RCs;5 LCs; ANO V4/5
13-Sep-13	3264	3265	2R10L	Nest	113	26.1	26.1	27.0	15.8	7.3	11 R MARG
13-Sep-13	3266	3267	2R10L	Nest	113	28.9	28.9	28.5	16.5	8.6	
13-Sep-13	3268		2R10L	Nest	113	26.7	31.3	27.7	16.5	7.9	
13-Sep-13	3269	3270	2R10L	Nest	113	26.7	30.7	28.9	16.4	8.4	ANO RC4

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
13-Sep-13	3271	3272	2R10L	Nest	113	27.0	30.5	28.5	15.2	7.7	ANO V4/5; 26 MARG; Split R femoral scute
13-Sep-13	3274	3275	2R10L	Nest	113	26.9	31.3	29.1	15.8	8.4	ANO V4/5, RC2-4, LC4
13-Sep-13	3276	3277	2R10L	Nest	113	26.5	29.9	27.5	15.6	7.6	ANO V5
13-Sep-13	3200	3201	2R10L	Nest	119	26.8	30.6	26.7	16.7	8.0	ANO LC2/3, RC1/2
13-Sep-13	3202		2R10L	Nest	119	27.3	31.1	27.5	15.8	8.1	11 L MARG
13-Sep-13	3204		2R10L	Nest	119	24.9	28.7	25.4	14.4	6.0	ANO LC2/3, V5
13-Sep-13	3205	3206	2R10L	Nest	119	26.4	30.2	26.2	15.1	7.4	ANO LC2/3, RC1-3
13-Sep-13	3207		2R10L	Nest	119	25.8	29.1	25.6	14.7	6.6	ANO LC2/3, RC2/3; RMARG 1 Split (counted as 1 when notching)
13-Sep-13	3187	3188	2R10L	Nest	152	28.9	32.4	28.7	14.8	7.7	ANO V4/5; ANO LCs
13-Sep-13	3189		2R10L	Nest	152	29.0	34.7	29.8	16.6	9.4	
13-Sep-13	3177	3178	2R10L	Nest	155	30.2	32.9	29.1	16.9	8.8	ANO V2-5, RC4
13-Sep-13	3195	3196	2R10L	Nest	156	29.3	32.7	28.8	16.3	8.8	
13-Sep-13	3197	3198	2R10L	Nest	156	26.2	29.8	26.6	15.2	6.9	ANO V4/5
13-Sep-13	3199		2R10L	Nest	156	30.1	33.7	30.2	15.8	9.0	
13-Sep-13	3179		2R10L	Nest	157	27.7	31.8	28.3	16.6	8.5	
13-Sep-13	3174	3175	2R10L	Hand	Notch	27.0	31.4	28.0	15.4	7.6	Found in Notch near nest 112
13-Sep-13	3332		2R10L	Hand	Notch	26.8	31.1	28.2	16.8	8.1	Found in N side, middle area of Notch
16-Sep-13	3335	3336	2R10L	Nest	23	27.3	31.2	26.8	16.5	7.2	
16-Sep-13	3333	3334	2R10L	Nest	119	26.6	30.1	26.4	16.4	7.7	ANO V4/5; LC&RC 1/2
16-Sep-13	3337		2R10L	Nest	159	28.4	30.2	26.1	18.3	8.1	ANO Whole carapace; 5 LCs; 6 RCs; V2-5 split; Short, immobile, curled tail; reduced extension of hind limbs
17-Sep-13	3338	3339	2R10L	Nest	1	28.5	32.5	28.2	16.4	7.9	
17-Sep-13	3340	3341	2R10L	Nest	1	29.7	33.2	28.7	16.7	8.6	
17-Sep-13	3342		2R10L	Nest	1	28.7	33.4	29.6	16.1	8.8	
17-Sep-13	3343	3344	2R10L	Nest	1	28.5	33.0	28.3	16.4	8.3	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
17-Sep-13	3345	3346	2R10L	Nest	1	29.5	34.2	28.9	16.0	8.8	ANO V3/4
17-Sep-13	3347		2R10L	Nest	1	28.9	33.4	29.1	15.8	8.5	
17-Sep-13	3348	3349	2R10L	Nest	1	28.3	32.9	29.3	16.2	8.5	
17-Sep-13	3350	3351	2R10L	Nest	1	28.6	33.1	30.0	16.1	8.5	
17-Sep-13	3352		2R10L	Nest	1	28.6	33.1	29.2	15.8	7.9	
17-Sep-13	3353	3354	2R10L	Nest	1	30.1	33.7	29.6	16.1	8.8	
17-Sep-13	3355		2R10L	Nest	1	29.0	33.6	29.3	16.7	8.5	
17-Sep-13	3356	3357	2R10L	Nest	1	29.6	33.5	29.7	16.1	8.9	
17-Sep-13	3358	3359	2R10L	Nest	1	28.5	32.5	29.0	16.2	8.5	
18-Sep-13	3360		2R10L	Nest	22	23.7	29.6	25.2	15.1	5.8	
19-Sep-13	3361	3362	2R10L	Nest	35	26.6	30.3	27.9	15.4	6.9	ANO R MARG 12
19-Sep-13	3363	3364	2R10L	Nest	35	26.8	31.2	28.0	15.7	7.4	
19-Sep-13	3365		2R10L	Nest	35	25.8	31.1	27.8	17.0	7.6	
19-Sep-13	3366	3367	2R10L	Nest	35	25.1	30.4	27.9	15.4	7.2	
19-Sep-13	3368	3369	2R10L	Nest	35	26.2	30.5	27.9	15.8	7.3	
19-Sep-13	3370		2R10L	Nest	35	27.0	30.9	29.1	15.3	7.4	
20-Sep-13	3373	3374	2R10L	Nest	26	27.9	31.8	27.7	16.1	7.5	ANO RC 3/4
20-Sep-13	3375		2R10L	Nest	26	26.9	30.7	26.9	15.7	6.8	
20-Sep-13	3371	3372	2R10L	Nest	54	24.5	28.7	24.7	14.4	5.0	
20-Sep-13	3376	3377	2R10L	Nest	115	26.7	30.7	27.9	16.1	7.3	ANO V5
20-Sep-13	3378		2R10L	Nest	115	29.5	33.7	30.6	16.6	8.9	ANO V4/5
20-Sep-13	3379	3380	2R10L	Nest	115	27.1	30.6	27.4	15.7	6.9	
20-Sep-13	3381	3382	2R10L	Nest	115	27.7	31.4	27.7	15.8	7.8	ANO V3-5, LC2-4, RC1
20-Sep-13	3383		2R10L	Nest	115	27.5	30.8	27.5	16.0	7.7	ANO V3/4, LC4, RC2/3
20-Sep-13	3384	3385	2R10L	Nest	115	28.2	31.5	28.9	16.5	8.0	ANO V4/5, RC3/4
20-Sep-13	3386	3387	2R10L	Nest	115	27.3	31.2	27.3	16.3	7.3	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
20-Sep-13	3388		2R10L	Nest	115	29.0	32.4	29.7	16.6	8.7	
20-Sep-13	3389	3390	2R10L	Nest	115	29.2	33.3	28.9	15.7	8.3	
20-Sep-13	3391	3392	2R10L	Nest	115	26.3	30.6	27.5	15.9	6.9	
20-Sep-13	3393		2R10L	Nest	115	27.8	31.7	29.1	16.5	8.0	
23-Sep-13	3396	3397	2R10L	Nest	43	27.4	31.7	27.7	15.6	7.1	
23-Sep-13	3399	3400	2R10L	Nest	51	27.1	32.8	28.5	16.5	8.3	
23-Sep-13	3401		2R10L	Nest	51	27.7	32.4	29.0	15.3	7.7	ANO V5
23-Sep-13	3394	3395	2R10L	Nest	86	28.0	32.0	29.6	16.2	7.9	
23-Sep-13	3402	3403	2R10L	Nest	90	27.3	31.0	28.6	15.9	7.6	
23-Sep-13	3404	3405	2R10L	Nest	90	26.9	29.8	28.4	15.5	7.2	
23-Sep-13	3406		2R10L	Nest	90	26.9	29.8	27.7	15.9	7.2	
23-Sep-13	3409	3410	2R10L	Nest	90	27.4	30.5	27.6	15.7	7.0	
23-Sep-13	3411		2R10L	Nest	90	26.2	29.5	27.1	15.6	6.5	
23-Sep-13	3430	3431	2R10L	Nest	96	26.8	30.6	25.1	15.3	6.7	
23-Sep-13	3432	3433	2R10L	Nest	96	28.4	33.0	27.5	16.2	7.4	
23-Sep-13	3434		2R10L	Nest	96	28.4	31.3	27.2	15.4	7.3	
23-Sep-13	3435	3436	2R10L	Nest	96	27.3	32.1	26.3	15.5	7.3	
23-Sep-13	3437	3438	2R10L	Nest	96	26.2	30.3	25.9	15.0	6.4	
23-Sep-13	3439		2R10L	Nest	96	28.7	32.2	27.0	16.1	7.6	
23-Sep-13	3440	3441	2R10L	Nest	96	26.6	30.2	26.0	14.6	6.0	
23-Sep-13	3442	3443	2R10L	Nest	96	28.6	32.3	27.4	15.3	7.5	
23-Sep-13	3444		2R10L	Nest	96	28.4	32.1	27.4	16.1	7.6	
23-Sep-13	3445	3446	2R10L	Nest	96	25.3	30.5	25.9	14.3	6.5	
23-Sep-13	3412	3413	2R10L	Nest	97	26.0	29.4	26.5	15.0	6.3	
23-Sep-13	3414	3415	2R10L	Nest	97	24.2	27.2	24.7	14.0	4.8	ANO V5; 13 R MARG
23-Sep-13	3416		2R10L	Nest	97	24.3	27.7	25.4	15.0	5.5	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
23-Sep-13	3417	3418	2R10L	Nest	97	27.9	30.3	27.1	15.7	7.4	
23-Sep-13	3419	3420	2R10L	Nest	97	28.5	32.3	29.4	16.3	8.0	
23-Sep-13	3429		2R10L	Nest	102	27.3	30.8	28.2	16.0	7.1	
23-Sep-13	3398		2R10L	Nest	115	29.4	32.0	28.9	16.7	8.1	ANO V5/LC4/RC4; 22 MARG
23-Sep-13	3421		2R10L	Nest	123	27.8	30.3	27.7	17.1	8.1	Anterior half of eyes cloudy; very short tail
23-Sep-13	3422	3423	2R10L	Nest	123	27.7	31.1	28.5	16.1	7.8	
23-Sep-13	3424		2R10L	Nest	123	26.3	29.0	26.9	16.3	7.5	Anterior half of eyes cloudy; very short tail; ANO V5
23-Sep-13	3425	3426	2R10L	Nest	123	24.1	27.2	26.2	15.4	6.1	Eyes cloudy; Short tail; ANO hind feet (only 2 claws)
23-Sep-13	3427	3428	2R10L	Nest	123	24.3	25.9	26.4	17.0	6.1	Eyes cloudy; Short tail; ANO V3-5
24-Sep-13	3447	3448	2R10L	Nest	119	26.1	30.8	26.9	15.8	7.6	ANO V3-5; LC 3/4; RC 2-4
26-Sep-13	3449		2R10L	Nest	123	27.5	30.9	28.4	17.1	8.0	
30-Sep-13	3467		2R10L	Nest	68	25.3	29.3	27.9	14.9	6.5	
30-Sep-13	3468	3469	2R10L	Nest	68	24.5	28.7	26.7	14.8	6.3	
30-Sep-13	3470	3471	2R10L	Nest	68	27.1	31.4	29.0	16.1	7.7	
30-Sep-13	3472		2R10L	Nest	68	25.3	29.5	26.8	15.1	6.8	
30-Sep-13	3473	3474	2R10L	Nest	68	26.2	31.0	27.3	15.6	7.3	
30-Sep-13	3475	3476	2R10L	Nest	68	26.6	31.0	27.8	16.3	7.3	
30-Sep-13	3477		2R10L	Nest	68	26.7	31.1	28.5	15.7	7.8	
30-Sep-13	3478	3479	2R10L	Nest	68	26.8	31.2	27.8	15.3	7.7	
30-Sep-13	3480	3481	2R10L	Nest	68	27.5	31.5	28.5	16.3	7.9	
30-Sep-13	3482		2R10L	Nest	68	24.1	28.8	26.8	14.7	6.2	
30-Sep-13	3483	3484	2R10L	Nest	68	25.9	31.2	27.6	15.9	7.6	
30-Sep-13	3450	3451	2R10L	Nest	125	29.0	32.8	28.7	16.4	8.2	
30-Sep-13	3452	3453	2R10L	Nest	125	28.9	32.5	29.7	17.0	8.8	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
30-Sep-13	3454		2R10L	Nest	125	28.6	32.4	28.8	16.6	8.3	
30-Sep-13	3455	3456	2R10L	Nest	125	29.0	32.8	28.8	16.6	8.0	
30-Sep-13	3457		2R10L	Nest	125	27.2	31.7	27.8	15.6	7.5	
30-Sep-13	3458	3459	2R10L	Nest	125	29.4	32.2	29.3	16.2	8.2	
30-Sep-13	3460	3461	2R10L	Nest	125	27.3	30.3	27.4	15.5	6.6	
30-Sep-13	3462		2R10L	Nest	125	25.0	28.4	26.1	15.0	5.7	
30-Sep-13	3463	3464	2R10L	Nest	125	29.4	32.3	28.1	16.7	8.1	
30-Sep-13	3465	3466	2R10L	Nest	125	23.4	27.1	23.7	14.2	4.8	
1-Oct-13	3495		2R10L	Nest	52	28.4	32.5	28.9	15.8	7.9	
1-Oct-13	3496	3497	2R10L	Nest	52	29.0	32.7	29.4	15.8	8.4	
1-Oct-13	3498	3499	2R10L	Nest	52	28.8	33.2	29.1	16.4	8.3	
1-Oct-13	3500		2R10L	Nest	52	27.6	32.6	28.9	16.1	8.1	
1-Oct-13	3501	3502	2R10L	Nest	52	27.3	30.1	25.9	15.6	6.6	
1-Oct-13	3503	3504	2R10L	Nest	52	28.7	32.2	27.9	15.9	7.7	
1-Oct-13	3505		2R10L	Nest	52	29.8	34.1	29.7	15.4	8.4	
1-Oct-13	3506	3507	2R10L	Nest	52	28.9	33.2	28.2	16.2	8.2	
1-Oct-13	3508	3509	2R10L	Nest	52	27.3	33.0	29.2	15.5	7.9	
1-Oct-13	3510		2R10L	Nest	52	28.3	32.6	28.4	16.5	8.5	
1-Oct-13	3511	3512	2R10L	Nest	52	27.3	32.7	28.5	16.2	8.2	
1-Oct-13	3513		2R10L	Nest	52	28.0	32.4	29.1	16.6	8.2	
1-Oct-13	3514	3515	2R10L	Nest	52	26.8	30.3	26.9	15.8	6.9	ANO V5
1-Oct-13	3516	3517	2R10L	Nest	52	27.1	31.8	28.3	16.4	7.7	
1-Oct-13	3518		2R10L	Nest	52	28.5	32.0	27.8	15.8	7.8	
1-Oct-13	3485		2R10L	Nest	130	28.8	32.7	28.8	16.7	8.6	
1-Oct-13	3486	3487	2R10L	Nest	130	28.3	32.8	29.2	16.2	8.2	ANO V1/LC1/RC1
1-Oct-13	3488	3489	2R10L	Nest	130	29.8	33.8	29.9	17.2	9.6	ANO V1/LC1; 13 R MARG

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
1-Oct-13	3490		2R10L	Nest	130	30.3	34.1	29.8	16.2	8.6	
1-Oct-13	3491	3492	2R10L	Nest	130	26.6	30.4	26.2	15.1	6.5	
1-Oct-13	3493	3494	2R10L	Nest	130	26.7	30.4	27.0	15.5	7.1	ANO V1/LC1/RC1
2-Oct-13	3521	3522	2R10L	Nest	104	26.5	29.8	27.4	15.7	6.9	
2-Oct-13	3523		2R10L	Nest	104	24.9	28.2	26.2	14.8	5.7	
2-Oct-13	3524	3525	2R10L	Nest	104	24.8	29.8	26.5	15.0	6.6	ANO V3/4
2-Oct-13	3526	3527	2R10L	Nest	104	26.3	28.5	26.8	15.5	6.5	
2-Oct-13	3528		2R10L	Nest	104	26.6	30.4	26.7	15.1	6.7	ANO LC3/4, V5
2-Oct-13	3529	3530	2R10L	Nest	104	24.3	28.9	26.6	14.3	5.8	
2-Oct-13	3531	3532	2R10L	Nest	104	24.3	27.3	24.7	14.7	5.3	
2-Oct-13	3533		2R10L	Nest	104	22.8	25.7	23.5	14.1	4.5	ANO V5
2-Oct-13	3534	3535	2R10L	Nest	104	23.5	27.0	26.0	13.7	5.2	
2-Oct-13	3536		2R10L	Nest	104	23.2	27.2	24.6	13.8	4.7	
2-Oct-13	3538		2R10L	Nest	104	22.7	27.0	24.6	13.4	4.8	
2-Oct-13	3539	3540	2R10L	Nest	104	24.2	27.7	24.5	14.3	5.0	
3-Oct-13	3595	3596	2R10L	Nest	31	29.8	34.7	28.4	16.3	8.4	
3-Oct-13	3597		2R10L	Nest	31	27.8	32.8	29.1	15.5	7.7	
3-Oct-13	3598	3599	2R10L	Nest	31	28.2	32.1	28.1	16.1	7.8	
3-Oct-13	3600	3601	2R10L	Nest	31	28.9	32.6	28.6	16.3	7.9	
3-Oct-13	3602		2R10L	Nest	31	28.7	32.8	28.6	15.1	7.6	
3-Oct-13	3603	3604	2R10L	Nest	31	28.6	32.8	29.6	15.8	7.9	
3-Oct-13	3605	3606	2R10L	Nest	31	28.7	32.8	28.3	15.3	8.1	
3-Oct-13	3607		2R10L	Nest	31	28.6	33.0	28.2	15.7	8.2	ANO V5
3-Oct-13	3608	3609	2R10L	Nest	31	29.3	33.5	29.1	15.6	8.6	
3-Oct-13	3612		2R10L	Nest	31	29.3	33.3	29.0	16.1	8.7	
3-Oct-13	3613	3614	2R10L	Nest	31	29.0	33.1	29.3	16.1	8.5	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
3-Oct-13	3559	3560	2R10L	Nest	62	25.3	27.8	24.2	14.6	5.5	ANO RC 3-5
3-Oct-13	3561		2R10L	Nest	62	25.1	28.6	24.3	14.3	5.3	ANO LC4, RC3/4
3-Oct-13	3562	3563	2R10L	Nest	62	25.1	28.2	25.1	14.3	5.6	
3-Oct-13	3564		2R10L	Nest	62	23.6	27.8	25.2	14.8	5.8	
3-Oct-13	3566		2R10L	Nest	62	24.3	28.1	24.9	13.9	5.3	
3-Oct-13	3567	3568	2R10L	Nest	62	24.8	28.2	24.9	14.0	5.4	
3-Oct-13	3569		2R10L	Nest	62	25.2	28.0	24.3	13.8	5.4	
3-Oct-13	3570	3571	2R10L	Nest	62	23.9	26.9	24.0	14.1	5.3	ANO V5
3-Oct-13	3572	3573	2R10L	Nest	62	25.7	28.5	24.1	14.8	5.6	ANO V3/4, RC3/4
3-Oct-13	3574		2R10L	Nest	62	24.1	27.0	24.6	14.1	5.3	ANO LC3/4, V5
3-Oct-13	3575	3576	2R10L	Nest	62	25.1	28.2	24.9	14.8	5.6	
3-Oct-13	3577	3578	2R10L	Nest	62	24.9	28.4	25.1	14.6	5.8	
3-Oct-13	3579		2R10L	Nest	62	24.7	28.5	25.0	14.2	5.6	ANO LC3/4
3-Oct-13	3580	3581	2R10L	Nest	62	23.6	24.8	24.1	14.8	4.9	13 L MARG; Shell misshapen; ANO V5
3-Oct-13	3582	3583	2R10L	Nest	62	24.4	28.4	25.1	14.5	5.7	ANO V3/4
3-Oct-13	3584		2R10L	Nest	62	24.2	27.8	23.9	14.1	5.3	ANO LC3/4, V3-5, RC3/4
3-Oct-13	3585	3586	2R10L	Nest	62	24.8	28.2	24.6	14.3	5.6	ANO V5
3-Oct-13	3587	3588	2R10L	Nest	62	24.8	27.7	24.5	13.7	5.2	
3-Oct-13	3589		2R10L	Nest	62	24.9	28.7	25.2	14.5	5.7	
3-Oct-13	3590	3591	2R10L	Nest	62	24.9	28.2	25.3	14.3	5.8	
3-Oct-13	3593	3594	2R10L	Nest	68	25.8	31.5	29.2	14.9	7.3	
3-Oct-13	3544	3545	2R10L	Nest	82	28.1	31.5	27.6	15.5	7.0	
3-Oct-13	3546		2R10L	Nest	82	27.6	31.9	28.1	15.2	7.5	
3-Oct-13	3547	3548	2R10L	Nest	82	29.0	32.5	28.1	15.5	7.4	
3-Oct-13	3549	3550	2R10L	Nest	82	28.7	31.7	27.7	15.4	7.2	
3-Oct-13	3551		2R10L	Nest	82	28.4	32.7	28.5	15.8	7.7	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
3-Oct-13	3552	3553	2R10L	Nest	82	28.9	32.9	28.3	16.0	7.8	
3-Oct-13	3554	3555	2R10L	Nest	82	29.4	32.7	29.1	15.7	8.0	
3-Oct-13	3556		2R10L	Nest	82	28.1	31.1	28.0	15.1	7.2	
3-Oct-13	3616	3617	2R10L	Nest	82	29.1	33.2	29.1	16.1	8.3	
3-Oct-13	3557	3558	2R10L	Nest	104	23.1	26.4	24.2	14.8	4.9	
3-Oct-13	3541		2R10L	Nest	130	25.7	27.2	27.4	16.5	6.1	22 MARG; Short tail with kink; R eye no socket; L eye socket appears to be present but no eyeball visible
3-Oct-13	3592		2R10L	Nest	163	25.3	29.7	28.1	14.7	6.9	
3-Oct-13	3542	3543	2R10L	Hand	Notch	29.1	32.9	28.1	15.9	7.4	May be from new nest 163-2013 discovered 4 Oct nearby nests 82 and 62
4-Oct-13	3618	3619	2R10L	Nest	31	29.0	33.0	28.5	15.1	7.4	
4-Oct-13	3620		2R10L	Nest	31	28.6	33.1	28.8	15.5	8.0	
4-Oct-13	3656	3657	2R10L	Nest	84	25.0	27.7	24.1	14.4	5.2	
4-Oct-13	3658		2R10L	Nest	84	23.7	28.0	24.3	14.0	5.2	
4-Oct-13	3659	3660	2R10L	Nest	84	24.6	28.5	25.6	14.7	5.4	
4-Oct-13	3661	3662	2R10L	Nest	84	23.9	28.2	24.5	14.6	5.2	ANO V5
4-Oct-13	3663		2R10L	Nest	84	23.8	27.5	24.9	14.3	5.0	
4-Oct-13	3664	3665	2R10L	Nest	84	23.8	27.1	23.7	14.4	4.9	
4-Oct-13	3666		2R10L	Nest	84	24.4	28.3	24.4	14.2	5.2	
4-Oct-13	3667	3668	2R10L	Nest	84	24.5	27.6	23.6	13.6	5.1	
4-Oct-13	3669	3670	2R10L	Nest	84	24.6	28.0	24.9	14.1	5.3	
4-Oct-13	3671		2R10L	Nest	84	23.6	27.7	24.7	14.2	5.0	
4-Oct-13	3672	3673	2R10L	Nest	84	24.4	28.5	25.4	14.4	5.5	
4-Oct-13	3674	3675	2R10L	Nest	84	23.1	27.3	23.0	13.9	4.7	13 L MARG
4-Oct-13	3676		2R10L	Nest	84	22.5	27.0	23.7	13.1	4.8	
4-Oct-13	3677	3678	2R10L	Nest	84	23.9	27.3	24.0	14.1	5.0	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Oct-13	3679	3680	2R10L	Nest	84	21.9	24.6	21.1	12.7	4.1	
4-Oct-13	3681		2R10L	Nest	84	21.9	25.2	21.9	13.1	4.3	
4-Oct-13	3633	3634	2R10L	Nest	102	27.2	30.6	28.7	16.5	7.9	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3635		2R10L	Nest	102	27.8	31.6	28.7	16.7	7.9	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3636	3637	2R10L	Nest	102	27.0	30.7	28.5	15.3	7.6	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3638	3639	2R10L	Nest	102	28.0	31.9	29.3	16.0	8.1	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3640		2R10L	Nest	102	26.2	30.0	28.1	15.2	7.1	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3641	3642	2R10L	Nest	102	27.3	32.3	29.2	16.3	8.5	ANO V1; Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3643		2R10L	Nest	102	27.6	32.0	30.3	15.1	8.5	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3645		2R10L	Nest	102	27.3	31.3	29.5	15.8	8.2	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3646	3647	2R10L	Nest	102	28.9	33.0	29.6	16.7	8.7	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3648		2R10L	Nest	102	27.8	31.6	30.0	15.6	8.3	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3649	3650	2R10L	Nest	102	25.8	30.0	28.2	15.1	7.0	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3651	3652	2R10L	Nest	102	25.9	30.0	27.6	14.9	6.8	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3653		2R10L	Nest	102	26.7	31.2	28.8	15.5	7.5	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3654	3655	2R10L	Nest	102	27.2	30.7	29.8	15.2	7.9	Ring may surround a second undiscovered nest; should only be 14 hatch
4-Oct-13	3621	3622	2R10L	Hand	Notch	26.5	31.9	28.1	16.3	8.2	Found in veg near newly disc. 163-2013, shell very flexible
4-Oct-13	3623	3624	2R10L	Hand	Notch	27.8	31.3	28.6	14.7	7.3	ANO V5; Found in veg near newly disc. 163-2013, shell very flexible

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Oct-13	3625		2R10L	Hand	Notch	26.4	30.2	28.2	14.9	7.3	ANO V5; Found in veg near newly disc. 163-2013, shell very flexible
4-Oct-13	3626	3627	2R10L	Hand	Notch	26.2	28.7	26.7	15.4	7.1	ANO V5; Found in veg near newly disc. 163-2013, shell very flexible
4-Oct-13	3628	3629	2R10L	Hand	Notch	26.2	29.8	27.1	15.6	7.5	Found in veg near newly disc. 163-2013, shell very flexible
4-Oct-13	3631	3632	2R10L	Hand	Notch	28.6	32.6	29.0	16.1	8.3	Found in veg near newly disc. 163-2013, shell very flexible
7-Oct-13	3684		2R10L	Nest	102	29.4	32.3	29.6	16.4	8.5	Ring may surround a second undiscovered nest; should only be 14 hatch
7-Oct-13	3686		2R10L	Nest	102	28.1	32.1	29.4	15.2	7.7	ANO LC3/4; Ring may surround a second undiscovered nest; should only be 14 hatch
7-Oct-13	3687	3688	2R10L	Nest	102	29.7	33.8	30.9	16.3	9.0	Ring may surround a second undiscovered nest; should only be 14 hatch
7-Oct-13	3719		2R10L	Nest	135	26.4	30.8	26.7	15.9	7.3	ANO V2-5; 26 MARG
7-Oct-13	3720	3721	2R10L	Nest	135	29.2	32.5	27.8	16.5	8.1	
7-Oct-13	3722		2R10L	Nest	135	28.1	31.7	27.7	16.4	7.6	
7-Oct-13	3723	3724	2R10L	Nest	135	27.2	31.2	26.8	15.8	6.9	
7-Oct-13	3725	3726	2R10L	Nest	135	24.9	28.7	25.6	14.7	6.0	
7-Oct-13	3727		2R10L	Nest	135	26.2	29.7	25.4	14.8	6.2	
7-Oct-13	3728	3729	2R10L	Nest	135	27.5	31.9	27.6	16.4	7.6	
7-Oct-13	3730	3731	2R10L	Nest	135	28.1	32.1	27.0	15.6	7.6	
7-Oct-13	3732		2R10L	Nest	135	28.2	32.3	28.3	16.3	8.2	
7-Oct-13	3733	3734	2R10L	Nest	135	25.4	29.4	25.6	14.9	6.1	
7-Oct-13	3689		2R10L	Nest	136	25.6	30.8	27.1	15.7	6.9	ANO V5
7-Oct-13	3690	3691	2R10L	Nest	136	26.2	31.3	26.5	16.0	6.8	ANO V5; 13 R MARG
7-Oct-13	3692	3693	2R10L	Nest	136	26.1	30.0	25.9	15.4	6.4	ANO LC3/4, V4/5
7-Oct-13	3694		2R10L	Nest	136	26.1	30.8	27.4	15.5	6.8	
7-Oct-13	3695	3696	2R10L	Nest	136	26.7	30.7	27.7	15.0	6.9	ANO V3-5, RC2-4, 13 R MARG

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
7-Oct-13	3697	3698	2R10L	Nest	136	28.9	32.5	28.4	16.2	7.8	
7-Oct-13	3699		2R10L	Nest	136	25.3	30.2	26.6	15.5	6.5	ANO LC2/3
7-Oct-13	3700	3701	2R10L	Nest	136	25.8	29.3	26.2	15.5	6.6	ANO V4
7-Oct-13	3702	3703	2R10L	Nest	137	28.2	31.4	26.9	15.3	6.9	
7-Oct-13	3704		2R10L	Nest	137	28.8	32.1	28.4	16.1	7.8	ANO V4/5
7-Oct-13	3705	3706	2R10L	Nest	137	28.4	31.8	27.7	16.1	7.3	ANO V4/5; 5 LCs; 5 RCs; 13 R MARG
7-Oct-13	3707	3708	2R10L	Nest	137	29.5	32.0	28.0	15.7	7.0	
7-Oct-13	3710	3711	2R10L	Nest	137	27.1	30.9	27.1	14.4	6.5	
7-Oct-13	3712	3713	2R10L	Nest	137	26.9	30.4	27.3	15.0	6.6	ANO V5
7-Oct-13	3714		2R10L	Nest	137	27.4	30.7	26.3	15.0	6.3	
7-Oct-13	3715	3716	2R10L	Nest	137	30.0	32.2	27.9	15.8	7.7	
7-Oct-13	3717		2R10L	Nest	137	28.0	31.4	27.8	15.0	6.7	ANO V5
7-Oct-13	3735	3736	2R10L	Nest	137	28.9	32.6	28.2	16.5	8.4	
7-Oct-13	3682	3683	2R10L	Nest	166	24.9	30.0	26.1	15.0	6.4	
8-Oct-13	3737		2R10L	Nest	137	28.5	32.3	28.6	16.0	7.6	
10-Oct-13	3740	3741	2R10L	Nest	93	27.9	30.2	27.7	16.1	7.4	
10-Oct-13	3742		2R10L	Nest	93	29.1	30.1	28.0	16.2	8.2	
10-Oct-13	3743	3744	2R10L	Nest	93	27.3	30.5	26.9	15.6	6.9	
10-Oct-13	3745		2R10L	Nest	93	28.2	31.6	28.4	15.9	7.8	ANO LC4
10-Oct-13	3747		2R10L	Nest	93	27.5	31.1	28.2	15.8	7.5	
10-Oct-13	3748	3749	2R10L	Nest	93	27.1	31.0	27.3	15.9	7.5	
10-Oct-13	3750		2R10L	Nest	93	26.7	31.0	28.3	15.8	7.7	
10-Oct-13	3751	3752	2R10L	Nest	93	29.2	32.4	28.2	16.0	8.2	
10-Oct-13	3753	3754	2R10L	Nest	93	28.5	31.6	29.0	15.2	7.9	
10-Oct-13	3755		2R10L	Nest	93	28.8	31.8	28.3	15.9	7.6	
10-Oct-13	3756	3757	2R10L	Nest	93	28.1	31.2	27.8	15.6	7.6	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
10-Oct-13	3758	3759	2R10L	Nest	93	28.7	32.0	27.9	16.4	8.1	
10-Oct-13	3760		2R10L	Nest	93	29.3	32.0	28.2	16.7	8.0	
10-Oct-13	3738	3739	2R10L	Nest	168	22.6	27.9	29.7	15.9	7.1	ANO LC2/3; ANO Plastron; Curled tail; Convex posterior carapace
14-Oct-13	3761	3762	2R10L	Nest	42	27.8	31.5	27.8	16.0	7.2	
15-Oct-13	3799	3800	2R10L	Nest	19	26.3	29.1	24.7	14.0	5.5	
15-Oct-13	3801		2R10L	Nest	19	27.7	31.2	26.7	14.9	6.5	
15-Oct-13	3802	3803	2R10L	Nest	19	28.5	32.6	26.9	15.5	6.8	
15-Oct-13	3804	3805	2R10L	Nest	19	27.2	31.2	26.7	14.8	6.5	
15-Oct-13	3806		2R10L	Nest	19	27.0	30.6	26.4	15.1	6.7	
15-Oct-13	3807	3808	2R10L	Nest	19	27.4	30.7	26.6	15.0	6.8	
15-Oct-13	3809	3810	2R10L	Nest	19	28.4	32.5	27.5	14.7	7.1	
15-Oct-13	3811		2R10L	Nest	19	27.5	31.9	27.6	14.7	6.9	
15-Oct-14	3812	3813	2R10L	Nest	19	27.2	30.4	26.2	15.0	6.4	
15-Oct-13	3866	3867	2R10L	Nest	44	25.9	30.1	26.1	15.1	6.9	
15-Oct-13	3868	3869	2R10L	Nest	44	26.1	30.7	26.8	15.6	7.0	
15-Oct-13	3870		2R10L	Nest	44	26.2	30.3	26.6	15.4	6.9	
15-Oct-13	3871	3872	2R10L	Nest	44	26.4	30.8	27.2	15.0	7.2	
15-Oct-13	3873	3874	2R10L	Nest	44	27.0	30.0	26.3	15.3	7.2	
15-Oct-13	3875		2R10L	Nest	44	27.4	30.7	26.1	15.2	7.0	
15-Oct-13	3876	3877	2R10L	Nest	44	26.1	30.1	26.4	15.0	6.6	
15-Oct-13	3878		2R10L	Nest	44	27.5	30.5	26.4	16.0	7.5	
15-Oct-13	3880		2R10L	Nest	44	27.0	30.3	25.5	15.3	7.0	
15-Oct-13	3881	3882	2R10L	Nest	44	26.3	29.8	26.7	15.1	6.8	
15-Oct-13	3883		2R10L	Nest	44	27.5	29.7	26.0	15.2	6.8	
15-Oct-13	3885		2R10L	Nest	44	26.3	30.2	26.4	14.9	6.8	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
15-Oct-13	3886	3887	2R10L	Nest	44	26.9	30.4	26.6	14.7	7.0	
15-Oct-13	3786	3787	2R10L	Nest	81	29.5	37.2	29.1	16.8	9.5	
15-Oct-13	3788		2R10L	Nest	81	30.6	34.2	30.4	16.3	9.7	
15-Oct-13	3789	3790	2R10L	Nest	81	28.2	30.7	27.4	15.3	7.3	
15-Oct-13	3791	3792	2R10L	Nest	81	30.8	33.8	29.7	17.7	10.1	
15-Oct-13	3793		2R10L	Nest	81	26.7	29.8	27.1	15.2	6.8	
15-Oct-13	3794	3795	2R10L	Nest	81	27.2	30.2	26.8	15.6	6.8	
15-Oct-13	3796		2R10L	Nest	81	29.7	32.5	28.7	16.2	8.4	
15-Oct-13	3797	3798	2R10L	Nest	81	29.3	31.9	27.7	16.3	8.5	
15-Oct-13	3763	3764	2R10L	Nest	83	30.2	33.3	29.3	16.1	8.2	
15-Oct-13	3765		2R10L	Nest	83	28.1	31.9	28.6	16.3	7.9	
15-Oct-13	3766	3767	2R10L	Nest	83	27.7	31.2	27.5	15.8	7.2	
15-Oct-13	3768	3769	2R10L	Nest	83	28.2	32.7	28.7	16.3	8.2	
15-Oct-13	3770		2R10L	Nest	83	28.5	32.6	29.5	16.7	8.7	
15-Oct-13	3771	3772	2R10L	Nest	83	28.0	30.7	29.0	16.9	8.5	ANO V1-5
15-Oct-13	3814	3815	2R10L	Nest	98	25.8	29.7	26.3	13.5	5.9	
15-Oct-13	3816		2R10L	Nest	98	29.8	33.0	28.6	14.8	8.1	
15-Oct-13	3817	3818	2R10L	Nest	98	30.4	33.4	30.0	16.0	8.8	
15-Oct-13	3819		2R10L	Nest	98	31.3	34.3	30.5	16.6	9.7	
15-Oct-13	3820	3821	2R10L	Nest	98	29.6	32.7	29.7	15.1	8.1	
15-Oct-13	3822	3823	2R10L	Nest	98	31.0	33.5	28.8	16.0	8.6	
15-Oct-13	3824		2R10L	Nest	98	30.4	33.3	28.9	16.0	8.4	
15-Oct-13	3825	3826	2R10L	Nest	98	28.8	31.0	27.8	15.6	7.5	Plastron indented at bridge
15-Oct-13	3827	3828	2R10L	Nest	98	31.5	33.9	29.3	15.8	9.1	
15-Oct-13	3829		2R10L	Nest	98	28.5	32.7	29.4	14.7	8.2	Extra plastron scute between gulars and humerals

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
15-Oct-13	3830	3831	2R10L	Nest	98	30.0	33.7	29.1	15.1	8.8	Extra plastron scutes between gulars and humerals
15-Oct-13	3832	3833	2R10L	Nest	98	29.8	32.9	28.9	14.9	7.9	Extra plastron scute between gulars
15-Oct-13	3834		2R10L	Nest	98	29.0	32.0	28.4	15.1	7.8	
15-Oct-13	3835	3836	2R10L	Nest	98	31.5	34.2	31.0	15.4	9.6	
15-Oct-13	3773		2R10L	Nest	110	27.0	30.0	26.2	14.1	6.5	ANO V5
15-Oct-13	3774	3775	2R10L	Nest	110	27.6	31.3	28.0	15.6	7.5	
15-Oct-13	3776	3777	2R10L	Nest	110	29.7	32.4	28.6	16.1	8.0	
15-Oct-13	3778		2R10L	Nest	110	29.7	32.0	28.6	15.0	8.1	
15-Oct-13	3779	3780	2R10L	Nest	110	25.2	28.3	25.5	13.8	5.5	
15-Oct-13	3781	3782	2R10L	Nest	110	29.4	32.4	28.4	17.0	8.1	
15-Oct-13	3783		2R10L	Nest	110	26.8	29.7	26.8	14.1	6.6	
15-Oct-13	3784	3785	2R10L	Nest	110	28.4	32.1	28.1	15.5	7.9	
15-Oct-13	3852		2R10L	Nest	121	29.1	32.5	29.1	15.9	8.5	
15-Oct-13	3853	3854	2R10L	Nest	121	24.5	28.3	24.6	14.6	5.3	
15-Oct-13	3858	3859	2R10L	Nest	121	29.0	32.9	28.4	16.2	8.2	ANO V1
15-Oct-13	3860		2R10L	Nest	121	23.3	27.6	24.1	14.2	5.1	5LCs, 5 RCs
15-Oct-13	3862		2R10L	Nest	121	30.1	33.1	29.2	16.9	9.0	
15-Oct-13	3863	3864	2R10L	Nest	121	28.5	32.5	27.6	15.4	7.8	
15-Oct-13	3865		2R10L	Nest	121	26.0	30.5	27.0	16.0	7.1	ANO LC 1
15-Oct-13	3837	3838	2R10L	Nest	134	27.1	30.6	27.6	16.3	7.6	
15-Oct-13	3839		2R10L	Nest	134	24.5	26.7	26.0	15.4	6.1	26 MARG; ANO V5
15-Oct-13	3840	3841	2R10L	Nest	134	26.4	29.8	26.8	16.2	7.3	ANO V5, RCs
15-Oct-13	3842		2R10L	Nest	134	26.5	31.0	27.6	15.6	7.4	
15-Oct-13	3843	3844	2R10L	Nest	134	26.6	30.8	27.0	15.6	7.1	13 R MARG, ANO V5

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
15-Oct-13	3845	3846	2R10L	Nest	134	26.6	30.5	26.7	15.2	6.7	26 MARG; ANO V5
15-Oct-13	3847		2R10L	Nest	134	26.0	29.5	25.7	15.2	6.4	26 MARG; ANO V5
15-Oct-13	3848	3849	2R10L	Nest	134	29.5	32.9	27.6	16.6	8.4	26 MARG; ANO V5/LC4
15-Oct-13	3850	3851	2R10L	Nest	134	22.3	26.7	23.8	14.0	4.8	ANO V5; 5 LCs; 5 RCs
22-Oct-13	3888		2R10L	Nest	139	26.5	29.8	26.3	15.9	7.2	
22-Oct-13	3890		2R10L	Nest	139	25.4	29.4	24.9	15.7	6.6	
22-Oct-13	3891	3892	2R10L	Nest	139	23.8	27.7	24.7	14.6	5.9	
22-Oct-13	3893		2R10L	Nest	139	25.3	28.6	24.4	15.3	5.9	
22-Oct-13	3894	3895	2R10L	Nest	139	24.2	28.2	23.8	15.3	5.8	
30-Oct-13				Hand							FOUND DEAD (partially eaten; too misshapen for measurements)
4-Apr-14	3896	3897	10R2L	Nest	17	27.5	31.4	28.0	15.8	7.1	
4-Apr-14	3898		10R2L	Nest	17	28.2	31.4	28.0	15.8	7.2	
4-Apr-14	3899	3900	10R2L	Nest	17	27.6	31.0	27.8	16.6	7.3	
4-Apr-14	3901	3902	10R2L	Nest	17	27.4	30.9	27.5	16.1	7.0	26 Marginals
4-Apr-14	3903		10R2L	Nest	17	28.0	31.2	27.9	16.0	6.9	
4-Apr-14	3904	3905	10R2L	Nest	17	27.5	31.1	27.8	16.8	7.5	
4-Apr-14	3906		10R2L	Nest	17	27.9	31.9	27.2	16.1	7.2	
4-Apr-14	3908		10R2L	Nest	17	26.2	30.3	26.7	15.9	6.5	
4-Apr-14	3909	3910	10R2L	Nest	17	26.7	31.2	28.2	16.4	7.5	
4-Apr-14	3911	3912	10R2L	Nest	65	28.5	30.8	26.7	15.6	6.5	
4-Apr-14	3913		10R2L	Nest	65	28.0	29.5	28.5	16.1	6.8	
4-Apr-14	3914	3915	10R2L	Nest	65	26.0	29.8	28.1	16.0	6.5	
4-Apr-14	3916		10R2L	Nest	65	27.9	31.3	28.6	16.9	7.1	
4-Apr-14	3917	3918	10R2L	Nest	65	27.5	29.2	27.0	16.2	6.5	
4-Apr-14	3919	3920	10R2L	Nest	65	26.8	30.3	27.8	17.0	6.8	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	3921		10R2L	Nest	65	24.5	28.3	24.9	16.0	5.5	
4-Apr-14	3922	3923	10R2L	Nest	65	27.6	28.7	25.5	15.9	5.8	
4-Apr-14	3924	3925	10R2L	Nest	65	27.3	29.4	26.8	15.7	6.4	
4-Apr-14	3926		10R2L	Nest	65	25.5	24.5	25.6	14.9	5.6	Kyophotic ANO V4, ANO V5
4-Apr-14	3927	3928	10R2L	Nest	124	25.4	28.5	26.7	14.2	5.6	Possibly mix DNA with row below.
4-Apr-14	3929	3930	10R2L	Nest	124	27.6	31.4	27.8	16.5	7.1	Possibly mix DNA with row above.
4-Apr-14	3931		10R2L	Nest	124	24.9	29.6	26.5	15.8	6.0	
4-Apr-14	3932	3933	10R2L	Nest	124	27.8	32.1	27.3	15.8	7.1	ANO-V1-5, 26 marginals
4-Apr-14	3934		10R2L	Nest	124	26.7	30.3	28.1	15.3	6.8	ANO V5
4-Apr-14	3936		10R2L	Nest	124	23.3	26.1	22.7	14.2	4.2	
4-Apr-14	3937	3938	10R2L	Nest	124	28.5	31.6	27.4	17.0	7.2	
4-Apr-14	3939		10R2L	Nest	124	27.8	30.6	28.6	16.1	7.1	
4-Apr-14	3941		10R2L	Nest	124	24.9	28.5	26.0	15.3	5.6	
4-Apr-14	3942	3943	10R2L	Nest	124	24.7	26.9	25.0	14.8	5.2	
4-Apr-14	3944		10R2L	Nest	8	29.3	31.7	28.1	16.0	7.0	
4-Apr-14	3945	3946	10R2L	Nest	8	27.5	30.9	27.6	15.9	6.8	
4-Apr-14	3947	3948	10R2L	Nest	8	28.0	31.2	28.0	15.8	6.9	13 marginals right side
4-Apr-14	3949		10R2L	Nest	85	29.8	31.1	28.9	16.9	7.6	
4-Apr-14	3950	3951	10R2L	Nest	85	27.4	29.1	28.7	15.9	6.7	
4-Apr-14	3952	3953	10R2L	Nest	85	26.0	29.5	29.5	15.6	7.1	ANO V5
4-Apr-14	3954		10R2L	Nest	85	29.1	31.1	29.9	15.9	7.3	
4-Apr-14	3955	3956	10R2L	Nest	85	25.6	28.5	26.4	15.4	6.2	
4-Apr-14	3957	3958	10R2L	Nest	85	26.1	29.4	27.3	15.4	6.3	
4-Apr-14	3959		10R2L	Nest	85	27.8	30.3	28.4	16.0	6.8	
4-Apr-14	3960	3961	10R2L	Nest	85	27.5	29.9	27.9	16.4	6.6	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	3962	3963	10R2L	Nest	85	23.9	26.5	25.3	14.5	5.1	
4-Apr-14	3964		10R2L	Nest	85	25.1	27.7	26.6	15.3	5.6	
4-Apr-14	3965	3966	10R2L	Nest	85	26.7	28.9	27.7	16.0	6.3	
4-Apr-14	3967		10R2L	Nest	85	26.9	29.7	28.1	15.0	6.4	
4-Apr-14	3968	3969	10R2L	Nest	85	25.5	27.7	26.8	15.4	5.5	
4-Apr-14	3970	3971	10R2L	Nest	85	27.1	29.6	27.5	15.6	6.6	
4-Apr-14	3972		10R2L	Nest	85	27.0	30.1	28.3	15.2	6.7	
4-Apr-14	3973	3974	10R2L	Nest	139	23.7	26.5	24.9	14.2	5.5	
4-Apr-14	3975	3976	10R2L	Nest	139	22.4	26.0	23.2	14.1	4.6	
4-Apr-14	3977		10R2L	Nest	139	25.9	29.8	26.5	15.4	6.8	
4-Apr-14	3978	3979	10R2L	Nest	139	26.2	29.3	28.1	15.2	7.2	ANO V5
4-Apr-14	3980	3981	10R2L	Nest	139	23.4	26.7	25.0	13.8	5.7	ANO V5
4-Apr-14	3982		10R2L	Nest	15	28.0	31.0	28.2	15.9	7.5	
4-Apr-14	3983	3984	10R2L	Nest	15	27.6	31.4	27.5	16.6	7.6	
4-Apr-14	3985	3986	10R2L	Nest	15	25.9	28.5	26.3	15.7	5.9	
4-Apr-14	3987		10R2L	Nest	15	25.1	28.2	26.5	15.1	5.6	
4-Apr-14	3988	3989	10R2L	Nest	15	25.1	27.4	25.0	15.1	5.0	
4-Apr-14	3990	3991	10R2L	Nest	15	25.4	27.9	26.2	15.2	5.6	
4-Apr-14	3992		10R2L	Nest	15	25.2	28.5	25.6	15.2	5.6	
4-Apr-14	3993	3994	10R2L	Nest	15	24.4	27.9	25.0	14.9	5.4	
4-Apr-14	3995		10R2L	Nest	15	26.8	30.4	27.4	16.0	6.8	
4-Apr-14	3997		10R2L	Nest	15	24.0	27.2	25.3	15.2	5.3	
4-Apr-14	3998	3999	10R2L	Nest	15	25.1	27.3	25.3	15.0	5.3	
4-Apr-14	4000		10R2L	Nest	15	24.8	28.1	26.0	14.9	5.3	13 marginals left side
4-Apr-14	4001	4002	10R2L	Nest	15	24.0	27.6	25.1	15.5	5.3	
4-Apr-14	4003	4004	10R2L	Nest	15	28.5	31.6	28.8	16.4	7.9	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4005		10R2L	Nest	15	26.0	29.7	26.6	16.1	6.3	
4-Apr-14	4006	4007	10R2L	Nest	15	24.6	27.4	26.0	15.5	5.6	
4-Apr-14	4008	4009	10R2L	Nest	15	21.5	24.8	23.2	13.6	3.9	
4-Apr-14	4010		10R2L	Nest	30	24.9	27.8	24.9	13.9	4.8	
4-Apr-14	4011	4012	10R2L	Nest	30	24.1	27.3	24.8	13.3	4.8	
4-Apr-14	4013		10R2L	Nest	30	24.0	27.4	24.8	13.9	4.9	
4-Apr-14	4015		10R2L	Nest	30	24.6	27.9	24.3	14.4	4.9	
4-Apr-14	4016	4017	10R2L	Nest	30	24.3	27.0	24.3	14.7	5.2	
4-Apr-14	4018	4019	10R2L	Nest	30	24.6	27.6	23.9	13.6	4.5	
4-Apr-14	4020		10R2L	Nest	30	24.2	27.5	24.6	14.1	4.7	
4-Apr-14	4021	4022	10R2L	Nest	30	23.8	27.2	25.0	14.2	5.1	
4-Apr-14	4023	4024	10R2L	Nest	30	24.7	27.3	24.9	14.1	4.8	
4-Apr-14	4025		10R2L	Nest	30	24.7	27.2	23.9	14.0	4.5	
4-Apr-14	4026	4027	10R2L	Nest	30	25.0	28.0	25.3	13.7	5.1	
4-Apr-14	4028		10R2L	Nest	30	24.7	27.8	24.9	13.3	4.6	
4-Apr-14	4030		10R2L	Nest	30	24.6	27.7	24.6	14.1	4.8	
4-Apr-14	4031	4032	10R2L	Nest	30	23.8	26.3	23.6	13.6	4.6	
4-Apr-14	4033		10R2L	Nest	78	26.2	30.1	27.0	15.5	6.4	
4-Apr-14	4034	4035	10R2L	Nest	78	25.9	30.0	27.1	15.4	6.4	
4-Apr-14	4036	4037	10R2L	Nest	78	25.3	29.5	26.5	15.6	6.2	
4-Apr-14	4038		10R2L	Nest	78	25.5	29.0	26.1	15.3	5.7	
4-Apr-14	4039	4040	10R2L	Nest	78	24.4	27.2	24.3	15.0	5.0	
4-Apr-14	4041	4042	10R2L	Nest	78	25.5	29.4	27.2	15.7	6.5	
4-Apr-14	4043		10R2L	Nest	78	26.2	29.8	27.2	15.7	6.5	
4-Apr-14	4044	4045	10R2L	Nest	78	28.3	32.0	28.8	16.2	7.6	
4-Apr-14	4046	4047	10R2L	Nest	78	26.1	29.8	27.4	15.6	6.4	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4048		10R2L	Nest	78	27.2	30.7	27.5	15.7	6.7	
4-Apr-14	4049	4050	10R2L	Nest	78	26.2	29.8	27.3	15.9	6.5	
4-Apr-14	4051	4052	10R2L	Nest	78	26.1	29.3	26.6	15.9	6.5	
4-Apr-14	4053		10R2L	Nest	79	27.1	30.4	27.4	16.4	6.9	
4-Apr-14	4054	4055	10R2L	Nest	79	28.2	30.1	27.1	15.8	6.8	
4-Apr-14	4056	4057	10R2L	Nest	79	28.1	31.2	27.2	16.1	6.7	ANO V1-5 RC LC
4-Apr-14	4058		10R2L	Nest	87	26.5	30.4	27.0	15.6	7.2	
4-Apr-14	4059	4060	10R2L	Nest	87	26.7	29.9	27.4	15.3	6.5	
4-Apr-14	4061	4062	10R2L	Nest	87	26.3	29.6	27.3	15.8	6.3	
4-Apr-14	4063		10R2L	Nest	87	27.6	29.5	28.8	15.3	6.6	
4-Apr-14	4064	4065	10R2L	Nest	87	25.9	29.4	28.2	16.0	7.0	
4-Apr-14	4066		10R2L	Nest	87	26.4	30.4	28.2	16.1	6.8	
4-Apr-14	4068		10R2L	Nest	87	26.9	31.3	28.7	15.9	7.1	
4-Apr-14	4069	4070	10R2L	Nest	87	26.9	29.8	27.9	15.5	6.7	
4-Apr-14	4071		10R2L	Nest	87	25.9	27.7	26.0	15.0	5.6	
4-Apr-14	4073		10R2L	Nest	87	26.2	30.5	28.0	15.8	7.1	
4-Apr-14	4074	4075	10R2L	Nest	87	27.0	30.6	27.3	15.2	6.3	
4-Apr-14	4076		10R2L	Nest	87	26.5	30.3	27.9	15.6	6.7	
4-Apr-14	4077	4078	10R2L	Nest	87	27.2	30.2	28.1	15.6	7.1	
4-Apr-14	4079	4080	10R2L	Nest	33	29.1	32.1	28.3	16.4	7.0	
4-Apr-14	4081		10R2L	Nest	33	28.8	31.9	28.1	16.1	7.7	
4-Apr-14	4082	4083	10R2L	Nest	33	28.4	32.0	27.8	16.3	7.8	
4-Apr-14	4084	4085	10R2L	Nest	33	27.5	31.9	28.1	16.2	7.6	
4-Apr-14	4086		10R2L	Nest	123	27.3	30.1	26.6	16.4	6.8	
4-Apr-14	4087	4088	10R2L	Nest	123	28.9	31.9	28.3	16.5	7.9	
4-Apr-14	4089		10R2L	Nest	123	26.9	30.9	29.0	16.2	7.6	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4091		10R2L	Nest	123	26.9	30.3	28.3	16.2	7.0	
4-Apr-14	4092	4093	10R2L	Nest	123	26.0	29.3	26.6	15.2		ANO V2-V5
4-Apr-14	4094		10R2L	Nest	116	20.1	23.4	21.1	13.4	3.1	
4-Apr-14	4095	4096	10R2L	Nest	32	28.3	31.6	28.7	15.6	7.3	
4-Apr-14	4097	4098	10R2L	Nest	32	28.8	31.4	28.6	15.8	7.3	
4-Apr-14	4099		10R2L	Nest	32	27.3	30.3	28.3	15.6	6.9	
4-Apr-14	4956		10R2L	Nest	32	27.7	30.2	26.1	15.6	6.4	
4-Apr-14	4958		10R2L	Nest	32	27.1	31.9	29.1	15.7	7.1	13 marginals right side
4-Apr-14	4959	4960	10R2L	Nest	32	27.8	30.3	27.0	16.1	6.5	
4-Apr-14	4961	4962	10R2L	Nest	32	26.5	30.0	25.9	15.2	6.0	
4-Apr-14	4963		10R2L	Nest	32	28.1	31.6	27.6	16.1	7.0	
4-Apr-14	4964	4965	10R2L	Nest	32	29.6	32.4	28.1	15.8	7.7	
4-Apr-14	4966	4967	10R2L	Nest	99	28.3	32.2	29.7	16.1	7.4	
4-Apr-14	4968		10R2L	Nest	99	27.6	32.0	28.5	16.0	7.0	
4-Apr-14	4969	4970	10R2L	Nest	99	28.4	32.3	29.8	16.2	7.6	
4-Apr-14	4971	4972	10R2L	Nest	99	29.2	33.1	28.7	16.5	7.9	26 marginals
4-Apr-14	4973		10R2L	Nest	99	28.0	32.4	29.5	16.0	8.2	
4-Apr-14	4974	4975	10R2L	Nest	99	29.0	31.8	29.1	16.2	7.3	13 marginals right side
4-Apr-14	4976	4977	10R2L	Nest	99	28.8	32.1	28.5	15.9	7.0	
4-Apr-14	4978		10R2L	Nest	99	28.4	31.7	28.3	16.2	7.3	
2-Apr-14	4979	4980	10R2L	Nest	99	28.8	33.4	28.2	16.8	7.7	Found 4-2-14
2-Apr-14	4981	4982	10R2L	Nest	99	28.5	31.8	28.3	16.0	7.1	ANO V5, Found 4-2-14
4-Apr-14	4983		10R2L	Nest	142	26.3	28.5	25.5	15.5	5.9	ANO V5
4-Apr-14	4984	4985	10R2L	Nest	142	20.7	21.4	21.9	13.9	3.9	ANO V5, 10 marginals right, 11 marginals left, dead
4-Apr-14	4986	4987	10R2L	Nest	15	24.6	27.4	25.3	15.7	5.5	ANO V5

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4988		10R2L	Nest	15	25.1	28.2	26.4	15.6	5.7	
4-Apr-14	4989	4990	10R2L	Nest	27	27.8	30.5	27.1	15.7	7.0	
4-Apr-14	4991	4992	10R2L	Nest	27	26.9	31.3	28.5	16.2	7.2	
4-Apr-14	4993		10R2L	Nest	27	26.8	30.2	27.3	15.4	6.7	
4-Apr-14	4994	4995	10R2L	Nest	27	26.7	30.0	26.9	15.9	6.8	
4-Apr-14	4996	4997	10R2L	Nest	27	25.9	29.5	27.7	15.3	6.8	
4-Apr-14	4998		10R2L	Nest	129	25.8	29.9	26.3	15.3	5.4	
4-Apr-14	4999	5000	10R2L	Nest	129	25.7	29.0	26.9	15.9	6.2	
4-Apr-14	5001	5002	10R2L	Nest	129	24.1	26.5	23.9	14.6	4.5	
4-Apr-14	5003		10R2L	Nest	129	24.7	27.7	23.6	14.9	4.7	ANO V4 V5
4-Apr-14	5004	5005	10R2L	Nest	129	26.7	31.2	27.8	16.1	7.0	ANO V5, 13 marginals right
4-Apr-14	5006	5007	10R2L	Nest	129	26.4	30.0	27.2	16.2	6.4	
4-Apr-14	5008		10R2L	Nest	129	27.2	29.8	28.1	15.3	6.8	
4-Apr-14	5009	5010	10R2L	Nest	129	24.1	28.3	25.3	14.7	5.3	
4-Apr-14	5011	5012	10R2L	Nest	129	28.1	31.4	27.7	16.9	7.5	
4-Apr-14	5013		10R2L	Nest	129	27.4	30.7	28.7	16.4	6.8	
4-Apr-14	5014	5015	10R2L	Nest	117	27.9	30.6	30.4	15.2	7.0	
4-Apr-14	5016	5017	10R2L	Nest	117	25.1	28.2	26.9	15.0	5.7	
4-Apr-14	5018		10R2L	Nest	117	29.8	32.8	30.5	17.2	8.7	
4-Apr-14	5019	5020	10R2L	Nest	117	27.4	30.4	29.2	15.8	7.3	
4-Apr-14	5021	5022	10R2L	Nest	117	27.1	30.8	30.0	16.3	7.8	
4-Apr-14	5023		10R2L	Nest	117	24.0	24.9	22.5	14.4	4.5	Damage to carapace & bridge
4-Apr-14	5024	5025	10R2L	Nest	117	28.3	31.0	29.0	16.5	7.6	
4-Apr-14	5026	5027	10R2L	Nest	117	28.1	30.9	29.3	15.6	7.5	
4-Apr-14	5028		10R2L	Nest	117	26.8	29.7	28.0	15.6	6.8	
4-Apr-14	5029	5030	10R2L	Nest	117	29.3	32.5	30.7	16.5	8.8	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	5031	5032	10R2L	Nest	100	27.2	30.6	26.3	15.6	6.0	26 marginals
4-Apr-14	5033		10R2L	Nest	100	27.1	30.0	26.5	15.2	6.3	
4-Apr-14	5034	5035	10R2L	Nest	100	26.7	30.6	26.6	16.0	6.5	
4-Apr-14	5036	5037	10R2L	Nest	100	26.4	30.3	27.2	15.0	6.1	
4-Apr-14	5038		10R2L	Nest	100	27.2	30.2	26.7	15.2	6.2	
4-Apr-14	4873		10R2L	Nest	100	26.9	30.3	26.4	15.8	6.2	
4-Apr-14	4874	4875	10R2L	Nest	100	27.5	31.1	27.3	15.3	6.8	
4-Apr-14	4876	4877	10R2L	Nest	100	27.4	30.5	27.0	14.9	6.3	
4-Apr-14	4878		10R2L	Nest	100	27.2	30.7	26.5	15.2	6.5	
4-Apr-14	4879	4880	10R2L	Nest	100	26.6	30.6	27.9	15.8	6.5	
4-Apr-14	4881	4882	10R2L	Nest	100	27.6	30.6	27.7	15.9	7.0	
4-Apr-14	4883		10R2L	Nest	69	26.4	28.3	25.1	15.1	5.7	
4-Apr-14	4884	4885	10R2L	Nest	69	25.6	27.9	26.1	15.4	5.6	
4-Apr-14	4886	4887	10R2L	Nest	69	25.0	27.4	25.3	15.0	5.7	
4-Apr-14	4888		10R2L	Nest	69	22.7	25.2	22.4	14.4	4.0	
4-Apr-14	4889	4890	10R2L	Nest	69	26.2	29.8	26.3	15.7	6.0	
4-Apr-14	4891	4892	10R2L	Nest	69	25.0	28.1	23.8	15.2	5.0	
4-Apr-14	4893		10R2L	Nest	69	27.0	28.6	25.7	15.4	5.7	
4-Apr-14	4894	4895	10R2L	Nest	69	25.7	28.8	26.5	15.8	6.1	
4-Apr-14	4896	4897	10R2L	Nest	69	24.8	26.5	24.5	15.0	5.1	
4-Apr-14	4898		10R2L	Nest	69	26.6	29.0	25.8	15.5	6.3	
4-Apr-14	4899	4900	10R2L	Nest	69	26.2	29.1	26.4	16.0	6.4	
4-Apr-14	4901	4902	10R2L	Nest	92	24.1	26.6	24.3	13.8	4.6	
4-Apr-14	4903		10R2L	Nest	92	22.4	24.8	24.2	12.4	3.9	ANO V5, 26 marginals
4-Apr-14	4904	4905	10R2L	Nest	92	23.7	25.8	24.2	14.3	4.6	
4-Apr-14	4906	4907	10R2L	Nest	92	23.8	26.8	24.5	14.3	4.6	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4908		10R2L	Nest	92	24.8	27.9	25.5	14.5	5.3	ANO V5
4-Apr-14	4909	4910	10R2L	Nest	92	24.5	26.6	25.5	14.5	5.1	
4-Apr-14	4911	4912	10R2L	Nest	92	24.0	26.2	24.5	13.9	4.5	
4-Apr-14	4913		10R2L	Nest	92	25.5	28.0	26.3	14.8	5.4	
4-Apr-14	4914	4915	10R2L	Nest	92	25.0	28.1	25.7	14.6	5.4	
4-Apr-14	4916		10R2L	Nest	92	24.9	27.7	25.7	14.3	5.2	
4-Apr-14	4918		10R2L	Nest	92	23.3	26.0	23.7	14.1	4.6	
4-Apr-14	4919	4920	10R2L	Nest	75	28.4	31.6	28.4	16.6	7.9	
4-Apr-14	4921	4922	10R2L	Nest	75	28.8	31.9	28.9	16.3	7.6	
4-Apr-14	4923		10R2L	Nest	75	27.8	31.0	28.5	16.0	7.3	
4-Apr-14	4924	4925	10R2L	Nest	75	28.7	30.9	28.1	16.4	7.6	ANO V3
4-Apr-14	4926	4927	10R2L	Nest	75	28.0	31.7	29.2	15.8	7.5	
4-Apr-14	4928		10R2L	Nest	75	29.0	31.5	27.9	16.3	7.3	ANO V5
4-Apr-14	4929	4930	10R2L	Nest	75	27.7	31.1	28.0	15.6	7.0	
4-Apr-14	4931	4932	10R2L	Nest	75	29.1	31.6	29.3	16.6	8.0	
4-Apr-14	4933		10R2L	Nest	75	28.6	31.1	29.2	16.5	7.9	
4-Apr-14	4934	4935	10R2L	Nest	75	26.5	30.4	28.4	15.9	7.1	
4-Apr-14	4936	4937	10R2L	Nest	75	29.4	31.8	29.2	16.1	7.9	ANO V5
4-Apr-14	4938		10R2L	Nest	75	29.5	32.5	29.2	16.3	7.9	
4-Apr-14	4939	4940	10R2L	Nest	75	28.9	31.9	28.6	16.6	8.1	ANO right costal
4-Apr-14	4941	4942	10R2L	Nest	75	29.0	32.4	30.2	16.7	7.7	
4-Apr-14	4943		10R2L	Nest	75	29.4	31.6	28.7	15.8	7.6	
4-Apr-14	4946	4947	10R2L	Nest	114	22.5	25.6	24.4	14.0	4.5	
4-Apr-14	4948		10R2L	Nest	114	26.9	30.9	29.5	15.8	7.1	
4-Apr-14	4949	4950	10R2L	Nest	114	29.3	28.0	26.3	15.0	5.6	
4-Apr-14	4951	4952	10R2L	Nest	114	28.2	31.1	28.8	16.9	7.9	ANO V5

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4953		10R2L	Nest	114	25.4	28.3	26.1	14.9	5.8	
4-Apr-14	4954	4955	10R2L	Nest	114	27.8	30.8	27.5	16.8	7.0	
4-Apr-14	4706		10R2L	Nest	114	26.2	29.3	28.3	16.3	6.9	
4-Apr-14	4707	4708	10R2L	Nest	114	25.1	28.3	25.9	15.3	5.6	
4-Apr-14	4709	4710	10R2L	Nest	114	26.1	28.8	26.4	15.1	5.9	
4-Apr-14	4711		10R2L	Nest	114	27.1	29.4	26.5	15.5	6.2	
4-Apr-14	4712	4713	10R2L	Nest	114	26.4	29.5	27.2	16.3	6.6	
4-Apr-14	4714	4715	10R2L	Nest	114	23.8	26.6	25.4	14.6	5.3	ANO V5
4-Apr-14	4716		10R2L	Nest	16	24.4	27.9	25.3	15.5	5.9	
4-Apr-14	4717	4718	10R2L	Nest	16	25.6	29.5	26.6	15.4	6.2	
4-Apr-14	4719	4720	10R2L	Nest	16	25.0	28.6	25.9	15.5	5.7	
4-Apr-14	4721		10R2L	Nest	16	25.3	28.8	25.7	16.0	6.3	
4-Apr-14	4722	4723	10R2L	Nest	16	25.8	29.6	27.2	15.9	6.5	
4-Apr-14	4724	4725	10R2L	Nest	16	25.8	29.3	26.4	15.5	5.9	
4-Apr-14	4726		10R2L	Nest	16	23.9	27.6	25.1	15.9	5.7	
4-Apr-14	4727	4728	10R2L	Nest	16	26.2	29.5	25.9	15.0	6.0	
4-Apr-14	4729	4730	10R2L	Nest	16	25.0	28.8	24.7	15.9	5.8	26 marginals
4-Apr-14	4731		10R2L	Nest	16	24.8	28.7	25.2	15.3	5.8	
4-Apr-14	4732	4733	10R2L	Nest	16	25.3	28.9	25.3	16.0	6.2	
4-Apr-14	4734	4735	10R2L	Nest	16	24.9	28.1	27.0	15.7	6.0	
4-Apr-14	4736		10R2L	Nest	133	26.8	29.7	28.9	15.4	7.8	
4-Apr-14	4737	4738	10R2L	Nest	133	27.3	31.5	28.2	15.8	7.6	ANO V5, B37 38
4-Apr-14	4739	4740	10R2L	Nest	133	27.6	31.8	28.7	15.7	7.4	13 marginals right side
4-Apr-14	4741		10R2L	Nest	133	26.7	31.5	27.8	15.8	6.6	28 marginals
4-Apr-14	4742	4743	10R2L	Nest	133	28.9	32.9	28.6	16.8	8.0	26 marginals
4-Apr-14	4744	4745	10R2L	Nest	133	25.8	30.1	26.5	15.4	6.5	26 marginals

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4746		10R2L	Nest	133	27.7	30.7	28.9	16.5	7.5	14 marginals right side, ANO V5
4-Apr-14	4747	4748	10R2L	Nest	133	28.1	30.3	28.5	15.2	7.0	ANO V5
4-Apr-14	4749	4750	10R2L	Nest	132	26.1	32.0	29.3	15.4	7.2	ANO V1-5, 26 marginals
4-Apr-14	4751		10R2L	Nest	132	28.2	32.1	27.9	15.9	7.1	ANO V4 V5, 26 marginals
4-Apr-14	4753		10R2L	Nest	132	26.1	28.2	25.1	13.9	5.2	ANO V1-V5, 26 marginals
4-Apr-14	4754	4755	10R2L	Nest	132	21.3	25.8	24.5	13.4	4.7	11 marginals right side
4-Apr-14	4756	4757	10R2L	Nest	132	24.0	27.7	24.5	14.0	5.0	ANO V3-5, 13 marginals right, 14 marginals left
4-Apr-14	4758		10R2L	Nest	122	29.2	31.8	28.7	17.0	8.1	ANO V5
4-Apr-14	4759	4760	10R2L	Nest	122	28.9	31.9	27.8	17.0	7.6	ANO V4 V5
4-Apr-14	4761	4762	10R2L	Nest	122	25.0	27.8	25.6	15.2	5.4	ANO V5 V4
4-Apr-14	4763		10R2L	Nest	122	29.6	32.4	29.1	17.0	8.2	ANO RC LC
4-Apr-14	4764	4765	10R2L	Nest	122	27.8	31.1	28.1	17.2	7.5	ANO V5
4-Apr-14	4766	4767	10R2L	Nest	122	23.4	26.5	24.3	14.3	4.8	
4-Apr-14	4768		10R2L	Nest	49	22.8	26.0	22.6	14.7	4.4	
4-Apr-14	4769	4770	10R2L	Nest	49	22.4	25.0	23.2	14.7	4.5	
4-Apr-14	4771	4772	10R2L	Nest	105	28.6	31.3	29.7	15.6	7.4	13 marginals right
4-Apr-14	4773		10R2L	Nest	105	27.1	30.4	26.7	15.5	6.6	
4-Apr-14	4774	4775	10R2L	Nest	105	27.4	29.7	27.2	16.1	6.7	ANO V5
4-Apr-14	4776	4777	10R2L	Nest	105	29.0	31.1	28.1	15.5	7.2	
4-Apr-14	4778		10R2L	Nest	105	25.7	27.5	26.0	15.1	5.6	
4-Apr-14	4779	4780	10R2L	Nest	105	26.8	29.1	28.3	14.9	6.3	
4-Apr-14	4781	4782	10R2L	Nest	105	26.9	30.3	27.7	15.9	6.8	
4-Apr-14	4783		10R2L	Nest	105	27.0	28.9	26.5	15.1	6.2	
4-Apr-14	4784	4785	10R2L	Nest	105	28.5	29.9	28.4	15.2	6.8	
4-Apr-14	4786	4787	10R2L	Nest	105	27.3	30.2	27.9	16.2	7.0	
4-Apr-14	4788		10R2L	Nest	105	26.7	29.3	27.2	15.5	6.4	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4789	4790	10R2L	Nest	48	29.2	32.1	28.7	16.8	8.2	ANO V5 A-PL
4-Apr-14	4791		10R2L	Nest	48	28.3	30.6	27.1	16.5	7.9	A-PL
4-Apr-14	4793		10R2L	Nest	48	28.7	31.5	27.6	16.5	8.2	A-PL
4-Apr-14	4794	4795	10R2L	Nest	48	29.3	30.5	26.7	16.6	7.9	26 marginals, ANO V5
4-Apr-14	4796	4797	10R2L	Nest	48	29.4	32.6	29.3	16.3	8.2	A-PL
4-Apr-14	4798		10R2L	Nest	48	28.6	32.0	27.2	16.8	8.2	A-PL
4-Apr-14	4799	4800	10R2L	Nest	48	29.0	29.9	28.4	16.6	7.5	
4-Apr-14	4801	4802	10R2L	Nest	48	29.9	32.5	29.0	16.5	8.4	
4-Apr-14	4803	4804	10R2L	Nest	48	29.7	33.2	29.2	16.2	8.4	
4-Apr-14	4806	4807	10R2L	Nest	48	28.4	31.3	26.9	16.3	7.8	
4-Apr-14	4808		10R2L	Nest	2	27.5	32.7	27.8	15.9	7.9	
4-Apr-14	4809	4811	10R2L	Nest	2	27.9	32.2	29.3	15.4	7.6	26 marginals
4-Apr-14	4813		10R2L	Nest	2	27.1	31.3	28.4	16.0	7.3	13 marginals left side
4-Apr-14	4814	4815	10R2L	Nest	2	27.6	32.6	29.2	15.8	7.7	
4-Apr-14	4816		10R2L	Nest	2	28.9	33.0	29.7	16.0	8.5	
4-Apr-14	4818		10R2L	Nest	2	28.4	32.4	28.3	16.1	8.0	
4-Apr-14	4819	4820	10R2L	Nest	2	28.4	32.8	28.7	16.7	8.3	
4-Apr-14	4821	4822	10R2L	Nest	2	26.8	32.2	28.1	16.6	7.6	
4-Apr-14	4823		10R2L	Nest	2	27.2	31.4	28.3	16.0	7.2	
4-Apr-14	4824	4825	10R2L	Nest	2	28.6	32.0	29.2	15.9	8.1	
4-Apr-14	4826	4827	10R2L	Nest	2	28.6	33.1	28.4	16.4	8.1	
4-Apr-14	4828		10R2L	Nest	10	26.7	29.6	26.7	14.8	5.9	
4-Apr-14	4829	4830	10R2L	Nest	10	25.6	29.5	25.9	14.5	5.7	
4-Apr-14	4831	4832	10R2L	Nest	10	24.9	28.2	26.1	14.4	5.6	
4-Apr-14	4833		10R2L	Nest	10	26.3	29.8	27.0	14.6	6.2	
4-Apr-14	4834	4835	10R2L	Nest	10	26.4	29.9	26.2	14.8	5.7	

Date	ID1	ID2	Notch ID	MOC	Nest Number	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	Comments
4-Apr-14	4836	4837	10R2L	Nest	10	25.9	29.3	26.4	14.2	5.6	26 marginals
4-Apr-14	4838		10R2L	Nest	10	27.0	30.8	27.2	14.9	6.1	
4-Apr-14	4839	4840	10R2L	Nest	10	26.0	29.1	25.4	14.1	5.3	ANO V3-V5, 26 marginals
4-Apr-14	4841	4842	10R2L	Nest	10	25.7	30.1	26.9	14.6	5.9	
4-Apr-14	4843		10R2L	Nest	70	27.4	30.3	26.3	15.8	6.8	
4-Apr-14	4844	4845	10R2L	Nest	70	27.3	31.4	27.9	15.9	6.8	
4-Apr-14	4846	4847	10R2L	Nest	70	27.9	31.0	29.2	16.1	7.3	
4-Apr-14	4848		10R2L	Nest	70	27.9	31.3	26.9	16.3	7.2	
4-Apr-14	4849	4850	10R2L	Nest	70	25.9	29.0	26.1	15.6	6.1	
4-Apr-14	4851	4852	10R2L	Nest	70	27.5	30.5	26.5	16.0	6.8	
4-Apr-14	4853		10R2L	Nest	70	27.6	30.5	27.3	15.7	6.9	
4-Apr-14	4854	4855	10R2L	Nest	70	24.8	28.8	24.4	15.5	6.0	
4-Apr-14	4856	4857	10R2L	Nest	70	27.2	31.1	27.5	15.7	6.8	
4-Apr-14	4858		10R2L	Nest	126	25.8	31.2	27.6	15.9	7.2	
4-Apr-14	4859	4860	10R2L	Nest	126	24.0	29.2	26.3	16.1	6.9	
4-Apr-14	4861	4862	10R2L	Nest	126	26.7	32.7	28.9	15.7	7.9	
4-Apr-14	4863		10R2L	Nest	126	25.2	29.8	26.6	15.6	6.6	
4-Apr-14	4864	4865	10R2L	Nest	126	27.0	31.2	27.7	16.2	8.1	
4-Apr-14	4866	4867	10R2L	Nest	126	24.3	29.0	25.9	14.3	5.8	
4-Apr-14	4868		10R2L	Nest	126	25.5	30.5	26.4	15.7	6.5	
4-Apr-14	4869	4870	10R2L	Nest	126	25.2	29.5	24.7	15.1	6.6	Dead
4-Apr-14	4871	4872	10R2L	Nest	126	26.0	31.6	27.5	15.0	7.0	
4-Apr-14	4622	4623	10R2L	Nest	126	24.8	29.6	25.9	14.9	6.3	
4-Apr-14	4624		10R2L	Nest	126	25.5	28.7	25.1	14.7	6.0	
4-Apr-14			10R2L	Nest	126	25.6	29.1	25.2	15.5	7.1	Dead
4-Apr-14	4625	4626	10R2L	Nest	95	20.1	24.4	22.0	13.8	3.7	ANO V5

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
7-Apr-14	4C34471008	1R	F	74.3	87.5	69.8	38.5	119	2013	NAIB
7-Apr-14	4C37245370	1R 2R	F	76.5	90.0	71.0	42.1	138	2013	NAIB, ANO V1
7-Apr-14	4C353B686F	1R	J	73.9	85.8	70.3	37.5	106	2013	NAIB
7-Apr-14	4C34400F42	2R 10L	F	79.0	93.8	73.8	39.6	131	2013	NAIB
7-Apr-14	4C367F6340	1R	F	82.0	90.2	76.4	38.7	137	2013	NAIB
7-Apr-14	4C33572175	2R 10L	J	72.9	87.4	72.6	35.3	98	2013	NAIB
7-Apr-14	4C362F417A	2R 10L	F	89.5	104.3	85.4	45.0	217	2013	NAIB, ANO V5
7-Apr-14	4C337D6E60	2R 10L	J	72.5	85.5	70.7	33.8	97	2013	NAIB
7-Apr-14	4C33794962	2R 10L	J	69.8	79.8	63.5	32.0	74	2013	NAIB
7-Apr-14	4C35735F29	2R 10L	F	91.2	104.5	79.3	40.5	156	2013	NAIB
7-Apr-14	4C34587870	2R 9R	J	53.9	62.7	50.0	28.3	39	2013	NAIB
7-Apr-14	4C362E773D	2R 10L	J	62.8	77.6	63.6	34.3	85	2013	NAIB
7-Apr-14	4C394D5835	2R 10L	F	104.5	119.8	94.5	47.6	252	2013	NAIB
7-Apr-14	4C366D543B	2R 9R	J	61.3	73.7	56.6	30.3	61	2013	NAIB
7-Apr-14	4C33610920	2R 9R	F	83.6	95.3	77.4	40.2	128	2013	NAIB
7-Apr-14	4C36614A76	2R 9R	F	88.8	102.5	81.3	41.2	155	2013	NAIB
7-Apr-14	0A140A5461	2R 10L	F	74.0	87.6	69.4	36.7	106	2013	NAIB
7-Apr-14	4C397B6E76	9L	F	76.1	90.2	74.2	39.2	123	2013	NAIB
7-Apr-14	4C351D786D	2R 9R	F	98.8	111.3	89.1	45.6	200	2013	NAIB
7-Apr-14	4C356F486D	2R 10L	F	87.7	103.7	82.0	41.2	156	2013	NAIB
7-Apr-14	0A140A5530	2R 10L	F	89.8	104.7	83.9	41.9	177	2013	NAIB
7-Apr-14	4C35547D76	2R 10L 11L	J	56.3	68.1	52.4	29.4	51	2013	NAIB
7-Apr-14	4C36274319	2R 9R	F	84.5	90.9	83.0	40.1	153	2013	NAIB
7-Apr-14	4C361A1C61	2R 10L	F	79.4	91.4	71.7	38.4	124	2013	NAIB
7-Apr-14	4C35021302	2R 9R	F	76.3	87.1	73.1	37.0	112	2013	NAIB
7-Apr-14	4C35377969	2L 9L	J	74.3	86.2	76.7	37.4	143	2013	NAIB, ANO V5

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
7-Apr-14	0A140A5512	2R 10L	F	94.7	110.4	88.5	44.4	204	2013	NAIB
7-Apr-14	4C37621971	9L	J	47.6	55.4	46.7	25.3	31	2013	NAIB
7-Apr-14	4C39145B6C	2L 9L	J	67.3	77.2	64.5	31.1	77	2013	NAIB, 26 MARGINALS
7-Apr-14	4C35250845	9R	J	89.6	101.7	83.0	42.3	156	2013	NAIB
7-Apr-14	0A140A5514	2L 9L	F	87.3	97.3	82.8	42.8	168	2013	NAIB
7-Apr-14	4C397E2368	9L	J	72.2	83.9	68.0	34.8	98	2013	NAIB
7-Apr-14	4C342C272A	9L	J	56.4	65.8	53.1	29.8	50	2013	NAIB
7-Apr-14	4C37216002	9L	J	66.6	78.2	61.8	33.8	77	2013	NAIB
7-Apr-14	4C347C7603	9L	J	59.5	69.0	57.2	29.8	61	2013	NAIB
7-Apr-14	4C353A7A31	2R 10L	J	78.0	91.6	73.0	36.9	112	2013	NAIB
7-Apr-14	4C36110F2C	9L	J	75.2	83.7	69.7	36.9	107	2013	NAIB
7-Apr-14	4C37274149	9L	J	64.6	75.6	61.1	33.2	72	2013	NAIB
7-Apr-14	4C35653712	2L 9L	J	74.3	80.9	70.7	37.9	113	2013	NAIB, ANO V5
7-Apr-14	4C393F465E	9L	J	89.3	103.8	83.9	43.3	176	2013	NAIB
7-Apr-14	4C33531861	2L 9L	J	66.3	78.6	63.3	33.2	85	2013	NAIB
7-Apr-14	4C36420019	2L 9L	F	96.7	109.8	90.7	44.2	223	2013	NAIB
7-Apr-14	4C36575553	9L	F	101.1	114.9	93.4	49.6	230	2013	NAIB
7-Apr-14	4C35121F32	2L 9L	J	77.5	91.9	75.1	37.8	130	2013	NAIB, ANO V5 26 MARGINALS
7-Apr-14	4C36723631	12L	J	85.3	100.0	84.3	41.9	169	2013	SOUTH RIVER HIGH SCHOOL
7-Apr-14	4C350D5749	2R	J	85.4	99.0	85.3	41.3	172	2013	SOUTH RIVER HIGH SCHOOL
7-Apr-14	4C357C5F01	2R 10L	J	78.8	94.3	76.0	41.0	140	2013	SHIPLEYS CHOICE
7-Apr-14	4C35543B21	2R 10L	J	59.4	67.7	56.8	29.2	57	2013	TRACYS ELEMENTARY
7-Apr-14	4C395F515B	9R	J	59.7	65.6	54.4	30.6	52	2013	TRACYS ELEMENTARY
7-Apr-14	4C346C566C	9R	F	81.0	92.0	77.2	41.7	137	2013	SHIPLEYS CHOICE
7-Apr-14	4C37547838	2R 10L	J	72.9	86.3	72.9	38.6	125	2013	WOODSIDE ES
7-Apr-14	4C35163076	12R	J	81.9	92.3	78.5	38.7	140	2013	WOODSIDE ES
7-Apr-14	4C39630819	2R	F	82.1	96.0	83.4	39.7	157	2013	WOODSIDE ES

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
7-Apr-14	4C36726F53	3R	J	85.9	92.3	84.2	41.2	161	2013	WOODSIDE ES
7-Apr-14	4C37706522	3R	F	85.2	96.6	77.1	40.8	150	2013	EDGEWATER
7-Apr-14	4C36077F2F	8R	J	71.6	84.3	70.1	34.0	94	2013	EDGEWATER
7-Apr-14	4C37531461	8L	F	91.4	104.1	82.9	44.1	174	2013	SEVERNA PARK HIGH SCHOOL
7-Apr-14	4C3601296D	12R	F	89.4	102.8	84.1	43.7	171	2013	SEVERNA PARK HIGH SCHOOL
7-Apr-14	4C36293B67	12R	J	78.5	88.1	73.5	38.8	123	2013	SEVERNA PARK HIGH SCHOOL
7-Apr-14	4C355D2279	8L	J	75.0	85.3	70.8	36.7	102	2013	SEVERNA PARK HIGH SCHOOL, FOOT ABRASIONS
7-Apr-14	4C3403647B	10R	F	86.2	98.4	76.5	42.6	168	2013	SOUTHERN MIDDLE, ANO V5
7-Apr-14	4C37726248	2R 10L	J	75.3	88.2	72.7	38.0	120	2013	SOUTHERN MIDDLE
7-Apr-14	4C31185642	2R 10L	J	81.2	95.8	94.7	41.3	136	2013	SEVERN RIVER MS
7-Apr-14	4C34694941	9R	F	94.3	106.3	87.6	45.1	188	2013	SEVERN RIVER MS, ANO V5
7-Apr-14	4C3517022B	2R	F	84.5	98.1	81.9	43.0	176	2013	SEVERN RIVER MS
7-Apr-14	4C372A726C	2R 2L	J	82.5	96.0	78.4	40.0	152	2013	GLENN BURNIE HS
7-Apr-14	4C350D6A4B	8R	J	75.8	90.2	75.7	38.0	133	2013	GLENN BURNIE HS
7-Apr-14	4C3751401B	8L	F	94.8	110.5	91.6	47.4	226	2013	SEVERN RIVER MS
7-Apr-14	4C376C7266	8L	J	69.6	83.1	65.7	37.1	97	2013	NORTHEAST HS
7-Apr-14	4C3433064E	9R	J	82.4	95.7	76.8	41.7	147	2013	NORTHEAST HS
7-Apr-14	4C337F1471	3R	J	69.1	80.0	66.0	36.7	100	2013	CROFTON ES
7-Apr-14	4C22306373	11L	J	71.9	85.7	70.4	37.9	114	2013	CROFTON ES
7-Apr-14	4C392D7125	11R	J	58.8	67.4	53.3	31.2	58	2013	JESSUP ES
7-Apr-14	4C35747A6C	3R 3L	J	54.1	61.3	52.4	30.3	55	2013	JESSUP ES
7-Apr-14	4C3975151F	8R	J	47.9	54.7	48.3	24.2	35	2013	MAGOTHY RIVER MS
7-Apr-14	4C3650771B	10R	J	55.8	61.8	52.2	27.8	50	2013	MANOR VIEW ES
7-Apr-14	4C3624315A	3L	F	107.1	121.2	94.8	51.8	320	2013	SOLLEY ES, ANO V5
7-Apr-14	4C370A4206	12R	F	98.2	108.1	92.8	95.9	245	2013	SOLLEY ES
7-Apr-14	4C37057A15	2L	J	76.3	84.6	73.0	38.3	126	2013	SOLLEY ES
7-Apr-14	4C3573064B	11R	F	87.6	99.6	80.5	41.3	174	2013	SOLLEY ES

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
7-Apr-14	4C39482829	2R	J	46.7	54.4	46.1	25.4	33	2013	MARLEY MS
7-Apr-14	4C367C1D5F	3R 3L	J	49.4	57.7	48.9	27.9	38	2013	MARLEY MS
7-Apr-14	4C36360D70	8L	J	68.2	78.4	65.1	35.1	83	2013	ROLLING KNOLLS ES
7-Apr-14	4C35084335	12R	J	38.8	44.5	39.2	21.2	22	2013	ROLLING KNOLLS, ANO V1-5
7-Apr-14	4C362E3C15	3R	F	86.9	97.4	80.5	43.3	174	2013	BELLE GROVE ES
7-Apr-14	4C35725076	12L	F	84.9	96.1	82.0	42.2	176	2013	BELLE GROVE ES
7-Apr-14	4C354C680A	3R	J	62.0	73.2	58.3	33.0	72	2013	BENFIELD ES
7-Apr-14	4C39303B0D	11R	J	60.2	70.6	55.6	32.2	62	2013	BENFIELD ES
7-Apr-14	4C39397903	10L	J	74.5	86.2	70.4	30.3	123	2013	OLD MILL HS
7-Apr-14	4C395E1221	9R	J	73.1	84.4	68.3	38.3	107	2013	OLD MILL HS
7-Apr-14	4C39570432	1L	J	58.9	66.1	56.9	31.1	54	2013	ANNAPOLIS HS
7-Apr-14	4C36103B5F	8R	J	46.6	61.2	52.0	28.3	42	2013	ANNAPOLIS HS
7-Apr-14	4C3612190F	12L	J	56.9	67.6	55.6	33.2	60	2013	AREUNDEL MS
7-Apr-14	4C35492A5F	12L	J	63.9	74.8	62.8	32.8	79	2013	MAGOTHY RIVER MS
7-Apr-14	4C34692D21	3L 3R	J	65.3	75.7	64.2	35.6	81	2013	OAK HILL ES
7-Apr-14	4C336E4C48	10R	J	63.3	73.3	59.6	32.2	72	2013	OAK HILL ES
7-Apr-14	4C351F4954	10R	F	77.7	92.3	76.0	40.2	139	2013	VAN BOKKELEN ES
7-Apr-14	4C39413F19	2R 10L	J	71.4	85.0	68.1	37.4	105	2013	VAN BOKKELEN ES
7-Apr-14	4C346F7A40	8L	F	72.6	87.5	70.1	39.1	114	2013	PINEY ORCHARD
8-Apr-14	0A13091355	2R	F	79.9	93.5	79.8	38.3	152	2013	CHESAPEAKE BAY MS
8-Apr-14	0A1309141F	12R	J	63.5	71.7	60.8	31.3	78	2013	CHESAPEAKE BAY MS, ANOV5
8-Apr-14	4B045A104C	9R	J	68.3	82.2	64.7	33.4	86	2013	RH LEE ES
8-Apr-14	0A1309142E	2R 10L	J	66.3	78.3	65.7	33.5	89	2013	RH LEE ES
8-Apr-14	0A1309134D	11R	J	59.4	67.2	55.5	31.0	62	2013	CHESAPEAKE BAY MS
8-Apr-14	4C34454F23	2R 2L	J	57.2	69.8	55.0	30.1	55	2013	CHESAPEAKE BAY MS
8-Apr-14	4C37332244	12L	F	70.6	81.2	67.8	35.1	102	2013	AREUNDEL MS
8-Apr-14	4C33463050	2R	J	67.1	78.5	64.5	32.2	81	2013	AREUNDEL MS

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
8-Apr-14	4C397C2D67	3R 3L	J	61.5	69.0	67.9	62.3	63	2013	RIVIERA BEACH ES
8-Apr-14	4C364C1562	10R	J	58.5	68.0	54.3	30.0	60	2013	RIVIERA BEACH ES, ANO V3 V4
8-Apr-14	4C35006E1E	12L	J	61.6	71.2	64.5	30.0	71	2013	RIDGEWAY SCOGGINS
8-Apr-14	4C37591B1A	3R 3L	J	77.2	87.2	71.9	39.1	122	2013	PINEY ORCHARD
8-Apr-14	4C36164B30	2R	F	88.5	100.2	84.8	41.6	186	2013	OLD MILL SOUTH
8-Apr-14	4C354F6425	10R	F	78.8	90.9	79.2	38.1	156	2013	OLD MILL SOUTH
8-Apr-14	4C355C3B76	2R 2L	F	97.6	114.6	90.6	45.9	230	2013	HILLTOP ES
8-Apr-14	4C35577B2B	11R	F	106.8	119.8	93.4	46.5	262	2013	HILLTOP ES
8-Apr-14	4C361D1E2A	12L	J	64.4	75.1	64.8	33.9	7	2013	BELVEDERE ES
8-Apr-14	4C35175B49	2R 2L	J	64.8	76.8	63.5	34.8	79	2013	BELVEDERE ES
8-Apr-14	4C3973242A	11R	J	54.1	61.9	50.0	27.2	42	2013	HEB-HAR ES
8-Apr-14	4C3522507B	2R 2L	J	52.7	62.3	51.3	26.7	44	2013	HEB-HAR ES
8-Apr-14	4C365D3B71	8R	F	91.4	106.6	90.3	44.6	207	2013	BODKIN ES
8-Apr-14	4C3365780B	2R 2L	F	94.7	109.1	90.0	47.3	221	2013	BODKIN ES
8-Apr-14	4C37412B5C	11R	J	92.6	104.8	85.3	41.9	180	2013	BODKIN ES
8-Apr-14	4C36020462	3R	F	96.0	104.9	88.8	44.7	201	2013	BODKIN ES
8-Apr-14	4C35060144	3R 3L	J	66.8	75.9	65.1	34.0	87	2013	MARYLAND CITY ES
8-Apr-14	4C363D221C	10R	J	63.3	75.2	63.1	32.5	81	2013	MARYLAND CITY ES, ANO V5
8-Apr-14	4C35721C53	12L	J	62.4	72.6	62.3	31.4	77	2013	JONES ES
8-Apr-14	4C37714F47	2R	J	58.7	68.6	58.6	30.3	67	2013	JONES ES
8-Apr-14	4C355F4B01	11R	F	99.1	114.9	91.2	44.2	230	2013	ARNOLD ES
8-Apr-14	4C35100559	2L	F	94.1	108.3	87.4	45.8	224	2013	ARNOLD ES
8-Apr-14	4C335E0301	2R	J	58.8	68.6	57.4	28.9	58	2013	SEVEN OAKS ES
8-Apr-14	4C1E165371	8L	J	57.5	66.2	53.7	31.5	53	2013	SEVEN OAKS ES
8-Apr-14	4C343B6D32	2R 2L	F	90.1	103.8	87.0	44.9	201	2013	GREEN SCHOOL OF BALTIMORE
8-Apr-14	4C35255F4F	11R	F	93.4	103.3	85.4	43.9	196	2013	GREEN SCHOOL OF BALTIMORE
8-Apr-14	4C35434144	3L 3R	J	68.1	78.7	64.5	35.6	95	2013	MEADE MS

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
8-Apr-14	4C35545C56	10R	J	65.4	78.5	64.8	32.6	90	2013	MEADE MS
8-Apr-14	4C371A4C02	2R 10L	F	82.6	97.8	81.1	41.4	163	2013	QUARTER FIELD ES
8-Apr-14	4C34533471	9R	F	87.1	100.1	79.8	43.2	171	2013	QUARTER FIELD ES
8-Apr-14	4C3450397D	2R 10L	J	75.0	83.2	71.6	35.1	106	2013	RUTH EASON
8-Apr-14	4C363C7C67	9R	J	95.4	107.5	95.6	44.8	209	2013	RUTH EASON
8-Apr-14	4C37065D68	11R	J	81.2	92.3	75.1	38.0	137	2013	CHESAPEAKE BAY MS
8-Apr-14	4C37763077	2R	J	66.4	75.0	64.4	32.2	81	2013	LINDALE MS
8-Apr-14	4C34101F31	11R	J	68.5	79.2	62.3	32.6	85	2013	LINDALE MS, ANO V5
8-Apr-14	4C34012B2E	12L	J	75.9	87.6	73.9	38.1	125	2013	CHESAPEAKE BAY MS
8-Apr-14	4C36551C28	3R 3L	J	65.2	73.9	64.2	33.2	81	2013	NORTH COUNTY HS, ANO LC
8-Apr-14	4C33795D06	9R	J	74.5	87.8	69.5	37.6	113	2013	OVERLOOK ES
8-Apr-14	4C33696A1A	8R	J	70.7	85.3	72.1	35.0	105	2013	GEORGE FOX MS
8-Apr-14	4C365A117F	2R 2L	J	68.3	80.6	67.3	33.2	85	2013	GEORGE FOX MS
8-Apr-14	4C3668645E	3R	J	90.7	99.4	82.8	44.1	186	2013	BATES MS
8-Apr-14	4C3628026B	1R	J	56.3	64.7	63.5	29.3	55	2013	ODENTON
8-Apr-14	4C397B7C3C	2R 10L	J	71.6	82.7	70.1	34.9	101	2013	OVERLOOK ES
8-Apr-14	4C337D7913	10L	J	72.9	88.2	72.7	38.6	116	2013	ODENTON
8-Apr-14	4C370E566E	2R 2L	J	78.9	94.0	78.4	41.9	151	2013	BATES MS
8-Apr-14	4C36652E1A	8R	J	86.6	102.3	86.6	42.6	192	2013	CROFTON WOODS
8-Apr-14	4C377A075C	3R	J	100.3	113.5	91.6	45.8	244	2013	HILLSMERE ES
8-Apr-14	4C3514506B	2R 2L	J	72.8	84.0	71.9	36.7	108	2013	HILLSMERE ES
8-Apr-14	4C37567520	11R	J	70.8	84.6	68.9	35.0	101	2013	DAVIDSONVILLE ES
8-Apr-14	4C363A4B7C	3R	J	89.2	102.2	83.2	42.8	183	2013	DAVIDSONVILLE ES
8-Apr-14	4C370A6E59	8R	J	82.6	97.1	82.7	41.3	161	2013	BROOKLYN PARK MS
8-Apr-14	4C3733684F	11R	J	86.1	102.2	79.9	40.6	168	2013	OVERLOOK ES
8-Apr-14	4C34140626	2R	J	64.9	74.9	61.3	32.3	82	2013	OVERLOOK ES
8-Apr-14	4C38687138	10R	J	67.4	78.5	64.1	34.3	89	2013	BROOKLYN PARK MS

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
8-Apr-14	4C34411063	12L	J	78.3	92.9	79.3	40.7	156	2013	DAVIDSONVILLE ES
8-Apr-14	4C3572696E	2R 2L	J	81.6	96.7	77.7	39.8	140	2013	DAVIDSONVILLE ES
8-Apr-14	4C35373778	11R	J	77.5	90.2	73.1	36.2	124	2013	CENTER OF APPLIED TECH
8-Apr-14	4C39381412	3R	J	78.6	89.4	72.2	35.1	112	2013	CENTER OF APPLIED TECH
8-Apr-14	4C393F677E	8R	J	74.8	87.0	73.1	35.6	110	2013	SOUTHERN HIGH
8-Apr-14	4C36296954	3R	J	65.0	84.3	58.9	32.7	79	2013	CHESAPEAKE BAY MS
8-Apr-14	4C3931573F	12L	J	49.8	60.7	49.4	27.4	45	2013	CHESAPEAKE BAY MS
8-Apr-14	4C26351333	12R	J	72.0	78.6	68.8	34.6	98	2013	FREETOWN
8-Apr-14	4C36373903	8L	J	75.0	86.8	71.6	36.4	108	2013	SEVERNA PARK ES
8-Apr-14	4C3523590A	9R	J	67.6	79.9	64.4	31.7	82	2013	SEVERNA PARK ES
8-Apr-14	4C3553184A	2R 10L	J	70.3	85.0	68.1	33.9	103	2013	SEVERNA PARK ES
8-Apr-14	4C35444E70	2R	J	66.7	77.0	63.6	31.9	84	2013	SEVERNA PARK ES
8-Apr-14	4C352D7D2F	8R	J	50.1	61.7	49.9	27.3	45	2013	SEVERNA PARK ES
8-Apr-14	4C35721702	8L	J	59.1	72.1	58.2	31.6	70	2013	FREETOWN
8-Apr-14	4C344B4A26	12R	J	50.5	58.3	50.0	27.2	43	2013	OLD MIDDLE SOUTH
8-Apr-14	4C36565547	8R	J	67.2	79.6	65.7	31.3	85	2013	OLD MIDDLE SOUTH
8-Apr-14	4C3949707C	3R	J	49.0	57.0	45.9	25.1	35	2013	CORKRAN
8-Apr-14	4C335D2D19	10L	F	92.7	105.5	87.4	45.3	214	2013	CORKRAN
8-Apr-14	4C34012546	11R	J	77.8	90.3	72.9	37.5	124	2013	OAKWOOD ES
8-Apr-14	4C36442D0E	3R	J	82.0	96.6	77.4	40.9	152	2013	CAPE ST CLAIRE
8-Apr-14	4C33744745	2L 2R	J	65.0	77.8	60.7	32.7	80	2013	CAPE ST CLAIRE
8-Apr-14	4C34105419	8L	J	70.6	81.1	63.3	34.9	94	2013	MEADE HEIGHTS
8-Apr-14	4C344C621C	1R	J	69.0	80.0	68.5	34.2	93	2013	MEADE HEIGHTS
8-Apr-14	4C3602515C	12R	J	62.9	74.7	61.8	31.5	72	2013	OAKWOOD ES
8-Apr-14	4C36384169	8L	J	69.2	82.0	69.3	35.1	103	2013	SOUTH SHORE
8-Apr-14	4C36526C53	12R	J	63.7	72.1	56.7	31.0	65	2013	SOUTH SHORE
8-Apr-14	4C396A522F	3R 3L	J	68.5	77.7	66.2	34.9	91	2013	WEST ANNAPOLIS

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
8-Apr-14	4C38055B70	11L	J	72.4	84.0	68.0	34.8	105	2013	WEST ANNAPOLIS
8-Apr-14	4C37087028	12L	J	63.0	75.7	61.0	33.7	80	2013	TERRAPIN ADVENTURE
8-Apr-14	4C36612773	11R	J	62.8	72.0	57.3	32.4	67	2013	TERRAPIN ADVENTURE
8-Apr-14	4C395F7A09	2R 2L	J	70.0	84.8	71.0	36.0	104	2013	FOLGER MCKINSEY
8-Apr-14	4C37315A61	11L	J	66.8	75.9	62.6	33.5	90	2013	FOLGER MCKINSEY
8-Apr-14	4C3574030D	8R	J	68.7	78.6	67.5	35.9	100	2013	MANOR VIEW ES
8-Apr-14	4C3701663B	1L	J	44.5	47.9	40.2	22.5	22	2013	ANNAPOLIS MS
8-Apr-14	4C340C273D	3R 3L	J	67.8	74.8	65.9	34.7	89	2013	ANNAPOLIS MS
9-Apr-14	4C37314A1F	2L 2R 10R	J	53.6	63.3	51.8	28.7	49	2013	SEVERNA PARK MS
9-Apr-14	4C340B580D	3L 10L	J	45.8	52.2	43.2	24.9	30	2013	MES HEADQUARTERS, ANO V5
9-Apr-14	4C360C066A	2L 10L 2R	J	51.9	61.7	51.5	28.8	48	2013	MES HEADQUARTERS, ANO V5
9-Apr-14	4C35034232	11L 2R 11R	J	53.4	62.3	49.6	28.3	45	2013	MES HEADQUARTERS
9-Apr-14	4C34685F05	3R	J	68.1	76.6	62.9	33.4	86	2013	MES HEADQUARTERS, ANO V1
9-Apr-14	4C35796D50	2L 10R	J	44.9	52.6	43.4	23.5	27	2013	MES HEADQUARTERS
9-Apr-14	4C37153246	3R 10R	J	55.7	65.9	52.2	30.0	51	2013	MES HEADQUARTERS
9-Apr-14	4C34786819	3L 10L	J	73.3	86.8	71.5	36.8	108	2013	CHUPTAUK ES
9-Apr-14	4C357D343E	1L	J	40.6	47.3	43.7	22.9	25	2013	MES HEADQUARTERS, KYOPHOTIC ANO V1-5
9-Apr-14	4C11185308	2L 10L 2R	J	71.2	79.8	69.5	36.6	97	2013	CHUPTAUK ES, ANO V5
9-Apr-14	4C372B016B	3R 10R	F	95.2	108.3	89.0	47.2	211	2013	SMM HS
9-Apr-14	4C340F7F0F	2L 10R	J	77.7	88.4	75.2	38.3	127	2013	SMM HS, ANO V5
9-Apr-14	4C36290168	3L 10L	J	74.2	88.1	74.8	38.0	117	2013	MMS
9-Apr-14	4C35505C5A	3R 10R	J	75.5	86.6	73.7	37.9	108	2013	MMS
9-Apr-14	4C350B2B7A	2L 10R	J	83.8	96.3	80.4	40.1	148	2013	MAPLE ES, ANO V5
9-Apr-14	4C347B186E	11L 2R 11R	J	93.5	103.9	87.1	45.0	185	2013	MAPLE ES
9-Apr-14	4C397F706C	1L	J	84.8	94.1	82.2	44.2	163	2013	POPLAR ISLAND
9-Apr-14	4C393E447E	2R 2L 10L	F	84.9	95.5	84.1	43.6	168	2013	POPLAR ISLAND
9-Apr-14	4C373F733B	10R	F	96.9	109.0	91.3	48.7	226	2013	POPLAR ISLAND

Date	PIT ID	Notch ID	Sex	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	DOB	Comments
9-Apr-14	4C3710606D	2R 9R	J	79.8	91.4	75.3	40.7	127	2013	POPLAR ISLAND
9-Apr-14	4C33684E17	3L 10L	J	68.8	81.1	67.1	36.4	96	2013	CHURCH HILL ES
9-Apr-14	4C340F6737	2L 10R	J	69.8	81.2	67.4	33.3	96	2013	CHURCH HILL ES
9-Apr-14	4C3547263F	2R 11R 11L	J	57.9	67.2	55.6	31.0	61	2013	CHAPEL DISTRICT ES
9-Apr-14	4C37070D7B	3L 10L	J	50.1	60.2	49.8	27.8	44	2013	CHAPEL DISTRICT ES
9-Apr-14	4C37664E77	2L 10L 2R	J	64.2	73.8	64.9	34.0	85	2013	HURLOCK ES
9-Apr-14	4C36302B36	2L 10L 2R	J	70.3	80.7	68.2	36.1	101	2013	HURLOCK ES
9-Apr-14	4C376B1B06	3R 10R	J	72.5	84.0	69.8	67.5	101	2013	HURLOCK ES
9-Apr-14	4C39465057	3R 10R	J	72.7	84.3	67.9	37.6	100	2013	HURLOCK ES
9-Apr-14	4C366D2D5A	3L 10L	J	74.6	87.3	73.4	38.6	123	2013	SOUTH DORCHESTER
9-Apr-14	4C35140E04	3R 10R	J	83.1	97.7	81.1	44.3	160	2013	SOUTH DORCHESTER, ANO V5
9-Apr-14	4C34716C40	2L 10R	J	61.8	73.1	60.8	30.1	69	2013	EASTON HS
9-Apr-14	4C37750463	3R 10R	J	70.8	82.7	68.7	36.6	102	2013	EASTON HS
9-Apr-14	4C33693556	3L 10L	J	72.8	86.9	72.1	38.4	110	2013	KENT ISLAND HS
9-Apr-14	4C37323A68	11L 2R 11R	J	81.1	92.0	77.1	41.0	135	2013	KENT ISLAND HS
9-Apr-14	4C3411552E	3R 10R	J	77.7	88.0	73.2	39.1	120	2013	EHS
9-Apr-14	4C365B242F	2L 10L 2R	J	57.7	65.8	58.4	29.1	62	2013	EHS, ANO V5
9-Apr-14	0A13677814	3L10L	J	66.7	77.8	64.5	34.7	82	2013	EHS, Johnson
9-Apr-14	0A13677832	3R10R	J	77.2	88.8	74.3	38.7	121	2013	EHS, Johnson