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

2011

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Overwintering hatchlings being removed from overwintering terrapin nest on the PIERP.

BACKGROUND

The Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island, formerly known as the Poplar Island Environmental Restoration Project (PIERP), 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 PIERP 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). The persistent erosion of Poplar and nearby islands had greatly reduced the terrapin nesting and juvenile habitat in the Poplar Island archipelago. Prior to the initiation of the PIERP, terrapin populations in the area likely declined due to emigration of adults and reduced recruitment because of limited high quality nesting habitat. By restoring the island and providing nesting and juvenile habitat, terrapin populations utilizing the PIERP 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.

The PIERP is 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 the PIERP. By monitoring the terrapin population on the PIERP, resource managers can learn how creating new terrapin nesting and juvenile habitat affects terrapin populations. This information will contribute to understanding the ecological quality of the restored habitat on the PIERP, as well as understanding how terrapins respond to large-scale restoration projects. The results of seven years of terrapin nesting surveys and juvenile captures are summarized herein to identify how diamondback terrapins use habitat created by the PIERP and how it has changed during that time.

The 2006 PIERP Framework Monitoring Document (FMD) 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 makes it an excellent species to use as a tool for environmental outreach and education. Some of the terrapin hatchlings that originate on the PIERP participate in an environmental education program in the Anne Arundel County, Talbot County, and other county schools throughout Maryland through the Arlington Echo Outdoor Education Center (AE), the 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 PIERP. As part of the terrapin research program at the PIERP, 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 the PIERP. The students raise the terrapins throughout their first winter and they attain a body size that is comparable to 2-5 year old wild individuals, thus "headstarting" 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 - 2011 can be found in Roosenburg and Allman (2003), Roosenburg and Trimbath (2010), and Roosenburg et al. (2004; 2005; 2008). Since 2004, survey efforts to find nests have been consistent in the Notch, outside Cell 5, and outside Cell 3. Construction on the island has eliminated nesting activity in Cell 6 and the completion of Cells 4D, 3D, and 1A have resulted in nesting along the perimeter dike of these cells therefore mandating surveys of these newly built potential nesting areas. Details of the general survey methods and specific techniques employed during 2011 are described below.

Identification of terrapin nests: From 24 May to 22 July 2011, OU researchers surveyed the following areas on PIERP daily: beaches in the Notch area (surrounding the

northwestern tip of Coaches Island near Cell 4AB), areas between Coaches Island and the PIERP (outside of Cell 5AB), the beach outside the dike near Cell 3B in Poplar Harbor, and around the perimeter dike of Cells 4D, 3D, and 1A and (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 number of eggs, and from 2004 through 2011 weighed the individual eggs. 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.

Figure 1. Blue lines indicates areas on the PIERP that were monitored daily for terrapin nests by the research team.

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 hrs 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. Additionally, researchers found a small number of hatchlings on the beach, which they collected and processed. Because 48 nests over-wintered during 2011-12 (hatchlings remaining in the nest until spring of the following year), researchers traveled to the PIERP on 29 March and 30 March 2012 to excavate and determine the fate of the over-wintering nests.

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 11^{th} right marginal scute and 9^{th} left marginal scute, establishing the cohort ID 11R9L for 2011 fall emerging hatchlings. OU personnel gave spring 2012 emerging hatchlings a different cohort ID of 11R10L (notching the 11^{th} right marginal scute and 10^{th} left marginal scute) to distinguish fall 2011 from spring 2012 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 the PIERP for the lifetime of the turtle by detecting tag presence using Northwest Marine Technologies' V-Detector.

Researchers measured plastron length, carapace length, width, and 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 1C which was completed during the summer of 2011. 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, and height (±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 9th 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 2012, 235 PIERP hatchlings were reared in the terrapin education and environmental outreach programs at AE, the NAIB, and MES. In April 2012, researchers traveled to AE to implant PIT tags in 217 head-started individuals. Researchers also measured and weighed all animals at this time. From late May through July 2012, the head-started terrapins were returned to the PIERP and released in the Notch.

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 (#L01-04) and Maryland Department of Natural Resources (MD DNR) – Wildlife and Heritage issued a Scientific Collecting Permit Number SCO-48456 to Willem M. Roosenburg (WMR).

RESULTS AND DISCUSSION

Nest and Hatchling Survivorship: During the 2011 terrapin nesting season (May – July), the researchers located 211 nests on the PIERP (Table 1, raw nest data provided in Appendix 1). Of these 211 nests, 180 successfully produced hatchlings and 20 nests were

YEAR	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
TOTAL NESTS	68	67	182	282	191	225	218	189	166	211
NESTS PRODUCED HATCHLINGS	38	50	129	176	112	166	180	145	125	180
NESTS THAT DID NOT SURVIVE	1	7	17	70	69	44	28	34	42	20
DEPREDATED (ROOTS OR ANIMAL)	0	0	12	46	54	18	12	10	9	24
WASHED OUT	1	6	3	11	13	2	6	3	4	3
UNDEVELOPED EGGS, WEAK SHELLED EGGS, OR DEAD EMBRYOS	0	1	0	12	1	19	10	12	11	5
DESTROYED BY ANOTHER TURTLE OR NEST WAS IN ROCKS	0	0	2	0	0	3	0	0	2	0
DESTROYED BY BULLDOZER	0	0	0	1	0	0	0	0	0	0
DEAD HATCHLINGS	0	0	0	0	1	2	0	2	6	3
FATE OF NEST UNKNOWN	29	10	36	36	10	19	10	10	17	9

Table 1 - Summary of the diamondback terrapin nests found and their fate on the PIERP from 2002 to 2010.

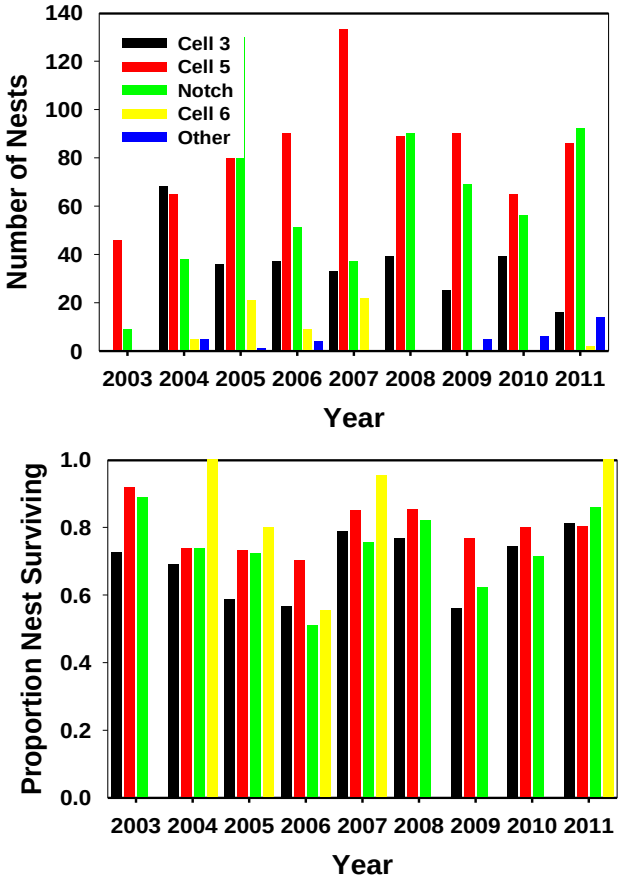

Figure 2 – The number of nests in each of the major nesting areas for each year of the study and the proportion of nests surviving.

unsuccessful, of which predators destroyed 18 nests completely and another 6 nest were partially depredated but produced hatchlings (Table 1). Only two nests failed because the eggs did not develop or eggs were thin-shelled which results in nest failure. Three nests were lost due to inundation by the high tide or washed out due to heavy rains because the nest site was in an area of high erosion. A fourth nest was threatened to be washed out but was moved to higher ground and still produced hatchlings.

The number of terrapin nests on the PIERP has averaged 207 nests per year since 2004 (Table 1); 2011 was an average year although it increased by 45 nest compared to 2010. The sand storage in Cell 4AB and the elevation of the dike around Cell 6 created large expanses of open sandy areas visible from outside the perimeter dike that possibly attracted nesting females to the project. The concentration of nests at the western end of Cell 4D and on the dike of Cell 6 suggest that these large open sandy areas were attracting nesting females that were entering the island through Cell 4D (Figures 2 and 3). These nests found on the elevated dike of Cell 6 were the first to be found in that cell since 2007 when perimeter dike closure eliminated access to nesting areas. Wind blown sand originating from the stockpiles in Cell 4AB also produced extensive open sandy areas in the Notch which dramatically increased nesting activity in these areas (Figures 2 and 3). Note that nesting in the Notch was greater than on the outside of Cell 5 (Figure 2) and most of these nests were concentrated at the northern section of the Notch (Figure 3) where most of the sand accumulated.

Nesting activity outside of Cell 3C decreased in 2011 and was the lowest since nest monitoring began (Figure 2). Increasing vegetation, primarily switch grass, and the continued decline of the size of the nesting area may be contributing to the decline in nesting on the beach outside Cell 3. Furthermore the sand in this area is very loose and dries quickly, causing rapid erosion of the tracks, making nests more difficult to find.

Figure 3 – Terrapin nesting locations on the PIERP during 2011

Nesting outside Cell 5 remains stable but the nesting activity is becoming more concentrated at the southern end of this nesting area (Figure 4). The decline in nesting in the other parts of Cell 5 coincides with an increase in the vegetation there. Areas with 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). Nests in the "Other" category (Figure 2) include 9 nests along Cell 4D, 1 nest inside Cell 3D, and 1 nest in Cell 1A. The locations of these nests indicate that terrapins are using the wetlands as a route to access potential nesting areas in the interior of Poplar Island, but may also be spending a greater portion of their time inside the wetland cells.

Figure 4. Terrapin nesting sites at the southern end of the dike outside Cell 5. Note the higher density nesting at the right end vs. that to the far left of the figure.

Survivorship of nests (the proportion of nests producing hatchlings) increased from 2010 to 2011. Researchers continued to place hardware cloth over the nests to prevent crow predation during 2011. An Eastern king snake, *Lampropeltis getulus*, was observed for the second consecutive year depredating terrapin nests and accounted for the loss of 14 nests, all in Cell 5 and the Notch. Researchers suspect that these snakes are coming from Coaches Island and preying on the readily available terrapin nests. Five nests were partially depredated (not all the eggs eaten) and still produced hatchlings. The lack of raccoons and foxes combined with researchers protecting nests from crows contributed to the continued high nest survival on the PIERP. Mean within nest survivorship (proportion of eggs within nest surviving) increased to 0.624 during 2011, up from the mean within nest survivorship of 0.429 observed in 2010, but did not reach the highest observed during 2009 (0.697). The fluctuation in survivorship is most likely due to the fluctuation of temperature and rainfall among summers in which hotter, dryer summers reduce survivorship within nests, and wetter summers have higher survivorship. The 2010 nesting season was the hottest and driest on record, while 2011 had considerably more rainfall events during the summer, although there was still a long dry period during the nesting season in 2011. During hot and dry conditions soil water potentials drop and eggs can become desiccated and die as a consequence. In 2011, researchers documented a substantial number of eggs that had not completed

development and died within the nests, and desiccation was the suspected primary cause for this within nest mortality. Possibly contributing to the increase in 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 and plants can tolerate lower soil water potentials than eggs, in addition to the roots being able to incase eggs and draw the moisture out (Stegmann et al., 1988).

Researchers noted two nests with thin-shelled or kidney shaped eggs on the PIERP. Thin-shelled eggs also have been observed in the Patuxent River terrapin population (Roosenburg, personal observation). In all three clutches only a few of the eggs were thin-shelled or miss-shaped. 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 the PIERP. 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 size (Analysis of Variance; ANOVA, $F_{7,784} = 2.03$, $P < 0.05$) and average egg mass (ANOVA, $F_{7,786} = 3.10$, $P < 0.05$) differed among years 2004 through 2011 (Table 2). Clutch mass (ANOVA, $F_{7,786} = 1.54$, $P > 0.05$) did not differ among years. This is the first time in the 8 years since the beginning of this study that researchers detected a difference in clutch size and average egg size among years. In 2011, clutch size was the largest ever recorded and average egg mass was the smallest ever recorded, indicating that larger clutches will have smaller eggs. Interestingly, the total reproductive investment per clutch did not change during 2011, suggesting that there may be a tradeoff between egg number and egg size in this population.

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)

Table 2. Average and standard error of clutch size, clutch mass, and egg mass from 2004-2010 on the PIERP.

Hatchlings: Researchers captured, tagged, and notched 1,382 terrapin hatchlings on the PIERP between 22 July 2011 and 30 March 2012 (Table 3; Appendix 2). All but 3 hatchlings were caught at their nests. Researchers found 34 nests in August and September by the evidence left when the hatchlings emerged and recovered 54 live

hatchlings from these nests. Hatchling carapace length and mass were similar among all years of the study (Table 3). During 2002-2011, 11,328 hatchlings have been captured, tagged, and notched on the PIERP (Table 3).

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 (2.015)	7.40 (1.15)
Total	11,328		

Table 3 - Number of hatchlings, mean and standard error of carapace length, and mean mass of terrapin hatchlings caught on the PIERP from 2002-2009.

Following a year with a low number of hatchlings in 2010, in 2011 the number of hatchlings rebounded (Table 3). The increase in the number of hatchlings was caused by a variety of factors that included 1) an increase in the number of nests researchers discovered, 2) an increase in the percentage of nests that survived, and 3) an increase in the within nest survivorship. The increases in survivorship relative to 2010 were most likely the result of the greater precipitation in 2011 relative to 2010: 2010 was dryer and hotter than 2011; 2011 was a more normal year. The increase in the number of nests discovered during 2011 was likely due to the increase in the open sandy areas, particularly in the Notch and along Cell 4D. Increasing vegetation on the nesting beaches affects the nesting behavior of terrapins and the researchers' ability to find nests. Terrapins prefer to nest in open areas (little vegetation) and the increasing vegetation in Cell 5 and the south side of the Notch may decrease the use by females of these areas, resulting in a decrease in nesting in the areas most intensively surveyed. The decline in nests seen in the heavily vegetated portions of Cell 5 during the last three years supports this hypothesis. Also, increasing vegetation decreases the ability of researchers to locate nests as they are more cryptic. The large number of nests found after hatchlings emerged supports that a fair number of freshly laid nests were missed in 2011. Both nest and within nest survivorship returned to normal levels consistent with the more normal pattern of rainfall observed in 2011 relative to 2010. The return of more normal incubation conditions is supported by the observation that the relationship between hatchling weight and egg mass was similar to previous wet years, and that during the dry years of 2008 and 2010 this relationship differed from the other years (ANCOVA; $F_{7, 321} = 5.46$; $P < 0.0001$) such that the slope of this line decreased (Figure 5). Although this has never been previously documented for any turtle species, researchers suggests that the change in this relationship was brought on by dryer than normal conditions during 2008 and 2010.

Over-wintering: OU researchers let 42 nests overwinter during the winter of 2009-2010. Of these 42 nests, 22 actually overwintered and successfully produced 103 hatchlings.

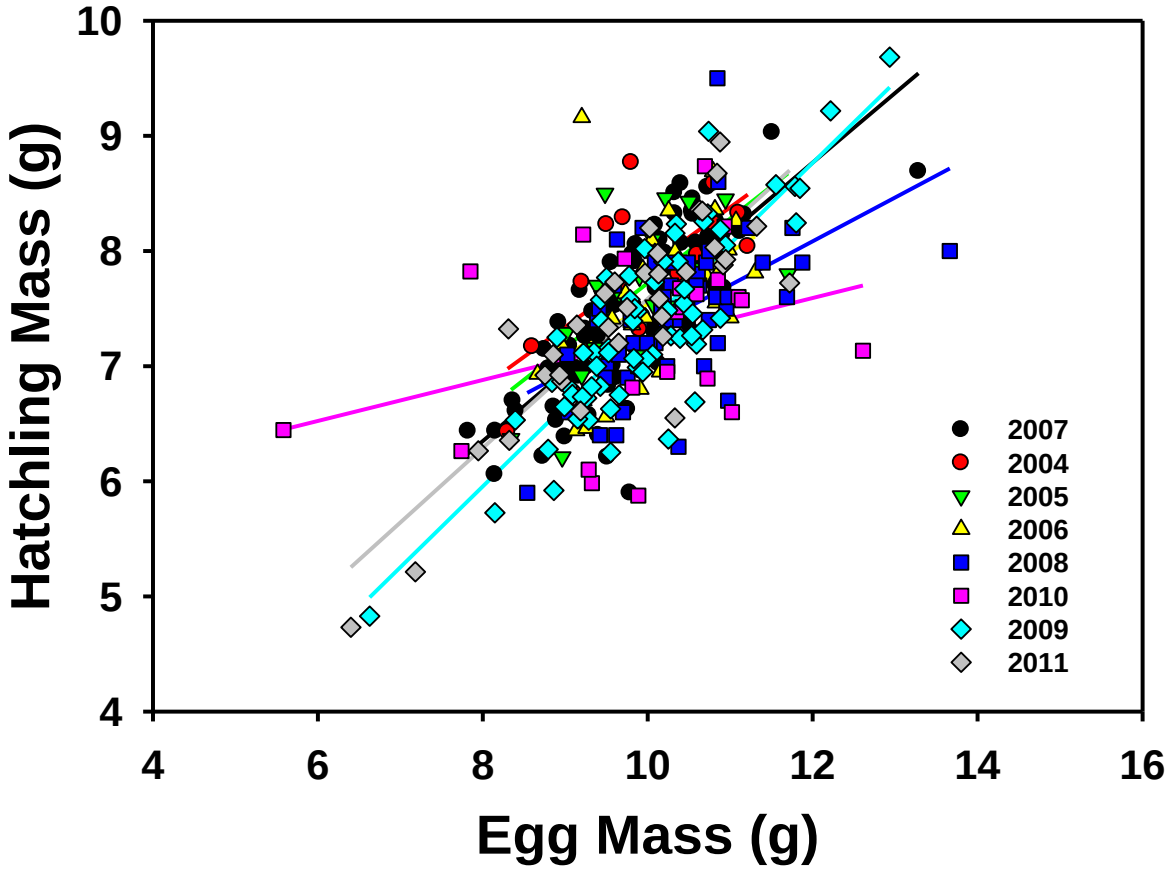

Figure 5. The relationship between average egg mass by clutch and average hatchling mass by clutch for 6 years on the PIERP. The relationship is similar for all years except 2010 when the slope of the relationship decreased substantially.

Four of the 21 nests that failed to emerge contained eggs that did not develop, indicating that the eggs in these nests died during the developmental period in the summer, and death was not caused by overwintering mortality. Another 9 nests either emerged in the fall or spring and eggs shells clearly indicative of emergence were found when the nests were excavated in the spring, though no hatchlings were caught. The remaining unaccounted nests were buried by the sand that accumulated in the Notch during the 2011-12 winter. Researchers recovered no dead hatchlings from any nests, suggesting that despite a low number of nests overwintering, overwintering success was high. Many of the over-wintering nests contained large numbers of dead eggs indicating that most of the mortality occurred while the eggs were developing and not in the nest post-hatching. Also of interest was that 4 nests had hatchlings emerging in both the fall and the spring.

	2006	2007	2008	2009	2010	2011
TOTAL NESTS - NOTCH & OUTSIDE OF CELL 5	146	170	183	159	124	178
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%)
FALL EMERGING NESTS	49 (33.6%)	92 (54.1%	113 (61.7%)	68 (42.8%)	77 (62.1%)	134 (75.3%)
NESTS OVER-WINTERING	44 (30.1%)	60 (35.3%)	44 (24.0%)	74 (46.5%)	21 (16.9%)	22 (12.4%)
SPRING EMERGING NESTS	33 (22.6%)	50 (29.4%)	40 (21.9%)	66 (41.5%)	21 (16.9%)	22 (12.4%)
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%)
UNKNOWN NESTS	11 (7.5%)	6 (3.5%)	9 (4.9%)	5 (3.1%)	5 (4.0%)	7 (3.9%)
BOTH FALL & SPRING EMERGING NESTS	1 (0.7%)	0 (0%)	1 (0.5%)	4 (2.5%)	4 (3.2%)	4 (2.2%)

Table 4 – Nest fate and over-wintering percentage of the nests during the 2006 –2011 nesting seasons on the PIERP.

Researchers also PIT tagged terrapins that were part of the AE, NAIB, and MES head-start programs. Researchers tagged and processed 217 terrapins in April 2012 (Appendix 3). During May, June, and July the head-started hatchlings were transported to the PIERP and were released in the Notch area. Eighteen hatchlings died during the rearing phase of the project; once again the higher than normal mortality rate suggests that many of the hatchlings may have been under stress during their incubation/ development on the PIERP. This year for the first time head-started terrapins were released inside Cell 4D and Cell 3D in addition to the traditional release site in the Notch.

CONCLUSIONS

By all measures 2011 was an average year for terrapins, following a below average year in 2010. The lackluster performance of 2010 was most likely the consequence of the prolonged drought during June and July of 2010. Nests and hatchlings increased relative to 2010 but the numbers were average for all years combined on the PIERP. The PIERP continues to provide excellent nesting habitat since the completion of the perimeter dike. Nest survivorship remains high on the PIERP relative to the Patuxent River mainland population (Roosenburg, 1991) mainly because the primary nest predators are absent from the island, and avian predation is reduced by the hardware cloth laid over the nests. Both nest and within nest survivorship increased in 2011 contributing to the large number of hatchlings this year relative to 2010. Researchers attribute the increased nest survivorship to the wetter conditions experienced during the summer of 2011.

Another factor contributing to the increases observed in 2011 is the sand stockpiling project in Cell 4AB. The large deposit of sand gave a distant appearance of a large sand dune on Poplar Island that may have attracted terrapins to the island for nesting. 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, including nests on the actual sand pile in Cell 4AB. 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 the PIERP. Researchers are concerned by the increasing vegetation, particularly outside Cell 5 and in the Notch. The accumulated sand in the northern portion of the Notch and the southern boundary of Cell 4D made available large portions of suitable nesting habitat (with little vegetation) that was used heavily during 2011. The number of nests found annually also indicates that 70-125 adult females are using the PIERP 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 2011, the researchers conducted twice daily surveys of the nesting areas in the Notch, outside Cell 5, and outside Cell 3, in addition to once daily surveys in Cell 4D, Cell 3D, and Cell 1A. 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 34 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 make 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 on the PIERP minimizes the risk to nesting females (Seigel, 1980; Roosenburg, pers. obs.). The absence of efficient nest and adult predators on the PIERP generated nest and adult survivorship rates that are much higher compared to similar nesting areas with efficient predators. As was similarly observed in 2002 through 2007 (Roosenburg and Allman, 2003; Roosenburg and Sullivan, 2006; Roosenburg and Trimbath, 2010; Roosenburg et al., 2004; 2005; 2007; 2008), the nest survivorship on the PIERP continues to be higher relative to mainland populations because of the lack of nest predators. The lack of predators and the use of nest protection practices are resulting in strong hatchling recruitment from the PIERP.

The PIERP produced 1,382 hatchlings during the 2011 nesting season. Hatchlings started emerging from the nests on 22 July 2010; the last hatchlings were excavated on 29 March 2012. This is the earliest hatchling emergence date recorded on the PIERP, and again reflects the warm summer experienced during 2011. Researchers released all of the hatchlings in Cell 4D, Cell 3D, and Cell 1A, however many of the hatchlings released in September and October 2010 clearly preferred to stay on land as

opposed to remaining in the water because hibernating in water may be physiologically more costly than hibernating on land.

During the winter of 2011-2012, 22 nests over-wintered successfully. The recovery of 103 hatchlings from 22 over-wintering nests confirms over-wintering as a successful strategy used by some terrapin hatchlings. A total of 42 nests had not emerged by 1 November 2011 and thus left to over-winter. However, excavation of many of these nests in the following spring discovered dead eggs in some nests, indicating that many of these nests never developed successfully during the summer incubation period, a consequence of the dry summer of 2010. Continued studies of over-wintering and spring emergence will be conducted to better understand the effect of over-wintering on the terrapin's fitness, life cycle, and natural history. The PIERP offers a wonderful opportunity to study terrapin over-wintering 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 2-5 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 summer of 2009-2011 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. Researchers are eagerly awaiting the return of a hatchling as a nesting adult. Given an age of first reproduction of 8 years this would suggest those individuals from the 2002 - 2004 cohorts could be discovered nesting on the PIERP. The presence of CWTs in these animals allows for the confirmation of individuals that originated from the PIERP.

The initial success of terrapin nesting on the PIERP indicates that similar projects also may create suitable terrapin nesting habitat. Although measures are taken on the PIERP 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 PIERP 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 the PIERP may become areas of concentration for species such as terrapins, thus becoming source populations for the recovery of terrapins throughout the Bay.

The PIERP 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 the PIERP. 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 the PIERP 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. The suitability of wetland creation as juvenile habitat remains to be determined because no trapping has yet occurred in the interior of wetland cells. However, the emergence of females from Cell 4D and nesting on the nearby dike along with direct observations of terrapins inside Cells 4D, 3D, and 1A suggests that the wetlands cells do provide suitable terrapin habitat. The success of nesting activity on the PIERP over the past ten years is positive. However, nesting surveys monitor one segment of the life cycle of the long-lived terrapin, and in the upcoming years we hope to begin recovering some of the individuals that originated from the PIERP.

The PIERP 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 2011 researchers discovered 211 nests, which is 4 nests from the mean of 207 nests per year. This hypothesis is therefore supported. 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 the PIERP because of the lack of major nest predators, and the sex ratio of hatchlings on the PIERP 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 the PEIRP as completion of wetland cells creates both access and availability of nesting habitat. The discovery of nests near the inlets to Cell 3D and 1A indicates that female terrapins are entering wetlands and using them as access routes to nesting areas. Researchers have frequently noted terrapins inside wetland Cells 4D and 3D. Although the dikes around the new wetland cells, particularly Cell 3D and 1A, are sufficiently elevated for terrapin nesting, the amount of nesting activity potentially could increase if open sandy areas were created strategically near inlets and open water within the cells. As the nesting beach outside Cell 3C 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 accumulation of sand in the Notch during 2010 and 2011 has created open sandy habitat that was heavily used by terrapins during the 2011 nesting season, indicating that the availability of open sandy habitat can enhance terrapin nesting activity on the island. The outcome of this natural experiment may identify short and long-term measures that can be taken to improve nesting habitat and thereby increase nesting on the island. The following recommendations are suggested with the objective of increasing terrapin nesting and available habitat on the PIERP.

First, researchers recommend the creation of high quality nesting habitat near the inlets of the wetland cells. Figure 6 identifies recommended sites for terrapin nesting inside Cells 3AC in the context of the current plan. Proximity to open water near the inlets is suggested to maximize access and also to reduce overland movement of terrapins between cells as they search for suitable nesting areas. Small isolated areas would also facilitate fencing the nesting areas if necessary. The nesting areas should be open, have minimal vegetation, and be constructed from sand. The positioning of these nesting areas may prove highly successful because the nesting area outside Cell 3 continues to decrease. The nesting areas should be 1- 1.5 m above mean high water and have a gradual slope to permit easy access for nesting females.

Figure 6 - Recommended terrapin nesting areas inside Cells 3AC in red and green

Second, the northeast expansion of the PIERP, scheduled to be implemented in 2014, provides the opportunity to create more terrapin nesting habitat in the sheltered areas of Poplar Harbor. 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 7 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 7 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. Because terrapins avoid nesting in areas with dense vegetation (Roosenburg 1996), 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.

Third, 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 2011. The increase in nest success due to screens placed over the nests is also 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 the PIERP.

Figure 7 – Shoreline stabilization and the creation of terrapin nesting habitat in Calvert County Maryland – Red dots indicate terrapin nests.

Fourth, researchers recommend the continuation of terrapin nesting monitoring on the PIERP. 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 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. Additionally, continued monitoring will document the further expansion and use of terrapin habitat on the island. During 2011, Cell 1C and Cell 1B were opened to tidal flow, thus allowing access to potential nesting sites around those cells. 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 the PIERP 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 PIERP. These five recommendations offered by OU will contribute to the continuing and increasing understanding of the effect of the PIERP on terrapin populations and their use as stewards for the PIERP.

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LITERATURE CITED

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., 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. 26.

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. 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 Num	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Num Hatch	Comments
1	24-May-11	N38 45.006	W76 22.100	5	N	11	111.9	10.17	10	
2	24-May-11	N38 46.024	W76 22.762	1	N	14	152.8	10.91	14	
3	24-May-11	N38 45.121	W76 22.476	Notch	N	17	160.6	9.45	15	
4	25-May-11	N38 45.174	W76 22.457	Notch	N	12	109.7	9.14	10	
5	25-May-11	N38 45.010	W76 22.119	5	N	13	103.3	7.95	11	
6	26-May-11	N38 45.091	W76 22.479	Notch	N	9	105.9	11.77	5	
7	26-May-11	N38 45.069	W76 22.405	Notch	N	11	113.2	10.29	0	11 Dead Eggs 29 March
8	26-May-11	N38 45.067	W76 22.262	5	N	12	123.2	10.27	3	
9	26-May-11	N38 45.980	W76 22.045	5	N	16	151.7	9.48	13	
10	26-May-11	N38 45.978	W76 22.043	5	N	11	97.9	8.90	8	Eight dehydrated dead hatchlings found at surface in ring; overwinter
11	26-May-11	N38 44.974	W76 22.021	5	N	10	113.2	11.32	7	Turtle PI-1902, 4A0F232132
12	26-May-11	N38 44.981	W76 22.064	5	N				13	Old Nest
13	26-May-11	N38 45.656	W76 22.800	3	N	13	124.8	9.60	11	
14	26-May-11	N38 45.657	W76 22.807	3	Y				12	Weak Shell Eggs; At least one egg lost to predation
15	27-May-11	N38 45.010	W76 22.118	5	N	10	99.7	9.97	6	2 Dead eggs, overwinter, 29 March
16	27-May-11	N38 45.037	W76 22.186	5	N				13	Old Nest
17	27-May-11	N38 45.065	W76 22.250	5	N	14	106.3	7.59	3	
18	27-May-11	N38 45.096	W76 22.480	Notch	N	19	199.3	10.49	0	Empty eggshells sand over ring -29 March
19	27-May-11	N38 45.145	W76 22.477	Notch	N	11	120.4	10.95	8	
20	27-May-11	N38 45.656	W76 22.605	3	N	10	108.4	10.84	8	
21	31-May-11	N38 45.332	W76 22.937	4D	N			10.93	12	White spots appeared on deeper eggs, stopped
22	31-May-11	N38 45.207	W76 22.429	Notch	N				10	Old Nest
23	31-May-11	N38 45.198	W76 22.434	Notch	N				7	Old Nest
24	31-May-11	N38 45.172	W76 22.457	Notch	N	17	163.4	9.61	8	
25	31-May-11	N38 45.143	76 22.474	Notch	N	16	143.3	8.96	13	
26	31-May-11	N38 45.124	W76 22.481	Notch	N	15	131.3	8.75	11	
27	31-May-11	N38 45.122	W76 22.482	Notch	N	18	95.1	5.28	2	15 Dead eggs 29 March
28	31-May-11	N38 45.115	W76 22.481	Notch	N				5	Old Nest
29	31-May-11	N38 45.096	W76 22.481	Notch	N				0	Old Nest; Empty eggshells sand over ring 29 March

Nest Num	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Num Hatch	Comments
30	31-May-11	N38 45.093	W76 22.478	Notch	N				11	Old Nest
31	31-May-11	N38 45.066	W76 22.422	Notch	N				3	Old Nest; overwinter + 3 dead eggs
32	31-May-11	N38 45.073	W76 22.415	Notch	N				11	Old Nest
33	31-May-11	N38 45.070	W76 22.391	Notch	N				0	Old Nest; Nothing found 29 March
34	31-May-11	N38 45.098	W76 22.059	Notch	N	15	140.7	9.38	1	15 Dead eggs 29 March
35	31-May-11	N38 45.092	W76 22.323	5	N				7	Old Nest
36	31-May-11	N38 45.034	W76 22.301	5	N				8	Old Nest
37	31-May-11	N38 45.060	W76 22.243	5	N				0	Old Nest; unknown fate
38	31-May-11	N38 45.047	W76 22.212	5	N	13	124.8	9.60	6	Nothing found 29 March
39	31-May-11	N38 45.015	W76 22.131	5	N				14	Old Nest
40	31-May-11	N38 45.004	W76 22.103	5	N				10	Old Nest
41	31-May-11	N38 45.004	W76 22.104	5	N				15	Old Nest
42	31-May-11	N38 45.001	W76 22.097	5	N				14	Old Nest
43	31-May-11	N38 45.001	W76 22.098	5	N				2	Old Nest; 7 Dead Eggs, overwinter 29 March
44	31-May-11	N38 44.996	W76 22.084	5	N				11	Old Nest
45	31-May-11	N38 44.996	W76 22.042	5	Y				1	Old Nest; Partial Kingsnake Predation 7/11
46	31-May-11	N38 45.647	W76 22.803	3	N				4	Old Nest
47	31-May-11	N38 45.652	W76 22.804	3	N				13	Old Nest
48	31-May-11	N38 45.660	W76 22.806	3	N				21	Old Nest
49	31-May-11	N38 45.327	W76 22.742	4D	N				7	Old Nest
50	31-May-11	N38 45.133	W76 22.624	4AB	N				16	Old Nest
51	31-May-11	N38 45.101	W76 22.546	4AB	N				0	Old Nest; No hatchlings present when ring removed, possible escape when nest fillled with sand on windy days
52	1-Jun-11	N38 45.256	W76 22.858	6	N	13	123.4	9.49	8	
53	1-Jun-11	N38 45.115	W76 22.479	Notch	N	18	111	6.17	7	
54	1-Jun-11	N38 45.048	W76 22.212	5	N	12	108.7	9.06	1	
55	1-Jun-11	N38 45.003	W76 22.102	5	N	13	115.1	8.85	12	
56	1-Jun-11	N38 44.998	W76 22.082	5	N				13	Old Nest
57	2-Jun-11	N38 45.001	W76 22.096	5	N	13	130.3	10.02	11	
58	3-Jun-11	N38 44.999	W76 22.092	5	N				6	Old Nest; 4 dead eggs clear emergence hole 29 March

Nest Num	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Num Hatch	Comments
59	6-Jun-11	N38 45.090	W76 22.366	Notch	N	14	116.5	8.32	11	Overwinter 29 March
60	6-Jun-11	N38 45.057	W76 22.209	5	N				0	Old Nest; unknown fate
61	6-Jun-11	N38 45.005	W76 22.105	5	N				2	Weak Shell Eggs
62	6-Jun-11	N38 45.914	W76 22.867	3D	N				0	Old Nest; unknown fate
63	6-Jun-11	N38 45.071	W76 22.407	Notch	N	17	161.9	9.52	17	
64	7-Jun-11	N38 45.156	W76 22.471	Notch	N	15	133.3	8.89	9	
65	7-Jun-11	N38 45.088	W76 22.475	Notch	N	18	135.1	7.51	12	
66	7-Jun-11	N38 45.073	W76 22.275	5	N				4	Old Nest
67	7-Jun-11	N38 45.068	W76 22.260	5	N				10	Old Nest
68	8-Jun-11	N38 45.105	W76 22.482	Notch	N	13	141.4	10.88	13	
69	8-Jun-11	N38 45.664	W76 22.804	3	N				10	Old Nest
70	9-Jun-11	N38 45.296	W76 22.895	4D	N	14	148.8	10.63	14	
71	9-Jun-11	N38 45.189	W76 22.441	Notch	N	17	141.3	8.31	13	
72	9-Jun-11	N38 45.144	W76 22.477	Notch	N	16	151	9.44	5	
73	9-Jun-11	N38 45.117	W76 22.425	Notch	N	12	125.6	10.47	12	
74	9-Jun-11	N38 45.113	W76 22.482	Notch	N	12	117	9.75	12	
75	9-Jun-11	N38 45.070	W76 22.399	Notch	N	13	133.1	10.24	0	Dug August 11th - 10 dead hatchlings and 1 dead egg
76	9-Jun-11	N38 45.213	W76 22.243	Notch	N				10	Old Nest
77	10-Jun-11	N38 45.168	W76 22.458	Notch	N	17	138.6	8.15	11	
78	10-Jun-11	N38 45.124	W76 22.481	Notch	N	17	146.1	8.59	7	
79	10-Jun-11	N38 45.096	W76 22.481	Notch	N	18	173	9.61	7	
80	10-Jun-11	N38 45.066	W76 22.430	Notch	Y	11	111	10.09	0	Nest Destroyed, 6/21
81	10-Jun-11	N38 45.098	W76 22.353	Notch	Y	18	159.2	8.84	5	
82	10-Jun-11	N38 44.994	W76 22.087	5	N	16	150.2	9.39	8	Partial Snake Predation 11 July
83	10-Jun-11	N38 44.984	W76 22.055	5	N				1	Too hot to dig
84	10-Jun-11	N38 44.967	W76 22.016	5	N				12	Too hot to dig
85	10-Jun-11	N38 45.232	W76 22.422	Notch	Y				0	Too hot to dig; All eggs consumed by kingsnake 6/15
86	10-Jun-11	N38 45.666	W76 22.806	3	N				6	Too hot to dig
87	10-Jun-11	N38 45.283	W76 22.919	6	N	17	183.8	10.81	16	Nest Moved to N38 45.286 W76 22.884, WP 98
88	13-Jun-11	N38 45.275	W76 22.858	4D	N	17	175.6	10.33	12	

Nest Num	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Num Hatch	Comments
89	13-Jun-11	N38 45.069	W76 22.404	Notch	Y				14	Stopped weighing eggs because bottom eggs had white spots; Possible Predation
90	13-Jun-11	N38 45.072	W76 22.388	Notch	N	14	146.1	10.44	1	1 Dead Egg, Overwinter 29 March
91	13-Jun-11	N38 45.075	W76 22.084	Notch	N				2	Old Nest; 7 dead eggs, emerged shells, 29 March
92	13-Jun-11	N38 45.081	W76 22.374	Notch	N	11	79	7.18	8	
93	13-Jun-11	N38 45.099	W76 22.348	Notch	N				0	Old Nest; Partial Kingsnake Predation 7/11; 2 dead eggs 29 March
94	13-Jun-11	N38 45.099	W76 22.345	Notch	N	17	141.2	8.31	10	
95	13-Jun-11	N38 45.084	W76 22.294	5	N				6	Old Nest
96	13-Jun-11	N38 45.000	W76 22.100	5	N				15	Old Nest
97	13-Jun-11	N38 44.968	W76 22.015	5	N				9	Old Nest
98	14-Jun-11	N38 45.085	W76 22.372	Notch	N				16	Old Nest
99	14-Jun-11	N38 45.041	W76 22.198	5	N				0	Old Nest; Nothing found 29 March
100	14-Jun-11	N38 45.035	W76 22.171	5	N				2	Old Nest
101	14-Jun-11	N38 44.975	W76 22.055	5	Y	14	133.2	9.51	0	Completely consumed by kingsnake 6/22
102	17-Jun-11	N38 44.975	W76 22.055	Notch	N	14	89.6	6.40	13	
103	17-Jun-11	N38 45.082	W76 22.463	Notch	N	15	149.5	9.97	14	Many emerged egg shells, 2 dead eggs 29 March
104	17-Jun-11	N38 45.647	W76 22.804	3	Y				0	Old Nest; destroyed same day
105	20-Jun-11	N38 45.056	W76 22.288	Notch	N				21	Old Nest
106	20-Jun-11	N38 45.004	W76 22.068	5	Y				0	Old Nest; destroyed mammalian predator
107	21-Jun-11	N38 45.188	W76 22.466	4D	N				12	Old Nest
108	21-Jun-11	N38 45.077	W76 22.287	Notch	N				14	Old Nest
109	21-Jun-11	N38 45.043	W76 22.162	5	N	13	132.4	10.18	12	Overwinter - 1 Dead egg 29 March
110	21-Jun-11	N38 45.002	W76 22.063	5	N	16	102	6.80	4	1 broken egg in nest; 7 dead eggs, overwinter 29 March
111	22-Jun-11	N38 45.097	W76 22.274	Notch	N	10	117.2	11.72	9	
112	22-Jun-11	N38 45.099	W76 22.276	Notch	N	13	131.7	10.13	10	
113	22-Jun-11	N38 45.085	W76 22.286	Notch	N	13	138.6	10.66	13	
114	22-Jun-11	N38 45.039	W76 22.254	Notch	N				0	Completely destroyed
115	22-Jun-11	N38 45.044	W 76 22.235	Notch	N	10	108.7	10.87	0	8 dead Eggs 29 March

Nest Num	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Num Hatch	Comments
116	22-Jun-11	N38 45.046	W76 22.168	5	Y				0	Old Nest; Partially depredated on 7/25, completely depredated on 7/26
117	24-Jun-11	N38 45.212	W76 22.567	4D	N	16	157	9.81	8	Egg weighing 8.1g damaged during process
118	24-Jun-11	N38 45.124	W76 22.256	Notch	Y	18	171.1	10.06	0	1 egg broken; Completely depredated on 7/5
119	24-Jun-11	N38 45.124	W76 22.257	Notch	N	15	131.8	8.79	7	
120	24-Jun-11	N38 45.120	W76 22.261	Notch	N	14	118	8.43	5	Ring burried by sand 29 March nothing found
121	24-Jun-11	N38 45.074	W76 22.289	Notch	N				12	Old Nest
122	24-Jun-11	N38 45.090	W76 22.284	Notch	N	19	174.6	9.19	0	Nest Washed Out 7/11
123	24-Jun-11	N38 45.101	W76 22.276	Notch	N	17	156.6	9.21	6	Nest Relocated to N38 45.068 W76 22.289, WP 206; Washed Out 7/11; overwinter - burried by sand in notch 16 May
124	24-Jun-11	N38 45.069	W76 22.329	4AB	N	13	152.9	11.76	0	Nest Relocated to N38 45.068 W76 22.289, WP 206; Washed Out 7/11
125	24-Jun-11	N38 45.039	W76 22.259	Notch	N	14	145.9	10.42	4	Overwinter
126	24-Jun-11	N38 45.040	W76 22.164	5	N	12	122.3	10.19	2	Overwinter - 5 Dead eggs 29 March
127	24-Jun-11	N38 44.581	W76 22.005	5	Y				0	Old Nest; Consumed by Snake 7/8
128	27-Jun-11	N38 45.176	W76 22.503	4D	N				2	Old Nest
129	27-Jun-11	N38 45.101	W76 22.276	Notch	N	15	114.1	7.61	1	Washed Out 7/5, Remaining 5 eggs relocated
130	27-Jun-11	N38 45.085	W76 22.287	Notch	N	13	131.8	10.14	13	
131	27-Jun-11	N38 45.081	W76 22.288	Notch	N				13	Old Nest; Empty egg shells 29 March
132	27-Jun-11	N38 45.059	W76 22.287	Notch	N				15	Old Nest
133	27-Jun-11	N38 45.049	W76 22.274	Notch	N				11	Old Nest
134	27-Jun-11	N38 45.052	W76 22.185	5	N				10	Old Nest
135	27-Jun-11	N38 45.029	W76 22.131	5	Y				0	Old Nest; Depredated by kingsnake 7/21
136	28-Jun-11	N38 45.075	W76 22.289	Notch	N				5	Old Nest
137	28-Jun-11	N38 45.069	W76 22.287	Notch	N	14	141.7	10.12	14	
138	28-Jun-11	N38 45.051	W76 22.183	5	N				13	Old Nest
139	28-Jun-11	N38 45.048	W76 22.180	5	N			9.60	0	Found while being consumed by kingsnake; emergence hole outside ring - 29 March
140	28-Jun-11	N38 45.050	W76 22.180	5	N				13	Old Nest
141	28-Jun-11	N38 45.038	W76 22.147	5	N				13	Old Nest
142	29-Jun-11	N38 45.393	W76 22.487	Cell # (P	N				12	Old Nest

Nest Num	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Num Hatch	Comments
143	29-Jun-11	N38 45.394	W76 22.484	3	N				12	Old Nest
144	5-Jul-11	N38 45.086	W76 22.286	Notch	N	13	116.1	8.93	13	
145	5-Jul-11	N38 45.120	W76 22.261	Notch	N				0	Old Nest
146	5-Jul-11	N38 45.106	W76 22.272	Notch	N				6	Old Nest, 2 Hatchlings found 16 May - nest burried under deep sand - Overwinter
147	5-Jul-11	N38 45.080	W76 22.289	Notch	N				14	Old Nest; Many empty egg shells 29 March
148	5-Jul-11	N38 45.073	W76 22.289	Notch	N				12	Old Nest
149	5-Jul-11	N38 45.063	W76 22.239	Notch	N				3	Old Nest
150	5-Jul-11	N38 44.597	W76 22.049	5	N				15	Old Nest
151	5-Jul-11	N38 45.403	W76 22.485	3	N				9	Old Nest
152	6-Jul-11	N38 45.083	W76 22.288	Notch	N				22	Old Nest
153	6-Jul-11	N38 45.008	W76 22.077	5	Y				0	Old Nest; All eggs consumed by kingsnake
154	6-Jul-11	N38 44.585	W76 22.019	5	N				6	Old Nest
155	7-Jul-11	N38 45.072	W76 22.289	Notch	N	13	119.4	9.18	10	Overwinter
156	7-Jul-11	N38 45.042	W76 22.244	Notch	Y				0	All eggs consumed by kingsnake
157	7-Jul-11	N38 45.055	W76 22.208	5	Y	17	144.2	8.48	0	All eggs consumed by kingsnake; 7/13
158	8-Jul-11	N38 44.593	W76 22.039	5	N				1	Old Nest
159	11-Jul-11	N38 45.127	W76 22.03925	Notch	N				9	Old Nest
160	11-Jul-11	N38 45.086	W76 22.250	Notch	N				33	Old Nest
161	11-Jul-11	N38 45.043	W76 22.239	Notch	N				7	Old Nest; Overwinter
162	11-Jul-11	N38 45.049	W76 22.223	Notch	N				16	Old Nest
163	11-Jul-11	N38 45.054	W76 22.191	5	Y				3	Old Nest; Partial predation by kingsnake 7/18; I empty egg shell 29 March
164	11-Jul-11	N38 45.030	W76 22.133	5	Y				0	Old Nest; Partial predation by kingsnake 7/12, 7/13
165	12-Jul-11	N38 45.084	W76 22.287	Notch	N	13	125.4	9.65	13	
166	12-Jul-11	N38 45.042	W76 22.159	5	N	9	80.3	8.92	4	Overwinter; 2 Dead Eggs 29 March
167	12-Jul-11	N38 44.588	W76 22.030	5	Y				7	Old Nest; Partial Predation by Kingsnake 7/13; 5 dead emerged hatchlings at surface, overwinter
168	12-Jul-11	N38 44.587	W76 22.029	5	N				2	Old Nest; 3 dead eggs, Overwinter 29 March

Nest Num	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Num Hatch	Comments
169	12-Jul-11	N38 44.582	W76 22.010	5	Y				2	Old Nest; Partial Predation by Kingsnake 7/18; 2 dead Eggs 29 March
170	12-Jul-11	N38 44.579	W76 22.010	5	N				0	Old Nest; fate unknown
171	13-Jul-11	N38 45.054	W76 22.184	5	N	13	136.2	10.48	0	Emergence hole outside ring; March 29
172	18-Jul-11	N38 45.025	W76 22.119	5	Y				0	Completely consumed by kingsnake
173	18-Jul-11	N38 45.019	W76 22.102	5	N				0	Old Nest; fate unknown
174	19-Jul-11	N38 45.042	W76 22.160	5	Y				0	Completely consumed by kingsnake
175	19-Jul-11	N38 44.599	W76 22.058	5	N				10	Old Nest
176	20-Jul-11	N38 45.005	W76 22.071	5	N	12	120.1	10.01	5	5 dead eggs 29 March
177	22-Jul-11	N38 45.052	W76 22.188	5	Y				2	Old Nest; 2 eggs broken while digging; Partial predation on 8/2
178	25-Jul-11	N38 44.584	W76 22.011	5	N				9	Nest found by emerged hatchlings
179	27-Jul-11	N38 44.996	W76 22.042	3	N				15	Nest found by emerged hatchlings
180		N38 44.597	W76 22.050	5	N				.	Nest found by emerged hatchlings
181	5-Aug-11	N38 45.047	W76 22.225	Notch	N				.	Nest found by emerged hatchlings
182	5-Aug-11	N38 45.059	W76 22.203	5	N				1	Nest found by emerged hatchlings
183	5-Aug-11	N38 44.583	W76 22.014	5	N				14	Nest found by emerged hatchlings
184	8-Aug-11	N38 45.036	W76 22.145	5	N				1	Nest found by emerged hatchlings
185	9-Aug-11	N38 45.079	W76 22.289	Notch	N				.	Nest found by emerged hatchlings
186	9-Aug-11	N38 45.401	W76 22.485	3	N				.	Nest found by emerged hatchlings
187	10-Aug-11	N38 45.070	W76 22.291	Notch	N				.	Nest found by emerged hatchlings
188	10-Aug-11	N38 45.041	W76 22.159	5	N				.	Nest found by emerged hatchlings
189	11-Aug-11	N38 45.042	W76 22.159	5	N				.	Nest found by emerged hatchlings
190	11-Aug-11	N38 45.038	W76 22.148	5	N				.	Nest found by emerged hatchlings
191	7-Aug-11	N38 44.584	W76 22.013	5	N				.	Nest found by emerged hatchlings
192	15-Aug-11	N38 45.018	W76 22.104	5	N				.	Nest found by emerged hatchlings
193	15-Aug-11	N38 45.210	W76 22.418	4D	N				.	Nest found by emerged hatchlings
194	15-Aug-11	N38 45.113	W76 22.263	Notch	N				2	Nest found by emerged hatchlings
195	17-Aug-11	N38 45.398	W76 22.484	3	N				1	Nest found by emerged hatchlings
196	17-Aug-11	N38 45.394	W76 22.484	3	N				.	Nest found by emerged hatchlings
197	17-Aug-11	N38 45.391	W76 22.481	3	N				3	Nest found by emerged hatchlings; Overwinter

Nest Num	Date	Latitude	Longitude	Cell #	Predation	Clutch Size	Total Mass	Average Mass	Num Hatch	Comments
198	11-Aug-11	N38 45.038	W76 22.149	5	N				6	
199	22-Aug-11	N38 45.058	W76 22.211	Notch	N				.	Nest found by emerged hatchlings
200	24-Aug-11	N38 45.097	W76 22.278	Notch	N				.	Nest found by emerged hatchlings
201	24-Aug-11	N38 45.041	W76 22.247	Notch	N				.	Nest found by emerged hatchlings
202	26-Aug-11	N38 45.173	W76 22.505	4D	N				.	Nest found by emerged hatchlings
203	25-Aug-11	N38 45.096	W76 22.481	Notch	N				.	Nest found by emerged hatchlings
204	26-Aug-11	N38 45.036	W76 22.144	5	N				.	Nest found by emerged hatchlings
205	12-Sep-11	N38 45.035	W76 22.144	5	N				.	Nest found by emerged hatchlings
206	13-Sep-11	N38 45.101	W76 22.275	Notch	N				1	Nest found by emerged hatchlings
207	21-Sep-11	N38 45.031	W76 22.134	5	N				.	Nest found by emerged hatchlings
208	26-Sep-11	N38 45.054	W76 22.286	Notch	N				.	Nest found by emerged hatchlings
209	30-Sep-11	N38 45.081	W76 22.289	Notch	N				.	Nest found by emerged hatchlings
210	30-Sep-11	N38 45.030	W76 22.134	5	N				1	Nest found by emerged hatchlings
211	20-Oct-11	N38 45.018	W76 22.101	5	N				.	Nest found by emerged hatchlings

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
22-Jul-11	34418	34419	11R9L	Nest	13	26.5	30.1	25.8	17.0	7.3	ANO: 10 Costals
22-Jul-11	34422		11R9L	Nest	13	27.0	30.7	28.4	15.8	8.0	
22-Jul-11	34423	34424	11R9L	Nest	13	26.4	31.0	27.1	15.5	7.6	
22-Jul-11	34435		11R9L	Nest	13	26.7	30.6	27.3	16.1	8.1	
22-Jul-11	34427		11R9L	Nest	13	26.1	29.9	27.9	15.9	7.4	
22-Jul-11	34429		11R9L	Nest	13	26.4	30.3	28.0	15.3	7.8	
22-Jul-11	34430		11R9L	Nest	13	26.2	29.8	28.2	15.3	7.5	
22-Jul-11	34431	34432	11R9L	Nest	13	27.8	31.3	28.0	16.2	8.1	
22-Jul-11	34433		11R9L	Nest	13	26.6	30.8	28.0	14.5	7.6	
22-Jul-11	34435		11R9L	Nest	13	26.5	30.6	28.0	15.6	7.9	
22-Jul-11	34436	35537	11R9L	Nest	5	25.2	28.7	25.2	14.5	6.4	
22-Jul-11	34438		11R9L	Nest	5	24.5	28.8	26.2	15.3	6.5	
22-Jul-11	34439	34440	11R9L	Nest	5	23.2	27.5	23.8	14.6	5.9	
22-Jul-11	34441		11R9L	Nest	5	24.8	29.0	25.7	15.0	6.6	
22-Jul-11	34443		11R9L	Nest	5	23.5	28.5	25.7	14.9	6.1	ANO: 6 Vertebrals, 5 Left Costals
22-Jul-11	34444		11R9L	Nest	5	25.5	29.0	26.8	15.4	6.8	
22-Jul-11	34446		11R9L	Nest	5	23.9	28.7	26.3	14.9	6.5	ANO: 5 Right Costals
22-Jul-11				Nest	13	25.7	30.1	25.9	16.0		Deceased; ANO V5
22-Jul-11				Nest	3	26.9	30.5	26.2	15.5		Deceased
22-Jul-11	34492	34493	11R9L	Nest	5	25.1	28.7	25.2	15.6	5.0	
24-Jul-11	34494		11R9L	Nest	5	24.9	29.1	26.1	15.7	6.4	
24-Jul-11	34495	34496	11R9L	Nest	5	25.4	29.0	26.5	15.6	6.3	
24-Jul-11	34497		11R9L	Nest	5	24.8	28.2	25.2	15.5	6.4	
25-Jul-11	34450	34451	11R9L	Nest	23	24.4	28.6	24.8	16.1	6.7	ANO: 5 Right Costals
25-Jul-11	34452		11R9L	Nest	178	24.8	28.9	26.8	17.1	8.1	
25-Jul-11	34454		11R9L	Nest	178	24.5	29.4	28.8	16.4	8.9	
25-Jul-11	34456		11R9L	Nest	178	25.2	31.5	27.6	17.6	8.9	ANO: V5 & 5 Left Costals
25-Jul-11	34457		11R9L	Nest	178	25.9	31.8	28.3	16.5	8.9	
25-Jul-11	34458	34459	11R9L	Nest	178	26.7	31.9	29.2	17.2	9.3	
25-Jul-11	34460		11R9L	Nest	178	26.1	32.0	28.3	16.4	8.5	
25-Jul-11	34462		11R9L	Nest	178	26.7	31.5	27.1	17.8	8.9	
25-Jul-11	34463		11R9L	Nest	178	26.3	30.3	27.9	16.9	8.5	
25-Jul-11	34465		11R9L	Nest	178	25.9	31.5	27.8	16.1	8.4	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
26-Jul-11	34466	34467	11R9L	Nest	20	27.4	33.6	28.4	15.9	8.7	
26-Jul-11	34468		11R9L	Nest	20	27.5	31.6	28.0	16.9	8.4	ANO: 6 Vertebrals
26-Jul-11	34470		11R9L	Nest	20	28.2	31.8	26.7	17.5	8.8	
26-Jul-11	34471	34472	11R9L	Nest	20	26.5	31.7	28.1	17.4	8.7	
26-Jul-11	34473		11R9L	Nest	20	27.3	30.8	28.0	17.2	8.2	
26-Jul-11	34474	34475	11R9L	Nest	20	27.5	32.0	27.5	17.6	8.7	
26-Jul-11	34476		11R9L	Nest	20	28.4	32.6	28.0	17.1	8.9	
26-Jul-11	34477	34478	11R9L	Nest	1	28.7	31.3	28.1	16.9	7.9	
26-Jul-11	34479	34480	11R9L	Nest	1	28.0	31.1	28.8	16.7	8.1	ANO: V5
26-Jul-11	34481		11R9L	Nest	1	27.3	31.3	27.4	16.0	7.4	ANO: 6 Vertebrals
26-Jul-11	34482	34483	11R9L	Nest	1	28.4	31.1	27.4	15.8	7.6	
26-Jul-11	34484		11R9L	Nest	1	27.6	30.6	28.3	16.4	7.3	ANO: First Right Costal
26-Jul-11	34485		11R9L	Nest	1	28.2	31.1	28.1	16.9	7.6	
26-Jul-11	34487	34488	11R9L	Nest	23	23.3	26.7	24.5	15.8	6.0	
26-Jul-11	34489		11R9L	Nest	26	24.3	27.0	24.5	16.0	6.7	
26-Jul-11	34490	34491	11R9L	Nest	26	24.5	27.6	24.7	16.3	6.8	
26-Jul-11	34498		11R9L	Nest	1	26.5	28.7	27.5	15.1	7.0	
26-Jul-11	34500	34501	11R9L	Nest	1	27.7	30.3	27.6	16.5	7.3	ANO: 7 Vertebrals, 6 Right Costals, and 6 Left Costals
26-Jul-11	34502		11R9L	Nest	20	26.7	30.3	27.8	17.6	9.0	
27-Jul-11	34503	34504	11R9L	Nest	48	28.2	33.0	28.5	17.8	9.1	
27-Jul-11	34505		11R9L	Nest	48	28.5	32.0	27.7	15.7	8.6	
27-Jul-11	34507		11R9L	Nest	48	28.5	32.3	28.1	16.3	8.8	
27-Jul-11	34508	24509	11R9L	Nest	48	27.3	31.6	29.1	16.5	9.2	
27-Jul-11	34510		11R9L	Nest	48	27.8	32.0	28.0	16.8	9.2	
27-Jul-11	34511		11R9L	Nest	48	25.9	31.2	29.1	16.3	8.9	
27-Jul-11	34513	34514	11R9L	Nest	48	28.0	32.1	28.9	16.2	9.1	
27-Jul-11	34515		11R9L	Nest	48	27.9	32.0	27.7	16.1	8.5	
27-Jul-11	34517		11R9L	Nest	48	27.6	31.8	29.6	16.0	9.1	
27-Jul-11	34518	34519	11R9L	Nest	48	27.2	31.3	28.5	16.2	8.8	
27-Jul-11	34520		11R9L	Nest	48	28.4	32.3	28.9	16.0	9.2	
27-Jul-11	34521	34522	11R9L	Nest	48	28.6	32.7	29.0	16.3	9.2	
27-Jul-11	34525		11R9L	Nest	48	27.3	31.9	28.7	15.9	8.7	ANO: V4, 6 Right Costals

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
27-Jul-11	34526	34527	11R9L	Nest	48	26.6	32.0	28.8	16.2	8.6	
27-Jul-11	34528		11R9L	Nest	48	28.0	32.4	28.6	16.5	9.1	
27-Jul-11	34530		11R9L	Nest	1	28.4	31.0	28.8	15.6	7.2	
27-Jul-11	34531	34532	11R9L	Nest	1	28.2	30.2	27.6	15.4	6.9	
27-Jul-11	34533		11R9L	Nest	26	25.7	28.7	26.5	15.9	7.2	
27-Jul-11	34534	34535	11R9L	Nest	26	25.4	28.6	25.5	16.4	7.0	
27-Jul-11	34536		11R9L	Nest	26	24.5	27.0	25.4	16.0	6.8	ANO: V5
27-Jul-11	34538		11R9L	Nest	26	23.9	27.1	24.5	16.0	6.8	
27-Jul-11	34539	34540	11R9L	Nest	26	26.4	29.2	26.1	16.2	7.5	ANO: V5
27-Jul-11	34541		11R9L	Nest	26	24.5	27.0	22.5	15.4	6.3	
27-Jul-11	34532	34543	11R9L	Nest	26	25.5	29.0	25.8	15.7	7.2	
27-Jul-11	34544	34545	11R9L	Nest	179	29.5	32.1	29.5	16.6	9.7	
27-Jul-11	34546		11R9L	Nest	179	29.8	33.9	29.4	16.3	9.8	
27-Jul-11	34547	34548	11R9L	Nest	179	31.1	34.1	29.9	16.9	10.1	
27-Jul-11	34549		11R9L	Nest	179	30.5	34.8	29.2	16.9	10.2	
27-Jul-11	34550		11R9L	Nest	179	29.6	33.4	28.6	16.0	9.4	
27-Jul-11	34551	34552	11R9L	Nest	179	30.7	35.1	30.3	16.9	10.8	
27-Jul-11	34554		11R9L	Nest	179	30.1	33.3	29.9	16.0	9.7	
27-Jul-11	34556		11R9L	Nest	179	29.3	33.5	29.8	16.7	9.8	
27-Jul-11	34557	34558	11R9L	Nest	179	29.5	33.7	31.4	15.9	9.9	
27-Jul-11	34559		11R9L	Nest	179	30.4	35.4	31.3	17.5	11.1	
27-Jul-11	34560	34561	11R9L	Nest	179	30.0	33.8	30.4	16.6	9.8	
27-Jul-11	34562		11R9L	Nest	179	31.5	33.5	30.7	16.9	10.4	
27-Jul-11	34564		11R9L	Nest	179	30.8	33.9	31.1	17.0	10.3	
27-Jul-11	34565	34566	11R9L	Nest	179	29.4	34.6	30.6	16.3	9.9	
27-Jul-11	34567		11R9L	Nest	179	31.0	33.6	30.2	17.3	10.0	
28-Jul-11	34573		11R9L	Nest	23	23.3	26.8	24.7	16.1	6.1	ANO: First Right Costal, 22 Marginals
28-Jul-11	34575		11R9L	Nest	53	22.6	27.4	23.1	15.3	5.2	
28-Jul-11	34576	34577	11R9L	Nest	53	20.1	24.1	21.2	14.5	4.1	
29-Jul-11	34578	34579	11R9L	Nest	53	21.6	23.0	21.1	12.5	4.2	
29-Jul-11	34580		11R9L	Nest	53	21.9	25.2	24.1	13.1	5.0	
29-Jul-11	34581	34582	11R9L	Nest	53	20.9	22.8	21.9	12.4	3.9	
29-Jul-11	34583		11R9L	Nest	6	25.7	28.8	26.8	14.4	6.9	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
29-Jul-11	34585		11R9L	Nest	6	25.9	29.3	28.2	15.0	7.7	
29-Jul-11	34586	34587	11R9L	Nest	6	27.7	32.1	28.8	15.5	8.6	
29-Jul-11	34588		11R9L	Nest	6	27.3	31.2	27.8	15.4	8.0	
29-Jul-11	34589	34590	11R9L	Nest	30	27.3	32.2	28.9	15.8	8.7	ANO: 5 Right Costals
29-Jul-11	34591		11R9L	Nest	30	28.4	32.6	30.4	16.1	9.3	ANO: 5 Left Costals
29-Jul-11	34592		11R9L	Nest	30	27.1	31.1	28.2	15.8	8.1	
29-Jul-11	34593	34594	11R9L	Nest	30	27.3	31.9	28.6	15.2	8.7	
29-Jul-11	34596		11R9L	Nest	30	27.5	32.0	28.4	16.1	8.6	
29-Jul-11	34597	34598	11R9L	Nest	30	27.6	31.4	29.1	15.6	8.6	
29-Jul-11	34599		11R9L	Nest	30	26.9	30.7	28.9	13.7	8.0	
29-Jul-11	34600		11R9L	Nest	30	27.3	31.0	29.4	15.0	8.1	
29-Jul-11	34601	34602	11R9L	Nest	30	27.7	31.7	28.9	14.8	8.9	
29-Jul-11	34604		11R9L	Nest	54	25.0	28.3	26.3	14.9	6.9	
29-Jul-11	34606		11R9L	Nest	54	25.0	29.1	28.0	14.6	7.0	
29-Jul-11	34607	34608	11R9L	Nest	54	24.9	28.9	26.2	14.9	6.8	ANO: 5 Left Costals
29-Jul-11	34609		11R9L	Nest	54	26.0	29.5	26.9	14.7	7.1	
29-Jul-11	34610		11R9L	Nest	54	26.1	28.3	26.5	14.3	6.7	
29-Jul-11	34611		11R9L	Nest	54	26.1	27.3	26.4	15.4	7.1	
29-Jul-11	34612		11R9L	Nest	54	25.5	29.1	27.0	15.4	7.3	ANO: 5 Right Costals
29-Jul-11	34614		11R9L	Nest	54	26.0	29.2	27.2	15.4	7.2	
29-Jul-11	34615	34616	11R9L	Nest	54	25.9	28.0	25.8	15.6	7.3	ANO: V4
29-Jul-11	34617		11R9L	Nest	54	25.6	28.5	27.7	14.1	7.1	
29-Jul-11	34619		11R9L	Nest	54	26.0	29.3	26.9	15.8	7.2	
29-Jul-11	34622		11R9L	Nest	53	22.2	24.1	22.3	12.8	4.4	
29-Jul-11	34623	34624	11R9L	Nest	6	26.9	30.2	27.4	15.1	7.7	
1-Aug-11	34625		1R11R9L	Nest	25	25.3	30.1	28.3	16.3	7.0	Headstart
1-Aug-11	34637		1R11R9L	Nest	25	26.6	30.6	26.5	15.6	6.7	Headstart
1-Aug-11	34628	34629	1R11R9L	Nest	25	25.5	30.4	27.6	16.3	7.3	Headstart
1-Aug-11	34630		1R11R9L	Nest	25	24.9	29.6	27.1	15.7	6.7	Headstart; ANO: First Right Costal
1-Aug-11	34631		1R11R9L	Nest	25	24.1	29.0	25.9	16.6	6.6	Headstart
1-Aug-11	34633	34634	1R11R9L	Nest	25	26.9	30.8	27.9	15.7	7.2	Headstart
1-Aug-11	34635		1R11R9L	Nest	25	25.8	30.1	27.5	16.7	7.4	Headstart
1-Aug-11	34636	34637	1R11R9L	Nest	25	26.7	30.8	26.9	16.6	6.9	Headstart

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
1-Aug-11	34640		1R11R9L	Nest	25	26.1	31.5	27.4	15.4	7.1	Headstart
1-Aug-11	34641	34642	1R11R9L	Nest	25	25.0	28.8	26.0	16.0	6.5	Headstart
1-Aug-11	34643		1R11R9L	Nest	25	25.7	31.2	27.6	16.4	7.3	Headstart
1-Aug-11	34645		1R11R9L	Nest	25	24.8	29.8	26.4	15.4	6.1	Headstart
1-Aug-11	34647		11R9L	Nest	19	28.8	32.5	29.0	16.4	8.5	
1-Aug-11	34648		11R9L	Nest	19	28.8	31.6	29.6	16.0	7.9	
1-Aug-11	34649	34650	11R9L	Nest	19	28.1	31.6	28.3	16.0	7.7	ANO: V5 & Left Costal
1-Aug-11	34651		11R9L	Nest	19	28.3	31.5	28.4	16.1	7.7	
1-Aug-11	34652	34653	11R9L	Nest	19	23.0	26.2	22.0	14.3	5.5	
1-Aug-11	34654		11R9L	Nest	19	28.8	31.3	28.6	15.6	8.1	
1-Aug-11	34656		11R9L	Nest	19	29.2	31.9	28.4	17.7	9.0	
1-Aug-11	34657	34658	11R9L	Nest	19	28.8	32.5	28.9	16.9	9.0	
1-Aug-11	34659		11R9L	Nest	76	28.7	32.3	29.1	17.1	8.9	
1-Aug-11	34660		11R9L	Nest	11	28.2	33.0	28.4	16.4	8.2	ANO: 5 Right Costals & 5 Left Costals
1-Aug-11	34662	34663	11R9L	Nest	11	28.8	32.9	28.2	16.1	8.1	
1-Aug-11	34664		11R9L	Nest	11	28.4	33.4	29.6	15.8	8.6	
1-Aug-11	34665	34666	11R9L	Nest	11	28.7	32.7	28.8	15.5	8.1	ANO: Forth Left Costal & V3/4
1-Aug-11	34667		11R9L	Nest	11	28.5	32.5	28.4	16.5	8.0	
1-Aug-11	34669		11R9L	Nest	11	28.5	33.3	28.4	16.3	8.3	
1-Aug-11	34670	34671	11R9L	Nest	11	27.9	32.9	28.1	16.3	8.2	
1-Aug-11	34672		11R9L	Nest	12	24.1	27.4	25.9	14.5	5.4	
1-Aug-11	34673	34674	11R9L	Nest	66	27.3	29.9	25.6	15.9	6.9	
1-Aug-11	34675	34676	11R9L	Nest	66	26.4	29.4	26.2	16.2	7.3	
1-Aug-11	34677		11R9L	Nest	66	27.0	25.4	26.3	16.3	7.6	
1-Aug-11	34678	34679	11R9L	Nest	66	27.2	30.8	26.4	15.4	7.3	
1-Aug-11	34680		11R9L	Nest	38	27.8	28.7	24.8	14.2	6.4	
1-Aug-11	34682		11R9L	Nest	32	26.4	29.5	27.0	16.3	6.4	ANO: Forth Left Costal & V5
1-Aug-11	34683	34684	11R9L	Nest	32	26.3	30.3	28.7	14.6	6.4	
1-Aug-11	34685		11R9L	Nest	52	27.0	30.2	26.4	17.1	7.9	
1-Aug-11	34687		11R9L	Nest	52	27.9	29.4	26.9	16.4	7.7	
1-Aug-11	34688	34689	11R9L	Nest	52	27.1	29.5	26.0	16.2		Forgot to Weigh
1-Aug-11	34690		11R9L	Nest	52	25.4	29.8	25.8	16.3	7.5	
1-Aug-11	34691	34692	11R9L	Nest	52	28.2	31.1	26.8	16.3	8.1	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
1-Aug-11	34695		11R9L	Nest	52	27.6	30.6	26.0	17.0	8.0	
1-Aug-11	34696	34697	2R11R9L	Nest	52	26.9	30.3	26.3	17.0	7.6	Headstart
1-Aug-11	34698		2R11R9L	Nest	52	26.4	29.9	27.3	17.5	8.1	Headstart
1-Aug-11	34700		2R11R9L	Nest	39	25.0	26.9	24.2	15.4	6.6	Headstart
1-Aug-11	34701	34702	2R11R9L	Nest	39	25.7	27.7	25.9	15.4	6.8	Headstart; ANO: 5 Right Costals and 8 Vertebrals
1-Aug-11	34703		2R11R9L	Nest	39	25.7	28.4	25.4	15.2	6.7	Headstart
1-Aug-11	34704	34705	2R11R9L	Nest	39	25.3	29.2	25.9	15.0	6.3	Headstart
1-Aug-11	34706	34707	2R11R9L	Nest	39	25.9	28.1	25.0	15.0	6.7	Headstart
1-Aug-11	34708		2R11R9L	Nest	39	25.1	28.2	24.7	15.1	6.3	Headstart
1-Aug-11	34709	34710	2R11R9L	Nest	39	24.4	27.8	25.7	17.0	6.6	Headstart; ANO: RC2/3 amd V5
1-Aug-11	34711		2R11R9L	Nest	39	24.6	26.0	23.5	15.8	6.0	Headstart; ANO: 7 Vertebrals and 5 Left Costals
1-Aug-11	34713		2R11R9L	Nest	39	25.7	29.1	25.2	15.3	6.6	Headstart
1-Aug-11	34714	34715	2R11R9L	Nest	39	24.1	27.1	25.6	15.5	6.2	Headstart
1-Aug-11	34716		1R11R9L	Nest	21	26.7	32.1	28.6	17.1	8.9	Headstart; ANO: 6 Vertebrals, 26 Marginals
1-Aug-11	34717		1R11R9L	Nest	21	27.5	31.4	27.8	17.1	9.1	Headstart
1-Aug-11	34719	34720	1R11R9L	Nest	21	28.3	32.6	28.2	17.0	9.0	Headstart
1-Aug-11	34721		1R11R9L	Nest	21	28.0	32.1	28.2	16.1	8.8	Headstart
1-Aug-11	34722	34723	1R11R9L	Nest	21	27.6	31.0	27.2	16.4	9.0	Headstart
1-Aug-11	34724	34725	1R11R9L	Nest	21	27.0	32.3	28.7	17.0	8.7	Headstart; ANO: Fused LC4 and V4
1-Aug-11	34726		1R11R9L	Nest	21	27.1	31.3	27.4	16.1	8.6	Headstart; ANO: 26 Marginals
1-Aug-11	34727	34728	1R11R9L	Nest	21	26.5	30.1	27.9	16.6	8.5	Headstart
1-Aug-11	34729		1R11R9L	Nest	21	28.0	31.9	27.9	17.1	8.6	Headstart; ANO: Fused LC4 and V4
1-Aug-11	34731		1R11R1L9L	Nest	21	28.4	32.5	28.3	17.2	9.3	Headstart
1-Aug-11	34732	34733	1R11R1L9L	Nest	21	28.1	32.6	29.0	16.7	9.9	Headstart, ANO: V4/V5
1-Aug-11	34734		1R11R1L9L	Nest	21	26.1	30.8	28.7	16.6		Headstart, Forgot to Weigh
2-Aug-11	34739		1R11R9L	Nest	32	26.8	31.0	28.6	15.7	6.8	
2-Aug-11	34740	34741	1R11R9L	Nest	32	27.7	30.8	28.0	15.3	7.6	
2-Aug-11	34742		1R11R9L	Nest	32	26.4	29.4	26.2	15.2	6.4	ANO: 6 Vertebrals and 5 Left Costals
2-Aug-11	34744		1R11R9L	Nest	32	28.0	29.2	25.6	14.3	6.8	
1-Aug-11				Nest	38	26.8	30.9	26.0	14.3		Deceased
1-Aug-11				Nest	38	28.3	28.9	25.0	13.6		Deceased
1-Aug-11				Nest	38	26.3	30.6	27.5	13.8		Deceased

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
1-Aug-11				Nest	38	23.8	29.9	26.4	14.5		Deceased
1-Aug-11				Nest	38	25.7	30.4	26.4	13.7		Deceased
1-Aug-11				Nest	22	26.3	30.5	28.3	15.9		Deceased
1-Aug-11				Nest	22	26.7	31.3	27.8	15.2		Deceased
1-Aug-11				Nest	22	26.7	31.2	28.3	15.5		Deceased
1-Aug-11				Nest	22	27.0	31.4	28.8	15.0		Deceased
1-Aug-11				Nest	22	27.1	30.3	27.7	15.7		Deceased
1-Aug-11				Nest	22	26.4	30.1	29.5	15.3		Deceased
1-Aug-11				Nest	22	25.1	28.9	26.8	16.3		Deceased
1-Aug-11				Nest	22	25.9	29.7	28.8	15.3		Deceased
1-Aug-11				Nest	22	26.5	30.6	26.9	15.6		Deceased
1-Aug-11				Nest	39	24.4	27.2	24.3	14.1		Deceased
1-Aug-11				Nest	39	22.8	24.9	25.5	14.8		Deceased; 10 Costals
1-Aug-11				Nest	12	23.7	26.1	23.4	12.6		Deceased
1-Aug-11				Nest	12	23.8	26.9	23.9	13.6		Deceased
1-Aug-11				Nest	12	23.9	26.6	24.3	13.5		Deceased
1-Aug-11				Nest	12	25.4	27.3	23.5	13.8		Deceased
1-Aug-11				Nest	12	24.7	28.9	25.7	13.9		Deceased
1-Aug-11				Nest	12	23.9	26.1	24.4	12.6		Deceased
1-Aug-11				Nest	12	24.9	28.0	25.0	13.0		Deceased
1-Aug-11				Nest	12	25.4	27.8	24.7	13.2		Deceased
1-Aug-11				Nest	32	27.5	30.7	28.0	15.2		Deceased
1-Aug-11				Nest	76	26.7	32.5	27.3	15.9		Deceased
1-Aug-11				Nest	76	26.8	30.4	27.4	17.7		Deceased
1-Aug-11				Nest	76	26.3	31.1	27.3	16.0		Deceased
1-Aug-11				Nest	76	26.2	31.6	26.9	16.1		Deceased
1-Aug-11				Nest	76	27.0	32.0	28.4	15.7		Deceased
1-Aug-11				Nest	76	27.9	32.1	28.3	16.1		Deceased
1-Aug-11				Nest	76	25.6	28.0	26.8	17.8		Deceased
1-Aug-11				Nest	76	28.4	32.4	27.5	16.3		Deceased
1-Aug-11				Nest	76	27.9	32.4	27.7	17.3		Deceased
2-Aug-11	34745	34746	11R9L	Nest	30	28.8	33.3	28.6	16.7	8.9	
2-Aug-11	34750		11R9L	Nest	22	26.7	29.7	27.2	17.3	7.2	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
2-Aug-11	34754	34755	11R9L	Nest	12	24.8	28.0	23.6	14.4	5.3	ANO: 6 Vertebrals, 5 Left Costals, 5 Right Costals
2-Aug-11	34756		11R9L	Nest	12	23.8	26.9	22.4	14.6	4.9	
2-Aug-11	34757		11R9L	Nest	12	25.0	27.0	23.8	14.4	5.1	ANO: 6 Vertebrals, 13 Right Marginals
2-Aug-11	34758	34759	11R9L	Nest	12	24.5	26.1	22.8	14.4	4.9	ANO: 26 Marginals, 5 Right Costals
2-Aug-11	34760		11R9L	Nest	64	26.5	29.7	26.0	16.2	7.2	
29-Jul-11	34761	34762	11R9L	Nest	30	27.9	31.6	29.0	16.3	8.5	
29-Jul-11				Nest	71	21.5	25.5	22.2	14.8		Deceased
3-Aug-11	34763	34764	11R9L	Nest	4	29.0	33.2	27.9	16.6	8.1	ANO: 11 Right Marginals
3-Aug-11	34765		11R9L	Nest	100	27.1	29.6	26.0	14.8	7.2	
3-Aug-11	34766	34767	11R9L	Nest	100	25.3	27.9	24.3	14.1	6.0	ANO: Fourth Left Costal
3-Aug-11	34768		11R9L	Nest	25	26.1	30.2	26.2	14.9	6.5	
3-Aug-11	34770		11R9L	Nest	32	26.4	30.4	27.5	15.3	7.3	
3-Aug-11	34771	34772	11R9L	Nest	32	27.3	30.3	27.6	15.3	6.9	
3-Aug-11	34773		11R9L	Nest	32	27.0	30.0	28.5	16.0	8.9	
3-Aug-11	34774	34775	11R9L	Nest	89	26.0	29.1	26.2	15.6	7.2	
3-Aug-11	34776		11R9L	Nest	89	24.6	27.2	25.7	14.8	7.0	ANO: V4/V5
3-Aug-11	34778		11R9L	Nest	89	24.5	26.9	23.1	14.8	6.0	
3-Aug-11	34779	34780	11R9L	Nest	89	26.1	28.0	25.3	14.6	6.8	
1-Aug-11	34781		11R9L	Nest	23	19.7	27.2	23.4	15.3	5.5	ANO: Plastron
1-Aug-11				Nest	23	22.8	24.8	21.3	12.4		Deceased
1-Aug-11				Nest	23	21.6	23.4	21.3	13.2		Deceased
1-Aug-11				Nest	23	22.9	25.9	20.6	13.1		Deceased
1-Aug-11	34783		11R9L	Nest	8	26.1	29.8	25.6	16.2	6.8	ANO: 13 Right Marginals
1-Aug-11	34784	34785	11R9L	Nest	8	25.9	29.1	25.9	15.5	6.8	
1-Aug-11	34786		11R9L	Nest	8	25.8	29.9	26.9	15.0	7.3	
4-Aug-11	34787	34788	11R9L	Nest	77	28.3	31.9	28.2	16.1	7.9	
5-Aug-11	34789	34790	2L	Nest	183	26.4	30.5	27.4	16.6	8.7	Headstart; Possible LC1 and RC1 Indented, not noticed until later in the clutch
5-Aug-11	34791		2L	Nest	183	25.6	30.7	26.6	17.6	8.0	Headstart; Possible LC1 and RC1 Indented, not noticed until later in the clutch
5-Aug-11	34792	34793	2L	Nest	183	25.9	30.9	27.9	15.8	7.8	Headstart; Possible LC1 and RC1 Indented, not noticed until later in the clutch

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
5-Aug-11	34794		2L	Nest	183	25.3	29.7	26.9	16.0	7.5	Headstart; Possible LC1 and RC1 Indented, not noticed until later in the clutch
5-Aug-11	34796		2L	Nest	183	25.1	28.9	25.9	15.9	6.6	Headstart; Possible LC1 and RC1 Indented, not noticed until later in the clutch
5-Aug-11	34797	34798	2L	Nest	183	26.2	29.9	26.3	17.3	8.0	Headstart; Possible LC1 and RC1 Indented, not noticed until later in the clutch
5-Aug-11	34799		2L	Nest	183	26.8	30.8	26.4	16.3	7.6	Headstart; Possible LC1 and RC1 Indented, not noticed until later in the clutch
5-Aug-11	34801		2L	Nest	183	26.5	30.4	27.1	17.0	8.0	Headstart; LC1 and RC1 Indented
5-Aug-11	34802	34803	2L	Nest	183	26.0	30.8	27.9	16.3	7.6	Headstart; LC1 and RC1 Indented
5-Aug-11	34804		2L	Nest	183	27.1	31.1	26.4	16.6	7.6	Headstart; LC1 and RC1 Indented; ANO 13 Left Marginals
5-Aug-11	34805	34806	2L	Nest	183	25.3	30.3	26.6	15.8	7.1	Headstart; LC1 and RC1 Indented
5-Aug-11	34807		2L	Nest	183	26.3	30.5	26.8	17.0	8.1	Headstart; LC1 and RC1 Indented
5-Aug-11	34809		2L	Nest	183	26.3	29.5	27.0	16.6	7.1	Headstart; LC1 and RC1 Indented
5-Aug-11	34810	34811	2L	Nest	183	27.9	31.2	26.2	16.9	7.6	Headstart; LC1 and RC1 Indented
5-Aug-11	34812		1R1L	Nest	89	25.0	27.5	25.3	16.2	6.4	Headstart
5-Aug-11	34814		1R1L	Nest	89	25.1	28.4	25.6	15.7	7.0	Headstart
5-Aug-11	34815	34816	1R1L	Nest	89	25.9	26.6	24.8	15.0	6.1	Headstart; ANO: v4/v5
5-Aug-11	34817		1R1L	Nest	89	25.3	28.7	25.4	14.9	6.8	Headstart
5-Aug-11	34818	34819	1R1L	Nest	89	23.1	26.2	23.3	14.4	6.1	Headstart
5-Aug-11	34820	34821	1R1L	Nest	89	26.3	28.9	25.9	15.3	7.3	Headstart
5-Aug-11	34822		1R1L	Nest	89	25.4	28.8	24.8	14.9	6.8	Headstart
5-Aug-11	34823	34824	1R1L	Nest	89	25.5	28.4	25.2	14.8	6.6	Headstart
5-Aug-11	34828	34829	1R1L	Nest	89	26.5	29.0	26.5	14.4	7.5	
5-Aug-11	24830		1R1L	Nest	89	24.9	28.0	25.0	15.3	6.8	
5-Aug-11	34832	34833	11R9L	Nest	39	25.8	29.0	25.9	16.1	7.3	ANO: V4, 6 Left Costals
5-Aug-11	34834		11R9L	Nest	39	26.0	29.9	26.2	16.4	6.9	
5-Aug-11	34835		11R9L	Nest	32	27.1	31.0	27.7	15.8	7.4	
5-Aug-11	34836	34837	11R9L	Nest	46	27.3	30.9	27.4	15.6	7.3	
5-Aug-11	34838		11R9L	Nest	46	27.3	31.3	26.1	15.8	7.2	
5-Aug-11	34840		11R9L	Nest	46	27.7	31.7	28.3	16.0	8.0	
5-Aug-11	34841	34842	11R9L	Nest	46	23.6	28.5	24.8	16.7	6.8	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
5-Aug-11	34843		11R9L	Nest	182	29.2	33.4	29.4	16.5	9.2	ANO: Forth Right Costal
7-Aug-11	34848		8R	Nest	71	24.2	28.3	25.4	15.2	6.1	Headstart; ANO: V5, 22 Marginals
7-Aug-11	34849	34850	8R	Nest	71	25.1	27.8	25.8	15.1	6.2	Headstart
7-Aug-11	34851		8R	Nest	71	24.4	27.6	25.3	15.7	6.3	Headstart; ANO:22 Marginals
7-Aug-11	34853		8R	Nest	71	24.9	27.7	25.6	14.8	6.1	Headstart; ANO: V1/V2
7-Aug-11	35854	34855	8R	Nest	71	24.4	26.9	25.1	15.0	6.0	Headstart; ANO: First Right Costal
7-Aug-11	34856		8R	Nest	71	25.5	27.8	25.8	16.2	6.5	Headstart
7-Aug-11	34858		8R	Nest	71	24.0	27.2	25.2	15.2	5.9	Headstart
7-Aug-11	34859	34860	8R	Nest	71	24.4	27.6	25.2	15.3	5.9	Headstart
7-Aug-11	34861		8R	Nest	71	23.5	27.8	24.7	14.5	5.6	Headstart
7-Aug-11	34864		8R	Nest	71	22.9	25.5	22.8	14.7	4.9	Headstart; ANO: V5
7-Aug-11	34866		9R	Nest	69	29.0	33.0	28.2	17.2	8.8	Headstart
7-Aug-11	34867	34868	9R	Nest	69	27.2	32.3	27.2	16.6	8.2	Headstart
7-Aug-11	34869		9R	Nest	69	27.1	31.9	29.0	16.2	8.5	Headstart
7-Aug-11	34871		9R	Nest	69	27.2	31.9	28.1	16.1	8.3	Headstart
7-Aug-11	34872	34873	9R	Nest	69	27.5	31.9	27.9	15.8	8.3	Headstart; ANO: V5
7-Aug-11	34874		9R	Nest	69	28.0	32.4	28.0	16.1	8.2	Headstart
7-Aug-11	34875	34876	9R	Nest	69	27.1	31.6	27.9	15.9	8.1	Headstart
7-Aug-11	34877		9R	Nest	69	27.6	31.9	28.1	15.8	7.9	Headstart
7-Aug-11	35446		9R	Nest	69	26.6	32.4	27.9	16.1	7.9	Headstart
8-Aug-11	35448		9R	Nest	69	27.8	33.1	27.8	16.2	8.0	Headstart
7-Aug-11	35451		10R	Nest	64	26.3	29.9	27.3	15.4	7.2	Headstart
7-Aug-11	35453		10R	Nest	64	26.3	30.1	26.0	15.4	7.1	Headstart; ANO: V4/V5
7-Aug-11	35454		10R	Nest	64	26.3	29.4	26.3	16.5	7.2	Headstart; ANO: V4/V5
7-Aug-11	35456		10R	Nest	64	26.2	31.0	26.6	15.6	7.3	Headstart
7-Aug-11	35458		10R	Nest	64	26.1	29.4	26.3	15.0	7.1	Headstart; ANO: V5
7-Aug-11	35459		10R	Nest	64	25.7	29.5	25.9	15.2	6.7	Headstart
7-Aug-11	35461		10R	Nest	64	26.5	30.5	26.7	15.0	7.2	Headstart; ANO: V5
7-Aug-11	35463		10R	Nest	64	25.6	28.3	25.4	15.1	6.6	Headstart; ANO:V1-V5
3-Aug-11	35464		11R9L	Nest	81	24.9	25.3	25.0	15.7	6.7	
3-Aug-11	35466		10R9L	Nest	81	25.7	28.0	24.6	14.9	6.4	ANO: 22 Marginals
3-Aug-11	35467		11R9L	Nest	81	25.1	29.0	24.4	15.9	6.4	
3-Aug-11	35469		11R9L	Nest	81	25.2	29.5	26.0	15.4	6.9	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
3-Aug-11	35471		11R9L	Nest	81	25.1	27.9	26.1	15.4	6.7	ANO: 22 Marginals
3-Aug-11	35479		11R	Nest	24	27.5	30.1	28.5	15.5	7.8	Headstart
3-Aug-11	35481		11R	Nest	24	28.6	31.8	29.4	15.6	7.9	Headstart
3-Aug-11	35482		11R	Nest	24	28.8	33.3	28.1	16.1	8.2	Headstart; ANO: 5 Right Costals
3-Aug-11	35484		11R	Nest	24	28.2	31.6	28.8	16.6	8.1	Headstart
3-Aug-11	35485		11R	Nest	24	27.2	31.8	28.4	16.5	7.9	Headstart
3-Aug-11	35487		11R	Nest	24	27.8	32.2	28.4	16.7	8.4	Headstart
3-Aug-11	3589		11R	Nest	24	28.4	32.0	28.6	16.3	8.2	Headstart; ANO: V4 and V5
3-Aug-11	35490		11R	Nest	24	28.6	31.5	28.2	16.0	8.1	Headstart
8-Aug-11				Nest	71	22.9	25.3	24.6	14.5		Deceased
5-Aug-11	35492		11R9L	Hand		25.6	29.4	27.6	15.7	6.5	Caught in water off dock
7-Aug-11	35493		11R9L	Nest	95	27.4	31.5	27.4	16.4	8.6	
7-Aug-11	35495		11R9L	Nest	95	27.3	30.4	26.9	16.6	7.9	
7-Aug-11	35497		11R9L	Nest	95	26.0	30.5	28.3	16.3	8.1	ANO: V1
7-Aug-11	35498		11R9L	Nest	95	27.8	31.5	28.2	16.9	8.5	
7-Aug-11	35500		11R9L	Nest	95	27.8	31.9	27.5	16.7	8.6	
7-Aug-11	35501		11R9L	Nest	95	27.5	31.3	27.2	16.6	8.3	
8-Aug-11	35506		11R9L	Nest	72	28.2	32.3	28.9	16.7	8.6	
8-Aug-11	35508		11R9L	Nest	72	26.7	30.4	26.4	16.3	8.0	ANO: V5
8-Aug-11	35509		11R9L	Nest	88	25.4	27.9	24.0	15.4	6.5	
8-Aug-11	35511		11R9L	Nest	88	25.6	27.6	24.3	14.2	6.2	
8-Aug-11	35513		11R9L	Nest	78	25.8	28.4	26.1	15.6	7.3	
8-Aug-11	35514		11R9L	Nest	78	25.6	29.1	25.7	15.1	7.2	
8-Aug-11	35516		11R9L	Nest	78	25.5	28.9	25.0	15.0	6.6	
8-Aug-11	35518		11R9L	Nest	78	25.4	29.0	25.6	15.6	6.4	
8-Aug-11	35519		11R9L	Nest	78	26.4	30.5	26.0	15.0	7.2	
8-Aug-11	35521		11R9L	Nest	78	25.9	29.9	26.3	15.6	7.0	
7-Aug-11	35522		12R	Nest	97	27.0	29.9	26.8	16.1	7.5	Headstart
7-Aug-11	35524		12R	Nest	97	25.9	29.0	24.6	16.2	6.7	Headstart; ANO: V4 and 5 Right Costals
7-Aug-11	35526		12R	Nest	97	26.7	31.1	26.0	15.7	7.0	Headstart
7-Aug-11	35527		12R	Nest	97	26.5	29.3	25.3	15.0	6.9	Headstart
7-Aug-11	35529		12R	Nest	97	27.1	30.0	24.9	16.9	7.1	Headstart
7-Aug-11	35530		12R	Nest	97	27.2	30.1	26.5	15.8	7.4	Headstart

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
7-Aug-11	35532		12R	Nest	97	25.3	30.6	26.1	16.5	6.9	Headstart
7-Aug-11	35534		12R	Nest	97	25.7	29.3	23.1	15.4	6.5	Headstart
8-Aug-11	35536		11R9L	Nest	92	20.9	25.7	19.4	14.3	4.5	
8-Aug-11	35537		11R9L	Nest	92	23.4	26.2	23.1	15.0	5.8	
8-Aug-11	35540		11R9L	Nest	92	22.8	26.1	22.4	16.1	5.1	
8-Aug-11	35542		11R9L	Nest	92	22.2	26.7	21.8	15.0	5.3	
8-Aug-11	35544		11R9L	Nest	92	23.0	25.9	22.3	14.6	5.1	
8-Aug-11	35545		11R9L	Nest	92	22.5	25.3	22.8	13.6	5.1	
8-Aug-11	35547		11R9L	Nest	92	23.5	27.0	24.2	14.5	5.5	
8-Aug-11	35548		11R9L	Nest	92	22.8	26.5	23.6	14.2	5.3	
8-Aug-11	35550		8L	Nest	94	24.6	28.9	24.9	15.4	6.3	Headstart
8-Aug-11	35552		8L	Nest	94	24.6	28.4	24.4	15.1	6.1	Headstart
8-Aug-11	35553		8L	Nest	94	24.9	28.5	25.3	15.6	6.1	Headstart
8-Aug-11	35555		8L	Nest	94	24.7	27.7	24.8	15.7	6.4	Headstart
8-Aug-11	35557		8L	Nest	94	25.2	28.9	25.6	15.3	6.5	Headstart
8-Aug-11	35558		8L	Nest	94	24.8	28.1	23.6	15.8	6.3	Headstart; ANO: V2, V4, V5
8-Aug-11	35560		8L	Nest	94	24.8	27.7	23.6	15.1	6.2	Headstart
8-Aug-11	35562		8L	Nest	94	24.8	27.2	24.4	14.9	6.1	Headstart
8-Aug-11	35563		8L	Nest	94	25.4	28.3	25.1	15.5	6.4	Headstart
8-Aug-11	35565		8L	Nest	94	25.6	28.6	25.4	15.7	6.5	Headstart
8-Aug-11	35566		9L	Nest	59	25.8	29.0	26.9	15.1	6.2	Headstart
8-Aug-11	35568		9L	Nest	59	26.4	29.0	24.8	15.8	6.3	Headstart
8-Aug-11	35570		9L	Nest	59	25.3	29.2	25.8	15.2	6.4	Headstart
8-Aug-11	35574		9L	Nest	59	24.5	27.7	25.3	15.3	5.8	Headstart
8-Aug-11	35573		9L	Nest	59	24.9	28.3	25.5	15.3	6.0	Headstart
8-Aug-11	35575		9L	Nest	59	25.7	29.8	25.8	15.3	6.3	Headstart
8-Aug-11	35576		9L	Nest	59	26.8	30.2	27.7	15.3	7.0	Headstart
8-Aug-11	35577		9L	Nest	59	25.3	28.9	26.7	15.3	6.7	Headstart
8-Aug-11	35579		9L	Nest	59	26.3	30.0	26.4	15.8	6.5	Headstart
8-Aug-11	35581		9L	Nest	59	25.6	28.8	26.4	15.6	6.3	Headstart
8-Aug-11	35580	35581	9L	Nest	59	26.1	29.7	26.2	15.3	6.4	Headstart
8-Aug-11	35583		11R9L	Nest	4	25.0	28.4	23.8	16.1	6.8	
8-Aug-11	35584		11R9L	Nest	4	26.7	30.7	25.8	15.5	7.0	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
8-Aug-11	35585		11R9L	Nest	4	27.3	30.0	27.2	15.5	7.0	
8-Aug-11	35587		11R9L	Nest	4	26.9	29.7	26.8	16.5	7.4	
8-Aug-11	35589		11R9L	Nest	4	27.7	30.8	25.8	15.7	7.3	
8-Aug-11	35590	35591	11R9L	Nest	4	26.4	30.8	25.9	15.8	7.2	
8-Aug-11	35593		11R9L	Nest	4	27.9	32.0	27.6	16.5	8.1	
8-Aug-11	35594		11R9L	Nest	4	27.2	30.8	26.7	16.5	7.7	
8-Aug-11	35595	35596	11R9L	Nest	4	27.3	31.4	26.7	16.1	7.7	
8-Aug-11	35597		10L	Nest	74	25.2	29.7	27.0	14.0	7.7	Headstart; ANO: 13 Right Marginals
8-Aug-11	35599		10L	Nest	74	26.9	30.6	27.1	16.3	7.6	Headstart; ANO: V5
8-Aug-11	35600		10L	Nest	74	26.6	29.8	25.6	15.8	7.4	Headstart
8-Aug-11	35601		10L	Nest	74	25.5	29.7	25.8	16.3	7.4	Headstart
8-Aug-11	35604		10L	Nest	74	27.6	30.7	27.5	17.3	8.4	Headstart
8-Aug-11	35605		10L	Nest	74	26.6	30.4	26.0	16.6	7.2	Headstart
8-Aug-11	34879		10L	Nest	74	26.5	29.6	25.7	17.1	7.2	Headstart
8-Aug-11	34880	34881	10L	Nest	74	25.6	29.6	26.0	16.7	7.1	Headstart
8-Aug-11	34882		10L	Nest	74	27.2	30.8	26.2	16.4	7.7	Headstart
8-Aug-11	34883		10L	Nest	74	26.6	29.2	26.9	15.6	7.1	Headstart
8-Aug-11	34885		10L	Nest	74	27.2	29.6	27.3	15.9	7.7	Headstart
8-Aug-11	34887		10L	Nest	74	26.9	29.7	27.6	16.0	7.6	Headstart
9-Aug-11				Nest	151	26.7	26.8	24.7	17.2	7.9	Deceased
9-Aug-11	34890		11R9L	Nest	151	29.0	30.9	26.6	17.0	8.5	
9-Aug-11	34892		11R9L	Nest	151	28.2	31.4	29.2	17.5	9.4	
9-Aug-11	34893		11R9L	Nest	151	28.2	31.6	28.1	16.9	8.6	
9-Aug-11	34895		11R9L	Nest	151	27.5	31.1	28.2	17.5	8.9	
9-Aug-11	34896	34897	11R9L	Nest	151	28.0	30.6	27.5	16.1	8.3	
9-Aug-11	34899		11R9L	Nest	151	28.6	30.9	27.3	16.4	8.6	
9-Aug-11	34900		11R9L	Nest	151	29.1	30.8	28.8	17.1	8.7	
9-Aug-11	34901	34902	11R9L	Nest	151	28.6	31.5	29.1	17.5	9.3	
9-Aug-11	34903		11R9L	Nest	48	27.3	31.2	28.9	16.8	8.1	
9-Aug-11	34905		11R9L	Nest	48	27.2	30.6	27.7	17.1	7.8	
9-Aug-11	34906	34907	11R9L	Nest	48	26.7	30.5	28.1	16.5	7.8	
9-Aug-11	34908		11R9L	Nest	48	27.7	31.7	27.3	16.6	7.6	
9-Aug-11	34909	34910	11R9L	Nest	48	28.8	32.5	28.1	16.7	8.4	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
9-Aug-11	34911	34912	11R9L	Nest	48	27.0	31.3	29.3	16.1	8.3	
9-Aug-11	34913		11L	Nest	70	26.9	31.3	28.2	16.4	8.4	Headstart
9-Aug-11	34914	34915	11L	Nest	70	27.1	30.5	27.7	16.3	8.0	Headstart
9-Aug-11	34916		11L	Nest	70	28.4	32.0	27.7	16.8	8.7	Headstart
9-Aug-11	34917	34918	11L	Nest	70	28.4	31.3	27.5	16.0	8.4	Headstart
9-Aug-11	34919		11L	Nest	70	29.3	33.3	28.7	16.8	9.1	Headstart
9-Aug-11	34921		11L	Nest	70	27.7	31.3	27.4	15.9	8.0	Headstart
9-Aug-11	34922	34923	11L	Nest	70	28.1	31.3	28.1	16.7	8.5	Headstart
9-Aug-11	34925		11L	Nest	70	27.9	32.7	28.4	16.5	8.6	Headstart
9-Aug-11	34926		11L	Nest	70	26.4	29.7	26.3	15.9	7.7	Headstart
9-Aug-11	34927		11L	Nest	70	28.0	30.9	28.5	16.4	8.4	Headstart
9-Aug-11	34928		11L	Nest	70	27.1	30.1	26.1	16.9	7.3	Headstart
9-Aug-11	34930	34931	11L	Nest	70	28.6	32.8	28.3	16.4	8.7	Headstart
9-Aug-11	34932		11R9L	Nest	185	28.2	32.4	28.3	16.4	8.6	
9-Aug-11	34933		11R9L	Nest	79	27.8	30.1	28.7	15.3	7.6	
9-Aug-11	34935	34936	11R9L	Nest	79	27.4	30.2	27.4	15.9	7.2	
9-Aug-11	34937		11R9L	Nest	79	27.7	31.3	27.1	16.5	7.5	
9-Aug-11	34939		11R9L	Nest	79	27.7	30.8	29.5	15.4	8.3	
9-Aug-11	34940		11R9L	Nest	79	27.4	30.4	27.3	17.1	7.6	
9-Aug-11	34942		12L	Nest	87	27.6	31.0	27.8	16.8	8.2	Headstart
9-Aug-11	34943	34944	12L	Nest	87	26.8	30.5	28.1	17.5	8.0	Headstart
9-Aug-11	34945		12L	Nest	87	27.1	29.7	26.9	16.1	7.7	Headstart
9-Aug-11	34946	34947	12L	Nest	87	27.1	31.3	27.9	17.8	8.3	Headstart
9-Aug-11	34948	34949	12L	Nest	87	26.5	29.6	26.9	16.8	8.0	Headstart
9-Aug-11	34950		12L	Nest	87	27.5	31.4	29.0	16.4	8.2	Headstart
9-Aug-11	34951	34952	12L	Nest	87	27.9	31.1	27.7	16.4	8.6	Headstart
9-Aug-11	34953		12L	Nest	87	28.2	31.4	28.0	16.5	8.1	Headstart
9-Aug-11	34954	34955	12L	Nest	87	27.6	31.8	27.1	17.2	8.0	Headstart
9-Aug-11	34956	34957	12L	Nest	87	28.0	31.4	28.7	16.6	8.2	Headstart
9-Aug-11	34958		12L	Nest	87	27.4	30.5	27.2	16.9	7.9	Headstart
9-Aug-11	34960		12L	Nest	87	27.6	31.0	28.2	16.4	8.0	Headstart
9-Aug-11	34961	34962	12L	Nest	87	27.1	29.8	26.9	16.8	7.8	Headstart; ANO:V5
9-Aug-11	34963		12L	Nest	87	26.6	30.7	27.1	16.1	7.8	Headstart

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
9-Aug-11	34964	34965	12L	Nest	87	25.7	29.3	26.9	17.2	7.5	Headstart
9-Aug-11	34966		12L	Nest	87	27.7	31.4	28.4	16.5	8.2	Headstart
10-Aug-11	34967	34968	11R9L	Nest	79	26.7	29.7	28.4	16.6	7.7	
10-Aug-11	34973		1R2L	Nest	47	28.8	34.3	30.3	16.3	9.5	Headstart
9-Aug-11	34975		1R2L	Nest	47	28.6	34.3	30.0	16.8	9.9	Headstart
9-Aug-11	34977		1R2L	Nest	47	30.1	34.9	30.3	17.2	10.1	Headstart
9-Aug-11	34979		1R2L	Nest	47	31.2	34.4	30.0	17.5	10.4	Headstart
9-Aug-11	34981		1R2L	Nest	47	29.6	32.8	28.0	16.7	9.0	Headstart
9-Aug-11	34982		1R2L	Nest	47	29.9	34.2	30.4	17.9	9.9	Headstart
9-Aug-11	34984		1R2L	Nest	47	30.6	35.6	29.7	17.6	10.5	Headstart
9-Aug-11	34986		1R2L	Nest	47	29.9	34.2	30.4	17.3	9.7	Headstart
9-Aug-11	34987		1R2L	Nest	47	30.6	35.6	29.7	16.9	9.9	Headstart; ANO: V5
9-Aug-11	34989		1R2L	Nest	47	29.8	33.9	30.4	16.6	9.4	Headstart
9-Aug-11	34990	34991	1R2L	Nest	47	31.0	34.3	30.8	17.6	10.1	Headstart
9-Aug-11	34992		1R2L	Nest	47	28.9	33.5	28.7	16.5	9.7	Headstart
10-Aug-11	34993	34994	11R9L	Nest	35	25.2	29.6	25.8	15.9	6.9	
10-Aug-11	34997		11R9L	Nest	35	24.6	28.8	25.5	14.8	6.6	
10-Aug-11	34998		11R9L	Nest	91	26.6	29.3	25.7	15.6	6.0	
10-Aug-11	35000		11R9L	Nest	91	25.0	29.6	24.8	14.9	6.5	ANO: 6 Right Costals, V4/5
10-Aug-11	35003	35004	11R9L	Nest	88	26.8	29.2	25.3	14.2	6.6	
10-Aug-11	35005		11R9L	Nest	88	26.6	29.4	24.4	15.7	6.6	
10-Aug-11	35006	35007	11R9L	Nest	88	25.7	29.3	24.3	15.0	6.3	
10-Aug-11	35008	35009	11R9L	Nest	77	27.2	31.5	29.1	15.3	7.7	
10-Aug-11	35010		11R9L	Nest	97	24.0	28.8	23.9	13.5	6.8	ANO: V4 & 5 Right Costals
10-Aug-11	35002		11R9L	Nest	83	27.0	30.6	28.1	16.5	7.7	
10-Aug-11	35011		11R9L	Nest	177	25.8	29.9	26.6	16.3	7.5	
10-Aug-11	35012	35013	11R9L	Nest	177	25.0	29.2	25.2	14.6	6.1	
10-Aug-11	35015		11R9L	Nest	17	24.7	29.1	25.1	15.3	5.8	ANO: 5 Right Costals
10-Aug-11	35016	35017	11R9L	Nest	17	21.5	25.8	21.7	14.1	4.9	
10-Aug-11	35018		11R9L	Nest	17	24.7	29.1	25.8	15.8	5.9	
10-Aug-11	35019	35020	9R10L	Nest	63	26.1	31.2	28.1	15.3	7.4	Headstart
10-Aug-11	35021		9R10L	Nest	63	27.2	31.2	27.7	15.8	7.5	Headstart; ANO: V5
10-Aug-11	35022	35023	9R10L	Nest	63	24.0	29.0	26.2	14.7	6.4	Headstart

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
10-Aug-11	35024	35025	9R10L	Nest	63	26.1	30.1	27.3	16.3	7.5	Headstart; ANO: V5
10-Aug-11	35026	35027	9R10L	Nest	63	26.5	30.8	26.9	16.5	7.4	Headstart
10-Aug-11	35028		9R10L	Nest	63	25.6	30.0	26.7	15.1	7.0	Headstart
10-Aug-11	35029	35030	9R10L	Nest	63	25.2	30.3	27.1	15.3	7.4	Headstart
10-Aug-11	35031		9R10L	Nest	63	26.7	30.0	26.9	15.3	6.9	Headstart
10-Aug-11	35032		9R10L	Nest	63	25.7	29.9	27.7	15.5	7.4	Headstart
10-Aug-11	35033	35034	9R10L	Nest	63	26.1	30.3	27.6	15.5	7.5	Headstart
10-Aug-11	35035	35036	9R10L	Nest	63	25.0	29.1	26.3	14.6	7.0	Headstart
10-Aug-11	35037	35038	9R10L	Nest	63	26.3	30.0	28.1	15.0	7.6	Headstart
10-Aug-11	35039	35040	9R10L	Nest	63	25.8	28.8	26.5	14.4	6.9	Headstart
10-Aug-11	35041		9R10L	Nest	63	26.7	29.9	27.0	15.4	7.6	Headstart; ANO: V5
10-Aug-11	35042	35043	9R10L	Nest	63	26.3	30.3	27.1	15.4	7.4	Headstart
10-Aug-11	35044		9R10L	Nest	63	26.7	30.9	27.7	15.8	8.1	Headstart
10-Aug-11	35045	35046	9R10L	Nest	63	26.9	31.0	27.1	15.4	7.7	Headstart
10-Aug-11	35047	35048	10R10L	Nest	98	26.7	31.1	28.2	15.8	8.3	Headstart
10-Aug-11	35049		10R10L	Nest	98	26.1	29.4	28.0	15.3	7.5	Headstart
10-Aug-11	35050	35051	10R10L	Nest	98	27.1	30.1	28.1	15.9	7.8	Headstart
10-Aug-11	35052		10R10L	Nest	98	27.8	31.2	28.3	16.2	8.5	Headstart
10-Aug-11	35053	35054	10R10L	Nest	98	26.9	30.3	27.4	15.8	7.5	Headstart; ANO: V5
10-Aug-11	35055	35056	10R10L	Nest	98	27.4	30.9	28.6	16.4	8.4	Headstart
10-Aug-11	35057		10R10L	Nest	98	26.8	31.2	28.6	16.7	8.2	Headstart
10-Aug-11	35058	35059	10R10L	Nest	98	26.2	30.5	28.7	16.2	7.7	Headstart
10-Aug-11	35067		10R10L	Nest	98	27.2	30.1	27.6	15.9	7.6	Headstart; ANO: V5
10-Aug-11	35069	35068	10R10L	Nest	98	27.4	30.5	28.2	15.6	7.4	Headstart; ANO: V5
10-Aug-11	35071		10R10L	Nest	98	26.3	30.2	27.9	16.4	7.6	Headstart
10-Aug-11	35072		10R10L	Nest	98	27.3	30.3	27.0	15.9	7.2	Headstart
10-Aug-11	35073		10R10L	Nest	98	26.4	30.0	28.1	16.0	7.6	Headstart
10-Aug-11	35074	35075	11R10L	Nest	9	26.5	30.7	28.5	16.2	7.2	Headstart
10-Aug-11	35076	35077	11R10L	Nest	9	28.8	33.0	29.2	16.0	8.4	Headstart; ANO: V5, 6 Right Costals
10-Aug-11	35078		11R10L	Nest	9	28.0	32.1	28.1	16.0	8.1	Headstart
10-Aug-11	35079	35080	11R10L	Nest	9	27.3	31.3	28.2	15.6	7.6	Headstart
10-Aug-11	35081	35082	11R10L	Nest	9	27.2	30.5	27.8	15.5	7.1	Headstart; ANO: V4/V5
10-Aug-11	35083		11R10L	Nest	9	27.4	32.7	28.0	16.2	8.1	Headstart

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
10-Aug-11	35084	35085	11R10L	Nest	9	28.3	31.6	27.6	15.5	7.7	Headstart
10-Aug-11	35086		11R10L	Nest	9	27.7	31.9	28.6	16.2	8.0	Headstart
10-Aug-11	35087	35088	11R10L	Nest	9	26.4	30.3	26.5	15.1	6.8	Headstart; ANO: V5, 6 Right Costals
10-Aug-11	35089	35090	11R10L	Nest	9	27.7	31.3	27.3	16.3	8.0	Headstart
9-Aug-11	35091		12R10L	Nest	2	27.6	31.8	29.7	15.2	8.2	Headstart
10-Aug-11	35092	35093	12R10L	Nest	2	28.5	31.4	27.8	16.1	8.2	Headstart
10-Aug-11	35094	35095	12R10L	Nest	2	28.2	31.9	28.0	16.9	8.2	Headstart
10-Aug-11	35096		12R10L	Nest	2	28.7	31.9	28.8	15.9	8.3	Headstart; ANO: V5 and 6 Left Costals
10-Aug-11	35097	35098	12R10L	Nest	2	26.1	31.4	26.7	14.5	6.9	Headstart
10-Aug-11	35099		12R10L	Nest	2	27.8	32.4	28.8	15.5	8.1	Headstart
10-Aug-11	35100		12R10L	Nest	2	28.2	31.9	27.6	15.9	8.0	Headstart
10-Aug-11	35101	35102	12R10L	Nest	2	28.1	31.4	27.6	16.1	7.9	Headstart
10-Aug-11	35103	35104	12R10L	Nest	2	28.4	32.4	29.2	15.3	8.5	Headstart
10-Aug-11	35105	35106	12R10L	Nest	2	24.8	28.8	25.1	14.7	6.6	Headstart
10-Aug-11	35107	35108	12R10L	Nest	2	28.4	32.1	28.5	15.8	8.0	Headstart; ANO: 11 marginals
10-Aug-11	35109		12R10L	Nest	2	27.8	31.5	28.1	15.7	7.7	Headstart
10-Aug-11	35110	35111	12R10L	Nest	2	27.5	31.6	27.4	15.8	8.0	Headstart
10-Aug-11	35112		11R9L	Nest	86	26.6	29.7	27.8	15.4	7.6	
10-Aug-11	35113	15114	11R9L	Nest	86	25.1	28.0	25.7	15.4	6.7	
10-Aug-11	35115		11R9L	Nest	86	26.9	29.7	26.5	15.5	7.1	
10-Aug-11	35116		11R9L	Nest	86	26.8	29.1	26.9	15.6	7.1	
10-Aug-11	35117	35118	11R9L	Nest	86	26.1	29.3	25.9	15.6	6.7	
10-Aug-11	35119		11R9L	Nest	86	25.8	29.6	27.4	16.4	7.3	
10-Aug-11	35123		12R10L	Nest	2	27.7	31.7	28.5	15.7	7.7	Headstart; ANO: 5 Right Costals
10-Aug-11	35125		11R9L	Nest	47	29.8	34.0	30.5	16.6	9.3	
10-Aug-11	35126		11R9L	Nest	28	27.4	31.4	26.7	16.4	7.2	
10-Aug-11	35127		11R9L	Nest	28	28.1	31.6	26.9	16.4	8.0	
10-Aug-11	35128	35129	11R9L	Nest	28	28.2	32.5	27.4	16.4	8.6	
10-Aug-11	35131		11R9L	Nest	28	26.8	31.0	27.5	15.8	7.6	ANO: V5
10-Aug-11	35132	35133	11R9L	Nest	28	26.9	31.0	26.7	16.2	8.2	
10-Aug-11	35134	35135	11R9L	Nest	36	27.7	30.2	26.6	15.1	6.9	
10-Aug-11	35136	35137	11R9L	Nest	36	26.3	30.5	26.6	15.5	6.7	ANO: 5 Left Costals
10-Aug-11	35138		11R9L	Nest	36	27.9	30.7	26.7	16.3	7.6	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
10-Aug-11	35139	35140	11R9L	Nest	36	27.9	32.4	28.0	15.7	7.6	
10-Aug-11	35151		11R9L	Nest	36	27.9	32.1	27.6	15.8	7.6	
10-Aug-11	35152		11R9L	Nest	36	26.7	29.5	24.8	15.1	6.4	
10-Aug-11	35153		11R9L	Nest	36	25.9	30.4	26.5	15.0	6.5	ANO: V5
10-Aug-11	35154		11R9L	Nest	16	27.7	30.6	27.6	15.4	7.9	
10-Aug-11	35161		11R9L	Nest	16	26.1	29.4	24.4	13.8	6.3	
10-Aug-11	35162	35163	11R9L	Nest	16	28.9	32.0	27.5	15.1	8.2	
10-Aug-11	35164		11R9L	Nest	16	27.3	30.7	27.4	15.6	7.7	
10-Aug-11	35165	35166	11R9L	Nest	16	28.7	31.0	28.3	15.1	7.9	
10-Aug-11	35167		11R9L	Nest	16	28.8	31.2	28.1	15.2	7.8	
10-Aug-11	35168	35169	11R9L	Nest	16	27.6	29.5	26.8	15.1	7.8	ANO: V4, 5 Right Costals
10-Aug-11	35170	35171	11R9L	Nest	16	27.5	31.2	27.3	15.5	7.7	ANO: V5
10-Aug-11	35172		11R9L	Nest	16	27.2	30.6	26.1	14.8	7.2	
10-Aug-11	35173	35174	11R9L	Nest	16	28.1	31.1	27.1	15.6	7.9	
10-Aug-11	35175		11R9L	Nest	16	28.4	32.3	28.9	15.6	8.7	
10-Aug-11	35176		11R9L	Nest	16	28.8	32.2	28.3	15.8	8.6	
10-Aug-11	35178	35179	11R9L	Nest	16	26.9	30.3	27.0	14.4	7.1	(16-2?) Turtle was notched and placed back in with unprocessed turtles overnight (which confused the crap out of everyone)
10-Aug-11	35180		11R9L	Nest	65	24.3	28.1	25.9	13.9	6.2	
10-Aug-11	35182		11R9L	Nest	65	24.5	28.5	26.2	14.2	6.2	
10-Aug-11	35183	35184	11R9L	Nest	65	23.7	27.4	25.0	14.7	6.0	
10-Aug-11	35185		11R9L	Nest	65	25.9	28.4	25.5	14.8	6.3	
10-Aug-11	35186	35187	11R9L	Nest	65	24.2	28.1	26.0	15.0	6.6	
10-Aug-11	35188	35189	11R9L	Nest	65	24.9	28.5	26.7	13.8	6.3	
10-Aug-11	35190		11R9L	Nest	65	25.1	28.4	26.9	14.8	6.6	
10-Aug-11	35191	35192	11R9L	Nest	65	23.2	26.4	25.4	13.9	5.8	
10-Aug-11	35193	35194	11R9L	Nest	65	25.2	28.3	25.3	14.4	6.2	
10-Aug-11	35195		11R9L	Nest	68	28.9	32.8	28.8	16.6	9.3	
10-Aug-11	35196	35197	11R9L	Nest	68	28.0	32.2	28.4	16.0	8.8	
10-Aug-11	35198		11R9L	Nest	68	29.9	33.1	28.3	16.5	9.3	
10-Aug-11	35199		11R9L	Nest	68	29.8	33.4	28.9	16.6	9.4	
10-Aug-11	35200	35201	11R9L	Nest	68	27.6	31.2	28.5	16.2	8.0	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
10-Aug-11	35203		11R9L	Nest	68	28.6	33.1	30.0	16.3	9.8	
10-Aug-11	35205		11R9L	Nest	68	28.2	32.6	29.3	15.7	8.4	
10-Aug-11	35206	35207	11R9L	Nest	68	27.4	31.1	28.5	15.6	8.4	ANO: V4/5
10-Aug-11	35208		11R9L	Nest	68	28.5	32.6	28.8	16.1	9.2	
10-Aug-11	35209		11R9L	Nest	68	28.5	32.1	28.5	15.7	8.6	
10-Aug-11	35210		11R9L	Nest	68	29.9	33.4	29.4	15.6	9.4	ANO: V5
10-Aug-11	35214	35215	11R9L	Nest	68	29.3	33.6	29.4	16.1	9.3	
10-Aug-11	35216		11R9L	Nest	68	28.4	31.9	27.7	15.7	8.4	
10-Aug-11	35217	35218	11R9L	Nest	42	27.4	30.6	27.1	15.7	7.4	
10-Aug-11	35219	35220	11R9L	Nest	42	26.9	30.1	27.8	15.5	7.3	
10-Aug-11	35221		11R9L	Nest	42	27.0	30.7	27.6	15.3	7.8	
10-Aug-11	35222	35223	11R9L	Nest	42	26.3	30.0	27.6	15.5	7.4	
10-Aug-11	35224	35225	11R9L	Nest	42	26.9	31.1	27.3	15.5	7.5	ANO: 5 Right Costals, 7 Left Costals
10-Aug-11	35226		11R9L	Nest	42	26.9	30.3	26.6	15.3	7.0	ANO: 6 Left Costals
10-Aug-11	35227	35228	11R9L	Nest	42	27.2	30.8	27.1	16.3	7.4	
10-Aug-11	35229		11R9L	Nest	42	26.7	30.5	27.3	16.1	7.4	ANO: V5
10-Aug-11	35230	35231	11R9L	Nest	42	26.9	30.0	26.3	16.3	7.2	ANO: V5
10-Aug-11	35232	35233	11R9L	Nest	42	27.1	31.2	26.5	15.5	7.4	ANO: V4, V5
10-Aug-11	35234		11R9L	Nest	42	27.3	30.5	27.5	16.2	7.5	ANO: V4, V5 and Second and Thirds Left Costals
10-Aug-11	35236		11R9L	Nest	42	27.8	30.5	26.8	16.4	7.8	
10-Aug-11	35237	35238	11R9L	Nest	67	26.0	29.0	27.4	16.4	8.5	
10-Aug-11	35239		11R9L	Nest	67	25.8	30.1	28.4	16.3	7.4	
10-Aug-11	35240	35241	11R9L	Nest	67	25.4	28.9	26.7	15.8	7.6	ANO: V5
10-Aug-11	35242		11R9L	Nest	67	26.0	29.7	27.3	15.7	7.5	
10-Aug-11	35243		11R9L	Nest	67	26.1	28.6	26.1	16.3	7.4	
10-Aug-11	35247		11R9L	Nest	67	26.2	30.9	27.7	15.9	7.9	
10-Aug-11	35248	35249	11R9L	Nest	67	26.8	31.4	28.2	16.6	8.2	
10-Aug-11	35250		11R9L	Nest	67	27.2	31.3	27.2	16.6	7.9	ANO: V5
10-Aug-11	35251	35252	11R9L	Nest	67	26.8	30.2	28.1	15.7	7.8	
10-Aug-11	35253	35254	11R9L	Nest	56	27.8	31.7	26.7	15.8	7.4	
10-Aug-11	35255		11R9L	Nest	56	27.6	31.4	27.8	16.1	8.0	
10-Aug-11	35256	35257	11R9L	Nest	56	26.9	32.8	28.3	15.9	7.7	
10-Aug-11	35258	35259	11R9L	Nest	56	27.3	32.5	27.4	16.2	8.2	ANO: V5

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
10-Aug-11	35260		11R9L	Nest	56	26.7	31.7	27.7	15.7	7.8	
10-Aug-11	35261	35262	11R9L	Nest	56	26.9	32.1	27.6	16.4	7.9	
10-Aug-11	35263	35264	11R9L	Nest	56	27.1	31.6	27.3	15.9	7.8	
10-Aug-11	35265		11R9L	Nest	56	26.9	31.2	25.3	15.8	7.1	
10-Aug-11	35266	35267	11R9L	Nest	56	27.8	32.3	28.1	16.1	7.9	
10-Aug-11	35268	35269	11R9L	Nest	56	28.2	32.6	27.5	16.4	7.8	
10-Aug-11	35270		11R9L	Nest	56	27.8	32.1	28.2	15.9	7.9	
10-Aug-11	35272		11R9L	Nest	84	27.5	30.2	26.7	15.6	8.0	ANO: V5
10-Aug-11	35273		11R9L	Nest	84	27.9	31.7	27.1	16.1	7.9	
10-Aug-11	35274	35275	11R9L	Nest	84	27.5	30.4	27.2	16.0	8.1	
10-Aug-11	35276		11R9L	Nest	84	27.4	31.6	27.2	16.3	8.1	
10-Aug-11	35277	35278	11R9L	Nest	84	27.1	31.0	27.8	15.8	8.2	
10-Aug-11	35279	35280	11R9L	Nest	84	28.4	32.1	28.4	16.5	8.2	
10-Aug-11	35281		11R9L	Nest	84	27.6	30.2	26.9	15.4	7.5	
10-Aug-11	35283		11R9L	Nest	84	27.8	30.3	27.4	16.0	7.9	
10-Aug-11	35284		11R9L	Nest	84	26.9	31.1	27.5	16.0	7.6	
10-Aug-11	35285	35286	11R9L	Nest	84	27.0	30.4	26.6	16.2	7.1	
10-Aug-11	35287	35288	11R9L	Nest	84	28.0	30.6	26.7	15.9	7.8	
11-Aug-11	35291		11R9L	Nest	67	25.0	26.0	25.2	15.4	6.4	
11-Aug-11	35292	35293	11R9L	Nest	9	28.0	31.0	26.6	15.2	6.9	
11-Aug-11	35294		11R9L	Nest	9	27.8	31.5	27.3	15.5	7.3	
10-Aug-11	35295	35296	11R9L	Nest	9	27.7	31.7	29.4	16.0	8.0	
10-Aug-11	35297		11R9L	Nest	42	27.8	30.8	26.0	16.0	7.2	
10-Aug-11	35298	35299	11R9L	Nest	42	27.2	30.2	27.3	16.1	7.2	
10-Aug-11	35300	35301	11R9L	Nest	71	23.7	28.3	26.9	14.7	6.1	
11-Aug-11	35313	35314	11R9L	Nest	152	27.7	32.5	28.9	16.7	8.5	
11-Aug-11	35315		11R9L	Nest	152	27.2	32.9	28.6	15.8	8.2	
11-Aug-11	35316	35317	11R9L	Nest	152	27.3	31.7	28.3	15.9	8.1	
11-Aug-11	35318	35319	11R9L	Nest	152	27.3	32.3	27.8	16.2	7.8	
11-Aug-11	35320		11R9L	Nest	152	27.8	32.2	28.4	16.6	8.2	
11-Aug-11	35321	35322	11R9L	Nest	152	26.0	30.1	26.7	16.0	7.4	
11-Aug-11	35323		11R9L	Nest	152	28.3	32.2	29.0	16.3	8.4	
11-Aug-11	35325		11R9L	Nest	152	27.6	32.1	28.5	15.9	7.9	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
11-Aug-11	35326	35327	11R9L	Nest	152	27.8	32.3	29.2	16.2	8.5	
11-Aug-11	35328		11R9L	Nest	152	25.9	29.3	27.2	15.0	7.4	ANO: V5
12-Aug-11	35329	35330	11R9L	Nest	148	21.5	26.0	24.2	13.3	5.2	
12-Aug-11	35331		11R9L	Nest	148	22.7	25.7	23.8	14.1	5.1	
12-Aug-11	35333		11R9L	Nest	148	21.8	26.3	23.2	14.0	4.9	
12-Aug-11	35334	35335	11R9L	Nest	148	23.3	26.6	23.1	14.1	5.0	
12-Aug-11	35337	35338	11R9L	Nest	148	22.6	26.4	27.7	13.9	5.0	
12-Aug-11	35339	35340	11R9L	Nest	148	21.1	25.3	21.6	12.9	4.7	
12-Aug-11	35341		11R9L	Nest	148	21.9	25.6	21.7	12.6	4.5	
12-Aug-11	35342	35343	11R9L	Nest	148	22.0	25.3	21.6	12.7	4.7	
12-Aug-11	35344		11R9L	Nest	148	23.2	27.0	23.8	14.1	5.2	
12-Aug-11	35345	35346	11R9L	Nest	148	22.2	26.5	23.8	14.0	5.0	
12-Aug-11	35347	35348	11R9L	Nest	148	23.4	26.6	23.2	13.8	4.9	
12-Aug-11	35349		11R9L	Nest	148	22.3	26.5	22.3	13.1	4.7	ANO: V5
12-Aug-11	35350	35351	11R9L	Nest	88	27.6	30.4	26.9	15.3	6.9	
12-Aug-11	35352	35353	11R9L	Nest	88	26.6	29.7	26.7	14.6	6.7	
12-Aug-11	35354		11R9L	Nest	88	27.4	29.5	26.0	14.8	6.9	
12-Aug-11	35355	35356	11R9L	Nest	88	25.3	28.3	23.6	13.8	6.2	
12-Aug-11	35363		11R9L	Nest	88	26.2	29.4	24.9	14.5	6.7	
12-Aug-11			11R9L	Nest	88	23.5	26.3	22.0	15.2	5.7	Crooked plasteron
12-Aug-11			11R9L	Nest	88	27.7	29.8	25.7	16.2	7.3	
12-Aug-11			11R9L	Nest	98	23.1	26.5	24.4	14.1	5.3	
12-Aug-11			11R9L	Nest	98	23.2	27.6	24.6	13.4	5.4	
12-Aug-11			11R9L	Nest	98	23.5	27.5	24.3	13.8	5.2	
15-Aug-11			11R9L	Nest	78	26.7	31.2	27.9	15.4	7.8	
15-Aug-11			11R9L	Nest	96	25.3	28.1	24.2	15.0	6.1	ANO: 6 Left Costals; 5Right Costals
15-Aug-11			11R9L	Nest	96	26.7	30.6	26.6	15.3	7.1	
15-Aug-11			11R9L	Nest	96	27.0	30.5	26.0	16.0	7.3	
15-Aug-11			11R9L	Nest	96	26.9	30.8	27.2	15.8	7.3	
15-Aug-11			11R9L	Nest	108	26.9	30.0	26.7	17.2	8.2	
15-Aug-11			11R9L	Nest	108	26.0	29.6	26.8	16.1	7.7	
15-Aug-11			11R9L	Nest	108	24.8	28.9	26.4	15.7	7.3	
15-Aug-11			11R9L	Nest	108	26.9	29.7	26.0	16.9	7.9	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
15-Aug-11			11R9L	Nest	108	27.0	29.1	26.8	16.1	8.2	
15-Aug-11			11R9L	Nest	57	29.1	32.4	29.7	16.5	9.0	ANO: 5 Left Costals
15-Aug-11			11R9L	Nest	57	28.3	30.6	27.5	16.4	8.0	
15-Aug-11			11R9L	Nest	57	29.0	32.1	29.2	16.5	8.7	ANO: Fourth Left Costal
15-Aug-11			11R9L	Nest	57	28.9	30.8	28.7	16.6	8.5	
15-Aug-11			11R9L	Nest	57	28.1	29.4	26.9	16.1	8.0	ANO: 11 Left Marginals; Extra row of plasteron scutes
15-Aug-11			11R9L	Nest	57	28.2	30.8	28.1	16.7	8.5	
15-Aug-11			11R9L	Nest	57	28.9	31.9	29.3	16.2	8.7	ANO: V5
15-Aug-11			11R9L	Nest	57	27.2	29.3	27.5	15.0	7.6	
15-Aug-11			11R9L	Nest	57	28.7	29.9	26.8	14.8	6.9	
15-Aug-11			11R9L	Nest	57	28.0	30.9	27.7	16.3	7.9	ANO: Fourth Left Costal
15-Aug-11			11R9L	Nest	57	27.9	31.0	28.4	16.7	8.4	
15-Aug-11			11R9L	Nest	70	28.4	32.2	28.7	16.3	8.5	
15-Aug-11			11R9L	Nest	70	28.4	32.0	29.4	16.2	8.7	
15-Aug-11			11R9L	Nest	194	24.9	29.1	26.7	15.1	6.8	
15-Aug-11			11R9L	Nest	194	25.9	30.1	26.7	15.9	7.0	
15-Aug-11			11R9L	Nest	96	26.3	31.0	25.9	16.1	6.9	
15-Aug-11			11R9L	Nest	96	27.5	31.3	26.7	15.7	7.5	
15-Aug-11			11R9L	Nest	96	25.0	30.7	26.4	15.5	6.6	
15-Aug-11			11R9L	Nest	96	27.3	30.6	26.8	15.5	7.3	
15-Aug-11			11R9L	Nest	96	26.8	30.7	26.4	15.3	7.2	
15-Aug-11			11R9L	Nest	96	26.0	29.8	26.1	16.0	6.8	
15-Aug-11			11R9L	Nest	96	26.9	30.6	26.2	15.7	7.1	
15-Aug-11			11R9L	Nest	96	25.9	29.3	25.8	15.5	6.8	
16-Aug-11			11R9L	Nest	108	26.0	29.4	26.1	16.1	7.5	
16-Aug-11			11R9L	Nest	159	27.9	32.6	28.1	16.7	8.0	
16-Aug-11			11R9L	Nest	53	21.3	25.3	22.7	14.1	4.4	
16-Aug-11			11R9L	Nest	84	28.4	31.4	28.0	17.0	8.2	
17-Aug-11			11R9L	Nest	195	27.3	31.4	28.3	16.7	9.0	
17-Aug-11			11R9L	Nest	197	26.4	29.8	24.9	15.2	7.7	
17-Aug-11			11R9L	Nest	197	25.0	27.9	24.0	13.7	6.0	ANO: V5
18-Aug-11			11R9L	Nest	56	26.5	32.7	28.5	15.9	8.0	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
18-Aug-11			11R9L	Nest	56	28.5	33.2	27.8	16.2	8.0	
19-Aug-11			11R9L	Nest	96	26.7	31.2	27.7	15.9	7.3	
19-Aug-11			11R9L	Nest	96	27.1	31.3	27.5	14.9	7.4	
22-Aug-11			11R9L	Nest	112	26.9	31.8	25.8	15.1	7.8	
22-Aug-11			11R9L	Nest	112	27.0	31.1	26.2	15.3	7.6	
22-Aug-11			11R9L	Nest	112	27.0	32.4	27.6	16.4	8.2	
22-Aug-11			11R9L	Nest	112	26.3	31.1	26.7	15.6	8.1	ANO: V5
22-Aug-11			11R9L	Nest	112	25.7	31.1	26.5	15.5	7.4	
22-Aug-11			11R9L	Nest	112	27.0	31.7	27.1	16.3	7.9	
22-Aug-11			11R9L	Nest	112	27.7	31.6	27.7	16.1	8.1	ANO: Third Left Costal
22-Aug-11			11R9L	Nest	112	26.2	30.5	26.7	16.0	7.7	ANO: V5
22-Aug-11			11R9L	Nest	120	26.1	30.2	25.7	15.5	7.2	
22-Aug-11			11R9L	Nest	143	30.1	33.4	29.1	17.5	10.6	
22-Aug-11			11R9L	Nest	143	30.3	33.0	28.2	17.6	9.9	
22-Aug-11			11R9L	Nest	143	31.1	33.4	27.8	17.9	10.3	
22-Aug-11			11R9L	Nest	143	28.5	33.3	28.3	17.0	9.9	
22-Aug-11			11R9L	Nest	143	31.0	33.5	29.0	16.8	10.4	
22-Aug-11			11R9L	Nest	143	29.7	33.5	28.5	17.3	10.4	
24-Aug-11			11R9L	Nest	136	23.7	28.3	22.6	16.0	6.9	
24-Aug-11			11R9L	Nest	136	25.0	29.1	25.2	15.8	7.7	
24-Aug-11			11R9L	Nest	136	23.6	28.5	23.8	14.6	6.5	
24-Aug-11			11R9L	Nest	136	23.0	27.6	22.4	15.3	6.5	
24-Aug-11			11R9L	Nest	136	23.7	27.4	24.0	14.9	6.5	
24-Aug-11			11R9L	Nest	143	30.2	33.9	29.3	17.9	10.5	
24-Aug-11			11R9L	Nest	143	29.8	32.7	28.6	17.9	10.3	
24-Aug-11			11R9L	Nest	143	29.6	33.1	29.5	17.0	10.5	
24-Aug-11			11R9L	Nest	143	29.7	32.8	28.1	16.8	9.5	
24-Aug-11			11R9L	Nest	143	30.6	33.9	29.0	17.2	10.2	
24-Aug-11			11R9L	Nest	143	29.6	33.2	28.3	17.1	10.1	
24-Aug-11			11R9L	Nest	44	26.9	33.0	27.2	15.0	7.4	
24-Aug-11			11R9L	Nest	44	27.4	32.7	28.2	16.7	8.0	
24-Aug-11			11R9L	Nest	44	28.3	33.7	28.8	15.2	7.9	
24-Aug-11			11R9L	Nest	44	27.1	32.8	28.0	16.0	8.2	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
24-Aug-11			11R9L	Nest	44	27.6	32.8	28.6	15.9	8.3	
24-Aug-11			11R9L	Nest	44	27.5	32.0	27.0	15.5	7.5	
24-Aug-11			11R9L	Nest	44	27.4	32.9	28.1	16.1	8.2	
24-Aug-11			11R9L	Nest	44	27.4	31.9	27.3	16.0	7.4	
24-Aug-11			11R9L	Nest	44	28.3	32.5	28.1	15.3	8.3	
24-Aug-11			11R9L	Nest	44	27.4	31.9	28.1	15.0	7.4	
24-Aug-11			11R9L	Nest	44	28.1	33.5	28.5	16.1	8.3	
24-Aug-11			11R9L	Nest	96	27.9	31.5	27.1	16.2	7.5	
24-Aug-11			11R9L	Nest	61	22.1	26.7	24.0	14.3	5.3	
24-Aug-11			11R9L	Nest	61	22.3	25.4	22.4	13.8	4.9	
24-Aug-11			11R9L	Nest	82	27.5	31.8	28.5	16.3	8.4	
24-Aug-11			11R9L	Nest	82	26.3	30.6	27.8	16.4	7.7	ANO: V5
24-Aug-11			11R9L	Nest	82	27.8	32.3	29.4	17.1	9.1	
24-Aug-11			11R9L	Nest	82	27.6	31.8	28.6	17.0	8.2	
24-Aug-11			11R9L	Nest	82	26.8	31.5	28.1	17.6	8.0	
24-Aug-11			11R9L	Nest	82	26.7	31.2	28.1	16.8	8.2	
24-Aug-11			11R9L	Nest	82	27.9	31.3	29.5	16.8	8.3	ANO: V5
24-Aug-11			11R9L	Nest	82	27.5	32.1	29.3	16.2	8.3	ANO: V5
24-Aug-11			11R9L	Nest	150	27.5	31.5	27.1	16.3	7.5	
24-Aug-11			11R9L	Nest	150	26.5	30.2	28.7	16.9	7.7	
24-Aug-11			11R9L	Nest	150	26.2	30.9	26.6	15.2	6.8	
24-Aug-11			11R9L	Nest	150	24.8	29.8	26.5	14.6	6.6	
24-Aug-11			11R9L	Nest	150	26.3	31.3	26.5	16.0	7.5	
24-Aug-11			11R9L	Nest	150	27.0	30.7	26.8	15.7	7.1	
24-Aug-11			11R9L	Nest	150	25.9	31.7	27.8	15.7	7.8	
24-Aug-11			11R9L	Nest	150	26.8	32.0	28.7	16.0	8.1	
24-Aug-11			11R9L	Nest	150	27.5	31.6	28.5	16.4	8.2	
24-Aug-11			11R9L	Nest	150	26.9	31.4	27.6	16.4	8.0	
24-Aug-11			11R9L	Nest	150	25.7	30.5	27.3	15.6	7.1	
24-Aug-11			11R9L	Nest	150	26.6	31.4	27.9	15.8	8.1	
24-Aug-11			11R9L	Nest	150	26.6	30.9	26.8	16.1	7.6	
24-Aug-11			11R9L	Nest	150	25.6	31.0	27.3	16.0	7.2	ANO: 13 Left Marginals
24-Aug-11			11R9L	Nest	150	25.9	31.7	27.9	16.3	7.5	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
25-Aug-11			11R9L	Nest	112	23.5	28.3	25.5	14.7	6.3	
25-Aug-11			11R9L	Nest	119	24.3	28.5	24.7	14.8	6.1	
25-Aug-11			11R9L	Nest	119	23.2	27.6	24.1	14.7	5.9	ANO: V5
25-Aug-11			11R9L	Nest	119	22.2	26.9	23.1	14.6	5.6	
25-Aug-11			11R9L	Nest	119	24.5	28.1	25.2	13.9	6.0	ANO: V5
25-Aug-11			11R9L	Nest	119	22.7	26.7	23.4	14.0	5.8	
25-Aug-11			11R9L	Nest	77	21.1	24.6	23.3	13.8	4.5	
25-Aug-11			11R9L	Nest	77	24.9	29.1	26.1	14.6	6.3	
25-Aug-11			11R9L	Nest	77	25.7	31.7	27.4	15.9	7.3	
25-Aug-11			11R9L	Nest	77	24.2	29.9	26.1	14.5	6.1	
25-Aug-11			11R9L	Nest	77	24.7	29.9	26.1	15.2	6.5	
25-Aug-11			11R9L	Nest	77	24.5	29.7	26.0	14.4	6.2	
25-Aug-11			11R9L	Nest	77	25.1	29.9	26.0	14.4	6.3	
25-Aug-11			11R9L	Nest	77	25.1	31.2	27.2	14.6	7.0	
25-Aug-11			11R9L	Nest	77	26.4	31.7	27.4	15.5	7.6	
25-Aug-11			11R9L	Nest	40	27.2	30.7	25.6	16.1	7.2	
25-Aug-11			11R9L	Nest	40	28.3	29.7	25.9	15.7	8.0	
25-Aug-11			11R9L	Nest	40	25.0	29.9	25.3	15.7	7.0	
25-Aug-11			11R9L	Nest	40	27.8	29.4	26.3	15.3	6.5	ANO: 6 Vertebrals, 5 Right Costals
25-Aug-11			11R9L	Nest	40	25.7	29.9	25.4	15.8	7.4	
25-Aug-11			11R9L	Nest	40	27.4	31.0	25.9	15.3	7.9	
25-Aug-11			11R9L	Nest	40	26.0	29.8	24.8	15.8	6.9	
25-Aug-11			11R9L	Nest	40	26.6	31.0	25.4	15.7	7.5	
25-Aug-11			11R9L	Nest	40	26.9	30.6	25.5	15.7	7.6	
25-Aug-11			11R9L	Nest	40	26.0	31.3	25.2	15.1	7.1	ANO: V4, V5, 5 Left Costals
26-Aug-11			11R9L	Nest	137	28.9	32.3	27.8	15.9	8.4	
26-Aug-11			11R9L	Nest	137	28.5	33.0	27.9	16.7	8.5	
26-Aug-11			11R9L	Nest	137	28.1	32.6	27.0	16.5	8.3	
26-Aug-11			11R9L	Nest	137	28.1	31.2	26.7	16.1	7.9	
26-Aug-11			11R9L	Nest	137	28.2	32.2	27.0	15.4	7.6	
26-Aug-11			11R9L	Nest	137	28.5	31.5	26.3	15.3	7.9	
26-Aug-11			11R9L	Nest	137	27.7	31.1	26.5	17.0	8.1	
26-Aug-11			11R9L	Nest	137	29.4	32.4	27.2	16.3	8.4	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
26-Aug-11			11R9L	Nest	137	29.3	33.2	27.4	15.9	8.5	
26-Aug-11			11R9L	Nest	137	27.3	32.3	26.4	16.4	8.4	
26-Aug-11			11R9L	Nest	137	28.4	31.9	28.3	15.3	8.1	
26-Aug-11			11R9L	Nest	137	25.5	29.9	26.0	15.1	6.6	
26-Aug-11			11R9L	Nest	137	27.4	30.6	26.5	16.2	7.4	
26-Aug-11			11R9L	Nest	137	27.6	31.5	27.2	15.0	7.6	
26-Aug-11			11R9L	Nest	45	28.6	31.3	28.6	16.6	8.6	
26-Aug-11			11R9L	Nest	119	26.3	29.1	25.2	14.5	6.1	
26-Aug-11			11R9L	Nest	119	23.7	25.7	22.5	14.1	4.9	
26-Aug-11			11R9L	Nest	112	28.7	32.3	28.1	16.1	8.9	
25-Aug-11			11R9L	Nest	102	22.6	26.5	22.3	12.8	4.5	
25-Aug-11			11R9L	Nest	102	23.4	26.3	23.1	13.5	4.6	
25-Aug-11			11R9L	Nest	102	21.5	25.2	21.1	12.4	3.7	
25-Aug-11			11R9L	Nest	102	25.9	28.8	24.3	13.6	5.4	
25-Aug-11			11R9L	Nest	102	24.2	28.1	24.9	13.5	5.1	
25-Aug-11			11R9L	Nest	102	25.2	28.7	24.0	13.7	5.2	
25-Aug-11			11R9L	Nest	102	21.7	27.3	22.2	12.9	4.5	
25-Aug-11			11R9L	Nest	102	23.3	27.4	23.2	13.5	4.8	
25-Aug-11			11R9L	Nest	102	23.6	27.6	23.5	13.3	4.8	
25-Aug-11			11R9L	Nest	102	24.9	28.1	24.0	14.7	5.2	
25-Aug-11			11R9L	Nest	102	25.4	27.5	24.3	14.0	5.5	
25-Aug-11			11R9L	Nest	102	21.6	24.4	20.7	12.5	3.8	
25-Aug-11			11R9L	Nest	102	22.7	26.3	23.7	12.8	4.4	ANO: V4
25-Aug-11			11R9L	Nest	41	25.3	31.0	27.4	13.8	6.8	
25-Aug-11			11R9L	Nest	41	26.0	31.2	27.4	14.3	7.0	
25-Aug-11			11R9L	Nest	41	26.4	30.2	27.4	14.5	7.0	
25-Aug-11			11R9L	Nest	41	25.7	31.6	27.2	14.6	7.0	
25-Aug-11			11R9L	Nest	41	25.3	30.7	26.3	15.1	6.8	
25-Aug-11			11R9L	Nest	41	25.2	30.5	27.7	14.0	6.6	
25-Aug-11			11R9L	Nest	41	25.2	31.2	27.2	15.0	6.9	
25-Aug-11			11R9L	Nest	41	24.2	29.6	25.0	14.6	6.2	
25-Aug-11			11R9L	Nest	41	25.4	31.0	27.3	14.8	7.0	
25-Aug-11			11R9L	Nest	41	25.1	30.6	26.4	14.4	6.7	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
25-Aug-11			11R9L	Nest	41	25.9	31.1	27.9	15.1	7.6	
25-Aug-11			11R9L	Nest	41	26.1	31.1	26.2	15.4	6.6	
25-Aug-11			11R9L	Nest	41	24.9	29.3	26.7	14.8	6.8	
25-Aug-11			11R9L	Nest	41	26.4	30.1	26.9	14.2	6.5	
25-Aug-11			11R9L	Nest	41	25.8	30.2	26.7	14.7	6.7	
26-Aug-11			11R9L	Nest	108	25.6	30.4	27.5	16.8	7.7	
26-Aug-11			11R9L	Nest	108	25.1	30.7	27.2	15.8	7.3	
26-Aug-11			11R9L	Nest	108	26.8	30.3	26.1	15.4	7.4	
26-Aug-11			11R9L	Nest	108	25.8	29.7	26.4	16.5	7.1	
26-Aug-11			11R9L	Nest	108	26.4	30.8	27.2	16.6	7.9	
26-Aug-11			11R9L	Nest	108	25.9	30.0	27.0	15.7	7.2	
26-Aug-11			11R9L	Nest	108	25.9	30.4	26.5	15.7	7.0	
26-Aug-11			11R9L	Nest	108	25.8	30.1	26.0	15.5	7.1	
25-Aug-11			11R9L	Nest	55	24.7	30.3	27.1	15.4	6.9	
25-Aug-11			11R9L	Nest	55	24.8	29.7	24.6	14.2	6.0	
25-Aug-11			11R9L	Nest	55	26.2	31.5	27.3	15.6	7.1	
25-Aug-11			11R9L	Nest	55	26.8	32.1	28.1	15.5	7.5	
25-Aug-11			11R9L	Nest	55	25.8	30.8	27.4	15.0	7.1	
25-Aug-11			11R9L	Nest	55	26.0	31.2	27.1	15.4	7.2	
25-Aug-11			11R9L	Nest	55	25.6	31.4	27.6	15.1	7.1	
25-Aug-11			11R9L	Nest	55	26.0	31.4	27.0	15.8	7.5	
25-Aug-11			11R9L	Nest	55	27.9	31.7	28.2	15.2	7.8	
25-Aug-11			11R9L	Nest	55	26.9	31.5	27.1	15.4	7.6	
25-Aug-11			11R9L	Nest	55	26.1	30.8	26.6	15.1	6.9	
25-Aug-11			11R9L	Nest	55	23.9	29.0	25.2	15.3	6.5	
29-Aug-11			11R9L	Nest	142	20.2	23.5	20.1	13.2	4.1	
29-Aug-11			11R9L	Nest	142	21.3	25.9	21.6	13.7	4.9	
29-Aug-11			11R9L	Nest	34	25.6	29.9	26.3	16.5	7.2	
29-Aug-11			11R9L	Nest	162	27.0	30.3	26.9	15.8	7.5	
29-Aug-11			11R9L	Nest	162	26.4	30.2	27.0	16.3	7.6	
29-Aug-11			11R9L	Nest	162	28.0	31.2	28.1	15.7	7.6	
29-Aug-11			11R9L	Nest	162	21.0	25.6	23.3	15.1	5.9	ANO: 7 Vertebrals, 26 Marginals, 5 Right Costals, 5 Left Costals

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
29-Aug-11			11R9L	Nest	160	22.7	27.0	24.3	14.3	5.1	
29-Aug-11			11R9L	Nest	160	24.2	29.8	26.1	14.9	6.6	
29-Aug-11			11R9L	Nest	160	23.9	28.2	24.4	14.3	5.5	
29-Aug-11			11R9L	Nest	160	25.8	29.3	26.3	15.2	6.8	
29-Aug-11			11R9L	Nest	160	23.8	28.8	25.5	14.8	6.2	
29-Aug-11			11R9L	Nest	160	22.6	26.4	24.3	13.8	5.1	
29-Aug-11			11R9L	Nest	105	27.2	31.4	26.1	15.8	7.3	
29-Aug-11			11R9L	Nest	105	29.1	33.9	29.5	16.5	8.8	ANO: 5 Right Costals
29-Aug-11			11R9L	Nest	120	24.7	28.0	24.2	15.5	5.7	ANO: 22 Marginals
29-Aug-11			11R9L	Nest	120	24.6	29.0	26.1	15.5	6.9	
29-Aug-11			11R9L	Nest	113	28.5	32.8	28.0	15.5	8.2	
29-Aug-11			11R9L	Nest	113	28.7	32.6	28.1	16.7	8.6	
29-Aug-11			11R9L	Nest	113	27.9	32.6	28.6	15.3	8.6	
29-Aug-11			11R9L	Nest	113	28.3	32.6	28.6	16.4	8.2	
29-Aug-11			11R9L	Nest	113	28.5	32.3	28.6	16.6	8.4	
29-Aug-11			11R9L	Nest	73	27.5	30.5	27.0	16.0	7.4	
29-Aug-11			11R9L	Nest	73	27.2	31.5	27.5	15.8	7.9	
29-Aug-11			11R9L	Nest	73	26.9	30.5	27.0	15.2	7.1	
29-Aug-11			11R9L	Nest	73	27.8	30.7	28.2	16.0	8.1	
29-Aug-11			11R9L	Nest	73	27.6	31.6	27.8	16.3	7.9	
29-Aug-11			11R9L	Nest	73	28.2	32.0	28.7	15.8	8.8	
29-Aug-11			11R9L	Nest	73	27.0	30.7	27.2	15.5	7.4	
29-Aug-11			11R9L	Nest	73	27.4	31.0	26.9	16.5	7.9	
29-Aug-11			11R9L	Nest	73	28.1	30.4	26.6	15.5	7.7	
29-Aug-11			11R9L	Nest	73	27.9	31.2	28.2	15.6	7.9	
29-Aug-11			11R9L	Nest	73	28.7	31.9	26.6	16.2	8.0	
29-Aug-11			11R9L	Nest	73	28.0	31.6	27.1	15.9	7.7	ANO: 11 Left Marginals
29-Aug-11			11R9L	Nest	121	28.0	31.3	26.8	15.9	7.9	ANO: Split V5, 5 Right Costals
29-Aug-11			11R9L	Nest	121	26.4	29.6	26.0	15.4	7.1	
29-Aug-11			11R9L	Nest	121	27.5	32.1	27.5	15.8	8.2	
29-Aug-11			11R9L	Nest	121	27.3	31.8	27.3	16.0	7.9	
29-Aug-11			11R9L	Nest	121	27.3	30.7	26.9	15.6	8.0	
29-Aug-11			11R9L	Nest	121	27.7	31.4	26.8	15.9	7.7	ANO: Split Fourth Right Costal

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
29-Aug-11			11R9L	Nest	121	25.4	29.3	25.9	14.5	6.6	
29-Aug-11			11R9L	Nest	121	24.4	28.9	24.6	14.3	6.0	
29-Aug-11			11R9L	Nest	121	28.7	32.0	27.3	15.7	8.2	ANO: 5 Left Costals
29-Aug-11			11R9L	Nest	121	26.4	29.9	25.7	14.7	7.0	
29-Aug-11			11R9L	Nest	121	26.5	28.9	24.9	12.9	5.9	ANO: V5
29-Aug-11			11R9L	Nest	121	24.0	28.2	24.5	14.5	5.8	ANO: V4, V5, 5 Right Costals
30-Aug-11			11R9L	Nest	132	26.6	31.1	28.1	16.2	8.1	ANO: V5
30-Aug-11			11R9L	Nest	132	28.6	32.7	28.0	16.8	9.3	
30-Aug-11			11R9L	Nest	132	28.8	31.7	27.5	17.0	8.8	ANO: V5
30-Aug-11			11R9L	Nest	132	25.9	31.3	27.7	15.7	8.1	
30-Aug-11			11R9L	Nest	132	26.4	30.1	26.2	16.0	7.7	ANO: V5, 5 Right Costals, 5 Left Costals
30-Aug-11			11R9L	Nest	132	25.5	30.0	26.1	14.2	6.7	ANO: V5; 13 Right Marginals
30-Aug-11			11R9L	Nest	132	26.1	31.2	27.6	16.6	8.0	ANO: Fourth Left Costal
30-Aug-11			11R9L	Nest	132	28.3	32.1	28.0	16.8	8.8	ANO: Split V5
30-Aug-11			11R9L	Nest	132	26.5	30.9	27.0	16.5	8.1	ANO: V5
30-Aug-11			11R9L	Nest	132	25.8	30.4	26.5	15.7	7.2	ANO:13 Right Marginals
30-Aug-11			11R9L	Nest	132	28.3	32.7	29.0	16.6	8.9	ANO: V5
30-Aug-11			11R9L	Nest	132	26.9	31.9	28.2	16.3	8.3	
30-Aug-11			11R9L	Nest	132	27.1	31.2	27.8	16.6	8.3	ANO: Fourth Left Costal
30-Aug-11			11R9L	Nest	132	27.3	30.9	27.2	16.7	8.1	ANO: 5 Left Costals; 5 Right Costals
31-Aug-11			11R9L	Nest	105	29.0	33.7	29.3	16.4	9.0	
31-Aug-11			11R9L	Nest	105	27.4	30.9	27.3	16.4	7.6	
31-Aug-11			11R9L	Nest	113	26.3	31.5	28.3	15.4	8.3	ANO: Fourth Left Costal, 22 Marginals, 3 Right Costals,
31-Aug-11			11R9L	Nest	113	29.1	32.1	29.4	16.0	8.8	ANO: 4 Right Costals
31-Aug-11			11R9L	Nest	113	27.1	31.7	29.4	16.3	8.5	
31-Aug-11			11R9L	Nest	113	28.1	31.9	27.6	15.9	8.2	
31-Aug-11			11R9L	Nest	113	27.8	32.3	28.9	15.0	8.4	
31-Aug-11			11R9L	Nest	113	27.7	32.1	28.5	15.6	8.3	
31-Aug-11			11R9L	Nest	113	27.5	31.6	27.6	15.6	8.0	
1-Sep-11			11R9L	Nest	152	26.2	30.9	28.8	16.2	8.5	
1-Sep-11			11R9L	Nest	152	27.0	31.6	28.0	15.8	7.9	
1-Sep-11			11R9L	Nest	105	28.9	33.9	29.6	16.5	8.6	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
1-Sep-11			11R9L	Nest	113	28.5	32.0	28.5	15.6	8.0	
1-Sep-11			11R9L	Nest	?	28.6	30.7	28.7	15.7	7.3	ANO: 6 Left Costals; Found next to nest 72
1-Sep-11			11R9L	Nest	103	28.5	32.5	28.6	16.1	8.2	
1-Sep-11			11R9L	Nest	103	28.3	33.1	27.9	15.7	8.1	
1-Sep-11			11R9L	Nest	103	27.9	32.1	27.7	16.0	7.8	
1-Sep-11			11R9L	Nest	103	28.4	32.7	28.6	15.0	7.9	
1-Sep-11			11R9L	Nest	103	28.7	33.0	28.4	16.0	7.9	
1-Sep-11			11R9L	Nest	103	27.9	32.6	27.9	15.3	8.1	
1-Sep-11			11R9L	Nest	103	27.2	31.6	27.3	15.6	7.1	
1-Sep-11			11R9L	Nest	103	27.5	32.5	27.9	15.7	7.8	
1-Sep-11			11R9L	Nest	103	28.1	32.3	27.5	15.4	7.8	
1-Sep-11			11R9L	Nest	103	27.1	31.9	28.4	15.9	8.0	
1-Sep-11			11R9L	Nest	103	27.7	33.0	29.7	16.0	8.0	
1-Sep-11			11R9L	Nest	103	27.4	31.9	28.4	15.9	7.8	
1-Sep-11			11R9L	Nest	72	28.4	32.0	28.4	15.2	7.5	
1-Sep-11			11R9L	Nest	103	26.6	31.8	27.5	16.1	7.4	
1-Sep-11			11R9L	Nest	103	26.9	32.9	28.3	15.2	7.4	
1-Sep-11			11R9L	Nest	105	27.1	31.2	27.4	15.7	7.8	
1-Sep-11			11R9L	Nest	105	26.3	30.6	27.5	15.6	7.9	
1-Sep-11			11R9L	Nest	105	24.9	30.4	26.1	15.8	6.7	
1-Sep-11			11R9L	Nest	105	25.7	30.4	26.9	15.9	7.8	
1-Sep-11			11R9L	Nest	105	26.3	30.3	27.2	16.4	8.1	ANO: 26 Marginals
1-Sep-11			11R9L	Nest	105	25.2	30.1	26.8	15.7	7.3	ANO: 5 Right Costals, 6 Left Costals, 26 Marginals
1-Sep-11			11R9L	Nest	105	25.9	30.5	27.2	15.9	7.6	
1-Sep-11			11R9L	Nest	105	25.7	30.4	27.1	15.8	7.6	
1-Sep-11			11R9L	Nest	105	23.9	28.8	26.6	14.5	6.5	
1-Sep-11			11R9L	Nest	105	25.5	31.1	27.4	15.3	7.7	ANO: V3, V4, V5, 5 Right Costals, 5 Left Costals, 13 Right Marginals
1-Sep-11			11R9L	Nest	105	26.8	30.2	27.4	16.4	8.3	ANO: V2, 5 Right Costals
1-Sep-11			11R9L	Nest	105	24.9	29.7	26.5	15.1	7.0	
2-Sep-11			11R9L	Nest	72	27.4	30.8	27.5	14.9	6.6	
2-Sep-11			11R9L	Nest	27	20.5	26.3	21.5	12.8	3.8	ANO: V5, 13 Left Costals
2-Sep-11			11R9L	Nest	27	20.4	25.4	22.3	13.1	4.3	ANO: V4

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
6-Sep-11			11R9L	Nest	105	27.5	31.6	27.8	16.4	7.4	
6-Sep-11			11R9L	Nest	163	29.4	31.5	28.2	16.9	8.6	ANO: Split V4 and V5, 5 Right Costals, 5 Left Costals
6-Sep-11			11R9L	Nest	163	25.4	27.0	24.4	15.9	6.4	ANO: Plastron, 3 Scutes in the Fourth Row
6-Sep-11			11R9L	Nest	163	27.4	29.5	26.9	16.6	7.5	ANO: Plastron, 3 Scutes in the Fourth Row, 4 Scutes in Fifth Row
6-Sep-11			11R9L	Nest	35	25.6	29.9	26.7	15.6	6.8	
6-Sep-11			11R9L	Nest	35	24.9	29.5	25.3	14.9	6.2	
6-Sep-11			11R9L	Nest	35	24.0	28.8	25.3	14.7	5.9	
6-Sep-11			11R9L	Nest	35	27.0	30.6	26.6	15.2	7.1	
6-Sep-11			11R9L	Nest	154	24.6	29.4	25.8	15.7	6.2	
6-Sep-11			11R9L	Nest	154	26.7	30.2	27.6	15.0	7.1	ANO: Plastron, Split First Row
6-Sep-11			11R9L	Nest	154	25.7	30.2	26.7	15.6	6.9	ANO: V5, Plastron Split First Row
6-Sep-11			11R9L	Nest	154	25.3	29.9	26.5	15.3	6.5	ANO: V4, V5, 5 Right Costals, 5 Left Costals, Plastron, Split First Row
6-Sep-11			11R9L	Nest	154	24.7	25.9	23.2	13.7	5.3	
6-Sep-11			11R9L	Nest	130	28.3	32.9	28.4	17.0	8.6	
6-Sep-11			11R9L	Nest	130	28.7	32.5	27.2	16.3	8.1	
6-Sep-11			11R9L	Nest	130	27.8	32.4	27.0	15.1	7.3	
6-Sep-11			11R9L	Nest	130	25.3	30.2	27.1	15.2	7.0	ANO: V4, 5 Right Costals
6-Sep-11			11R9L	Nest	130	28.1	32.7	26.8	15.6	7.7	ANO: Split Third Left Costal, Split V4, V5
6-Sep-11			11R9L	Nest	130	27.1	32.1	27.1	16.5	8.3	
6-Sep-11			11R9L	Nest	130	27.2	32.7	27.2	16.2	8.0	
6-Sep-11			11R9L	Nest	130	26.3	30.8	26.8	15.3	7.1	
6-Sep-11			11R9L	Nest	130	29.5	33.6	28.0	16.5	8.8	
6-Sep-11			11R9L	Nest	130	24.3	29.9	24.2	14.4	5.9	
6-Sep-11			11R9L	Nest	144	27.5	31.1	27.7	16.4	8.2	
6-Sep-11			11R9L	Nest	144	26.9	31.7	27.3	15.9	7.7	
6-Sep-11			11R9L	Nest	144	23.4	28.0	24.6	14.6	5.7	
6-Sep-11			11R9L	Nest	144	26.5	30.2	26.9	15.4	7.5	
6-Sep-11			11R9L	Nest	144	25.9	30.2	26.7	15.2	7.1	ANO: 11 Right Marginals
6-Sep-11			11R9L	Nest	144	25.4	30.2	26.7	15.1	7.5	
6-Sep-11			11R9L	Nest	144	26.7	30.2	26.0	16.1	7.6	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
6-Sep-11			11R9L	Nest	144	24.5	28.7	26.3	15.5	6.8	
7-Sep-11			11R9L	Nest	36	28.5	32.0	27.5	16.4	7.5	ANO: V5, 5 Left Costals
7-Sep-11			11R9L	Nest	142	22.6	25.7	21.9	13.9	4.8	
7-Sep-11			11R9L	Nest	159	24.4	27.1	24.0	15.0	5.9	
7-Sep-11			11R9L	Nest	159	24.4	28.3	25.5	15.2	6.5	ANO: V5
7-Sep-11			11R9L	Nest	159	27.2	30.8	27.1	16.6	8.2	ANO: V5
7-Sep-11			11R9L	Nest	159	26.2	28.1	25.3	16.1	6.5	ANO: V4, V5, 13 Right Marginals, Extra pair of plasteron scutes
7-Sep-11			11R9L	Nest	130	27.9	31.9	27.8	16.2	7.7	
7-Sep-11			11R9L	Nest	130	27.6	32.1	26.8	16.2	7.8	
7-Sep-11			11R9L	Nest	130	24.5	29.9	25.6	15.5	6.3	
7-Sep-11			11R9L	Nest	144	26.6	29.7	26.2	16.5	7.2	
7-Sep-11			11R9L	Nest	131	23.1	25.9	23.0	14.0	5.7	
7-Sep-11			11R9L	Nest	131	25.0	29.7	27.9	16.5	7.4	
7-Sep-11			11R9L	Nest	131	22.8	27.6	24.9	13.7	6.0	
7-Sep-11			11R9L	Nest	131	27.4	31.5	27.7	15.2	7.8	
7-Sep-11			11R9L	Nest	131	25.8	30.7	27.3	15.2	7.5	
7-Sep-11			11R9L	Nest	131	28.1	32.3	28.2	16.1	8.2	
7-Sep-11			11R9L	Nest	131	25.8	29.1	26.2	14.8	6.8	
7-Sep-11			11R9L	Nest	131	28.3	31.8	27.9	15.1	8.1	
7-Sep-11			11R9L	Nest	131	24.8	29.8	27.2	14.9	6.8	
7-Sep-11			11R9L	Nest	131	23.6	28.6	26.4	13.9	6.3	
7-Sep-11			11R9L	Nest	131	28.0	31.6	28.6	15.2	8.8	
7-Sep-11			11R9L	Nest	131	27.6	31.1	28.0	16.3	8.0	
7-Sep-11			11R9L	Nest	147	26.8	30.1	28.6	14.7	7.6	
7-Sep-11			11R9L	Nest	147	27.9	31.9	28.8	16.3	8.4	
7-Sep-11			11R9L	Nest	147	27.7	31.3	28.0	15.7	8.0	
7-Sep-11			11R9L	Nest	147	27.2	31.4	28.3	14.8	7.6	
7-Sep-11			11R9L	Nest	147	29.1	32.7	28.7	16.1	8.6	
7-Sep-11			11R9L	Nest	147	29.0	31.3	27.7	15.7	8.4	
7-Sep-11			11R9L	Nest	147	27.5	31.6	27.8	15.8	8.2	
7-Sep-11			11R9L	Nest	147	28.1	32.5	28.4	15.2	8.4	
8-Sep-11			11R9L	Nest	50	27.2	31.9	28.4	15.3	8.0	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
8-Sep-11			11R9L	Nest	50	26.6	30.5	28.1	14.5	7.4	
8-Sep-11			11R9L	Nest	50	26.7	30.9	28.5	15.2	7.6	
8-Sep-11			11R9L	Nest	50	28.2	32.5	28.2	16.1	8.0	
8-Sep-11			11R9L	Nest	50	28.3	31.6	28.2	14.6	7.5	
8-Sep-11			11R9L	Nest	50	27.3	30.6	28.4	16.0	7.5	
8-Sep-11			11R9L	Nest	50	26.7	30.3	28.6	15.3	7.6	
8-Sep-11			11R9L	Nest	50	27.5	31.4	27.2	16.3	7.5	
8-Sep-11			11R9L	Nest	50	27.3	30.6	28.5	15.6	7.9	
8-Sep-11			11R9L	Nest	50	30.3	33.5	29.3	15.3	8.2	
8-Sep-11			11R9L	Nest	50	28.2	33.4	28.7	15.2	8.4	
8-Sep-11			11R9L	Nest	50	27.0	31.7	29.0	16.5	7.8	
8-Sep-11			11R9L	Nest	50	27.0	30.5	29.3	15.7	7.9	
8-Sep-11			11R9L	Nest	50	27.0	30.4	29.2	15.2	7.6	
8-Sep-11			11R9L	Nest	50	27.5	30.3	28.8	15.9	7.5	
8-Sep-11			11R9L	Nest	50	28.1	31.6	28.8	15.7	7.9	
8-Sep-11			11R9L	Nest	72	27.0	31.1	28.7	15.4	7.5	
8-Sep-11			11R9L	Nest	159	26.9	29.2	27.5	15.9	7.8	
13-Sep-11			11R9L	Nest	206	26.0	30.6	26.4	15.6	7.6	ANO: V1
13-Sep-11			11R9L	Nest	79	28.7	32.0	29.1	15.9	8.6	
13-Sep-11			11R9L	Nest	159	25.7	27.7	26.1	15.1	6.7	ANO: V5, V1, 3 Right Costals, 26 Marginals, Extremely Small Fourth Left Costal
13-Sep-11			11R9L	Nest	159	24.1	28.5	25.6	14.4	6.1	ANO: V5, 26 Marginals, Extra Plastron Scute in Second Row
13-Sep-11			11R9L	Nest	159	25.4	29.5	27.1	15.5	7.2	ANO: First Row of Plastron Scutes
13-Sep-11			11R9L	Nest	105	27.2	30.1	27.7	16.1	7.7	
13-Sep-11			11R9L	Nest	105	26.5	30.3	27.6	15.1	7.6	ANO: 13 Right Marginals
13-Sep-11			11R9L	Nest	105	26.4	30.5	27.2	16.0	7.5	ANO: 13 Right Marginals, 5 Left Costals
13-Sep-11			11R9L	Nest	152	26.5	32.0	28.9	16.3	9.1	
13-Sep-11			11R9L	Nest	152	26.8	31.8	29.3	15.9	8.7	ANO: 1 Row of Plastron Scutes
13-Sep-11			11R9L	Nest	152	28.3	32.5	27.9	16.3	8.8	
13-Sep-11			11R9L	Nest	152	24.4	29.6	26.2	15.0	7.2	
13-Sep-11			11R9L	Nest	152	25.2	30.9	28.2	16.3	8.1	
13-Sep-11			11R9L	Nest	152	25.6	31.9	28.7	15.4	8.2	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
13-Sep-11			11R9L	Nest	152	25.4	30.8	27.2	16.5	7.9	
13-Sep-11			11R9L	Nest	152	27.0	32.2	28.4	15.8	8.5	
13-Sep-11			11R9L	Nest	152	26.9	32.3	28.5	16.9	8.9	ANO: V5, 26 Marginals
13-Sep-11			11R9L	Nest	152	25.9	30.4	26.9	15.3	7.6	ANO: V4, V5, Fourth and Fifth Rows on the Plasteron
14-Sep-11			11R9L	Nest	132	29.0	33.4	28.6	16.9	9.0	ANO: V5, 5 Right Costals, 5 Left Costals
15-Sep-11			11R9L	Nest	129	23.7	27.6	23.7	13.9	5.3	ANO: V4, V5
15-Sep-11			11R9L	Nest	49	27.9	33.3	30.2	15.4	8.6	ANO: V5
15-Sep-11			11R9L	Nest	49	25.2	29.3	28.6	14.2	6.8	ANO: 3 Left Costals, 10 Left Marginals, Missing Plastron Scute on Left Side
15-Sep-11			11R9L	Nest	49	27.4	32.5	28.4	15.1	7.9	
15-Sep-11			11R9L	Nest	49	26.7	32.1	29.0	15.6	8.1	
15-Sep-11			11R9L	Nest	49	25.0	31.9	28.2	15.4	7.0	
15-Sep-11			11R9L	Nest	49	25.2	30.4	27.2	15.1	6.7	
15-Sep-11			11R9L	Nest	49	23.6	28.4	24.3	14.9	6.2	ANO: Split V5
15-Sep-11			11R9L	Nest	65	24.2	29.2	26.3	15.2	6.4	
15-Sep-11			11R9L	Nest	65	24.8	29.4	26.5	13.9	6.0	
15-Sep-11			11R9L	Nest	65	24.3	28.6	24.9	14.1	5.9	
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
22-Jul-11				Nest	3						Deceased, Placed in Freezer before being processed
1-Aug-11				Nest	26						Deceased, Found when nest was dug, Placed in Freezer before being processed
1-Aug-11				Nest	26						Deceased, Found when nest was dug, Placed in Freezer before being processed
20-Sep-11			11R9L	Nest	144	26.8	30.2	27.1	15.5	7.2	
21-Sep-11			11R9L	Nest	133	26.5	31.0	27.1	14.8	7.3	
21-Sep-11			11R9L	Nest	133	27.4	31.6	28.2	15.4	8.1	
21-Sep-11			11R9L	Nest	133	27.0	31.5	26.5	15.8	7.7	ANO: V5
21-Sep-11			11R9L	Nest	133	26.2	31.5	28.1	16.3	7.9	
21-Sep-11			11R9L	Nest	133	26.7	31.3	27.3	15.2	7.2	
21-Sep-11			11R9L	Nest	133	26.9	30.8	26.1	15.4	7.3	
21-Sep-11			11R9L	Nest	133	26.6	31.4	27.4	15.4	7.4	
21-Sep-11			11R9L	Nest	133	26.9	32.0	28.1	15.7	8.0	
21-Sep-11			11R9L	Nest	133	27.2	31.8	27.1	16.5	8.0	
21-Sep-11			11R9L	Nest	133	27.1	32.3	27.5	16.8	8.5	ANO: V5
21-Sep-11			11R9L	Nest	133	27.8	32.2	27.3	17.0	8.3	
21-Sep-11			11R9L	Nest	134	26.7	30.9	27.4	16.0	7.7	ANO: V5
21-Sep-11			11R9L	Nest	134	27.6	32.8	28.4	15.9	8.6	
21-Sep-11			11R9L	Nest	134	26.1	30.7	25.7	15.1	6.6	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
21-Sep-11			11R9L	Nest	134	27.3	32.9	28.9	16.6	8.4	
21-Sep-11			11R9L	Nest	134	26.7	31.9	26.7	15.8	7.9	
21-Sep-11			11R9L	Nest	134	26.9	31.0	26.4	15.5	7.2	
21-Sep-11			11R9L	Nest	134	28.5	33.0	28.0	15.7	8.2	
21-Sep-11			11R9L	Nest	134	27.5	32.1	27.2	16.6	8.3	
21-Sep-11			11R9L	Nest	134	27.6	33.2	27.4	16.1	8.5	
21-Sep-11			11R9L	Nest	134	28.5	31.9	27.4	16.4	8.2	
22-Sep-11			11R9L	Nest	144	25.0	29.4	26.0	14.9	6.3	
22-Sep-11			11R9L	Nest	144	27.1	30.6	27.9	15.7	7.4	ANO: 7 Vertebrals, Split Second Left Costal
22-Sep-11			11R9L	Nest	144	19.1	23.7	19.3	13.8	3.8	ANO: Split V5, Unhealthy looking
23-Sep-11			11R9L	Nest	146	25.2	29.1	26.2	15.5	7.0	
23-Sep-11			11R9L	Nest	146	22.3	26.9	23.7	14.0	5.4	
23-Sep-11			11R9L	Nest	146	22.4	27.4	24.0	14.2	5.4	
23-Sep-11	36432		11R9L	Nest	140	27.1	31.7	28.5	15.9	8.5	
23-Sep-11	36433	36434	11R9L	Nest	140	27.7	32.4	28.4	16.5	8.2	ANO: 6 Left Costals, 13 Right Marginals
23-Sep-11	36435		11R9L	Nest	140	27.4	32.0	28.2	16.3	8.7	
23-Sep-11	36436	36437	11R9L	Nest	140	27.3	32.9	28.9	15.5	7.9	
23-Sep-11	36438	36439	11R9L	Nest	140	27.0	33.1	29.2	15.5	8.6	
23-Sep-11	36440		11R9L	Nest	140	27.5	32.8	28.2	15.5	8.6	
23-Sep-11	36441	36442	11R9L	Nest	140	26.4	32.2	29.6	15.6	8.3	ANO: V5, V1, 26 Marginals
23-Sep-11	36443	36444	11R9L	Nest	140	27.0	31.9	27.1	15.8	8.1	ANO: V5
23-Sep-11	36445		11R9L	Nest	140	26.2	32.2	28.4	15.9	8.3	
23-Sep-11	36446	36447	11R9L	Nest	140	27.0	31.9	26.9	15.5	7.6	ANO: V4, 5 Right Costals, 5 Left Costals, 26 Marginals, Plasteron (Last Row)
23-Sep-11	36448		11R9L	Nest	140	26.8	32.0	27.9	16.0	8.1	ANO: V5
23-Sep-11	36449	36450	11R9L	Nest	140	25.5	32.1	28.1	15.2	8.0	ANO: V3, V4, V5, 5 Left Costals, 26 Marginals
23-Sep-11	36451	36452	11R9L	Nest	140	24.0	30.0	26.5	14.7	6.8	
26-Sep-11	36453		11R9L	Nest	138	29.6	32.5	28.3	15.9	8.7	ANO: V4/V5
26-Sep-11	36454	36455	11R9L	Nest	138	27.3	31.1	27.2	16.1	8.1	ANO:V5
26-Sep-11	36456		11R9L	Nest	138	28.6	32.8	29.6	16.0	8.7	
26-Sep-11	36458		11R9L	Nest	138	28.7	33.0	29.2	15.6	8.7	
26-Sep-11	36459	36460	11R9L	Nest	138	27.9	32.2	29.5	16.2	8.7	
26-Sep-11	36461		11R9L	Nest	138	28.2	32.1	27.9	16.4	8.2	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
26-Sep-11	36462	36463	11R9L	Nest	138	27.9	31.2	28.1	15.1	7.6	
26-Sep-11	36464		11R9L	Nest	138	28.5	32.1	28.7	15.6	8.5	
26-Sep-11	36466		11R9L	Nest	138	27.6	31.8	25.9	15.7	8.4	
26-Sep-11	36467	36468	11R9L	Nest	138	28.4	32.0	29.1	14.9	8.5	ANO: V5
26-Sep-11	36469		11R9L	Nest	138	28.8	31.9	28.2	15.9	8.5	
27-Sep-11	36474		11R9L11L	Nest	149	25.7	30.1	25.9	15.5	6.6	Headstart
27-Sep-11	36475	36476	11R9L	Nest	149	28.4	32.8	29.3	15.4	9.3	ANO: V5. Plastron
27-Sep-11	36477		11R9L	Nest	149	28.8	32.8	28.0	16.0	8.4	
27-Sep-11	36479		9R11R9L	Nest	138	24.4	23.9	25.0	13.4	5.8	Headstart; ANO: V4, V5, 26 Marginals, Plastron
29-Sep-11	36480	36481	11R9L	Nest	161	19.0	23.9	21.2	15.5	5.0	
29-Sep-11	36482		11R9L	Nest	161	22.1	26.0	22.9	14.5	5.7	
29-Sep-11	36483	36484	11R9L	Nest	146	23.6	28.0	25.4	14.4	5.9	
29-Sep-11	36485	36486	11R9L	Nest	35	26.1	30.9	27.0	16.0	7.3	
29-Sep-11	36487		11R9L	Nest	154	22.3	27.2	22.3	14.0	5.2	
29-Sep-11	36488	36489	11R9L	Nest	167	25.7	29.2	26.9	14.0	6.4	
29-Sep-11	36490	36491	11R9L	Nest	167	27.5	30.7	27.5	15.4	7.9	ANO: V5
29-Sep-11	36492		11R9L	Nest	167	26.7	30.3	27.2	15.9	7.7	
29-Sep-11	36493	36494	11R9L	Nest	167	26.5	30.9	27.5	15.9	8.0	
29-Sep-11	36495	36496	11R9L	Nest	167	24.4	27.2	25.3	13.9	5.5	ANO: V5
30-Sep-11	36497		11R9L	Nest	142	21.1	26.0	22.1	13.3	4.7	
30-Sep-11	36498	36499	11R9L	Nest	142	22.9	27.8	23.4	14.0	5.1	
30-Sep-11	36582		11R9L	Nest	142	23.7	27.3	24.0	14.4	5.3	
30-Sep-11	36583		11R9L	Nest	142	24.2	28.0	24.5	14.0	5.4	
30-Sep-11	36584	36585	11R9L	Nest	142	22.8	27.6	24.0	14.4	5.4	
30-Sep-11	36586		11R9L	Nest	142	21.2	24.3	20.4	13.7	4.2	
30-Sep-11	36587	36588	11R9L	Nest	142	23.8	28.4	24.9	14.2	5.5	
30-Sep-11	36589	36590	11R9L	Nest	142	22.2	27.3	24.5	13.8	5.3	
30-Sep-11	36591		11R9L	Nest	142	23.5	28.0	24.7	14.4	5.6	
30-Sep-11	36592	36593	11R9L	Nest	210	27.6	31.1	28.5	16.8	8.7	ANO: V1, 8 Vertebrals, 5 Right Costals, 5 Left Costals, 26 Marginals, Plastron (in 4 spots)
30-Sep-11	36594		11R9L	Nest	138	28.2	31.4	28.2	15.1	7.3	
30-Sep-11	36595	36596	11R9L	Nest	167	24.0	27.3	24.7	14.5	5.6	ANO Plastron (5th Row)
30-Sep-11	36597	36598	11R9L	Nest	58	27.4	31.2	26.9	15.8	7.1	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
30-Sep-11	36599	36600	11R9L	Nest	58	25.9	30.7	26.1	15.9	7.0	
30-Sep-11	36601	36602	11R9L	Nest	58	27.0	30.2	26.2	15.4	6.6	
30-Sep-11	36603		11R9L	Nest	58	27.2	30.9	26.9	16.4	7.4	
30-Sep-11	36604		11R9L	Nest	160	25.8	30.3	26.0	15.6	7.0	
30-Sep-11	36605	36606	11R9L	Nest	160	23.6	28.0	24.8	14.2	5.4	
30-Sep-11	36607	36608	11R9L	Nest	160	23.6	28.2	25.0	13.6	5.5	
30-Sep-11	36609		11R9L	Nest	160	22.3	26.5	23.7	13.6	5.0	ANO: V5, Second Right Costal
30-Sep-11	36610		11R9L	Nest	160	27.4	31.1	27.7	15.8	7.5	
30-Sep-11	36612		11R9L	Nest	160	26.2	31.5	28.5	15.4	7.7	
30-Sep-11	36613	36614	11R9L	Nest	160	26.1	29.7	26.3	15.0	6.5	
30-Sep-11	36615		11R9L	Nest	160	23.5	27.8	25.3	14.5	5.5	ANO: V5, 5 Right Costals, 6 Left Costals
30-Sep-11	36616	36617	11R9L	Nest	160	26.7	31.3	28.0	15.8	7.2	
30-Sep-11	36618	36619	11R9L	Nest	160	24.5	29.6	26.7	15.0	6.6	
30-Sep-11	36620		11R9L	Nest	160	25.5	30.2	28.2	14.7	6.9	ANO: V5, Split Fourth Left Costal, 13 Right Marginals
7-Oct-11	36621	36622	11R9L	Nest	160	28.2	32.0	28.1	15.9	8.4	ANO: V5, 2nd Left Marginal, 5 Right Costals, 6 Left Costals, 26 marginals
7-Oct-11	36623	36624	11R9L	Nest	58	26.7	31.1	26.9	16.3	7.0	
11-Oct-11	36625		11R9L	Nest	58	27.6	30.3	26.2	16.0	7.2	
11-Oct-11	36626	36627	11R9L	Nest	167	28.0	30.6	28.7	16.0	7.5	
11-Oct-11	36628	36629	11R9L	Nest	162	25.9	29.3	27.1	14.6	6.6	ANO: Split V5
11-Oct-11	36630		11R9L	Nest	162	26.4	30.7	26.8	14.7	7.2	ANO: 10 Costals
11-Oct-11	36631	36632	11R9L	Nest	162	28.3	31.6	27.3	15.2	8.0	
11-Oct-11	36633		11R9L	Nest	162	25.8	29.3	26.3	14.4	6.4	ANO: Split V4, 10 Costals
11-Oct-11	36634	36635	11R9L	Nest	162	25.6	28.5	25.4	14.1	6.0	ANO: 5 Left Costals
11-Oct-11	36636	36637	11R9L	Nest	162	23.3	27.9	25.2	14.6	5.8	
11-Oct-11	36638		11R9L	Nest	162	23.9	27.9	23.7	16.3	5.7	
11-Oct-11	36639	36640	11R9L	Nest	162	23.9	28.0	24.3	14.0	5.6	
11-Oct-11	36641	36642	11R9L	Nest	162	25.5	29.3	25.6	15.2	6.3	ANO: Split V5
11-Oct-11	36643		11R9L	Nest	162	26.9	30.7	26.2	15.4	7.3	ANO: V5, 10 Costals
11-Oct-11	36644		11R9L	Nest	162	24.5	27.9	25.5	14.4	5.9	
11-Oct-11	36645	36646	11R9L	Nest	162	23.1	28.5	25.7	15.0	6.1	
11-Oct-11	36647	36648	11R9L	Nest	165	28.5	31.5	28.8	15.8	8.0	ANO: Last Row of the Plastron

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
11-Oct-11	36649		11R9L	Nest	165	28.5	31.8	26.5	15.6	7.0	Curly Tail!!
11-Oct-11	36650	36651	11R9L	Nest	165	28.6	31.9	27.7	16.1	7.7	ANO: V1
11-Oct-11	36652	36653	11R9L	Nest	165	27.8	31.4	28.0	15.3	7.4	ANO: V5
11-Oct-11	36654		11R9L	Nest	165	25.9	30.4	26.6	15.2	6.8	
11-Oct-11	36655	36656	11R9L	Nest	165	27.9	30.6	26.9	14.6	6.9	
11-Oct-11	36657	36658	11R9L	Nest	165	27.4	29.7	26.4	15.3	7.0	ANO:V1, 7 Vertebrals, Split Second Left Costal, 6 Right Costals, 22 Marginals
11-Oct-11	36659		11R9L	Nest	165	24.2	28.5	24.8	14.1	5.7	
11-Oct-11	36661		11R9L	Nest	165	28.1	31.1	28.1	14.6	7.2	
11-Oct-11	814		11R9L	Nest	165	26.3	29.7	25.6	14.3	6.1	
11-Oct-11	815	816	11R9L	Nest	165	29.8	33.2	28.9	16.6	8.8	ANO: Fourth row of plastron
11-Oct-11	817	818	11R9L	Nest	165	29.1	32.3	29.3	15.7	8.2	ANO: V4 and V5, Last Row of Plastron Scutes
11-Oct-11	819		11R9L	Nest	165	26.8	29.7	27.1	15.6	6.8	
20-Oct-11	820	821	11R9L	Nest	175	24.0	27.4	24.6	13.7	5.5	ANO: Split V4 and V5, 10 Costals, 14 Right Marginals, 13 Left Marginals
20-Oct-11	822	823	11R9L	Nest	175	30.2	32.9	29.7	16.1	9.3	
20-Oct-11	824		11R9L	Nest	175	27.1	30.9	27.7	15.6	7.7	ANO: Split V5, 26 Marginals, 5 Right Costals
20-Oct-11	825		11R9L	Nest	175	28.8	31.7	28.2	15.8	8.0	ANO: Split V5, 10 Costals
20-Oct-11	827		11R9L	Nest	175	28.5	31.2	29.7	16.0	8.7	ANO: Split V5, 10 Costals
20-Oct-11	828	829	11R9L	Nest	175	27.4	29.7	28.5	14.7	7.6	ANO: V5, 5 Right Costals
20-Oct-11	830	831	11R9L	Nest	175	23.8	28.4	26.4	14.6	6.0	ANO: 13 Right Marginals, 10 Costals
20-Oct-11	832		11R9L	Nest	175	28.7	31.5	28.6	16.4	8.6	ANO: 7 Vertebrals
20-Oct-11	833	834	11R9L	Nest	175	26.5	29.9	27.1	15.2	7.3	ANO: V5
20-Oct-11	835	836	11R9L	Nest	175	28.3	32.2	29.8	16.1	8.9	ANO: Split V4 and V5, 6 Right costals, 26 marginals
21-Oct-11	838	839	11R9L	Nest	111	25.2	30.3	26.6	14.8	6.5	
21-Oct-11	840	841	11R9L	Nest	111	25.0	29.8	27.1	15.5	6.9	
21-Oct-11	842		11R9L	Nest	111	28.3	32.7	27.9	16.6	8.3	
21-Oct-11	843	844	11R9L	Nest	111	28.3	33.0	28.2	16.8	8.4	
21-Oct-11	845		11R9L	Nest	111	22.9	28.5	25.8	15.6	6.0	
21-Oct-11	846	847	11R9L	Nest	111	28.5	33.3	29.1	17.2	9.0	
21-Oct-11	848	849	11R9L	Nest	111	28.2	32.8	28.9	16.2	8.6	
21-Oct-11	850		11R9L	Nest	111	27.9	33.5	29.2	16.7	8.4	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
21-Oct-11	851	852	11R9L	Nest	111	26.4	30.9	26.7	16.5	7.4	
26-Oct-11	853		11R9L	Nest	128	29.2	32.1	27.6	15.6	7.4	
26-Oct-11	855		11R9L	Nest	128	28.3	31.3	26.9	15.6	7.3	
26-Oct-11	856	857	11R9L	Nest	107	29.5	33.4	28.2	16.8	8.5	
26-Oct-11	858		11R9L	Nest	107	28.8	33.3	28.9	16.2	8.6	
26-Oct-11	859	860	11R9L	Nest	107	27.5	32.6	28.8	17.2	8.5	
26-Oct-11	861	862	11R9L	Nest	107	28.9	33.3	28.0	17.2	8.3	
26-Oct-11	863		11R9L	Nest	107	28.9	34.1	29.0	17.1	8.7	
26-Oct-11	864	865	11R9L	Nest	107	28.6	33.0	28.2	16.9	8.2	ANO: V5, 5 Right Costals
26-Oct-11	866	867	11R9L	Nest	107	29.3	33.3	29.1	16.1	9.0	
26-Oct-11	868		11R9L	Nest	107	29.1	33.9	28.8	15.5	8.0	
26-Oct-11	869	870	11R9L	Nest	107	27.7	33.2	29.1	16.2	8.6	
26-Oct-11	871		11R9L	Nest	107	29.1	33.6	28.7	16.5	8.4	
26-Oct-11	872	873	11R9L	Nest	107	28.8	33.5	29.2	16.2	8.6	
26-Oct-11	874	875	11R9L	Nest	107	28.6	33.1	28.5	16.3	8.5	
26-Oct-11	876		11R9L	Nest	14	29.7	33.3	28.3	17.5	8.5	ANO: V5
26-Oct-11	877	878	11R9L	Nest	14	28.5	32.7	28.0	17.5	7.9	ANO: 5 Left Costals
26-Oct-11	879	880	11R9L	Nest	14	29.4	32.7	27.6	16.9	8.4	
26-Oct-11	881		11R9L	Nest	14	29.9	33.8	28.5	16.4	8.3	
26-Oct-11	882	883	11R9L	Nest	14	28.7	31.0	27.3	16.3	7.7	ANO: Split V4 and V5, 5 Left Costals
26-Oct-11	884	885	11R9L	Nest	14	29.2	32.6	28.4	16.5	8.1	ANO: 7 Vertebrals, 6 Right Costals, 5 Left Costals, 26 Marginals
26-Oct-11	886		11R9L	Nest	14	28.7	31.4	28.4	15.7	8.1	ANO: Split V5, 5 Right Costals, 5 Left Costals
26-Oct-11	887	888	11R9L	Nest	14	28.8	31.6	28.3	16.0	7.9	ANO: V5 and first row of plastron scutes
26-Oct-11	889		11R9L	Nest	14	29.6	31.5	27.7	16.5	8.0	ANO: V5, 5 Right Costals, 13 Right Marginals
26-Oct-11	890	891	11R9L	Nest	14	28.2	29.6	26.6	16.6	7.0	ANO: 5 Right Costals, 7 Vertebrals, first row of plastron scutes, lopsided carapace
26-Oct-11	892	893	11R9L	Nest	14	29.2	32.3	28.6	16.0	7.9	ANO: V5
26-Oct-11	894		11R9L	Nest	14	28.3	30.9	27.8	16.3	7.5	ANO: V5, 5 Left Costals, and first and second row of plastron
26-Oct-11	895	896	11R9L	Nest	141	27.6	31.9	27.7	15.5	7.5	
26-Oct-11	36500		11R9L	Nest	141	27.2	32.4	28.8	15.4	7.4	
26-Oct-11	36501	36502	11R9L	Nest	141	26.5	32.5	28.8	15.4	7.7	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
26-Oct-11	36503	36504	11R9L	Nest	141	27.4	31.6	28.2	15.4	7.2	
26-Oct-11	36505		11R9L	Nest	141	26.8	31.7	30.0	15.8	7.6	
26-Oct-11	36506	36507	11R9L	Nest	141	27.1	30.8	27.8	15.7	7.3	
26-Oct-11	36508	36509	11R9L	Nest	141	26.5	31.0	28.4	14.7	6.9	
26-Oct-11	36510		11R9L	Nest	141	27.5	33.3	28.7	15.7	7.5	
26-Oct-11	36511	36512	11R9L	Nest	141	26.8	31.4	28.1	15.9	7.5	
26-Oct-11	36513		11R9L	Nest	141	27.2	31.9	27.8	15.8	7.2	
26-Oct-11	36514	36515	11R9L	Nest	141	28.2	31.6	28.1	15.6	7.4	
27-Oct-11	36518		11R9L	Nest	141	28.1	31.5	28.8	15.4	8.0	
27-Oct-11	36519	36520	11R9L	Nest	141	24.8	30.3	28.0	15.2	6.9	
4s	36521	36522	11R10L	Nest	109	27.9	32.3	27.7	15.3	7.3	
	36523		11R10L	Nest	120	25.3	28.4	26.1	13.9	5.3	
	36524	36525	11R10L	Nest	147	29.8	33.7	30.0	16.4	8.6	
	36527	36528	11R10L	Nest	147	27.7	32.9	29.1	15.4	8.9	
	36528		11R10L	Nest	147	24.7	30.2	27.5	14.8	6.8	
	36529	36530	11R10L	Nest	147	27.9	30.7	27.6	14.8	6.7	
	36531	36532	11R10L	Nest	147	24.8	28.1	24.9	14.6	6.0	
	36533		11R10L	Nest	131	29.4	34.2	29.9	15.9	8.7	
########	36534		11R10L	Nest	125	27.1	30.8	28.0	161.0	7.7	
########	36535	36536	11R10L	Nest	120	24.2	27.8	25.0	14.1	5.3	
########				Nest	198						Found eaten in ring
########	36537	36538	11R10L	Nest	198	28.9	32.3	28.6	15.9	7.7	
########	36539		11R10L	Nest	198	29.0	32.9	28.5	16.7	8.6	
########	36540	36541	11R10L	Nest	198	28.9	32.4	27.8	16.0	8.0	
########	36542	36543	11R10L	Nest	198	28.6	31.4	26.6	15.6	7.4	
########	36544		11R10L	Nest	161	25.5	27.8	26.2	14.7	6.3	
########	36545	36546	11R10L	Nest	161	23.9	25.7	24.4	14.6	5.4	
########	36547		11R10L	Nest	15	27.8	30.7	26.3	15.5	7.1	
########	36548	36549	11R10L	Nest	15	26.7	31.1	27.1	16.1	7.4	
########	36550	36551	11R10L	Nest	15	28.5	32.7	28.4	17.1	8.5	
########	36552		11R10L	Nest	15	28.7	32.0	28.2	16.6	8.1	
########	36553	36554	11R10L	Nest	15	28.3	31.6	26.5	16.0	7.5	
########	36555	36556	11R10L	Nest	15	26.5	30.1	27.1	15.5	6.5	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
########	36557		11R10L	Nest	31	27.7	31.2	26.5	15.8	7.1	
########	36558	36559	11R10L	Nest	31	28.9	31.5	27.9	16.6	7.5	
########	36560	36561	11R10L	Nest	31	25.9	29.8	26.1	15.2	6.3	ANO V1-V5
########	36562		11R10L	Nest	90	27.1	30.6	20.4	15.4	7.2	ANO V5
########	36563		11R10L	Nest	126	26.3	29.2	25.5	15.9	6.0	
########	36565		11R10L	Nest	126	26.6	28.7	25.1	15.2	5.7	ANO V5
########	36566	36567	11R10L	Nest	198	28.3	32.1	27.9	16.4	7.9	
########	36568		11R10L	Nest	43	28.0	30.7	27.5	16.1	7.1	
########	36569	36570	11R10L	Nest	43	24.6	28.8	27.2	15.3	6.3	13 Marginals right side
########	36571	36572	11R10L	Nest	110	23.0	26.7	22.2	12.4	4.5	ANO V5
########	36573		11R10L	Nest	110	24.6	27.7	23.7	13.8	4.9	
########	36574	36575	11R10L	Nest	110	23.3	26.8	23.2	13.3	4.7	
########	36576	36577	11R10L	Nest	110	22.7	26.4	23.0	13.0	4.6	
########	36578		11R10L	Nest	125	26.8	30.7	27.1	14.5	6.3	
########	36579	36580	11R10L	Nest	125	26.8	31.0	27.5	16.0	7.0	
########	36257		11R10L	Nest	125	28.2	32.7	28.0	15.5	7.3	
########	36259	36260	11R10L	Nest	166	27.1	30.0	27.3	15.2	6.9	
########	36263		11R10L	Nest	166	23.3	26.1	23.4	12.3	4.5	ANO V5
########	36264	36265	11R10L	Nest	166	25.9	28.7	25.6	14.6	5.8	ANO RC
########	36266		11R10L	Nest	166	23.7	26.3	23.8	13.6	4.6	ANO RC, ANO LC
########	36267	36268	11R10L	Nest	168	26.3	30.1	26.5	14.4	6.6	ANO V5, ANO RC, ANO LC
########	36269		11R10L	Nest	168	26.0	29.0	26.4	14.3	5.8	
########	36270	36271	11R10L	Nest	109	28.4	32.5	28.5	15.7	7.7	
########	36272		11R10L	Nest	109	27.4	30.3	27.9	16.4	7.2	
########	36273		11R10L	Nest	109	27.6	31.9	28.3	15.6	7.4	
########	36274	36275	11R10L	Nest	109	27.9	30.9	27.6	15.4	7.2	
########	36277		11R10L	Nest	109	27.3	31.7	28.3	16.3	7.6	Pretty one set aside
########	36278	36279	11R10L	Nest	109	28.1	32.0	28.7	15.5	7.3	
########	36280		11R10L	Nest	109	27.0	30.8	28.3	15.8	7.3	
########	36281	36282	11R10L	Nest	109	27.8	30.6	27.7	15.9	7.0	
########	36283	36284	11R10L	Nest	109	28.0	31.4	28.4	15.7	7.4	
########	36285		11R10L	Nest	109	26.8	30.8	27.4	15.1	6.6	ANO V5
########	36286	36287	11R10L	Nest	109	27.4	31.0	27.5	15.2	7.1	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
########	36289		11R10L			26.8	30.6	29.1	15.6	7.3	Caught on fence, lone ranger
########	36290		11R10L	Nest	147	29.1	33.7	29.6	17.1	8.4	
########	36291	36292	11R10L	Nest	158	25.3	28.1	25.2	14.6	5.5	ANO V5
########	36293		11R10L	Nest	161	26.4	28.6	27.1	14.9	7.0	
########	36294	36295	11R10L	Nest	161	22.0	25.4	23.2	13.6	4.4	
########	36296	36297	11R10L	Nest	161	25.9	28.9	27.0	15.3	6.8	
########	36298		11R10L	Nest	169	26.6	27.7	24.8	14.3	5.5	13 Marginals on right side
########	36299	36300	11R10L	Nest	169	26.3	29.6	27.0	15.4	6.8	
########	36301	36302	11R10L	Nest	176	25.0	26.7	27.1	15.2	6.9	ANO V5, ANO LC, No tail, 13 marginals on right side
########	36303		11R10L	Nest	176	28.0	28.8	26.9	15.8	7.3	ANO LC, ANO V3, ANO V5, 26 marginals
########	36304	36305	11R10L	Nest	176	27.7	24.6	26.6	15.8	6.8	ANO V1-V5, 10 marginals on right, 13 on left
########	36306	36307	11R10L	Nest	176	29.6	28.7	28.1	15.9	7.9	ANO V4-V5, 13 Marginals on left
########	36308		11R10L	Nest	176	26.7	23.5	27.2	16.7	7.0	Messed up tail, ANO V4-5, ANO RC, ANO LC, 4 costals on left, 11 marginals on right, 10 on left
########	36309	36310	11R10L	Nest	155	26.8	29.2	27.2	15.7	6.8	
########	36311		11R10L	Nest	155	27.6	29.8	28.0	15.5	7.0	
########	36312	36313	11R10L	Nest	155	26.1	28.9	29.3	15.4	6.0	
########	36314	36315	11R10L	Nest	155	28.5	30.4	28.6	15.6	7.5	
########	36316		11R10L	Nest	155	26.6	28.9	27.9	14.8	6.4	
########	36317	36318	11R10L	Nest	155	25.6	28.5	27.2	15.6	6.3	
########	36319	36320	11R10L	Nest	155	24.6	26.7	24.6	14.0	5.1	
########	36321		11R10L	Nest	155	28.1	30.6	29.2	16.2	7.7	
########	36322	36323	11R10L	Nest	155	27.8	30.2	27.6	15.6	6.8	
########	36324	36325	11R10L	Nest	155	26.3	28.6	27.8	15.9	6.5	11 Marginals on left
########	36326		11R10L	Nest	160	28.1	32.3	28.4	15.9	7.2	
########	36327	36328	11R10L	Nest	160	27.4	31.6	27.7	15.9	7.2	
########	36329		11R10L	Nest	160	26.9	30.5	28.6	16.4	7.6	26 Marginals
########	36330	36331	11R10L	Nest	160	27.6	31.5	28.6	16.4	7.4	
########	36332	36333	11R10L	Nest	160	27.1	31.4	27.7	15.3	7.0	13 Marginals on right side
########	36334		11R10L	Nest	160	27.6	31.5	28.8	16.0	7.5	
########	36335	36336	11R10L	Nest	160	27.5	32.3	28.4	15.8	7.3	13 Marginals on right side
########	36337		11R10L	Nest	160	27.4	31.7	27.8	15.6	7.0	

Date	ID1	ID2	Notch ID	MOC	Nest Num	Plastron Length	Carapace Length	Shell Width	Shell Height	Mass	COMMENTS
########	00897		11R10L	Nest	160	26.9	31.3	28.2	15.4	7.4	13 Marginals on right side
########	00898	00899	11R10L	Nest	160	28.3	31.6	28.6	16.4	7.9	
########	00900	00901	11R10L	Nest	160	27.0	31.5	28.1	15.8	7.1	
########	00902		11R10L	Nest	160	27.5	30.7	28.4	15.4	7.1	
########	00903	00904	11R10L	Nest	160	27.6	31.2	27.6	16.5	7.3	
########	00905	00906	11R10L	Nest	160	27.3	31.5	27.6	16.5	7.2	
########	00907		11R10L	Nest	160	27.9	31.7	27.7	16.1	7.5	
########	00910	00911	11R10L	Nest	146	18.1	23.5	20.3	12.3	3.0	
########	00912		11R10L	Nest	146	23.7	28.0	24.8	14.5	5.6	
########	00913	00914	11R10L	Nest	123	25.8	29.8	27.6	15.7	6.5	
########	00915		11R10L	Nest	123	26.4	29.7	27.6	15.6	7.3	Anamalous V5
########	00917		11R10L	Nest	123	25.9	29.8	26.8	17.1	7.5	
########	00918	00919	11R10L	Nest	123	23.7	28.1	25.8	15.2	5.8	Anamalous V5
########	00921	00922	11R10L	Nest	123	27.5	31.0	27.3	16.1	7.6	
########	00930		11R10L	Nest	123	26.6	29.7	26.5	16.1	7.2	
########	00931	00932	11R10L	Land		24.6	29.4	27.6	15.8	6.8	Dug up when digging beach
########	00935		11R10L	Land		29.6	32.8	29.0	17.1	8.5	Dug up when digging beach

Day	Month	Year	Notch ID	PIT ID	Sex	Plastron Length	Carapace Length	Width	Height	Weight	DOB	Comments / School
25	April	2012	1R2L	6C00075935	J	69.0	85.0	66.0	34.0	92.0	2011	PERRYHALL MS
25	April	2012	10R10L	0A130A4273	J	58.0	68.0	54.0	30.0	54.0	2011	OUR LADY STAR OF THE SEAS ES
25	April	2012	10R10L	0A130A4328	F	81.0	94.0	77.0	40.0	150.0	2011	ST JOHNS THE EVANGILIST
25	April	2012	1R2L	6C00075948	M	97.0	114.0	93.0	47.0	254.0	2011	GLENELG HS
25	April	2012	1R2L	0A130A426F	M	100.0	122.0	95.0	48.0	278.0	2011	NAVAL ACADEMY PRIMARYS
25	April	2012	10R10L	0A130A431F	J	63.0	74.0	61.0	32.0	74.0	2011	NORTHERN HS
25	April	2012	11R10L	0A130A4315	J	61.0	72.0	56.0	31.0	66.0	2011	SUDBROOK MS
25	April	2012	10R10L	0A130A431B	F	81.0	96.0	80.0	42.0	159.0	2011	SC OF INCARNATION ANAV 5
25	April	2012	11R10L	0A120A4313	F	76.0	88.0	73.0	36.0	118.0	2011	CONOCHEAGUE ES
25	April	2012	1R2L	0A120A434E	J	69.0	83.0	64.0	35.0	89.0	2011	KENT CO HS
25	April	2012	10R10L	0A130A430C	J	75.0	88.0	72.0	38.0	110.0	2011	FRANKLIN MS
25	April	2012	1R2L	0A120A1919	M	91.0	107.0	86.0	45.0	202.0	2011	LIMEKILN MS ANAV 5
25	April	2012	10R10L	0A130A432E	F	136.0	155.0	123.0	64.0	635.0	2011	CALVERT HS
25	April	2012	10R10L	0A120A4336	F	92.0	104.0	89.0	45.0	197.0	2011	LIBERTY HS
25	April	2012	1R2L	0A130A4309	M	80.0	98.0	83.0	39.0	136.0	2011	PAINT BRANCH HS
25	April	2012	10R10L	0A130A426E	J	66.0	79.0	64.0	33.0	83.0	2011	MIDDLE CREEK MS
25	April	2012	10R10L	6C00076454	F	99.0	112.0	90.0	46.0	231.0	2011	HUNTINGTOWN HS
25	April	2012	11R10L	0A120A4279	F	72.0	85.0	66.0	34.0	96.0	2011	CITY NEIGHBORS CS ANAV5
25	April	2012	11R10L	0A130A4279	F	70.0	80.0	64.0	34.0	85.0	2011	PINE GROVE MS
25	April	2012	1R2L	0A130A4274	J	78.0	93.0	77.0	39.0	141.0	2011	ST ANDREWS
25	April	2012	1R2L	0A130A1937	J	62.0	79.0	56.0	32.0	76.0	2011	BROADNECK ES
25	April	2012	11R10L	6C00075878	F	78.0	92.0	72.0	37.0	128.0	2011	ELLIOT MILLER MS
25	April	2012	11R10L	6C00075860	J	84.0	98.0	77.0	39.0	150.0	2011	KENT SCHOOL
25	April	2012	10R10L	0A130A4306	F	99.0	115.0	92.0	49.0	234.0	2011	ST PAUL'S SCHOOL FOR BOYS
25	April	2012	1R2L	0A130A4305	M	85.0	101.0	82.0	41.0	163.0	2011	ST PAUL'S SCHOOL FOR GIRLS
25	April	2012	1R2L	0A130A4307	J	62.0	77.0	66.0	32.0	83.0	2011	CHESAPEAKE ACADEMY
25	April	2012	1R2L	0A130A4331	M	78.0	94.0	77.0	37.0	131.0	2011	WILDE LAKE MS
25	April	2012	11R10L	0A130A4345	J	75.0	87.0	73.0	32.0	106.0	2011	MCDONOUGH HS FLATBACK
25	April	2012	11R10L	6C00076465	F	86.0	100.0	82.0	44.0	173.0	2011	MARRIOTS RIDGE
25	April	2012	10R10L	0A130A4349	F	77.0	93.0	75.0	40.0	131.0	2011	NATIONAL AQ- AQ ON WHEELS
25	April	2012	11R10L	0A130A1926	F	87.0	91.0	74.0	48.0	173.0	2011	FAIRVIEW OUTDOOR SCHOOL KYPHOSIS*
25	April	2012	10R10L	0A130A433B	J	56.0	68.0	52.0	30.0	57.0	2011	NATIONAL AQ- OFFICE

Day	Month	Year	Notch ID	PIT ID	Sex	Plastron Length	Carapace Length	Width	Height	Weight	DOB	Comments / School
25	April	2012	2R11R	0A13654C03	F	83.0	92.0	78.0	41.0	166.0	2011	EDGEWATER- RIESETT
25	April	2012	12R	0A13654C55	F	72.0	84.0	69.0	37.0	109.0	2011	SPES- WOELLPPER
25	April	2012	J1R1L	0A13654C37	F	80.0	96.0	75.0	39.0	142.0	2011	SPES-LEAVITT
25	April	2012	BR1L9L	0A13654C3C	F	84.0	101.0	79.0	42.0	168.0	2011	CHS- WILLIAMS *ODD NOTCH MARK
25	April	2012	12R	0A13654C4C	J	87.0	100.0	81.0	42.0	179.0	2011	CHS- WILLIAMS *ODD NOTCH MARK
25	April	2012	12L	0A13654C40	F	74.0	87.0	69.0	37.0	113.0	2011	BATES MS- SMITH
25	April	2012	12L	0A13654C00	J	71.0	83.0	68.0	35.0	105.0	2011	CROFTON ELEM
25	April	2012	9R	0A13654C19	F	71.0	87.0	69.0	37.0	109.0	2011	CROFTON ELEM
25	April	2012	12L	0A13654B7E	J	63.0	73.0	80.0	30.0	73.0	2011	SOUTHSHORE
25	April	2012	11R9L	0A13643C51	J	53.0	64.0	53.0	27.0	53.0	2011	SOUTHSHORE
25	April	2012	12L	0A13654B74	F	87.0	98.0	84.0	42.0	192.0	2011	HILLTOP ANAV5
25	April	2012	8R	0A13654C4B	F	78.0	91.0	79.0	42.0	166.0	2011	HILLTOP ANAV5
25	April	2012	11R	0A13654C2F	F	103.0	121.0	91.0	50.0	266.0	2011	ARNOLD ES- ROCKY
25	April	2012	10L	0A13654C49	F	93.0	105.0	86.0	45.0	213.0	2011	ARNOLD ES- NIBBLES
26	April	2012	9R10L	0A130A4335	J	81.0	92.0	78.0	41.0	140.0	2011	POPLAR- LUCY
26	April	2012	9R10L	0A130A4316	J	82.0	96.0	81.0	40.0	150.0	2011	POPLAR- ETHEL
26	April	2012	9R10L	0A130434D	F	81.0	93.0	79.0	41.0	145.0	2011	POPLAR- THELMA *9 DIGIT PIT TAG CODE ON SHEET
26	April	2012	9R10L	0A13654B72	F	85.0	94.0	81.0	40.0	156.0	2011	POPLAR- LOUISE
26	April	2012	11R10L	0A130A4272	J	48.0	57.0	45.0	24.0	32.0	2011	POPLAR-WARWICK
26	April	2012	12R10L	0A130A4337	J	52.0	61.0	50.0	26.0	41.0	2011	POPLAR-WARWICK *CODED WIRE TAG LOST
26	April	2012	12R10L	0A13654C3F	J	71.0	85.0	70.0	38.0	115.0	2011	NO SCHOOL NOTED
26	April	2012	12R10L	0A130A432F	J	69.0	77.0	65.0	33.0	89.0	2011	VIEMA- ES- WEBSTER
26	April	2012	12R10L	0A13A4346	J	75.0	87.0	72.0	36.0	122.0	2011	VIEMA-ES- TERRY *9 DIGIT CODE ON SHEET
26	April	2012	9R9L	0A1304348	F	84.0	95.0	82.0	42.0	165.0	2011	NO SCHOOL NOTED *9 DIGIT CODE ON SHEET
26	April	2012	12R10L	0A130A4300	J	61.0	73.0	60.0	32.0	72.0	2011	TILGHAM ES
26	April	2012	12R10L	0A130A430B	J	62.0	71.0	57.0	30.0	71.0	2011	EASTON HS *NO WIRE TAGE FOUND
26	April	2012	12R10L	0A130A431B	J	60.0	69.0	57.0	29.0	64.0	2011	EASTON ES NOHANSON
26	April	2012	12R10L	0A13654B75	J	78.0	89.0	73.0	39.0	126.0	2011	EASTON HS- DETRICH
26	April	2012	12R10L	0A130A4324	J	54.0	62.0	50.0	29.0	48.0	2011	EASTON ES- CALLAS

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26	April	2012	12R10L	0A13654C46	J	45.0	52.0	43.0	24.0	29.0	2011	EASTON ES
26	April	2012	9R10L	0A13654B7D	J	67.0	76.0	65.0	35.0	89.0	2011	CHAPEL DIST. ES
26	April	2012	9R10L	0A13654C52	J	56.0	66.0	54.0	30.0	56.0	2011	CHAPEL DIST. ES
26	April	2012	12R10L	0A130A4314	M	77.0	91.0	75.0	39.0	137.0	2011	OURRINGTON
26	April	2012	12R10L	0A130A4327	J	83.0	94.0	77.0	41.0	151.0	2011	OURRINGTON
26	April	2012	10R10L	0A130A4304	J	67.0	82.0	66.0	36.0	97.0	2011	MES- HQ
26	April	2012	10R10L	0A130A427A	J	73.0	85.0	70.0	36.0	112.0	2011	MES- HQ
26	April	2012	1R2L	0A13654C26	J	68.0	82.0	67.0	35.0	95.0	2011	MES- HQ
26	April	2012	9R10L	0A13654C05	J	59.0	70.0	58.0	30.0	61.0	2011	MES- HQ
26	April	2012	12R10L	0A120A4317	J	64.0	76.0	62.0	34.0	83.0	2011	MES- HQ
26	April	2012	12R10L	0A130A4302	J	63.0	75.0	60.0	32.0	70.0	2011	MES- HQ
26	April	2012	10R	0A13654C29	J	61.0	70.0	60.0	32.0	71.0	2011	ANOV
26	April	2012	11R10L	0A130A4347	J	57.0	68.0	53.0	29.0	51.0	2011	ANOV
26	April	2012	11R	0A13654C20	F	82.0	95.0	74.0	39.0	148.0	2011	EDGEWATER- RIESETT
26	April	2012	10L	0A13654C17	J	60.0	70.0	57.0	32.0	67.0	2011	EDGEWATER- JESSIE
26	April	2012	9R	0A130A433E	J	61.0	74.0	56.0	31.0	67.0	2011	EDGEWATER- NESSIE
26	April	2012	2L	0A13654C4F	F	99.0	116.0	90.0	45.0	257.0	2011	NORTHEAS- IMWOLD
26	April	2012	1R1L	0A13654C1B	F	89.0	101.0	84.0	42.0	193.0	2011	ANAV5- IMWOLD
26	April	2012	12L	0A13654B7B	F	90.0	105.0	85.0	43.0	198.0	2011	WEST ANNAPOLIS- BURROWS
26	April	2012	9R	0A130A4338	M?	90.0	106.0	84.0	42.0	191.0	2011	WEST ANNAPOLIS- BURROWS
26	April	2012	11R11L	0A13654C48	J	73.0	85.0	69.0	38.0	110.0	2011	CLARKSVILLE ELEM (MES)
26	April	2012	8L	0A13654C2E	J	66.0	75.0	64.0	34.0	83.0	2011	BELVEDER ELEM (SABAT)
26	April	2012	8R	0A13654C24	F	82.0	94.0	79.0	39.0	162.0	2011	OVERLOOK
26	April	2012	11R9L	0A13654C12	J	66.0	74.0	64.0	32.0	90.0	2011	MARYLAND CITY
26	April	2012	8L	0A13654C44	J	59.0	70.0	59.0	31.0	66.0	2011	MARYLAND CITY (ANAV5)
26	April	2012	1R1L	0A13654C1C	F	78.0	92.0	78.0	39.0	154.0	2011	VANBOKELEN
26	April	2012	10L	0A13654C53	J	84.0	97.0	80.0	41.0	168.0	2011	VANBOKELEN
26	April	2012	1R1L	0A13654C33	F	86.0	100.0	80.0	41.0	166.0	2011	SCES (WEBB DIAMOND)
26	April	2012	12L	0A13654C31	F	88.0	99.0	81.0	42.0	172.0	2011	SCES (WEBB TIPPER)
26	April	2012	11R9L	0A130A4333	F	83.0	92.0	86.0	41.0	178.0	2011	RIDGEWAY (PEPPER) ANAV5
26	April	2012	12L	0A13654C0D	J	72.0	82.0	68.0	36.0	102.0	2011	HEBRON-HARMON (NOLAN) *INJURED
26	April	2012	2R10R9L	0A13654C3D	J	78.0	88.0	72.0	38.0	144.0	2011	HEBRON-HARMON

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26	April	2012	12L	0A13654C18	F	82.0	95.0	79.0	39.0	147.0	2011	OVERLOOK
26	April	2012	11R9L	0A13654C0F	M	80.0	95.0	78.0	39.0	143.0	2011	OVERLOOK
26	April	2012	10R	0A130A432C	F	93.0	107.0	93.0	47.0	250.0	2011	RIDGEWAY (RAVEN) ANAV5
26	April	2012	11L	0A13645C13	J	65.0	79.0	66.0	34.0	91.0	2011	OAK HILL (LAWTON)
26	April	2012	2L	0A13654C32	J	65.0	79.0	63.0	32.0	76.0	2011	OAK HILL
26	April	2012	1R2L	0A13654C4E	F	91.0	108.0	93.0	46.0	223.0	2011	NAIB P6 COUNTY NO CWT
26	April	2012	1R11R	0A13654C2A	M?	85.0	101.0	85.0	43.0	191.0	2011	HELMS-GEIER
26	April	2012	2L	0A130A4278	J	82.0	97.0	80.0	40.0	154.0	2011	HELMS-GEIER
26	April	2012	12L	0A13654C25	J	73.0	84.0	71.0	35.0	108.0	2011	OLDMILL SOUTH
26	April	2012	1R1L	0A13654C43	J	62.0	73.0	61.0	33.0	76.0	2011	Old Mill South
26	April	2012	9R	0A13654C0E	J	64.0	77.0	60.0	31.0	74.0	2011	Old Mill High Helms
26	April	2012	12R	0A13654C1E	J	66.0	75.0	61.0	31.0	74.0	2011	Old Mill High Helms
26	April	2012	8L	0A13654C54	J	77.0	89.0	73.0	37.0	114.0	2011	Fairland Elementary
26	April	2012	8L	0A13654C35	F	69.0	83.0	68.0	38.0	107.0	2011	Fairland Elementary
26	April	2012	9L	0A13654C04	J	54.0	64.0	53.0	28.0	51.0	2011	Fairland Elementary
26	April	2012	9R	0A13654C45	J	66.0	80.0	61.0	33.0	81.0	2011	Bates Middle School
26	April	2012	1R1L	0A13654C0A	J	64.0	75.0	61.0	33.0	76.0	2011	Bates Middle School
26	April	2012	1R1L	0A13654B7F	F	83.0	97.0	80.0	41.0	161.0	2011	Chesapeake HS
26	April	2012	11L	0A13654C3B	F	84.0	100.0	81.0	40.0	166.0	2011	Chesapeake HS
26	April	2012	11R1R9L	0A130A4322	J	62.0	73.0	59.0	31.0	71.0	2011	Meade Heights
26	April	2012	12L	0A13654C1F	J	65.0	73.0	60.0	31.0	75.0	2011	Meade Heights
26	April	2012	8L	0A13654C15	F	77.0	90.0	75.0	40.0	130.0	2011	Bodkin Elementary
26	April	2012	1R11R	0A13654C4D	F	93.0	110.0	89.0	44.0	226.0	2011	Bodkin Elementary
26	April	2012	9R	0A13654C47	M	81.0	95.0	77.0	38.0	138.0	2011	Duffy Bodkin
26	April	2012	12L	0A13654B77	J	72.0	83.0	70.0	36.0	106.0	2011	Duffy Bodkin
26	April	2012	2R11R9L	0A13653C0C	J	64.0	73.0	60.0	32.0	71.0	2011	George Fox MS
26	April	2012	12L	0A13654C06	J	64.0	71.0	59.0	30.0	68.0	2011	George Fox MS
26	April	2012	9L	0A13654B78	F	69.0	81.0	68.0	37.0	102.0	2011	Overlook Elementary
26	April	2012	12L	0A13654C22	F	67.0	76.0	61.0	33.0	88.0	2011	Davidsonville Hoff
26	April	2012	12R	0A13653C23	J	69.0	79.0	61.0	35.0	83.0	2011	Davidsonville Hoff
26	April	2012	9R10L	0A13654C07	F	90.0	107.0	88.0	46.0	209.0	2011	Kent Island MS MES
26	April	2012	9R10L	0A13654C08	F	90.0	101.0	86.0	42.0	186.0	2011	Kent Island MS MES
26	April	2012	11L	0A130A4319	F	85.0	101.0	84.0	42.0	197.0	2011	Hannah Moore

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26	April	2012	9R	0A130A431D	F	87.0	104.0	86.0	42.0	197.0	2011	Hannah Moore
26	April	2012	10L	0A130A431E	F	103.0	115.0	93.0	48.0	264.0	2011	Hannah Moore
26	April	2012	10R	0A130A430A	F	82.0	98.0	80.0	43.0	181.0	2011	Hannah Moore
26	April	2012	10R	0A130A433D	F	97.0	114.0	95.0	49.0	267.0	2011	Hannah Moore
26	April	2012	11R	0A13654C2B	J	65.0	75.0	59.0	31.0	74.0	2011	Ana V5; tail damage
26	April	2012	8R	0A13654C41	F	77.0	88.0	76.0	39.0	133.0	2011	Rolling Roles
26	April	2012	8L	0A130A4341	F	81.0	93.0	74.0	38.0	136.0	2011	Rolling Roles
26	April	2012	12R	0A13654C2C	M	82.0	92.0	76.0	39.0	136.0	2011	Riviara Beach
26	April	2012	2L	0A13654C1A	F	79.0	93.0	77.0	41.0	127.0	2011	Riviara Beach
26	April	2012	10R	0A13654C11	F	88.0	104.0	83.0	44.0	196.0	2011	Davidsonville Raven
26	April	2012	2R11R10L	0A13654C36	F	81.0	90.0	80.0	41.0	161.0	2011	Ana V5; Davidsonville Raven
26	April	2012	10L	0A13654C38	F	88.0	100.0	81.0	43.0	167.0	2011	Glen Burnie HS
26	April	2012	12L	0A13654B73	J	65.0	75.0	62.0	32.0	78.0	2011	Brooklyn Park MS
26	April	2012	11R	0A13654C27	J	65.0	76.0	64.0	33.0	81.0	2011	Brooklyn Park MS
26	April	2012	9L	0A13654C16	J	59.0	70.0	59.0	29.0	62.0	2011	Chesapeake Science Point
26	April	2012	1R11R9L	0A130A4308	J	67.0	81.0	68.0	33.0	92.0	2011	Chesapeake Science Point
26	April	2012	2L	0A13654C14	J	74.0	86.0	70.0	31.0	104.0	2011	Folgan McKinsey ES
26	April	2012	11L	0A13654C1D	M	86.0	102.0	83.0	42.0	174.0	2011	Folgan McKinsey ES
26	April	2012	8R	0A13654C42	J	66.0	78.0	68.0	34.0	96.0	2011	SPES-Jacobs
26	April	2012	11L	0A13654C2D	M	70.0	85.0	68.0	36.0	108.0	2011	SPES-Woelpper
26	April	2012	8R	0A13654C3D	J	66.0	76.0	64.0	33.0	84.0	2011	Benfield
26	April	2012	9L	0A13654B79	J	65.0	77.0	61.0	32.0	77.0	2011	Benfield (no cwt)
26	April	2012	1R11R9L	0A13654C39	F	84.0	98.0	81.0	40.0	170.0	2011	CBMS-Maciolek
26	April	2012	10R	0A130A434A	J	79.0	91.0	76.0	38.0	148.0	2011	CBMS-Maciolek
26	April	2012	911	0A13654C3A	F	79.0	93.0	77.0	38.0	138.0	2011	SPES-Rene (Notch ID is written as 911 or 9ll, should read 9L?)
26	April	2012	2L	0A130A4270	J	73.0	87.0	67.0	34.0	103.0	2011	SPES-Rene
26	April	2012	11R1L9L	0A130A4325	F	75.0	89.0	70.0	37.0	117.0	2011	SPHS; 26 marginal scutes
26	April	2012	10L	0A130A427D	J	65.0	76.0	64.0	32.0	81.0	2011	Southern MS-Dress
26	April	2012	9L		J	31.0	36.0	27.0	17.0	8.0	2011	Oakwood ES
26	April	2012	12R	0A130A4343	J	67.0	77.0	63.0	34.0	86.0	2011	Southern MS-Dress
26	April	2012	11R1L9L	0A13654B74	J	53.0	64.0	51.0	26.0	42.0	2011	Marley Middle
26	April	2012	12R	0A130A4330	J	55.0	62.0	50.0	26.0	43.0	2011	Marley Middle

Day	Month	Year	Notch ID	PIT ID	Sex	Plastron Length	Carapace Length	Width	Height	Weight	DOB	Comments / School
26	April	2012	10R	0A13654C21	J	59.0	73.0	58.0	30.0	70.0	2011	R.Henry Lee Elem.
26	April	2012	2L	0A13654C0B	J	53.0	66.0	54.0	27.0	49.0	2011	R.Henry Lee Elem.
26	April	2012	11R1L9L	0A130A427B	M	93.0	113.0	92.0	45.0	244.0	2011	Brooklyn Park Elem; 26 marginal scutes
26	April	2012	2L	0A13654C50	F	93.0	111.0	89.0	46.0	234.0	2011	Brooklyn Park Elem
26	April	2012	11R1L9L	0A13654C18	F	81.0	97.0	81.0	40.0	156.0	2011	Rowland Nantucket Pepper
26	April	2012	10L	0A130A433A	F	81.0	91.0	74.0	40.0	143.0	2011	Rowland Nantucket
26	April	2012	11R1L10L	0A13654C01	F	71.0	85.0	65.0	37.0	101.0	2011	Southern HS
26	April	2012	1R1L9L	0A13654C02	J	69.0	81.0	64.0	35.0	90.0	2011	Southern HS
26	April	2012	9L	0A13654A7D	F	72.0	85.0	71.0	35.0	110.0	2011	Solley
26	April	2012	1R1L	0A13654A57	F	73.0	87.0	71.0	36.0	122.0	2011	Solley
26	April	2012	11R1L9L	0A13654A41	J	61.0	72.0	58.0	31.0	65.0	2011	Hanson Central
26	April	2012	10L	0A13654A54	J	70.0	81.0	66.0	33.0	87.0	2011	MacArthur Mid Wheeler *skinny*
26	April	2012	1R11L9L	0A13654A52	J	63.0	72.0	62.0	31.0	66.0	2011	MacArthur Mid Wheeler *skinny*
26	April	2012	9R	0A13654A56	F	75.0	90.0	70.0	36.0	106.0	2011	Jones Elem
26	April	2012	1R1L	0A13654A4E	J	70.0	84.0	68.0	34.0	94.0	2011	Jones Elem
26	April	2012	8R	0A13654A43	F	82.0	95.0	81.0	42.0	177.0	2011	Cat N "tater"
26	April	2012	9L	0A13654A7A	F	85.0	100.0	83.0	42.0	177.0	2011	Cat N "chip"
26	April	2012	8R	0A13654A45	F	75.0	88.0	70.0	35.0	121.0	2011	Solley Seifert 11 left marginals
26	April	2012	11L	0A13654B02	J	72.0	89.0	70.0	35.0	121.0	2011	Solley Seifert Ano V5
26	April	2012	1R1L	0A13654A30	F	72.0	85.0	70.0	37.0	126.0	2011	Odenton
26	April	2012	8L	0A13654A75	F	75.0	88.0	75.0	40.0	137.0	2011	Odenton
27	April	2012	8R	0A13654A74	J	61.0	71.0	58.0	32.0	76.0	2011	Freetown-Haney
27	April	2012	10L	0A13654601	F	61.0	71.0	57.0	33.0	71.0	2011	Freetown-Haney
27	April	2012	2L	0A13654A59	J	71.0	83.0	68.0	35.0	96.0	2011	Green School of Bat
27	April	2012	11R	0A1365460A	J	69.0	81.0	65.0	33.0	88.0	2011	Arundel Middle - Jones (sloppy
27	April	2012	10L	0A13634A3F	J	61.0	71.0	58.0	32.0	66.0	2011	Arundel Middle - Jones
27	April	2012	10L	0A13654a77	J	46.0	55.0	44.0	26.0	33.0	2011	Crofton Woods- Brown Ana V5
27	April	2012	11R	0A13654A6E	J	63.0	74.0	60.0	32.0	75.0	2011	Crofton Woods- Brown
27	April	2012	9R10L	0A13654A37	J	62.0	73.0	59.0	32.0	72.0	2011	St. Michaels- MES
27	April	2012	9R10L	0A1365464A	J	61.0	71.0	58.0	33.0	70.0	2011	St. Michaels- MES
27	April	2012	1R11L9L	0A13654A6A	M?	92.0	106.0	89.0	40.0	213.0	2011	Woodside- Cronin
27	April	2012	8R	0A130A4330	F	88.0	101.0	85.0	42.0	189.0	2011	Woodside- Kidedal ??

Day	Month	Year	Notch ID	PIT ID	Sex	Plastron Length	Carapace Length	Width	Height	Weight	DOB	Comments / School
27	April	2012	11L	0A13634B00	J	88.0	104.0	85.0	42.0	196.0	2011	Woodside- Kidedal ??
27	April	2012	2R11L9L	0A13654A4A	F	88.0	99.0	87.0	43.0	208.0	2011	Anapolis MS- Henry
27	April	2012	12L	0A13654A2F	F	90.0	101.0	83.0	43.0	187.0	2011	Anapolis MS- Henry (no wire tag)
27	April	2012	12R	0A13654A4C	F	65.0	75.0	64.0	31.0	77.0	2011	Tracy's Medeiros
27	April	2012	2L	0A13654A2B	J	61.0	72.0	60.0	30.0	64.0	2011	Tracy's Medeiros
27	April	2012	9L	0A130A4334	J	74.0	86.0	70.0	37.0	118.0	2011	Merde MS- Shellemen
27	April	2012	2L	0A13654A46	F	71.0	83.0	68.0	35.0	105.0	2011	Merde MS- Shellemen
27	April	2012	11L	0A13654A7D	F	71.0	87.0	69.0	36.0	119.0	2011	Piney Orchard- Beall
27	April	2012	2L	0A13654A66	J	93.0	74.0	56.0	30.0	64.0	2011	Quarterfield ES-Faris
27	April	2012	lR11L1L9l	0A13654A68	J	73.0	87.0	70.0	37.0	119.0	2011	Hillsmere-Roscor
27	April	2012	1R11R9L	0A13654A38	J	66.0	76.0	63.0	32.0	80.0	2011	Quarterfield- Farris
27	April	2012	8L	0A13654A69	J	64.0	76.0	63.0	33.0	83.0	2011	Cape St. Claire ES- Loury
27	April	2012	9R	0A13654B05	J	42.0	64.0	50.0	27.0	45.0	2011	Arundel HS- Hanson
27	April	2012	11L	0A13654A4B	J	54.0	66.0	52.0	54.0	53.0	2011	Arundel HS- Hanson (no wire tag)
27	April	2012	1R1L	0A13654A35	M	84.0	101.0	84.0			2011	Glen Burnie HS- Voll
27	April	2012	2R11R9L	0A13654A72	J	64.0	72.0	62.0	32.0	76.0	2011	Cape St. Clare- Velozo
27	April	2012	2R11R9L	0A130A4350	J	78.0	90.0	74.0	38.0	129.0	2011	Severn River MS- Hudson -Duke
27	April	2012	11L	0A13654A5A	J	75.0	91.0	75.0	37.0	124.0	2011	Ruth Eason- Angle
27	April	2012	2L	0A13654A50	J	69.0	78.0	52.0	28.0	52.0	2011	Belurdere- Sabat
27	April	2012	12L	0A13654C09	F	82.0	92.0	76.0	38.0	132.0	2011	Woodside-Cronin
27	April	2012	9L	0A13654A3A	J	62.0	74.0	62.0	31.0	71.0	2011	Terrapin Adventures
27	April	2012	1L12L	0A13654B76	J	71.0	82.0	69.0	33.0	99.0	2011	Terrapin Adventures
27	April	2012	12R	0A13654A2D	J	68.0	77.0	60.0	32.0	80.0	2011	Severna Park HS- Hamars
27	April	2012	8L	0A13654C28	J	67.0	77.0	65.0	34.0	88.0	2011	Steve's Office