

UNITED STATES DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Upper Cretaceous (Maestrichtian) Larger Invertebrates
from the Hauastator bilira Assemblage Zone
in the Atlantic Coastal Plain with
Further Data for the East Gulf

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Open File Report
87-194

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

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Upper Cretaceous (Maestrichtian) Larger Invertebrate from the Haustator bilira Assemblage Zone in the Atlantic Coastal Plain with further data for the East Gulf.

INTRODUCTION

The following report contains lists of the larger invertebrate fauna from 41 collections made at 40 localities or different levels at a locality in the rocks of the Haustator bilira Assemblage Zone as exposed in the Atlantic Coastal Plain (Figure 1). Data from the East Gulf Coastal Plain (Figure 2) not given in U.S. Geological Survey Open File Report No. 83-451 is also presented completing the file on that area. Lists of larger invertebrates from this zone from the West Gulf Coastal Plain are available as U.S. Geological Survey Open File Report No. 84-687. Together the three reports document the fauna of 642 H. bilira Zone collections based on examination of more than 110,000 specimens (Koch and Sohl, 1983).

The H. bilira Assemblage Zone was proposed by Sohl (1977) and traced through Late Cretaceous rocks of the Atlantic and Gulf Coastal Plains from New Jersey to Texas. The base of the zone occurs above the base of the foraminiferid Globotruncana gansseri subzone of Pessagno (1967) and includes all younger Cretaceous deposits on the Coastal Plains.

EXPLANATION

The following lists of larger invertebrates are arranged geographically, beginning with the collections from localities in the northern part of Mississippi and ending with those from east central New Jersey (Table 1).

Study of the assemblages within this zone has necessitated reevaluation of all molluscan taxa proposed in the major Upper Cretaceous faunal monographs dealing with the Coastal Plain (Conrad, 1858; Conrad, 1960; Weller, 1907; Gardner, 1916; Stephenson, 1923, 1941, 1955; Sohl, 1960 and 1964) as well as shorter contributions. Many of the earlier works on the region treated the faunas in a very provincial manner. In some cases geographic isolation was considered ample justification for erection of new taxa. Current enhanced knowledge of the stratigraphic relationships among the Coastal Plain sequences, coupled with larger collections that allow for better understanding of variation within species, has necessitated considerable synonymizing of taxa. Thus the lists reflect current thought. Similarly at the generic level, the volumes of the "Treatise on Invertebrate Paleontology" devoted to the Mollusca have provided a basis for reassignment at higher taxonomic levels.

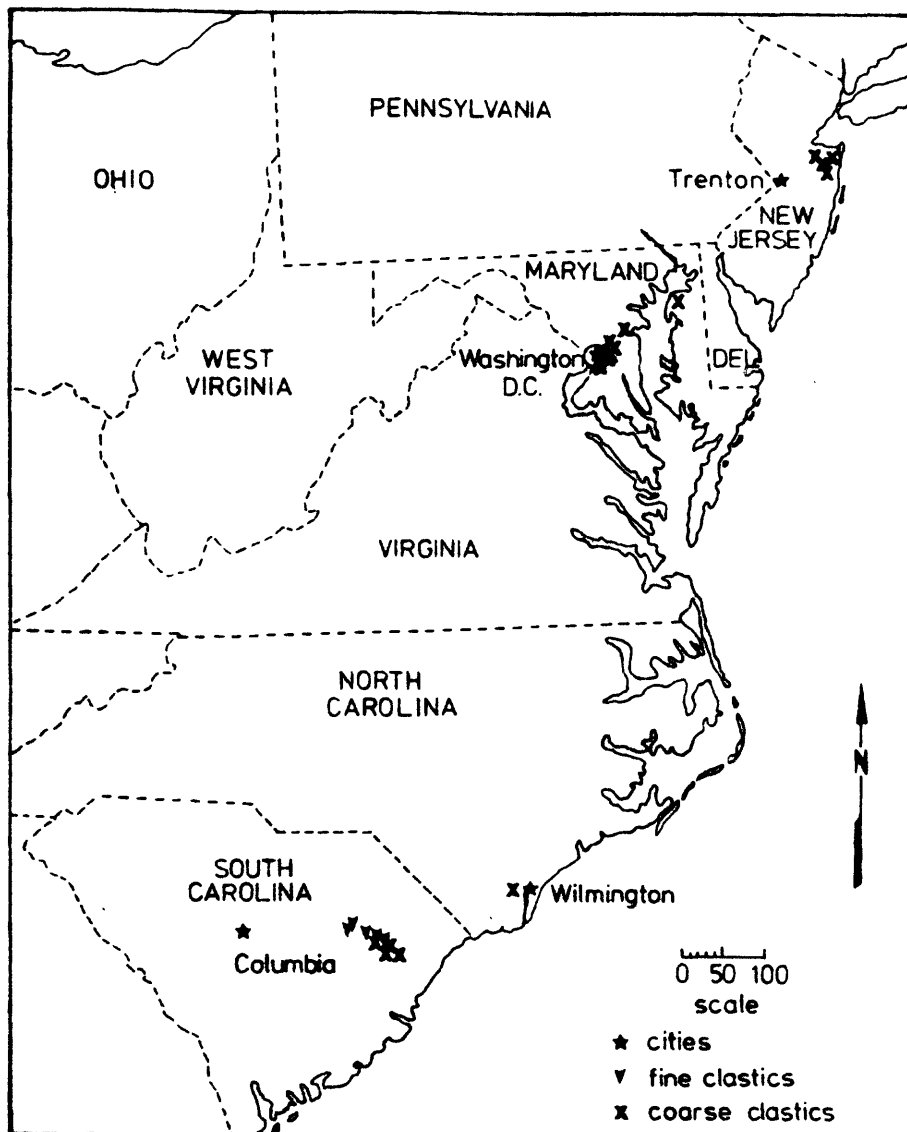
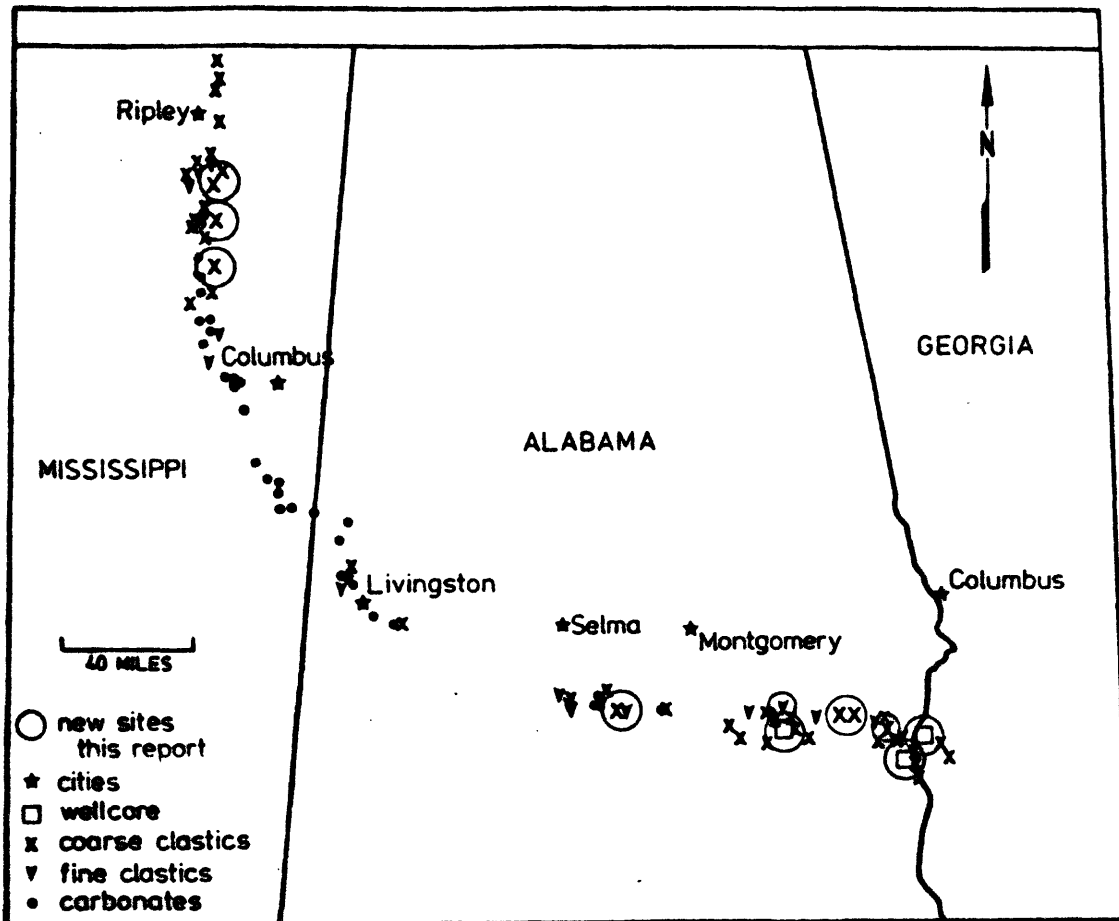


FIGURE 1. Map showing the locations for *H. bilira* Zone collections from the Atlantic Coastal Plain given in this report.



'FIGURE 2. Map showing the locations for H. bilira Zone collections from the East Gulf Coastal Plain. Collections of this report are circled. All other given in U.S. Geological Survey Open File Report No.83-451.

TABLE 1. Summary of faunal lists of this report in terms of geography and stratigraphic units.

LOCATIONS	NUMBER OF LISTS	STRATIGRAPHIC UNITS	GEOGRAPHIC AREA
12- 25	14	Chiwapa Member Ripley Formation	N.E. Mississippi
180	1	Prairie Bluff Formation	Central Alabama
211-249	11	Providence Formation	Central and Eastern Alabama
251-308	55	Providence Formation (subsurface data)	Eastern Alabama and W. Georgia
351-391	22	Peedee Formation	North Carolina and South Carolina
410-450	13	Severn Formation	Maryland
464-480	5	Tinton Formation and Sandy Hook Member Red Bank Formation	New Jersey

EXPLANATION OF ANNOTATION

Each location has been annotated using an outline that has fifteen numbered categories. A key to the format and an explanation of abbreviations used are given here.

1. Stratigraphic assignment - The name of the lithostratigraphic unit from which the collection was made.
2. Subdivision - Where determinable, assignment is made to an upper or lower part of a lithostratigraphic unit. Such designation is given in a physical sense relative to total thickness of the unit and is not necessarily tied to a precise temporal subdivision.
3. Source of collections - Collections are from surface outcrops unless noted as subsurface data. Collections made by the authors consist of bulk samples in which rarer taxa are more likely to occur than in the earlier collections of others. Subsurface collections may have some bias against larger specimens. The U.S. Geological Survey collections numbers are given in Table 2.
4. Lithologic designation - Primary lithic type. i.e., sandstone, siltstone, claystone, chalk.

Categories 5 through 10 give modifying terms for the primary lithic types:

5. Color
6. Sorting
7. Miscellaneous
8. Miscellaneous
9. Mica content, if no entry, then mica was not noted.
10. Grain size

For some lithic descriptions of chalks, clays and silts which are noted to be sandy, the descriptions of sorting and grain size apply to the sand fraction.

11. Shell preservation - Designation of the various modes of shell preservation: molds = external and internal impressions; phosphatic molds = internal molds.
12. Latitude
13. Longitude

14. Topographic elevation of the collection locality.
15. Fauna - A listing of all larger invertebrate taxa identified in the collection studied from the locality. The taxa are arranged in the order provided by the "Treatise on Invertebrate Paleontology" for Bivalvia, the Archaeogastropods, the Scaphopoda and Ammonoidea. The remainder of the Gastropods follow the arrangement of Taylor and Sohl (1962). The number of specimens of each taxon in the collection is given preceding the species name.

TABLE 2. List of U.S. Geological Survey Numbers (Washington Mesozoic locality register) or collections from each location.

LOCATION NUMBER	USGS NUMBER	LOCATION NUMBER	USGS NUMBER
12	32311	232	32824
13	32312	246	27897
14	32310	247	26969
15	32309	248	31356
16	32326	249	32825
17	32325	251	32282
18	32323	252	32281
19	32324	253	32280
20	32322	254	32279
21	32321	255	32278
22	32320	256	32277
23	32318	257	32276
24	32319	258	32275
25	32314	259	32274
180	27530, 27913	260	32273
211	25479	261	32272
212	25477	262	32271
213	31357	263	32270
214	27898	264	32269
215	31354	265	32268
222	32823		

TABLE 2. continued.

LOCATION NUMBER	USGS NUMBER	LOCATION NUMBER	USGS NUMBER
266	32267	288	32777
267	32266	289	32778
268	32265	290	32779
269	32264	291	32780,81,82,83
270	32263	292	32785,86
271	32262	293	32787
272	32261	294	32788
273	32260	295	32789
274	32259	296	32784,32790
275	32258	297	32791
276	32257	298	32792
277	32256	299	32793,94
278	32255	301	32797,98
279	32254	302	32799
280	32253	303	32800
281	32252	304	32801,02
282	32251	305	32803
283	32250	306	32804
284	32249	307	32805,06
287	32776	308	32807,08

TABLE 2. concluded.

LOCATION NUMBER	USGS NUMBER	LOCATION NUMBER	USGS NUMBER
351	32231	374	32343
352	32232	391	33104
353	32235	410	32769
354	32328	411	32770
356	32079	415	28858
357	32330	416	28858
358	32081	417	28858
359	32332	419	32774
361	32329	420	32774
362	32331	421	32775
363	32334	422	32773
364	32233	423	32772
365	32344	430	31082
366	32344	440	32882
367	32333	450	30253
368	32334	465	29244
369	32336	470	31169
371	32335	472	16277
372	32341	474	31170
373	32342	480	31176, 28868

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FAUNAL LISTS OF THE HAUSTATOR
BILIRA ASSEMBLAGE ZONE

LOCATION NO. 12 MOUND CITY, UNION CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF BROWN
6. POORLY SORTED
7. SPARINGLY GLAUCONITIC
8. CLAYEY
9. RARE MICA
10. COARSE
11. CALCITE AND MOLDS
12. 34 deg. 27 min. 51 sec. NORTH
13. 88 deg. 54 min. 3 sec. WEST
14. 560 ft.
15. fauna:
 - 2 *Glycymeris rotundata* (Gabb)
 - 1 *Crenella serica* Conrad
 - 13 *Syncylonema simplicus* (Conrad)
 - 5 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 6 *Pterotrignonia* (*Scabrotrignonia*) *eufaulensis* (Gabb)
 - 1 *Myrtea stephensoni* Gardner
 - 1 *Unicardium* sp.
 - 7 *Crassatella vadosa vadosa* Morton
 - 6 *Granocardium* (*Granocardium*) *tippanum* Conrad
 - 5 *Trachycardium eupaulensis* (Conrad)
 - 1 *Cymbophora appressa* (Gabb)
 - 2 *Tellina* sp.
 - 1 *Cyprimeria alta* Conrad
 - 1 *Calliomphalus* sp.
 - 1 *Laxispira monilifera* Sohl
 - 3 *Paladmete cancellaria* (Conrad)
 - present Bryozoa (branching)
 - present *Hardouinea* sp.
 - present *Hamulus onyx* Morton
 - present *Serpula* sp.
 - present Crab parts

LOCATION NO. 13 MOUND CITY, UNION CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF BROWN
7. CALCAREOUS GLAUCONITIC
8. CLAYEY
10. COARSE
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 34 deg. 27 min. 51 sec. NORTH
13. 88 deg. 54 min. 3 sec. WEST
14. 560 ft.

15. fauna:

- 1 *Barbatia* (*Cucullaearca*) sp.
- 1 *Cucullaea* (*Idonearca*) *littlei* Gabb
- 5 *Cucullaea* (*Idonearca*) *capax* Conrad
- 7 *Glycymeris* *rotundata* (Gabb)
- 9 *Crenella* *serica* Conrad
- 10 *Syncylonema* *simplicus* (Conrad)
- 3 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
- 4 *Neithea* (*Neitheops*) *bexarensis* (Stephenson)
- 3 *Anomia* (*Anomia*) *argentaria* Morton
- 1 *Anomia* (*Anomia*) *ornata* Gabb
- 2 *Lima* (*Lima*) *reticulata* Lyell & Forbes
- 5 *Pycnodonte* *vesicularis* Lamarck
- 79 *Exogyra* *costata* Say
- 3 *Gryphaeostrea* *vomer* Morton
- 1 *Cubitostrea* *tecticosta* (Gabb)
- 2 *Ostrea* *mesenterica* Morton
- 1 *Pterotrignia* (*Scabrotrignia*) *angulicostata* (Gabb)
- 65 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
- 2 *Astarte* ? *culebrensis* (Stephenson)
- 5 *Crassatella* *vadosa* *vadosa* Morton
- 1 *Protocardium* (*Pachycardium*) *spillmani* (Conrad)
- 1 *Granocardium* (*Granocardium*) *kummeli* Weller
- 21 *Trachycardium* *eufaulensis* (Conrad)
- 2 *Tellina* ? sp.
- 2 *Aenona* *eufaulensis* (Conrad)
- 5 *Liothyris* sp.
- 7 *Veniella* *conradi* (Morton)
- 3 *Aphrodina* (*Aphrodina*) *tippiana* (Conrad)
- 2 *Cyprimeria* *alta* Conrad
- 3 *Eufistulena* sp.
- 2 *Ataphrus* n. sp.
- 2 *Laxispira* *monilifera* Sohl
- 2 *Turritella* (*Sohlitella*) *trilira* (Conrad)
- 10 *Turritella* *tippiana* Conrad
- 3 *Turritella* *vertebroides* Morton
- 2 *Turritella* *hilgardi* Sohl
- 5 *Turritella* sp.
- 1 *Cerithiella* *semirugatum* (Wade)
- 1 *Striaticostatum* *harbisoni* Sohl

LOCATION NO. 13 MOUND CITY, UNION CO., MS

1	Bellifusus sp.
2	Liopeplum cretaceum (Conrad)
2	Neogastropods indeterminate
1	Ringicula (Ringicula) pulchella Shumard
2	Sphenodiscus sp.
present	Clione sp.
present	Bryozoa (encrusting)
present	Bryozoa (branching)
2	Hardouinea sp.
present	Hamulus onyx Morton
present	Serpula sp.
present	Crab parts
present	Shark parts

LOCATION NO. 14 MOUND CITY, UNION CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF BROWN
6. POORLY SORTED
7. GLAUCONITIC
8. CLAYEY
10. COARSE
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 34 deg. 27 min. 42 sec. NORTH
13. 88 deg. 54 min. 9 sec. WEST
14. 530 ft.

15. fauna:

- 1 Cucullaea (Idonearca) sp.
- 3 Glycymeris sp.
- 1 Postligata wordeni Gardner
- 10 Crenella serica Conrad
- 1 Pteria sp.
- 3 Syncylonema simplicus (Conrad)
- 1 Camptonectes (Camptonectes) bubonis (Stephenson)
- 2 Neithea (Neitheops) bexarensis (Stephenson)
- 3 Anomia (Anomia) argentaria Morton
- 9 Lima (Lima) reticulata Lyell & Forbes
- 1 Lima (Lima) acutilineata Conrad
- 7 Pycnodonte vesicularis Lamarck
- 21 Exogyra costata Say
- 1 Gryphaeostrea vomer Morton
- 2 Pterotrignia (Scabrotrignia) angulicostata (Gabb)
- 35 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
- 1 Vetericardiella crenalirata (Conrad)
- 2 Astarte ? culebrensis (Stephenson)
- 1 Crassatella vadosa vadosa Morton
- 1 Protocardium (Pachycardium) spillmani (Conrad)
- 4 Granocardium (Granocardium) kummeli Weller
- 19 Trachycardium eufaulensis (Conrad)
- 1 Cymbophora appressa (Gabb)
- 1 Leptosolen biplicata (Conrad)
- 3 Aphrodina (Aphrodina) tippiana (Conrad)
- 9 Cyprimeria alta Conrad
- 2 Corbula monmouthensis Gardner
- 1 Antillocaprina sp.
- 1 Liopistha protexta Conrad
- 8 Ataphrus n. sp.
- 1 Laxispira monilifera Sohl
- 3 Turritella tippiana Conrad
- 3 Turritella sp.
- 1 Striaticostatum sillimani (Morton)
- 3 Liopeplum sp.
- 1 Paladmete cancellaria (Conrad)
- 2 Neogastropods indeterminate
- 2 Sphenodiscus lenticularis (Owen)
- present Clione sp.

LOCATION NO. 14 MOUND CITY, UNION CO., MS
4 Hardouinea aequorea (Morton)
present Echinoid sp.
present Hamulus onyx Morton
present Serpula sp.
present Crab parts
present Fish parts

LOCATION NO. 15 MOUND CITY, UNION CO., MS

1. CHIWAPA MBR
2. BASAL
3. SOHL COLLECTION
4. SAND
5. BUFF BROWN
7. GLAUCONITIC
8. SILTY-CLAYEY
9. FINELY MICACEOUS
10. FINE
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 34 deg. 27 min. 30 sec. NORTH
13. 88 deg. 54 min. 21 sec. WEST
14. 510 ft.

15. fauna:

- 2 *Nuculana whitfieldi* (Gardner)
- 3 *Cucullaea* (*Idonearca*) sp.
- 6 *Crenella serica* Conrad
- 1 *Crenella elegantula* Meek & Hayden
- 1 *Botula carolinensis* (Conrad)
- 5 *Syncylonema simplicus* (Conrad)
- 1 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
- 1 *Anomia* (*Anomia*) *argentaria* Morton
- 7 *Lima* (*Lima*) *reticulata* Lyell & Forbes
- 1 *Lima* (*Lima*) *acutilineata* Conrad
- 12 *Pycnodonte* aff. *P. belli*
- 19 *Exogyra costata* Say
- 35 *Gryphaeostrea vomer* Morton
- 3 *Pterotriconia* (*Scabrotriconia*) *eufaulensis* (Gabb)
- 1 *Crassatella vadosa vadosa* Morton
- 1 *Trachycardium eupaulensis* (Conrad)
- 1 *Cymbophora berryi* (Gardner)
- 1 *Veniella conradi* (Morton)
- 2 *Corbula monmouthensis* Gardner
- 1 *Eufistulena* sp.
- 1 *Calliomphalus* (*Calliomphalus*) *americanus* Wade
- 1 *Laxispira monilifera* Sohl
- 2 *Turritella* (*Sohlitella*) *trilira* (Conrad)
- 1 *Turritella tippiana* Conrad
- 1 *Turritella hilgardi* Sohl
- 2 *Turritella* sp.
- 1 *Bellifusus curvicostatus* (Wade)
- 1 Neogastropods indeterminate
- 1 *Ringicula* (*Ringiculella*) *clarki* Gardner
- present *Clione* sp.
- present Bryozoa (encrusting)
- present Bryozoa (branching)
- present *Hamulus squamosus* Gabb
- present *Hamulus onyx* Morton
- present *Serpula* sp.

LOCATION NO. 16 OKANNATIE CR, UNION CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF BROWN
7. VERY GLAUCONITIC
9. SPARINGLY MICACEOUS
10. MEDIUM
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 34 deg. 23 min. 0 sec. NORTH
13. 88 deg. 58 min. 36 sec. WEST
14. 400 ft.
15. fauna:
 - 2 Glycymeris rotundata (Gabb)
 - 1 Mytilus? sp.
 - 9 Crenella serica Conrad
 - 1 Syncylonema simplicus (Conrad)
 - 4 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 5 Neitheia (Neitheops) bexarensis (Stephenson)
 - 1 Anomia (Anomia) argentaria Morton
 - 5 Lima (Lima) reticulata Lyell & Forbes
 - 10 Exogyra costata Say
 - 1 Ostrea mesenterica Morton
 - 2 Pterotrignia (Scabrotrignia) angulicostata (Gabb)
 - 13 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 2 Astarte ? culebrensis (Stephenson)
 - 5 Granocardium (Granocardium) kummeli Weller
 - 7 Trachycardium eufaulensis (Conrad)
 - 1 Veniella conradi (Morton)
 - 3 Cyprimeria alta Conrad
 - 1 Ataphrus n. sp.
 - 1 Turritella tippana Conrad
 - 2 Turritella vertebroides Morton
 - 1 Gyrodes supraplicatus (Conrad)
 - 1 Graphidula sp.
 - 1 Pyropsis spp.
 - 1 Liopeplum sp.
 - 1 Ringicula (Ringicula) pulchella Shumard
 - present Clione sp.
 - present Bryozoa (encrusting)
 - present Bryozoa (branching)
 - present Hamulus squamosus Gabb
 - present Hamulus onyx Morton
 - present Serpula sp.
 - present Crab parts

LOCATION NO. 17 CENTER HILL CHURCH, PONTOTOC CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF BROWN
7. CALCAREOUS GLAUCONITIC
8. CLAYEY
10. COARSE
12. 34 deg. 21 min. 30 sec. NORTH
13. 88 deg. 56 min. 4 sec. WEST
14. 480 ft.
15. fauna:
 - 8 Crenella serica Conrad
 - 1 Crenella elegantula Meek & Hayden
 - 1 Lithophaga sp.
 - 6 Syncylonema simplicus (Conrad)
 - 2 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 1 Neitheia (Neitheops) bexarensis (Stephenson)
 - 1 Anomia (Anomia) argentaria Morton
 - 9 Lima (Lima) reticulata Lyell & Forbes
 - 4 Pycnodonte vesicularis Lamarck
 - 30 Pycnodonte aff. P. belli
 - 14 Exogyra costata Say
 - 2 Pterotriconia (Scabrotriconia) eufaulensis (Gabb)
 - 1 Astarte ? culebrensis (Stephenson)
 - 1 Granocardium (Granocardium) tippanum Conrad
 - 1 Granocardium (Granocardium) kummeli Weller
 - 4 Trachycardium eufaulensis (Conrad)
 - 2 Cymbophora berryi (Gardner)
 - 1 Calliomphalus (Calliomphalus) nudus Sohl
 - 1 Turritella (Sohlitella) trilira (Conrad)
 - 1 Turritella tippana Conrad
 - 4 Turritella sp.
 - 2 Euspira rectilabrum (Conrad)
 - 2 Paladmete gardneri Wade
 - 1 Neogastropods indeterminate
 - 1 Ringicula (Ringicula) pulchella Shumard
 - present Clione sp.
 - present Bryozoa (encrusting)
 - present Bryozoa (branching)
 - present Echinoid sp.
 - 1 Hamulus squamosus Gabb
 - present Serpula sp.
 - present Crab parts

LOCATION NO. 18 CENTER HILL CHURCH, PONTOTOC CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SAND
5. BUFF BROWN
6. SHELL HASH
7. GLAUCONITIC
8. CLAYEY
10. COARSE
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 34 deg. 21 min. 21 sec. NORTH
13. 88 deg. 55 min. 14 sec. WEST
14. 500 ft.
15. fauna:
 - 8 *Crenella serica* Conrad
 - 1 *Lithophaga* sp.
 - 2 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 3 *Anomia* (*Anomia*) *argentaria* Morton
 - 2 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 9 *Pycnodonte vesicularis* Lamarck
 - 112 *Exogyra costata* Say
 - 10 *Gryphaeostrea vomer* Morton
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 15 *Ostrea mesenterica* Morton
 - 3 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 1 *Vetericardiella* ? sp.
 - 1 *Astarte* ? *culebrensis* (Stephenson)
 - 1 *Crassatella vadosa vadosa* Morton
 - 1 *Trachycardium eupaulensis* (Conrad)
 - 1 *Calliophthalmus* (*Planolateralis*) *microancelli* Stephenson
 - 2 *Laxispira monilifera* Sohl
 - 1 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 1 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 7 *Turritella tippiana* Conrad
 - 2 *Striaticostatum harbisoni* Sohl
 - 1 *Ringicula* (*Ringicula*) sp.
 - 1 *Eutrephoceras dekayi* (Morton)
 - 1 *Sphenodiscus* sp.
 - present *Clione* sp.
 - present Bryozoa (encrusting)
 - present Bryozoa (branching)
 - 1 *Linthia variabilis* Slocum
 - present *Hamulus onyx* Morton
 - present *Serpula* sp.
 - present Crab parts

LOCATION NO. 19 CENTER HILL CHURCH, PONTOTOC CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SAND
5. BUFF BROWN
6. SHELL HASH
7. SPARINGLY GLAUCONITIC
8. SILTY-CLAYEY
10. COARSE
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 34 deg. 21 min. 21 sec. NORTH
13. 88 deg. 55 min. 14 sec. WEST
14. 500 ft.
15. fauna:
 - 8 *Nucula percrassa* Conrad
 - 2 *Cucullaea (Idonearca) capax* Conrad
 - 1 *Glycymeris* sp.
 - 5 *Crenella serica* Conrad
 - 2 *Syncylonema simplicus* (Conrad)
 - 4 *Anomia (Anomia) argentaria* Morton
 - 2 *Lima (Lima) pelagica* (Morton)
 - 28 *Exogyra costata* Say
 - 6 *Gryphaeostrea vomer* Morton
 - 2 *Ostrea plumosa* Morton
 - 3 *Ostrea mesenterica* Morton
 - 14 *Crassatella vadosa vadosa* Morton
 - 1 *Uddenia texana* Stephenson
 - 19 *Trachycardium eufaulensis* (Conrad)
 - 2 *Aenona* sp.
 - 2 *Cyprimeria alta* Conrad
 - 1 *Laxispira monilifera* Sohl
 - 2 *Turritella (Sohlitella) trilira* (Conrad)
 - 1 *Turritella tippiana* Conrad
 - 1 *Turritella vertebroides* Morton
 - 1 *Striaticostatum sillimani* (Morton)
 - 2 *Euspira rectilabrum* (Conrad)
 - 1 *Stantonella* sp.
 - 1 *Pyrifusus* sp.
 - 1 *Deussenia* sp.
 - 2 *Bellifusus curvicostatus* (Wade)
 - 1 *Bellifusus* sp.
 - 2 *Beretra ripleyana* (Conrad)
 - 1 Neogastropods indeterminate
 - 1 *Acirsa (Plesioacirsa) cf. microstriata* (Wade)
 - 5 *Eutrephoceras dekayi* (Morton)
 - present *Clione* sp.
 - present Bryozoa (encrusting)
 - present Bryozoa (branching)
 - 2 *Linthia variabilis* Slocum
 - 1 *Hamulus squamosus* Gabb
 - 1 *Hamulus onyx* Morton
 - present *Serpula* sp.
 - present Shark parts

LOCATION NO. 20 CENTER HILL CHURCH, PONTOTOC CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SAND
5. BUFF BROWN
6. SHELL HASH
7. GLAUCONITIC
8. SILTY-CLAYEY
10. COARSE
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 34 deg. 21 min. 12 sec. NORTH
13. 88 deg. 55 min. 7 sec. WEST
14. 510 ft.
15. fauna:
 - 2 *Cucullaea (Idonearca) capax* Conrad
 - 109 *Glycymeris rotundata* (Gabb)
 - 51 *Crenella serica* Conrad
 - 5 *Crenella elegantula* Meek & Hayden
 - 1 *Lithophaga* sp.
 - 17 *Syncylonema simplicus* (Conrad)
 - 2 *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - 11 *Anomia (Anomia) argentaria* Morton
 - 10 *Lima (Lima) reticulata* Lyell & Forbes
 - 1 *Lima (Lima) pelagica* (Morton)
 - 1 *Lima (Lima) acutilineata* Conrad
 - 4 *Pycnodonte vesicularis* Lamarck
 - 5 *Pycnodonte* aff. *P. belli*
 - 70 *Exogyra costata* Say
 - 9 *Gryphaeostrea vomer* Morton
 - 6 *Agerostrea falcata* (Gabb)
 - 3 *Cubitostrea tecticosta* (Gabb)
 - 3 *Pterotrignia (Scabrotrignia) angulicostata* (Gabb)
 - 1 *Vetericardiella* sp.
 - 1 *Astarte ? culebrensis* (Stephenson)
 - 19 *Crassatella vadosa vadosa* Morton
 - 2 *Granocardium (Granocardium) tippanum* Conrad
 - 16 *Trachycardium eufaulensis* (Conrad)
 - 1 *Cymbophora berryi* (Gardner)
 - 1 *Cyclorisma parva* (Gardner)
 - 1 *Cyprimeria alta* Conrad
 - 1 *Corbula monmouthensis* Gardner
 - 1 *Corbula* sp.
 - 1 *Caesticorbula (Caesticorbula) crassaplica* (Gabb)
 - 1 *Calliomphalus (Calliomphalus) americanus* Wade
 - 5 *Laxispira monilifera* Sohl
 - 1 *Turritella (Sohlitella) trilira* (Conrad)
 - 14 *Turritella tippana* Conrad
 - 2 *Turritella vertebroides* Morton
 - 2 *Architectonica (Granosolarium) sp.*
 - 1 *Pugnellus (Pugnellus) densatus* Conrad
 - 1 *Deussenia bellalirata* (Conrad)
 - 1 *Hydrotribulus ? sp.*
 - 2 *Longoconcha* spp.

LOCATION NO. 20 CENTER HILL CHURCH, PONTOTOC CO., MS

1	Liopeplum cf. L. nodosum
6	Neogastropods indeterminate
1	Eutrephoceras dekayi (Morton)
present	Ammonite fragments
present	Clione sp.
present	Bryozoa (encrusting)
present	Bryozoa (branching)
present	Echinoid sp.
3	Hamulus squamosus Gabb
6	Hamulus onyx Morton
3	Serpula sp.

LOCATION NO. 21 WEBSTER CR, PONTOTOC CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SAND
5. BUFF BROWN
7. GLAUCONITIC
8. CLAYEY
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 34 deg. 12 min. 39 sec. NORTH
13. 88 deg. 58 min. 34 sec. WEST
14. 350 ft.
15. fauna:
 - 2 Cucullaea (Idonearca) capax Conrad
 - 14 Crenella serica Conrad
 - 1 Lithophaga sp.
 - 1 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 8 Anomia (Anomia) argentaria Morton
 - 7 Lima (Lima) reticulata Lyell & Forbes
 - 7 Pycnodonte vesicularis Lamarck
 - 27 Exogyra costata Say
 - 1 Gryphaeostrea vomer Morton
 - 4 Ostrea mesenterica Morton
 - 4 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 2 Crassatella vadosa vadosa Morton
 - 5 Protocardium (Pachycardium) spillmani (Conrad)
 - 1 Granocardium (Granocardium) sp.
 - 10 Trachycardium eufaulensis (Conrad)
 - 1 Tellina sp.
 - 2 Aphrodina (Aphrodina) tippana (Conrad)
 - 1 Cyprimeria alta Conrad
 - 1 Turritella tippana Conrad
 - 2 Turritella vertebroides Morton
 - 1 Turritella sp.
 - 1 Buccinopsis sp.
 - 1 Neogastropods indeterminate
 - present Clione sp.
 - present Echinoid sp.
 - 1 Hamulus squamosus Gabb
 - present Hamulus onyx Morton
 - present Serpula sp.

LOCATION NO. 22 CALLOWAY CR, PONTOTOC CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF BROWN
6. POORLY SORTED
7. SPARINGLY GLAUCONITIC CALCAREOUS
8. CLAYEY
10. COARSE
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 34 deg. 11 min. 10 sec. NORTH
13. 88 deg. 58 min. 52 sec. WEST
14. 350 ft.
15. fauna:
 - 4 Cucullaea (Idonearca) littlei Gabb
 - 5 Glycymeris rotundata (Gabb)
 - 4 Crenella serica Conrad
 - present Lithophaga sp.
 - 5 Syncylonema simplicus (Conrad)
 - 8 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 10 Neitheia (Neitheops) bexarensis (Stephenson)
 - 3 Anomia (Anomia) argentaria Morton
 - 1 Lima (Lima) reticulata Lyell & Forbes
 - 1 Lima (Lima) acutilineata Conrad
 - 1 Acesta (Costellacesta) riddlei Kauffman
 - 49 Pycnodonte vesicularis Lamarck
 - 52 Exogyra costata Say
 - 10 Gryphaeostrea vomer Morton
 - 1 Ostrea mesenterica Morton
 - 1 Pterotrignia (Scabrotrignia) angulicostata (Gabb)
 - 38 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 5 Crassatella vadosa vadosa Morton
 - 3 Granocardium (Granocardium) kummeli Weller
 - 9 Trachycardium eufaulensis (Conrad)
 - 1 Tellinimera gabbi Gardner
 - 4 Veniella conradi (Morton)
 - 2 Aphrodina (Aphrodina) tippiana (Conrad)
 - 1 Cyprimeria alta Conrad
 - 1 Antillocaprina sp.
 - 3 Laxispira monilifera Sohl
 - 1 Turritella (Sohlitella) trilira (Conrad)
 - 1 Turritella tippiana Conrad
 - 2 Liopeplum cf. L. nodosum
 - 1 Ringicula (Ringicula) sp.
 - present Clione sp.
 - present Bryozoa (encrusting)
 - 5 Hardouinea aequorea (Morton)
 - present Hamulus squamosus Gabb
 - 4 Hamulus onyx Morton
 - present Serpula sp.

LOCATION NO. 23 GARRETT CR, PONTOTOC CO., MS

1. CHIWAPA MBR
3. SOHL COLLECTION
4. SANDSTONE
5. BROWN GRAY
7. GLAUCONITIC
8. CLAYEY
9. SPARINGLY MICACEOUS
10. MEDIUM
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 34 deg. 9 min. 41 sec. NORTH
13. 88 deg. 57 min. 23 sec. WEST
14. 380 ft.
15. fauna:
 - 33 *Crenella serica* Conrad
 - 8 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) sp.
 - 17 *Anomia* (*Anomia*) *argentaria* Morton
 - 19 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 1 *Lima* (*Lima*) *acutilineata* Conrad
 - 1 *Pycnodonte* sp.
 - 3 *Exogyra costata* Say
 - present *Ostrea* sp.
 - 2 *Pterotrighonia* (*Scabrotrighonia*) *eufaulensis* (Gabb)
 - 2 *Trachycardium eupaulensis* (Conrad)
 - 3 *Veniella conradi* (Morton)
 - 1 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - present *Echinoid* sp.
 - present *Hamulus squamosus* Gabb
 - 8 *Hamulus onyx* Morton

LOCATION NO. 24 GARRETT CR, PONTOTOC CO., MS

1. CHIWAPA MBR
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF BROWN
6. POORLY SORTED
7. GLAUCONITIC
8. SILTY-CLAYEY
9. RARE MICA
10. COARSE
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 34 deg. 9 min. 41 sec. NORTH
13. 88 deg. 57 min. 23 sec. WEST
14. 380 ft.
15. fauna:
 - 3 *Glycymeris rotundata* (Gabb)
 - 1 *Crenella serica* Conrad
 - 1 *Syncylonema simplicus* (Conrad)
 - 2 *Anomia (Anomia) argentaria* Morton
 - 3 *Pycnodonte vesicularis* Lamarck
 - 1 *Pterotrignia (Scabrotrignia) eufaulensis* (Gabb)
 - 3 *Crassatella vadosa vadosa* Morton
 - 1 *Granocardium (Granocardium) kummeli* Weller
 - 1 *Trachycardium eufaulensis* (Conrad)
 - 1 *Veniella conradi* (Morton)
 - present *Hardouinea* sp.
 - present Crab parts

LOCATION NO. 25 DAVIS LAKE, CHICKASAW CO., MS

1. CHIWAPA MBR
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. BROWN GRAY
7. GLAUCONITIC
8. CLAYEY
9. RARE MICA
10. COARSE
11. CALCITIC SHELLS ONLY
12. 34 deg. 2 min. 38 sec. NORTH
13. 88 deg. 55 min. 54 sec. WEST
14. 400 ft.
15. fauna:
 - 1 Nemodon enfaulensis (Gabb)
 - 11 Crenella serica Conrad
 - 1 Lithophaga sp.
 - 7 Syncylonema simplicus (Conrad)
 - 26 Anomia (Anomia) argentaria Morton
 - 16 Lima (Lima) reticulata Lyell & Forbes
 - 10 Pycnodonte vesicularis Lamarck
 - 13 Exogyra costata Say
 - 2 Gryphaeostrea vomer Morton
 - 1 Cubitostrea tecticosta (Gabb)
 - 1 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 2 Trachycardium eufaulensis (Conrad)
 - present Clione sp.
 - present Bryozoa (encrusting)
 - present Echinoid sp.
 - present Hamulus onyx Morton
 - present Serpula sp.

LOCATION NO. 180 ORION, MONTGOMERY CO., AL

1. PRAIRIE BLUFF FM
2. BASAL
3. SOHL COLLECTION
4. SILTSTONE
5. BUFF GRAY
7. SPARINGLY GLAUCONITIC
8. FINELY SANDY-CHALKY
9. SPARINGLY MICACEOUS
11. CALCITE AND MOLDS
12. 31 deg. 58 min. 16 sec. NORTH
13. 86 deg. 0 min. 21 sec. WEST
14. 525 ft.
15. fauna:
 - 31 *Nuculana whitfieldi* (Gardner)
 - 2 *Perrisonota* sp.
 - 6 *Arca martindalensis* (Stephenson)
 - 24 *Nemodon enfaulensis* (Gabb)
 - 11 *Striarca saffordi* (Gardner) non Gabb
 - 6 *Cucullaea* (*Idonearca*) *capax* Conrad
 - 1 *Cucullaea* (*Idonearca*) sp.
 - 6 *Limopsis* sp.
 - 7 *Glycymeris rotundata* (Gabb)
 - 8 *Postligata wordeni* Gardner
 - 3 *Crenella serica* Conrad
 - 2 *Crenella elegantula* Meek & Hayden
 - 5 *Pinna* (*Pinna*) *laqueata* Conrad
 - 1 *Tenuiptereus argenteus* (Conrad)
 - 39 *Syncylonema simplicus* (Conrad)
 - 7 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 4 *Plicatula* (*Plicatula*) *mullicaensis* Weller
 - 6 *Plicatula* (*Plicatula*) *tetrica* Conrad
 - 5 *Spondylus* (*Spondylus*) sp.
 - 3 *Anomia* (*Anomia*) *argentaria* Morton
 - 10 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 8 *Lima* (*Lima*) *pelagica* (Morton)
 - 3 *Lima* (*Lima*) *acutilineata* Conrad
 - 12 *Exogyra costata* Say
 - 32 *Cubitostrea tecticosta* (Gabb)
 - 12 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 7 *Nymphalucina* ? *linearea* (Stephenson)
 - 63 *Vetericardiella crenalirata* (Conrad)
 - 18 *Astarte* ? *culebrensis* (Stephenson)
 - 69 *Crassatella vadosa vadosa* Morton
 - 3 *Scambula perplana* Conrad
 - 1 *Uddenia texana* Stephenson
 - 6 *Granocardium* (*Granocardium*) *tippanum* Conrad
 - 56 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 2 *Granocardium* (*Granocardium*) *kummeli* Weller
 - 1 *Trachycardium eupaulensis* (Conrad)
 - 1 *Protocardium* (*Brevicardium*) sp.
 - 2 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora appressa* (Gabb)

LOCATION NO. 180 ORION, MONTGOMERY CO., AL

- 1 Aenona eufaulensis (Conrad)
- 20 Linearia metastriata Conrad
- 12 Linearia magnoliensis Stephenson
- 6 Etea sp.
- 36 Veniella conradi (Morton)
- 7 Tenea parilis Conrad
- 1 Aphrodina (Aphrodina) tippiana (Conrad)
- 23 Aphrodina (Aphrodina) ?eufaulensis (Conrad)
- 19 Cyclorisma parva (Gardner)
- 1 Cyprimeria sp.
- 1 Legumen ellipticum Conrad
- 21 Corbula monmouthensis Gardner
- 165 Caesticorbula (Caesticorbula) crassaplica (Gabb)
- 2 Caesticorbula (Parmicorbula) terramaria (Gardner)
- 58 Caesticorbula (Parmicorbula) percompressa Gardner
- 50 Caesticorbula (Parmicorbula) sp.
- 2 Pholadomya (Pholadomya) occidentalis Morton
- 1 Cymella bella Conrad
- 19 Liopistha protexta Conrad
- 13 Calliophthalmus (Calliophthalmus) americanus Wade
- 1 Calliophthalmus (Calliophthalmus) nudus Sohl
- 5 Urceolabrum turberculatum callistum Harbison
- 6 Loxotoma n. sp.
- 2 Pseudomalaxis pilsbryi Harbison
- 105 Laxispira monilifera Sohl
- 13 Turritella (Sohlitella) trilira (Conrad)
- 2 Turritella (Sohlitella) bilira (Stephenson)
- 2 Turritella tippiana Conrad
- 11 Turritella vertebroides Morton
- 54 Turritella chalybeatensis Sohl
- 4 Turritella n. sp. (Multilirata)
- 2 Cerithiella semirugatum (Wade)
- 7 Cerithium aff. Cerithium weeksi Wade
- 2 Striaticostatum sp.
- 1 Anteglosia tennesseensis (Wade)
- 7 Calyptraea sp.
- 1 Arrhoges (Latiala) sp.
- 1 Gyrodes supraplicatus (Conrad)
- 1 Gyrodes americanus Wade
- 12 Euspira rectilabrum (Conrad)
- 1 Mathilda cf. M. cedarensis Stephenson
- 2 Sargana stantoni (Weller)
- 1 Lowenstamia sp.
- 11 Bellifusus curvicostatus (Wade)
- 2 Dolicholatirus torquatus Sohl
- 4 Hercorhyncus (Hercorhyncus) sp.
- 2 Napulus octoliratus Conrad
- 2 Fulgerca aff. A. attenuata (Wade)
- 4 Paladmete cancellaria (Conrad)
- 1 Acteon cicatricosus Sohl

LOCATION NO. 180 ORION, MONTGOMERY CO., AL

1	Acteon sp.
2	Ellipsoscapha mortoni (Forbes)
2	Cylichna diversilirata Sohl
1	Cylichna incisa Stephenson
1	Belemnite sp.
1	Baculites sp.
5	Dentalium sp. (ribbed)
22	Dentalium leve Stephenson
present	Clione sp.
present	Trochocyathid coral
present	Micrabacia spp.
present	Bryozoa (encrusting)
present	Hamulus squamosus Gabb
present	Hamulus onyx Morton
present	Serpula sp.
present	Crab parts
present	Fish parts
present	Shark parts

LOCATION NO. 211 ENE PEROTE, BULLOCK CO., AL

1. PROVIDENCE FM
2. UNDIFFERENTIATED
3. SOHL COLLECTION
4. SAND
5. BUFF
7. CALCAREOUS
8. CHALKY
9. SPARINGLY MICACEOUS
10. MEDIUM
11. CALCITE AND MOLDS
12. 31 deg. 57 min. 5 sec. NORTH
13. 85 deg. 40 min. 48 sec. WEST
14. 470 ft.
15. fauna:
 - 5 *Nuculana whitfieldi* (Gardner)
 - 2 *Nemodon enfaulensis* (Gabb)
 - 1 *Striarca* sp.
 - 2 *Cucullaea (Idonearca)* sp.
 - 1 *Limopsis* sp.
 - 1 *Glycymeris* sp.
 - 1 *Postligata wordeni* Gardner
 - 5 *Crenella serica* Conrad
 - 11 *Syncylonema simplicus* (Conrad)
 - 5 *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - 2 *Neithea (Neitheops) quinquecostata* (Sowerby)
 - 4 *Anomia (Anomia) argentaria* Morton
 - 8 *Lima (Lima) reticulata* Lyell & Forbes
 - 1 *Plagiostoma ? woodsii* Wade
 - 5 *Exogyra costata* Say
 - 3 *Cubitostrea tecticosta* (Gabb)
 - 9 *Pterotrignia (Scabrotrignia) eufaulensis* (Gabb)
 - 2 *Nymphalucina ? linearea* (Stephenson)
 - 3 *Vetericardiella crenalirata* (Conrad)
 - 1 *Astarte?* sp.
 - 18 *Crassatella vadosa vadosa* Morton
 - 1 *Uddenia* sp.
 - 1 *Granocardium (Granocardium) tippanum* Conrad
 - 3 *Trachycardium eufaulensis* (Conrad)
 - 11 *Protocardium (Brevicardium) sp.*
 - 1 *Cardium* sp.
 - 4 *Cymbophora* sp.
 - 2 *Tellina* sp.
 - 1 *Aenona eufaulensis* (Conrad)
 - 2 *Linearia metastriata* Conrad
 - 1 *Linearia* sp.
 - 2 *Etea* sp.
 - 2 *Veniella conradi* (Morton)
 - 1 *Cyclorisma parva* (Gardner)
 - 1 *Cyclorisma* sp.
 - 5 *Cyprimeria alta* Conrad
 - 4 *Cyprimeria* sp.
 - 2 *Legumen ellipticum* Conrad
 - 4 *Corbula* sp.

LOCATION NO. 211 ENE PEROTE, BULLOCK CO., AL

60	<i>Caesticorbula</i> (<i>Caesticorbula</i>) <i>crassaplica</i> (Gabb)
7	<i>Caesticorbula</i> (<i>Parmicorbula</i>) sp.
3	<i>Liopistha</i> <i>protexa</i> Conrad
1	<i>Clavagella</i> (<i>Clavagella</i>) <i>armata</i> Morton
5	<i>Calliomphalus</i> (<i>Calliomphalus</i>) <i>americanus</i> Wade
2	<i>Pseudomalaxis</i> ? sp.
1	<i>Margaritella</i> <i>pumila</i> Stephenson
6	<i>Laxispira</i> <i>monilifera</i> Sohl
2	<i>Turritella</i> (<i>Sohlitella</i>) <i>trilira</i> (Conrad)
7	<i>Turritella</i> <i>vertebroides</i> Morton
2	<i>Turritella</i> sp.
1	<i>Thylacus</i> <i>cretaceus</i> Conrad
2	<i>Helicaulax</i> <i>formosa</i> Stephenson
2	<i>Euspira</i> <i>rectilabrum</i> (Conrad)
1	<i>Buccinopsis</i> <i>solida</i> (Wade)
1	<i>Drilluta</i> sp.
1	<i>Pyropsis</i> <i>perlata</i> Conrad
3	<i>Liopeplum</i> <i>canalis</i> (Conrad)
1	<i>Paladmete</i> <i>cancellaria</i> (Conrad)
1	<i>Beretra</i> sp.
1	Neogastropods indeterminate
3	<i>Eutrephoceras</i> <i>dekayi</i> (Morton)
1	<i>Dentalium</i> <i>ripleyana</i> Gabb
present	<i>Clione</i> sp.
present	<i>Micrabacia</i> spp.
present	Bryozoa (encrusting)
present	<i>Serpula</i> sp.
present	Crab parts
present	Fish parts
present	Shark parts

LOCATION NO. 212 ENE PEROTE, BULLOCK CO., AL

1. PROVIDENCE FM
2. UNDIFFERENTIATED
3. SOHL COLLECTION
4. SAND
5. BUFF
8. CLAYEY
9. MICACEOUS
10. FINE-MEDIUM
11. CALCITE AND MOLDS
12. 31 deg. 57 min. 5 sec. NORTH
13. 85 deg. 40 min. 48 sec. WEST
14. 470 ft.
15. fauna:
 - 1 *Crenella serica* Conrad
 - 1 *Pinna* (*Pinna*) sp.
 - 1 *Pteria rhombica* Gardner
 - 5 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) sp.
 - 1 *Chlamys* (*Radiopecten*) sp.
 - 4 *Anomia* (*Anomia*) *argentaria* Morton
 - 3 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 2 *Lima* (*Lima*) *acutilineata* Conrad
 - 2 *Plagiostoma* ? *woodsii* Wade
 - 2 *Exogyra costata* Say
 - 2 *Cubitostrea tecticosta* (Gabb)
 - 1 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 1 *Vetericardiella crenalirata* (Conrad)
 - 2 *Astarte*? sp.
 - 15 *Crassatella vadosa vadosa* Morton
 - 5 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora appressa* (Gabb)
 - 2 *Aenona eupaulensis* (Conrad)
 - 1 *Veniella conradi* (Morton)
 - 4 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Laxispira monilifera* Sohl
 - 4 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 2 *Turritella vertebroides* Morton
 - 2 *Turritella* cf. *T. forgemoli* Coquand
 - 3 *Turritella* sp.
 - 1 *Pugnellus* (*Pugnellus*) *densatus* Conrad
 - 1 *Pyrifusus* sp.
 - 1 *Drilluta* sp.
 - 1 Neogastropods indeterminate
 - present *Clione* sp.
 - present Bryozoa (encrusting)
 - present Crab parts
 - present Bone material

LOCATION NO. 213 E PEROTE, BULLOCK CO., AL

1. PROVIDENCE FM
2. UNDIFFERENTIATED
3. SOHL COLLECTION
4. SILT
5. BUFF
7. GLAUCOVITIC
8. SANDY CHALKY
9. MICACEOUS
10. FINE-MEDIUM
11. CALCITE AND MOLDS
12. 31 deg. 57 min. 5 sec. NORTH
13. 85 deg. 40 min. 48 sec. WEST
14. 470 ft.
15. fauna:
 - 6 Nuculana sp.
 - 2 Nemodon enfaulensis (Gabb)
 - 1 Striarca sp.
 - 1 Cucullaea (Idonearca) sp.
 - 1 Limopsis sp.
 - 3 Postligata sp.
 - 4 Crenella serica Conrad
 - 19 Syncylonema simplicus (Conrad)
 - 3 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 1 Anomia (Anomia) argentaria Morton
 - 9 Lima (Lima) reticulata Lyell & Forbes
 - 1 Lima (Lima) sp.
 - 1 Exogyra costata Say
 - 1 Exogyra sp.
 - 2 Cubitostrea tecticosta (Gabb)
 - 1 Ostrea sp.
 - 13 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 1 Nymhalucina ? linearea (Stephenson)
 - 5 Vetericardiella crenalirata (Conrad)
 - 2 Astarte? sp.
 - 6 Crassatella vadosa vadosa Morton
 - 15 Crassatella sp.
 - 1 Protocardium (Pachycardium) spillmani (Conrad)
 - 4 Granocardium (Granocardium) lowei Stephenson
 - 1 Trachycardium sp.
 - 2 Protocardium (Brevicardium) sp.
 - 5 Cardium sp.
 - 6 Cymbophora berryi (Gardner)
 - 1 Leptosolen biplicata (Conrad)
 - 2 Linearia metastriata Conrad
 - 5 Veniella conradi (Morton)
 - 1 Tenea parilis Conrad
 - 2 Aphrodina (Aphrodina) sp.
 - 1 Cyclorisma parva (Gardner)
 - 1 Cyprimeria alta Conrad
 - 1 Cyprimeria sp.
 - 1 Legumen sp.
 - 2 Corbula torta Stephenson
 - 3 Corbula monmouthensis Gardner

LOCATION NO. 213 E PEROTE, BULLOCK CO., AL

7 Corbula sp.
77 Caesticorbula (Caesticorbula) crassaplica (Gabb)
1 Caesticorbula (Parmicorbula) percompressa Gardner
5 Liopistha protexta Conrad
1 Cuspidaria (Cuspidaria) grovensis Stephenson
7 Laxispira monilifera Sohl
2 Turritella (Sohlitella) trilira (Conrad)
10 Turritella vertebroides Morton
2 Turritella sp.
1 Anchura sp.
2 Neogastropods indeterminate
1 Cylichna sp.
1 Trochocyathid coral
present Micrabacia spp.
1 Hamulus sp.
present Serpula sp.
present Crab parts
present Fish parts

LOCATION NO. 214 BATESVILLE, BARBOUR CO., AL

1. PROVIDENCE FM
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF
7. CALCAREOUS
8. SILTY
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 55 min. 17 sec. NORTH
13. 85 deg. 20 min. 50 sec. WEST
14. 375 ft.
15. fauna:
 - 5 *Nucula percrassa* Conrad
 - 4 *Nuculana whitfieldi* (Gardner)
 - 4 *Nuculana* sp.
 - 1 *Arca* sp.
 - 5 *Nemodon enfaulensis* (Gabb)
 - 2 *Striarca* sp.
 - 1 *Crenella elegantula* Meek & Hayden
 - 1 *Pteria* sp.
 - 33 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* n. sp. (small convex)
 - 4 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Anomia* (*Anomia*) sp.
 - 5 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 1 *Lima* (*Lima*) sp.
 - 5 *Exogyra costata* Say
 - 1 *Pterotriconia* (*Scabrotriconia*) *eufaulensis* (Gabb)
 - 2 *Crassatella vadosa vadosa* Morton
 - 5 *Cymbophora berryi* (Gardner)
 - 2 *Tellinimera buboana* Stephenson
 - 2 *Linearia magnoliensis* Stephenson
 - 9 *Veniella conradi* (Morton)
 - 25 *Caesticorbula* (*Parmicorbula*) sp.
 - 1 *Cuspidaria* (*Cuspidaria*) sp.
 - 112 *Laxispira monilifera* Sohl
 - 3 *Turritella vertebroides* Morton
 - 1 *Bellifusus* sp.
 - 1 *Paladmete cancellaria* (Conrad)
 - 1 *Ellipsoscapha mortoni* (Forbes)
 - 1 *Eutrephoceras dekayi* (Morton)
 - 3 *Dentalium* sp. (ribbed)
 - 2 *Longitubus* sp.

LOCATION NO. 215 BATESVILLE-WHITE OAK, BARBOUR CO., AL

1. PROVIDENCE FM
2. UNDIFFERENTIATED
3. SOHL COLLECTION
4. SAND-SILT
5. BUFF GRAY
8. CHALKY
9. FINELY MICACEOUS
11. CALCITE, MOLDS, AND PHOSPHATIC MOLDS
12. 31 deg. 55 min. 19 sec. NORTH
13. 85 deg. 20 min. 44 sec. WEST
14. 375 ft.
15. fauna:
 - 11 *Nuculana whitfieldi* (Gardner)
 - 3 *Nemodon enfaulensis* (Gabb)
 - 1 *Nemodon stantoni* Gardner
 - 4 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Pteria rhombica* Gardner
 - 28 *Syncylonema simplicus* (Conrad)
 - 2 *Camptonectes* n. sp. (small convex)
 - 9 *Anomia* (*Anomia*) *argentaria* Morton
 - 8 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 1 *Lima* (*Lima*) *acutilineata* Conrad
 - 1 *Exogyra* sp.
 - 2 *Cubitostrea tecticosta* (Gabb)
 - 2 *Ostrea* sp.
 - 1 *Nymphalucina* ? *linearea* (Stephenson)
 - 3 *Vetericardiella crenalirata* (Conrad)
 - 4 *Crassatella vadosa vadosa* Morton
 - 2 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora* sp.
 - 3 *Linearia metastriata* Conrad
 - 1 *Etea* cf. *Etea carolinensis* Conrad
 - 5 *Veniella conradi* (Morton)
 - 1 *Tenea parilis* Conrad
 - 1 *Cyclorisma parva* (Gardner)
 - 2 *Legumen ellipticum* Conrad
 - 5 *Corbula monmouthensis* Gardner
 - 8 *Corbula* sp.
 - 40 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Periplomya* sp.
 - 1 *Liopistha protexta* Conrad
 - 1 *Calliomphalus* (*Calliomphalus*) *americanus* Wade
 - 1 *Margaritella pumila* Stephenson
 - 72 *Laxispira monilifera* Sohl
 - 1 *Turritella vertebroides* Morton
 - 2 *Turritella chalybeatensis* Sohl
 - 1 *Turritella* sp.
 - 1 *Lowenstamia* sp.
 - 3 *Paladmete cancellaria* (Conrad)
 - 1 *Ellipsoscapha* sp.
 - present *Discoscaphites* sp.

LOCATION NO. 215 BATESVILLE-WHITE OAK, BARBOUR CO., AL
present Micrabacia spp.
present Bryozoa (encrusting)
1 Hamulus onyx Morton
present Serpula sp.
present Crab parts
present Fish parts

LOCATION NO. 222 NE PEROTE, BULLOCK CO., AL

1. PROVIDENCE FM
2. BASAL
3. SOHL COLLECTION
4. SANDSTONE
5. TAN GRAY
7. CALCAREOUS ARGILLACEOUS PHOSPHATIC
9. MICACEOUS
10. FINE-MEDIUM
11. CALCITE, MOLDS, AND PHOSPHATIC MOLDS
12. 31 deg. 57 min. 6 sec. NORTH
13. 85 deg. 40 min. 49 sec. WEST
14. 425 ft.
15. fauna:
 - 13 *Nuculana whitfieldi* (Gardner)
 - 2 *Arca martindalensis* (Stephenson)
 - 9 *Nemodon enfaulensis* (Gabb)
 - 2 *Striarca saffordi* (Gardner) non Gabb
 - 3 *Cucullaea (Idonearca) capax* Conrad
 - 1 *Limopsis perbrevis* Wade
 - 1 *Postligata wordeni* Gardner
 - 15 *Crenella serica* Conrad
 - 3 *Gervillia ensiformis* (Conrad)
 - 25 *Syncylonema simplicus* (Conrad)
 - 4 *Syncylonema ? kingi* (Stephenson)
 - 1 *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - 3 *Neithea (Neitheops) bexarensis* (Stephenson)
 - 1 *Anomia (Anomia) argentaria* Morton
 - 7 *Lima (Lima) reticulata* Lyell & Forbes
 - 1 *Lima (Lima) acutilineata* Conrad
 - 1 *Plagiostoma ? woodsi* Wade
 - 2 *Exogyra costata* Say
 - 3 *Pterotrionia (Scabrotrionia) eufaulensis* (Gabb)
 - 2 *Nymphalucina ? linearea* (Stephenson)
 - 1 *Lucina parvetineata* Schumard
 - 9 *Vetericardiella crenalirata* (Conrad)
 - 4 *Astarte ? culebrensis* (Stephenson)
 - 32 *Crassatella vadosa vadosa* Morton
 - 17 *Granocardium (Granocardium) lowei* Stephenson
 - 1 *Aenona eufaulensis* (Conrad)
 - 7 *Linearia metastriata* Conrad
 - 12 *Veniella conradi* (Morton)
 - 1 *Cyclorisma parva* (Gardner)
 - 4 *Cyprimeria alta* Conrad
 - 11 *Corbula monmouthensis* Gardner
 - 80 *Caesticorbula (Caesticorbula) crassaplica* (Gabb)
 - 5 *Liopistha protexta* Conrad
 - 12 *Calliophthalmus (Calliophthalmus) americanus* Wade
 - 1 *Urceolabrum turberculatum, callistum* Harbison
 - 3 *Loxotoma n. sp.*
 - 1 *Margaritella pumila* Stephenson
 - 1 *Laxispira monilifera* Sohl
 - 5 *Turritella (Sohlitella) trilira* (Conrad)

LOCATION NO. 222 NE PEROTE, BULLOCK CO., AL

2	<i>Turritella vertebroides</i> Morton
4	<i>Turritella chalybeatensis</i> Sohl
3	<i>Graciliala decemlirata</i> Conrad
1	<i>Helicaulax formosa</i> Stephenson
1	<i>Anchura</i> sp.
1	<i>Euspira rectilabrum</i> (Conrad)
1	<i>Tuba</i> sp.
1	<i>Sargana stantoni</i> (Weller)
1	<i>Drilluta</i> sp.
3	<i>Dentalium</i> sp. (ribbed)
present	<i>Micrabacia</i> spp.
present	<i>Hamulus onyx</i> Morton
present	<i>Serpula</i> sp.
present	Crab parts
present	Fish parts

LOCATION NO. 223 NE PEROTE, BULLOCK CO., AL

1. PROVIDENCE FM
2. BASAL
3. SOHL COLLECTION
4. SANDSTONE
5. TAN GRAY
7. CALCAREOUS ARGILLACEOUS PHOSPHATIC
9. MICACEOUS
10. FINE-MEDIUM
11. MOLDS ONLY
12. 31 deg. 57 min. 6 sec. NORTH
13. 85 deg. 40 min. 49 sec. WEST
14. 425 ft.
15. fauna:
 - 1 *Nuculana whitfieldi* (Gardner)
 - 5 *Cucullaea* (*Idonearca*) *capax* Conrad
 - 2 *Glycymeris* sp.
 - 3 *Crenella serica* Conrad
 - 2 *Botula conchafodentis* (Gardner)
 - 2 *Lucina* sp.
 - 2 *Crassatella vadosa vadosa* Morton
 - 2 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 3 *Trachycardium* sp.
 - 1 *Tellinimera buboana* Stephenson
 - 1 *Veniella conradi* (Morton)
 - 3 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 9 *Liopistha protexta* Conrad
 - 1 *Laxispira monilifera* Sohl
 - 1 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 10 *Turritella* sp.
 - 1 *Euspira rectilabrum* (Conrad)
 - 1 *Pyropsis* spp.
 - 1 *Longoconcha* spp.
 - 2 *Eutrephoceras dekayi* (Morton)
 - present Bryozoa (encrusting)

LOCATION NO. 246 BATESVILLE-WHITE OAK, BARBOUR CO., AL

1. PROVIDENCE FM
2. BASAL
3. SOHL COLLECTION
4. SANDSTONE
5. LIGHT GRAY
7. PHOSPHATIC
9. MICACEOUS
10. FINE
11. CALCITE AND MOLDS
12. 31 deg. 55 min. 20 sec. NORTH
13. 85 deg. 20 min. 48 sec. WEST
14. 350 ft.
15. fauna:
 - 4 *Nuculana whitfieldi* (Gardner)
 - 1 *Perrisonota* sp.
 - 1 *Arca martindalensis* (Stephenson)
 - 3 *Nemodon enfaulensis* (Gabb)
 - 1 *Nemodon stantoni* Gardner
 - 1 *Nemodon grandis* Wade
 - 2 *Striarca saffordi* (Gardner)non Gabb
 - 3 *Cucullaea (Idonearca) capax* Conrad
 - 5 *Crenella serica* Conrad
 - 1 *Crenella elegantula* Meek & Hayden
 - 1 *Lithophaga* sp.
 - 17 *Syncylonema simplicus* (Conrad)
 - 2 *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - 3 *Camptonectes (Camptonectes) argillensis* (Conrad)
 - 6 *Plicatula (Plicatula) tetrica* Conrad
 - 5 *Anomia (Anomia) argentaria* Morton
 - 4 *Lima (Lima) reticulata* Lyell & Forbes
 - 3 *Lima (Lima) acutilineata* Conrad
 - 4 *Pycnodonte vesicularis* Lamarck
 - 1 *Ostrea* sp.
 - 1 *Crassostrea cortex* (Conrad)
 - 3 *Vetericardiella crenalirata* (Conrad)
 - 12 *Crassatella vadosa vadosa* Morton
 - 2 *Cymbophora berryi* (Gardner)
 - 1 *Linearia crebelli* Stephenson
 - 1 *Veniella conradi* (Morton)
 - 1 *Cyclorisma parva* (Gardner)
 - 3 *Caesticorbula (Caesticorbula) crassaplica* (Gabb)
 - 50 *Laxispira monilifera* Sohl
 - 1 *Turritella (Sohlitella) trilira* (Conrad)
 - 3 *Turritella vertebroides* Morton
 - 1 *Turritella* sp.
 - 1 *Cerithiella semirugatum* (Wade)
 - 2 *Gyrodes spillmani* Gabb
 - 1 *Euspira rectilabrum* (Conrad)
 - 2 *Sargana stantoni* (Weller)
 - 3 *Bellifusus* sp.
 - 1 *Graphidula terebriformis* Stephenson
 - 2 *Hercorhyncus (Hercorhyncus) sp.*

LOCATION NO. 246 BATESVILLE-WHITE OAK, BARBOUR CO., AL
1 Hercorhyncus (Haplovoluta) sp.
5 Paladmete cancellaria (Conrad)
1 Eoacteon sp.
1 Baculites (Eubaculites) carinatus Morton
present Hamulus onyx Morton
present Serpula sp.
present Crab parts
present Fish parts
present Shark parts

LOCATION NO. 247 2.3 MI S JOHNSON CR, BARBOUR CO., AL

1. PROVIDENCE FM
3. SOHL COLLECTION
4. SANDSTONE
5. LIGHT GRAY
7. PHOSPHATIC
9. MICACEOUS
10. FINE-MEDIUM
11. CALCITE AND MOLDS
12. 31 deg. 57 min. 19 sec. NORTH
13. 85 deg. 27 min. 17 sec. WEST
14. 450 ft.
15. fauna:
 - 3 *Nuculana whitfieldi* (Gardner)
 - 2 *Striarca saffordi* (Gardner) non Gabb
 - 11 *Syncylonema simplicus* (Conrad)
 - 2 *Anomia* (*Anomia*) *argentaria* Morton
 - 3 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 1 *Pycnodonte vesicularis* Lamarck
 - 1 *Exogyra costata* Say
 - 1 *Pterotriconia* (*Scabrotriconia*) *eufaulensis* (Gabb)
 - 1 *Nymhalucina* ? *linearea* (Stephenson)
 - 4 *Vetericardiella crenalirata* (Conrad)
 - 1 *Astarte* ? *culebrensis* (Stephenson)
 - 3 *Crassatella vadosa vadosa* Morton
 - 1 *Veniella conradi* (Morton)
 - 2 *Corbula monmouthensis* Gardner
 - 1 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 8 *Caesticorbula* (*Parmicorbula*) sp.
 - 1 *Cuspidaria* (*Cuspidaria*) *ampulla* Gardner
 - 1 *Urceolabrum turberculatum callistum* Harbison
 - 1 *Pseudomalaxis* cf. *P. pilsbryi* Harbison
 - 9 *Laxispira monilifera* Sohl
 - 1 *Turritella chalybeatensis* Sohl
 - 1 *Hercorhyncus* (*Hercorhyncus*) *tippanus* Conrad
 - 1 *Liopeplum canalis* (Conrad)
 - 1 *Paladmete cancellaria* (Conrad)
 - 1 *Dentalium* sp. (ribbed)
 - present *Serpula* sp.
 - present Crab parts
 - present Shark parts

LOCATION NO. 248 BARBOUR CR, BARBOUR CO., AL

1. PROVIDENCE FM
2. BASAL
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF TO LT. GRAY
6. POORLY SORTED
7. CALCAREOUS PHOSPHATIC
9. MICACEOUS
10. FINE
11. CALCITE AND MOLDS
12. 31 deg. 53 min. 40 sec. NORTH
13. 85 deg. 12 min. 24 sec. WEST
14. 290 ft.
15. fauna:
 - 6 *Nucula percrassa* Conrad
 - 32 *Nuculana whitfieldi* (Gardner)
 - 5 *Nemodon eufaulensis* (Gabb)
 - 2 *Nemodon grandis* Wade
 - 2 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Limopsis perbrevis* Wade
 - 32 *Crenella serica* Conrad
 - 3 *Crenella elegantula* Meek & Hayden
 - 1 *Gervillia ensiformis* (Conrad)
 - 1 *Inoceramus* (*Inoceramus*) sp.
 - 87 *Syncylonema simplicus* (Conrad)
 - 1 *Syncylonema* ? *kingi* (Stephenson)
 - 7 *Camptonectes* n. sp. (small convex)
 - 15 *Anomia* (*Anomia*) *argentaria* Morton
 - 12 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - present *Ostrea* sp.
 - 21 *Pterotriconia* (*Scabrotriconia*) *eufaulensis* (Gabb)
 - 15 *Vetericardiella crenalirata* (Conrad)
 - 6 *Crassatella vadosa vadosa* Morton
 - 16 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 2 *Cymbophora berryi* (Gardner)
 - 2 *Aenona eufaulensis* (Conrad)
 - 4 *Linearia metastriata* Conrad
 - 11 *Veniella conradi* (Morton)
 - 3 *Cyclorisma parva* (Gardner)
 - 16 *Corbula monmouthensis* Gardner
 - 43 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 2 *Pholadomya* (*Pholadomya*) sp.
 - 1 *Cymella bella* Conrad
 - 7 *Liopistha protexta* Conrad
 - 1 *Ataphrus* n. sp.
 - 30 *Laxispira monilifera* Sohl
 - 13 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 2 *Turritella vertebroides* Morton
 - 8 *Turritella chalybeatensis* Sohl
 - 1 *Pterocerella tippana* (Conrad)
 - 1 *Euspira rectilabrum* (Conrad)
 - 1 *Stantonella* sp.

LOCATION NO. 248 BARBOUR CR, BARBOUR CO., AL
38 Paladmete cancellaria (Conrad)
1 Ellipsoscapha mortoni (Forbes)
2 Cylichna sp.
2 Cadulus obnatus (Conrad)
1 Dentalium leve Stephenson
1 Hamulus onyx Morton
present Serpula sp.
present Crab parts
present Fish parts

LOCATION NO. 249 BARBOUR CR, BARBOUR CO., AL

1. PROVIDENCE FM
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
7. CALCAREOUS ARGILLACEOUS CARBONACEOUS
9. MICACEOUS
10. FINE
11. CALCITE, ARAGONITE FILM, SOME CALCITE REPLACEMENT
12. 31 deg. 53 min. 40 sec. NORTH
13. 85 deg. 12 min. 24 sec. WEST
14. 292 ft.
15. fauna:
 - 14 *Nucula percrassa* Conrad
 - 1 *Nucula amica* Gardner
 - 11 *Nucula cunifrons* Conrad
 - 11 *Nuculana whitfieldi* (Gardner)
 - 6 *Nuculana rostrotruncata* (Gardner)
 - 3 *Perissonata protexta* (Conrad)non Gabb
 - 1 *Perissonata littlei* Gardner
 - 1 *Perissonata* n. sp. (large, smooth and elongate)
 - 1 *Arca* sp.
 - 58 *Striarca cuneata* Gabb
 - 6 *Striarca saffordi* (Gardner)non Gabb
 - 4 *Postligata wordeni* Gardner
 - 1 *Lycettia tippanus* (Conrad)
 - 2 *Crenella serica* Conrad
 - 1 *Modiolus trigonus* Gardner
 - 1 *Pteria rhombica* Gardner
 - 2 *Inoceramus* (*Inoceramus*) sp.
 - 19 *Syncylonema simplicus* (Conrad)
 - 5 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 15 *Anomia* (*Anomia*) *argentaria* Morton
 - 7 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 2 *Crassostrea* ? sp.
 - 4 *Nymhalucina* ? *linearea* (Stephenson)
 - 5 *Myrtea stephensoni* Gardner
 - 2 *Vetericardiella crenalirata* (Conrad)
 - 1 *Astarte* ? *culebrensis* (Stephenson)
 - 4 *Crassatella vadosa vadosa* Morton
 - 2 *Uddenia texana* Stephenson
 - 1 *Protocardium* (*Pachycardium*) *spillmani* (Conrad)
 - 1 *Granocardium* (*Granocardium*) *tippanum* Conrad
 - 1 *Granocardium* (*Granocardium*) *kummeli* Weller
 - 73 *Trachycardium eufaulensis* (Conrad)
 - 38 *Cymbophora berryi* (Gardner)
 - 7 *Cymbophora appressa* (Gabb)
 - 1 *Cymbophora wordeni* (Gardner)
 - 1 *Tellinimera buboana* Stephenson
 - 7 *Aenona eufaulensis* (Conrad)
 - 7 *Veniella conradi* (Morton)
 - 9 *Tenea parilis* Conrad

LOCATION NO. 249 BARBOUR CR, BARBOUR CO., AL

1	<i>Aphrodina</i> (<i>Aphrodina</i>) <i>tippiana</i> (Conrad)
3	<i>Cyclorisma parva</i> (Gardner)
1	<i>Cyprimeria alta</i> Conrad
11	<i>Corbula monmouthensis</i> Gardner
5	<i>Caesticorbula</i> (<i>Caesticorbula</i>) <i>crassaplica</i> (Gabb)
1	<i>Caesticorbula</i> (<i>Parmicorbula</i>) <i>terramaria</i> (Gardner)
29	<i>Caesticorbula</i> (<i>Parmicorbula</i>) <i>percompressa</i> Gardner
1	<i>Periplomya</i> sp.
1	<i>Cymella bella</i> Conrad
1	<i>Calliophthalmus</i> (<i>Calliophthalmus</i>) <i>americanus</i> Wade
53	<i>Turritella</i> (<i>Sohlitella</i>) <i>trilira</i> (Conrad)
6	<i>Turritella</i> (<i>Sohlitella</i>) <i>bilira</i> (Stephenson)
1	<i>Turritella vertebroides</i> Morton
25	<i>Graciliala decemlirata</i> Conrad
1	<i>Helicaulax formosa</i> Stephenson
1	<i>Pugnellus</i> sp.
1	<i>Banis siniformis</i> Stephenson
17	<i>Euspira rectilabrum</i> (Conrad)
2	<i>Mathilda</i> cf. <i>M. cedarensis</i> Stephenson
1	<i>Sargana stantoni</i> (Weller)
1	<i>Sargana</i> n. sp. (low nodes)
31	<i>Stantonella interrupta</i> (Conrad)
2	<i>Napulus octoliratus</i> Conrad
1	<i>Paladmete laevis</i> Sohl
4	<i>Paladmete cancellaria</i> (Conrad)
5	<i>Beretra ripleyana</i> (Conrad)
1	<i>Fusimilis</i> ? sp.
1	<i>Acteon</i> sp.
7	<i>Creonella triplicata</i> Wade
1	<i>Acirsa</i> (<i>Plesioacirsa</i>) <i>implexa</i> Sohl
1	<i>Dentalium leve</i> Stephenson
present	Trochocyathid coral
present	Bryozoa (branching)
present	<i>Serpula</i> sp.
present	Fish parts

LOCATION NO. 251 FT. GAINES NE 245', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. WHITE
8. CHALKY
9. SPARINGLY MICACEOUS
10. MEDIUM-COARSE
11. CALCITE AND MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. -50 ft.
15. fauna:
 - 1 Cucullaea (Idonearca) capax Conrad
 - present Lithophaga sp.
 - 1 Syncylonema simplicus (Conrad)
 - 2 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 1 Anomia (Anomia) argentaria Morton
 - 12 Exogyra costata Say
 - 2 Cubitostrea tecticosta (Gabb)
 - 3 Vetericardiella crenalirata (Conrad)
 - 3 Granocardium (Granocardium) kummeli Weller
 - present Tellina sp.
 - present Bryozoa (encrusting)
 - present Hamulus onyx Morton

LOCATION NO. 252 FT. GAINES NE 227', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GRAY
10. MEDIUM
11. CALCITE AND MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. -32 ft.
15. fauna:
 - 2 Glycymeris cf. G. rotundata (Gabb)
 - 1 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 4 Exogyra costata Say
 - 1 Cubitostrea tecticosta (Gabb)
 - 1 Pterotrignia (Scabrotrignia) angulicostata (Gabb)
 - 1 Bathytormus pteropsis (Conrad)
 - 2 Granocardium (Granocardium) kummeli Weller
 - 2 Cyprimeria depressa Conrad

present Hardouinea sp.

LOCATION NO. 253 FT. GAINES NE 221', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. LIGHT GRAY
9. SPARINGLY MICACEOUS
11. CALCITE AND MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. -26 ft.

15. fauna:
 - present *Crenella serica* Conrad
 - present *Camptonectes* (*Camptonectes*) sp.
 - present *Crassatella vadosa vadosa* Morton
 - present *Trachycardium* sp.
 - present *Hardouinea* sp.

LOCATION NO. 254 FT. GAINES NE 219', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GREEN GRAY
9. MICACEOUS
10. COARSE
11. CALCITE AND MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. -24 ft.

15. fauna:
 - present *Syncylonema simplicus* (Conrad)
 - present *Anomia* (*Anomia*) *argentaria* Morton
 - present *Hardouinea* sp.

LOCATION NO. 255 FT. GAINES NE 207', CLAY CO., GA

- 1. PROVIDENCE FM
- 2. LOWER
- 3. SUBSURFACE DATA 1981-83
- 4. SANDSTONE
- 5. LIGHT GRAY
- 10. COARSE
- 11. CALCITE AND MOLDS
- 12. 31 deg. 42 min. 37 sec. NORTH
- 13. 85 deg. 5 min. 15 sec. WEST
- 14. -12 ft.

15. fauna:

- 1 Glycymeris rotundata (Gabb)
- 2 Camptonectes (Camptonectes) bubonis (Stephenson)
- 3 Crassatella vadosa vadosa Morton
- 2 Bathytormus pteropsis (Conrad)
- 1 Uddenia texana Stephenson
- 2 Granocardium (Granocardium) kummeli Weller
- 1 Trachycardium sp.
- 1 Tellinimera gabbi Gardner
- 1 Cyclorisma parva (Gardner)
- 1 Cyprimeria depressa Conrad
- 1 Corbula sp.
- 2 Turritella (Sohlitella) bilira (Stephenson)
- 1 Turritella hilgardi Sohl
- present Micrabacia spp.
- present Hardouinea sp.
- present Hamulus? huntensis Stephenson
- present Hamulus onyx Morton
- present Crab parts

LOCATION NO. 256 FT. GAINES NE 206', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GRAY
7. CARBONACEOUS
9. MICACEOUS
10. MEDIUM-COARSE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. -11 ft.
15. fauna:
 - 2 *Glycymeris* cf. *G. rotundata* (Gabb)
 - 5 *Crenella serica* Conrad
 - 1 *Crenella elegantula* Meek & Hayden
 - 1 *Pteria* sp.
 - 4 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) sp.
 - 2 *Anomia* (*Anomia*) *argentaria* Morton
 - 2 *Anomia* (*Anomia*) *ornata* Gabb
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 5 *Pterotrignia* (*Scabrotrignia*) *angulicostata* (Gabb)
 - 5 *Bathytormus pteropsis* (Conrad)
 - 2 *Uddenia texana* Stephenson
 - 3 *Granocardium* (*Granocardium*) *tippanum* Conrad
 - 21 *Trachycardium eufaulensis* (Conrad)
 - 5 *Cymbophora berryi* (Gardner)
 - 1 *Aenona eufaulensis* (Conrad)
 - 1 *Linearia magnoliensis* Stephenson
 - 1 *Cyclorisma parva* (Gardner)
 - 1 *Cyprimeria alta* Conrad
 - 1 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Calliomphalus* (*Calliomphalus*) *nudus* Sohl
 - 3 *Euspira rectilabrum* (Conrad)
 - 1 *Odantobasis* ? sp.
 - 1 *Cylichna* sp.
 - present *Hardouinea* sp.
 - present *Hamulus?* *huntensis* Stephenson

LOCATION NO. 257 FT. GAINES NE 201', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. -6 ft.
15. fauna:
 - 1 *Nuculana whitfieldi* (Gardner)
 - 1 *Striarca* sp.
 - 4 *Crenella serica* Conrad
 - 7 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) sp.
 - 1 *Anomia* (*Anomia*) sp
 - 1 *Lima* (*Lima*) sp.
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 3 *Uddenia texana* Stephenson
 - 2 *Trachycardium eufaulensis* (Conrad)
 - 9 *Cymbophora berryi* (Gardner)
 - 1 *Aenona* sp.
 - present *Drilluta* ? sp.
 - present Echinoid sp.

LOCATION NO. 258 FT. GAINES NE 194', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
7. CARBONACEOUS
8. CLAYEY
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 1 ft.
15. fauna:
 - present *Striarca saffordi* (Gardner) non Gabb
 - present *Crenella serica* Conrad
 - present *Syncylonema simplicus* (Conrad)
 - present *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - present *Anomia* (*Anomia*) *argentaria* Morton
 - present *Cubitostrea tecticosta* (Gabb)
 - present *Uddenia texana* Stephenson
 - present *Cymbophora berryi* (Gardner)
 - present *Cyclorisma parva* (Gardner)
 - present *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - present *Bellifusus* sp.
 - present *Cadulus obnutus* (Conrad)

LOCATION NO. 259 FT. GAINES NE 188', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
7. CARBONACEOUS GLAUCONITIC
9. MICACEOUS
10. FINE
11. CALCITE AND MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 7 ft.

15. fauna:
 - present *Crenella serica* Conrad
 - present *Syncylonema simplicus* (Conrad)
 - present *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - present *Cubitostrea tecticosta* (Gabb)
 - present *Uddenia texana* Stephenson
 - present *Trachycardium eufaulensis* (Conrad)
 - present *Cyclorisma parva* (Gardner)
 - present *Micrabacia* spp.
 - present Bryozoa (branching)

LOCATION NO. 260 FT. GAINES NE 184.5', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. LIGHT GRAY
9. MICACEOUS
10. MEDIUM
11. CALCITE AND MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 10 ft.

15. fauna:
 - 1 Postligata wordeni Gardner
 - 1 Crenella serica Conrad
 - present Lithophaga sp.
 - 1 Isognomon sp.
 - 1 Syncylonema simplicus (Conrad)
 - 1 Camptonectes (Camptonectes) sp.
 - 1 Nymphalucina ? linearea (Stephenson)
 - 1 Astarte ? culebrensis (Stephenson)
 - 2 Crassatella vadosa vadosa Morton
 - 2 Uddenia texana Stephenson
 - 5 Granocardium (Granocardium) kummeli Weller
 - 4 Trachycardium eufaulensis (Conrad)
 - 1 Tellina sp.
 - 2 Linearia magnoliensis Stephenson
 - 1 Linearia pectinis Stephenson
 - 2 Liothyris sp.
 - 1 Cyclorisma parva (Gardner)
 - 1 Turritella hilgardi Sohl
 - 1 Turritella sp.
 - 1 Euspira rectilabrum (Conrad)
 - 1 Pyrifusus sp.
 - 1 Paladmete cancellaria (Conrad)
 - 1 Cylichna incisa Stephenson
 - present Hardouinea sp.
 - present Hamulus? huntensis Stephenson
 - present Hamulus onyx Morton

LOCATION NO. 261 FT. GAINES NE 177', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GRAY
7. SPARINGLY GLAUCONITIC
9. SPARINGLY MICACEOUS
10. MEDIUM
11. CALCITE AND MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 18 ft.
15. fauna:
 - 1 *Nuculana whitfieldi* (Gardner)
 - 3 *Striarca cuneata* Gabb
 - 6 *Glycymeris rotundata* (Gabb)
 - 1 *Postligata wordeni* Gardner
 - 4 *Crenella serica* Conrad
 - 1 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 1 *Ostrea* sp.
 - 2 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 1 *Bathytormus pteropsis* (Conrad)
 - 6 *Uddenia texana* Stephenson
 - 2 *Granocardium* (*Granocardium*) *kummeli* Weller
 - 9 *Trachycardium eupaulensis* (Conrad)
 - 1 *Linearia metastriata* Conrad
 - 1 *Veniella conradi* (Morton)
 - 4 *Cyprimeria depressa* Conrad
 - 1 *Caesticorbula* (*Parmicorbula*) *terramaria* (Gardner)
 - 2 *Ataphrus* n. sp.
 - 2 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 1 *Turritella hilgardi* Sohl
 - 1 *Stantonella interrupta* (Conrad)
 - present *Hardouinea* sp.
 - present *Hamulus?* *huntensis* Stephenson

LOCATION NO. 262 FT. GAINES NE 166', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GRAY
10. MEDIUM
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 29 ft.
15. fauna:
 - 4 *Striarca cuneata* Gabb
 - 1 *Cucullaea (Idonearca) capax* Conrad
 - 5 *Glycymeris rotundata* (Gabb)
 - 2 *Crenella serica* Conrad
 - 1 *Syncylonema simplicus* (Conrad)
 - 1 *Anomia (Anomia) ornata* Gabb
 - 4 *Lima (Lima) reticulata* Lyell & Forbes
 - 5 *Pterotrignia (Scabrotrignia) eufaulensis* (Gabb)
 - 9 *Crassatella vadosa vadosa* Morton
 - 1 *Bathytormus pteropsis* (Conrad)
 - 12 *Uddenia texana* Stephenson
 - 2 *Granocardium (Granocardium) kummeli* Weller
 - 24 *Trachycardium eufaulensis* (Conrad)
 - 2 *Cymbophora berryi* (Gardner)
 - 2 *Tellinimera gabbi* Gardner
 - 3 *Linearia magnoliensis* Stephenson
 - 5 *Cyclorisma parva* (Gardner)
 - 1 *Cyprimeria alta* Conrad
 - 1 *Corbula* sp.
 - 1 *Anatymya* sp.
 - 1 *Ataphrus* n. sp.
 - 1 *Turritella (Sohlitella) trilira* (Conrad)
 - 1 *Turritella* sp.
 - 1 *Graciliala* sp.
 - 2 *Polinices kummeli* Sohl
 - 2 *Euspira rectilabrum* (Conrad)
 - 3 *Stantonella interrupta* (Conrad)
 - 1 *Remera juncea* (Gardner)
 - 1 Neogastropods indeterminate
 - present *Hamulus? huntensis* Stephenson

LOCATION NO. 263 FT. GAINES NE 163', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
7. CARBONACEOUS
8. CLAYEY
9. MICACEOUS
10. MEDIUM-COARSE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 32 ft.
15. fauna:
 - 5 *Glycymeris rotundata* (Gabb)
 - 3 *Crenella serica* Conrad
 - 18 *Syncylonema simplicus* (Conrad)
 - 2 *Anomia* (*Anomia*) *argentaria* Morton
 - 2 *Anomia* (*Anomia*) *ornata* Gabb
 - 4 *Cubitostrea tecticosta* (Gabb)
 - 1 *Pterotrigonia* (*Scabrotrigonia*) *eufaulensis* (Gabb)
 - 1 *Phacoides* ? *mattiformis* (Stephenson)
 - 2 *Crassatella* sp.
 - 9 *Uddenia texana* Stephenson
 - 14 *Trachycardium eupaulensis* (Conrad)
 - 13 *Cymbophora berryi* (Gardner)
 - 1 *Tellina* sp.
 - 2 *Linearia magnoliensis* Stephenson
 - 2 *Cyclorisma parva* (Gardner)
 - 1 *Cyprimeria depressa* Conrad
 - 2 *Caesticorbula* (*Parmicorbula*) *suffalciata* (Wade)
 - 1 *Drilluta* ? sp.
 - 3 *Micrabacia* spp.
 - 3 *Hamulus onyx* Morton
 - present *Serpula* sp.

LOCATION NO. 264 FT. GAINES NE 160', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. SAND
5. DARK GRAY
7. CARBONACEOUS
8. CLAYEY
9. MICACEOUS
11. CALCITE AND MUSHY ARAGONITE
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 35 ft.
15. fauna:
 - 2 *Nucula cunifrons* Conrad
 - 1 *Nuculana whitfieldi* (Gardner)
 - 2 *Nuculana rostrotruncata* (Gardner)
 - 1 *Nemodon enfaulensis* (Gabb)
 - 1 *Nemodon* cf. *Nemodon grandis* Wade
 - 1 *Striarca saffordi* (Gardner) non Gabb
 - 3 *Crenella serica* Conrad
 - 47 *Syncylonema simplicus* (Conrad)
 - 5 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 9 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 2 *Cubitostrea tecticosta* (Gabb)
 - 61 *Uddenia texana* Stephenson
 - 4 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 3 *Cymbophora berryi* (Gardner)
 - 1 *Tellinimera gabbi* Gardner
 - 4 *Aenona eufaulensis* (Conrad)
 - 3 *Linearia metastriata* Conrad
 - 3 *Tenea parilis* Conrad
 - 15 *Cyclorisma parva* (Gardner)
 - 5 *Cyprimeria depressa* Conrad
 - 4 *Legumen ellipticum* Conrad
 - 1 *Corbula monmouthensis* Gardner
 - 2 *Ataphrus* n. sp.
 - 2 *Euspira rectilabrum* (Conrad)
 - 1 *Creonella triplicata* Wade
 - 2 *Cadulus obnutus* (Conrad)
 - 2 *Dentalium leve* Stephenson
 - 3 *Micrabacia* spp.
 - 3 *Hamulus onyx* Morton
 - 1 Otolith

LOCATION NO. 265 FT. GAINES NE 158', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. DARK GRAY
7. CARBONACEOUS
8. FINELY SANDY
9. VERY MICACEOUS
10. FINE-MEDIUM
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 37 ft.
15. fauna:
 - 1 *Nucula amica* Gardner
 - 7 *Nucula cunifrons* Conrad
 - 7 *Nuculana whitfieldi* (Gardner)
 - 2 *Nuculana rostrotruncata* (Gardner)
 - 12 *Nemodon enfaulensis* (Gabb)
 - 12 *Striarca cuneata* Gabb
 - 7 *Crenella serica* Conrad
 - 1 *Pteria* sp.
 - 16 *Syncylonema simplicus* (Conrad)
 - 2 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 6 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 5 *Nymphalucina* ? *linearea* (Stephenson)
 - 1 *Myrtea stephensoni* Gardner
 - 6 *Unicardium concentricum* (Conrad)
 - 100 *Uddenia texana* Stephenson
 - 1 *Granocardium* (*Granocardium*) sp.
 - 4 *Trachycardium eufaulensis* (Conrad)
 - 2 *Trachycardium* sp.
 - 9 *Cymbophora berryi* (Gardner)
 - 1 *Tellinimera gabbi* Gardner
 - 1 *Tellina* sp.
 - 3 *Aenona eufaulensis* (Conrad)
 - 1 *Linearia metastriata* Conrad
 - 2 *Tenea parilis* Conrad
 - 15 *Cyclorisma parva* (Gardner)
 - 2 *Corbula subradiata* Gardner
 - 3 *Ataphrus* n. sp.
 - 2 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 1 *Turritella* n. sp. (noded spirals)
 - 3 *Rissoa* n. sp. (lirate)
 - 3 *Euspira rectilabrum* (Conrad)
 - 1 *Acteon cicatricosus* Sohl
 - 1 *Ringicula* (*Ringiculella*) *clarki* Gardner
 - 1 *Cylichna* sp.
 - 1 *Eulima* sp.
 - 1 *Creonella* cf. *C. subangulata* Sohl
 - 1 *Aciculiscala acuta* Sohl

LOCATION NO. 265 FT. GAINES NE 158', CLAY CO., GA
5 Cadulus obnutus (Conrad)
20 Dentalium leve Stephenson
1 Micrabacia spp.
3 Hamulus onyx Morton
present Bone material

LOCATION NO. 266 FT. GAINES NE 154', CLAY CO., GA

1. PROVIDENCE FM
2. LOWER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
8. FINELY SANDY
9. VERY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 41 ft.

15. fauna:
 - 2 *Nucula percrassa* Conrad
 - 8 *Nucula cunifrons* Conrad
 - 2 *Nuculana whitfieldi* (Gardner)
 - 1 *Nemodon* sp.
 - 7 *Striarca cuneata* Gabb
 - 25 *Striarca saffordi* (Gardner) non Gabb
 - 6 *Crenella serica* Conrad
 - present *Ostrea* sp.
 - 39 *Nymhalucina* ? *linearea* (Stephenson)
 - 17 *Phacoides* ? *mattiformis* (Stephenson)
 - 5 *Astarte* ? *culebrensis* (Stephenson)
 - 168 *Uddenia texana* Stephenson
 - 2 *Trachycardium* sp.
 - 1 *Tellina* sp.
 - 2 *Aenona eufaulensis* (Conrad)
 - 5 *Cyclorisma parva* (Gardner)
 - 1 *Corbula* sp.
 - 1 *Urceolabrum* sp.
 - 2 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 2 *Turritella* n. sp. (*Multilirata*)
 - 11 *Turritella* n. sp. (*noded spirals*)
 - 1 *Cerithiella* aff. *C. nodoliratum* (Wade)
 - 5 *Rissoa* n. sp. (*lirate*)
 - 1 *Euspira rectilabrum* (Conrad)
 - 5 *Ancilla* (*Ancillus*) *acutula* (Stephenson)
 - 1 *Paladmete cancellaria* (Conrad)
 - 6 *Ringicula* (*Ringiculella*) *clarki* Gardner
 - 10 *Cylichna incisa* Stephenson
 - 1 *Goniocylichna* sp.
 - 1 *Eulima* sp.
 - 1 *Creonella triplicata* Wade
 - 3 *Creonella* cf. *C. subangulata* Sohl
 - 1 *Aciculiscala acuta* Sohl
 - 2 *Cadulus obnatus* (Conrad)
 - 14 *Dentalium leve* Stephenson
 - 14 *Micrabacia* spp.
 - present Bone material

LOCATION NO. 267 FT. GAINES NE 147', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
8. FINELY SANDY
9. VERY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 58 ft.

15. fauna:
 - 2 *Nucula cunifrons* Conrad
 - 1 *Nemodon eufaulensis* (Gabb)
 - 11 *Striarca cuneata* Gabb
 - 9 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Anomia* (*Anomia*) *argentaria* Morton
 - 26 *Nymphalucina* ? *linearea* (Stephenson)
 - 19 *Uddenia texana* Stephenson
 - 1 *Trachycardium eufaulensis* (Conrad)
 - 1 *Trachycardium* sp.
 - 3 *Cymbophora berryi* (Gardner)
 - 2 *Aenona eufaulensis* (Conrad)
 - 1 *Linearia metastriata* Conrad
 - 3 *Ataphrus* n. sp.
 - 1 *Nozeba* n. sp.
 - 3 *Rissoa* n. sp. (*lirate*)
 - 3 *Ancilla* (*Ancillus*) *acutula* (Stephenson)
 - 3 *Ringicula* (*Ringiculella*) *clarki* Gardner
 - 2 *Cylichna* sp.
 - 6 *Creonella triplicata* Wade
 - 3 *Creonella* cf. *C. subangulata* Sohl
 - 5 *Micrabacia* spp.
 - present *Hamulus?* *huntensis* Stephenson
 - 9 *Hamulus onyx* Morton

LOCATION NO. 268 FT. GAINES NE 146', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GRAY
10. COARSE
11. MOLDS ONLY
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 49 ft.

15. fauna:
 - 4 *Crassatella vadosa vadosa* Morton
 - 14 *Trachycardium eufaulensis* (Conrad)
 - 1 *Cyprimeria alta* Conrad
 - present Bivalves indeterminate

LOCATION NO. 269 FT. GAINES NE 143', CLAY CO., GA

- 1. PROVIDENCE FM
- 2. UPPER
- 3. SUBSURFACE DATA 1981-83
- 4. SANDSTONE
- 5. LIGHT GRAY
- 6. POORLY SORTED
- 7. ARGILLACEOUS
- 10. COARSE
- 11. CALCITE AND MOLDS
- 12. 31 deg. 42 min. 37 sec. NORTH
- 13. 85 deg. 5 min. 15 sec. WEST
- 14. 52 ft.

15. fauna:

- 1 *Nuculana whitfieldi* (Gardner)
- 1 *Nemodon* cf. *Nemodon grandis* Wade
- 37 *Glycymeris rotundata* (Gabb)
- 3 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
- 5 *Pterotrignia* (*Scabrotrignia*) *angulicostata* (Gabb)
- 4 *Crassatella vadosa vadosa* Morton
- 1 *Protocardium* (*Pachycardium*) *spillmani* (Conrad)
- 4 *Granocardium* (*Granocardium*) *tippanum* Conrad
- 1 *Aenona* sp.
- 2 *Linearia* sp.
- 1 *Corbula* sp.
- 1 *Ataphrus* n. sp.
- 1 *Teinostoma clara* Sohl
- 1 *Helicaulax formosa* Stephenson
- 1 *Euspira rectilabrum* (Conrad)
- 1 *Dolicholatirus torquatus* Sohl
- 1 *Liopeplum canalis* (Conrad)
- present *Hamulus?* *huntensis* Stephenson

LOCATION NO. 270 FT. GAINES NE 135', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. LIGHT GRAY
7. CARBONACEOUS
10. FINE
11. CALCITE AND MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 60 ft.

15. fauna:
 - present Anomia (Anomia) argentaria Morton
 - present Ostrea sp.
 - present Uddenia texana Stephenson

LOCATION NO. 271 FT. GAINES NE 133', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. LIGHT GRAY
10. MEDIUM
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 62 ft.

15. fauna:
 - 1 Syncylonema simplicus (Conrad)
 - 3 Cubitostrea tecticosta (Gabb)
 - present Ostrea sp.
 - 15 Uddenia texana Stephenson
 - 1 Hamulus onyx Morton
 - present Serpula sp.

LOCATION NO. 272 FT. GAINES NE 126', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. DARK GRAY
7. CARBONACEOUS
8. FINELY TO MEDIUMLY SANDY
9. VERY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 69 ft.
15. fauna:
 - 2 *Nucula cunifrons* Conrad
 - 2 *Nuculana whitfieldi* (Gardner)
 - 1 *Nemodon* sp.
 - 2 *Striarca* sp.
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 13 *Nymhalucina* ? *linearea* (Stephenson)
 - 164 *Uddenia texana* Stephenson
 - 2 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora wordeni* (Gardner)
 - 1 *Aenona* sp.
 - 1 *Linearia* sp.
 - 1 *Cyclorisma parva* (Gardner)
 - 2 *Corbula subradiata* Gardner
 - 1 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 1 *Hamulus onyx* Morton

LOCATION NO. 273 FT. GAINES NE 123', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. TAN GRAY
7. CARBONACEOUS
9. MICACEOUS
10. COARSE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 72 ft.
15. fauna:
 - 2 *Postligata wordeni* Gardner
 - 1 *Crenella elegantula* Meek & Hayden
 - 5 *Botula ripleyana* (Gabb)
 - 4 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 3 *Pterotrigonia* (*Scabrotrigonia*) *angulicostata* (Gabb)
 - 8 *Crassatella* sp.
 - 1 *Uddenia texana* Stephenson
 - 7 *Granocardium* (*Granocardium*) *tippanum* Conrad
 - 10 *Ataphrus* n. sp.
 - 1 *Laxispira monilifera* Sohl
 - 1 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 6 *Turritella* n. sp. (*Unilira*)
 - 2 *Turritella* n. sp. (*Multilirata*)
 - 12 *Hamulus onyx* Morton

present Crab parts

LOCATION NO. 274 FT. GAINES NE 122', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GRAY
7. CARBONACEOUS
10. MEDIUM-COARSE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 73 ft.
15. fauna:
 - 1 *Crenella serica* Conrad
 - 1 *Exogyra* sp.
 - 3 *Cubitostrea tecticosta* (Gabb)
 - 1 *Pterotrignia* (*Scabrotrignia*) *angulicostata* (Gabb)
 - 8 *Crassatella vadosa vadosa* Morton
 - 2 *Granocardium* (*Granocardium*) *tippanum* Conrad
 - 1 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 1 *Liothyris* sp.
 - 1 *Aphrodina* (*Aphrodina*) sp.
 - 2 *Corbula monmouthensis* Gardner
 - 1 *Corbula* sp.
 - 3 *Ataphrus* n. sp.
 - 1 *Turritella* sp.
 - 1 *Seila* aff *S. quadrilira*
 - 1 *Hercorhyncus* (*Hercorhyncus*) sp.
 - 1 *Liopeplum* sp.
 - 1 *Micrabacia* spp.
 - 7 *Hamulus onyx* Morton

LOCATION NO. 275 FT. GAINES NE 119', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. SAND
5. GREEN GRAY
8. SILTY-CLAYEY
10. COARSE-VERY COARSE
11. CALCITE AND MUSHY ARAGONITE
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 76 ft.

15. fauna:
 - 1 *Nuculana whitfieldi* (Gardner)
 - 2 *Crenella serica* Conrad
 - 1 *Syncylonema simplicus* (Conrad)
 - 3 *Crassatella vadosa vadosa* Morton
 - 1 *Uddenia texana* Stephenson
 - 1 *Trachycardium* sp.
 - 1 *Cymbophora appressa* (Gabb)
 - 1 *Aenona eufaulensis* (Conrad)
 - 1 *Cyclorisma parva* (Gardner)
 - 2 *Ataphrus* n. sp.
 - 1 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 1 *Cadulus obnutus* (Conrad)

LOCATION NO. 276 FT. GAINES NE 118', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
8. SILTY
9. MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 77 ft.
15. fauna:
 - 1 *Nucula percrassa* Conrad
 - 2 *Nucula amica* Gardner
 - 5 *Nuculana whitfieldi* (Gardner)
 - 1 *Nemodon enfaulensis* (Gabb)
 - 9 *Striarca cuneata* Gabb
 - 11 *Striarca saffordi* (Gardner) non Gabb
 - 2 *Crenella serica* Conrad
 - 1 *Syncylonema simplicus* (Conrad)
 - 3 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Lima* (*Lima*) sp.
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 1 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 84 *Nymphalucina* ? *linearea* (Stephenson)
 - 3 *Astarte*? sp.
 - 123 *Uddenia texana* Stephenson
 - 1 *Granocardium* (*Granocardium*) sp.
 - 13 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora* n. sp. (fine concentrics)
 - 1 *Tellinimera gabbi* Gardner
 - 24 *Aenona eupaulensis* (Conrad)
 - 7 *Cyclorisma parva* (Gardner)
 - 1 *Cyprimeria depressa* Conrad
 - 7 *Corbula monmouthensis* Gardner
 - 7 *Corbula subradiata* Gardner
 - 4 *Ataphrus* n. sp.
 - 1 *Urceolabrum* sp.
 - 1 *Teinostoma* sp.
 - 10 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 53 *Turritella* n. sp. (Multilirate)
 - 1 *Seila* aff *S. quadrilira*
 - 3 *Rissoa* n. sp. (lirate)
 - 4 *Euspira rectilabrum* (Conrad)
 - 1 *Fulgerca* sp.
 - 3 *Cylichna incisa* Stephenson
 - 1 *Scobinodola* sp.
 - 1 *Zikkuratia tabanneensis* Sohl
 - 1 *Eulima monmouthensis* (Gardner)
 - 7 *Creonella triplicata* Wade
 - 5 *Creonella* cf. *C. subangulata* Sohl

LOCATION NO. 276 FT. GAINES NE 118', CLAY CO., GA
1 Ammonite fragments
28 Cadulus obnutus (Conrad)
11 Hamulus onyx Morton
present Fish parts
present Shark parts
1 Otolith

LOCATION NO. 277 FT. GAINES NE 117', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
8. SANDY SILTY
9. MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 78 ft.
15. fauna:
 - 1 *Nucula amica* Gardner
 - 19 *Nucula cunifrons* Conrad
 - 2 *Nemodon enfaulensis* (Gabb)
 - 2 *Striarca cuneata* Gabb
 - 9 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Modiolus sedesclaris* Gardner
 - 6 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 3 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 109 *Nymphalucina* ? *linearea* (Stephenson)
 - 1 *Myrtea stephensoni* Gardner
 - 1 *Crassatella vadosa vadosa* Morton
 - 342 *Uddenia texana* Stephenson
 - 1 *Trachycardium* sp.
 - 27 *Cymbophora berryi* (Gardner)
 - 3 *Cymbophora* n. sp. (fine concentrics)
 - 1 *Tellinimera gabbi* Gardner
 - 22 *Aenona eufaulensis* (Conrad)
 - 1 *Liothyris* sp.
 - 19 *Cyclorisma parva* (Gardner)
 - 5 *Cyprimeria depressa* Conrad
 - 1 *Corbula monmouthensis* Gardner
 - 10 *Corbula subradiata* Gardner
 - 6 *Caesticorbula* (*Parmicorbula*) *suffalciata* (Wade)
 - 1 *Caesticorbula* (*Parmicorbula*) *terramaria* (Gardner)
 - 7 *Ataphrus* n. sp.
 - 1 *Urceolabrum* sp.
 - 21 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 131 *Turritella* n. sp. (Multilirate)
 - 2 *Seila* aff *S. quadrilira*
 - 1 *Seila* sp.
 - 1 *Cerithiella* aff. *C. nodoliratum* (Wade)
 - 3 *Nozeba* n. sp.
 - 11 *Rissoa* n. sp. (lirate)
 - 1 *Graciliala* sp.
 - 2 *Euspira rectilabrum* (Conrad)
 - 2 *Ellipsoscapha* ? sp.
 - 6 *Cylichna incisa* Stephenson

LOCATION NO. 277 FT. GAINES NE 117', CLAY CO., GA

1	Goniocylichna sp.
1	Zikkuratia tabanneensis Sohl
10	Creonella triplicata Wade
19	Creonella cf. C. subangulata Sohl
1	Aciculiscala acuta Sohl
23	Cadulus obnutus (Conrad)
3	Dentalium leve Stephenson
6	Hamulus onyx Morton
present	Crab parts
present	Fish parts
18	Otolith

LOCATION NO. 278 FT. GAINES NE 115', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
7. CARBONACEOUS
8. FINELY SILTY
9. MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 80 ft.
15. fauna:
 - 1 *Nucula percrassa* Conrad
 - 1 *Nucula amica* Gardner
 - 3 *Nucula cunifrons* Conrad
 - 5 *Striarca cuneata* Gabb
 - 2 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Pteria* sp.
 - 1 *Syncylonema simplicus* (Conrad)
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 67 *Nymhalucina* ? *linearea* (Stephenson)
 - 1 *Myrtea stephensoni* Gardner
 - 73 *Uddenia texana* Stephenson
 - 1 *Trachycardium* sp.
 - 41 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora* n. sp. (fine concentrics)
 - 4 *Tellina* sp.
 - 29 *Aenona eufaulensis* (Conrad)
 - 3 *Cyclorisma parva* (Gardner)
 - 2 *Cyprimeria depressa* Conrad
 - 6 *Corbula subradiata* Gardner
 - 1 *Caesticorbula* (*Parmicorbula*) *suffalciata* (Wade)
 - 1 *Ataphrus* n. sp.
 - 17 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 34 *Turritella* n. sp. (Multilirate)
 - 2 *Seila* sp.
 - 2 *Nozeba* n. sp.
 - 3 *Rissoa* n. sp. (lirate)
 - 2 *Turboella tallahatchiensis* Sohl
 - 4 *Euspira rectilabrum* (Conrad)
 - 1 *Mathilda* aff. *M. ripleyana* Wade
 - 1 *Paladmete cancellaria* (Conrad)
 - 6 *Cylichna* sp.
 - 1 *Zikkuratia tabanneensis* Sohl
 - 1 *Eulima* sp.
 - 3 *Pyramidellid* n. sp. n. gen.
 - 5 *Creonella triplicata* Wade
 - 6 *Creonella* cf. *C. subangulata* Sohl
 - 30 *Cadulus obnutus* (Conrad)
 - 11 *Hamulus* sp.
 - 8 Otolith

LOCATION NO. 279 FT. GAINES NE 113', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. DARK GRAY
7. CARBONACEOUS
9. MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 82 ft.

15. fauna:
 - 1 *Nucula amica* Gardner
 - 5 *Nucula cunifrons* Conrad
 - 3 *Nuculana whitfieldi* (Gardner)
 - 2 *Striarca* sp.
 - 11 *Modiolus sedesclaris* Gardner
 - 1 *Anomia* (*Anomia*) *argentaria* Morton
 - 56 *Nymhalucina* ? *linearea* (Stephenson)
 - 18 *Uddenia texana* Stephenson
 - 24 *Cymbophora berryi* (Gardner)
 - 4 *Aenona eufaulensis* (Conrad)
 - 1 *Cyclorisma parva* (Gardner)
 - 1 *Cyprimeria depressa* Conrad
 - 1 *Corbula subradiata* Gardner
 - 6 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 9 *Turritella* n. sp. (Multilirate)
 - 2 *Nozeba* n. sp.
 - 2 *Rissoa* n. sp. (lirate)
 - 1 *Turboella tallahatchiensis* Sohl
 - 2 *Euspira rectilabrum* (Conrad)
 - 2 *Creonella triplicata* Wade
 - 5 *Creonella* cf. *C. subangulata* Sohl

LOCATION NO. 280 FT. GAINES NE 112', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
7. CARBONACEOUS
9. VERY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 83 ft.
15. fauna:
 - 1 Nuculana sp.
 - 1 Pteria sp.
 - 59 Nymhalucina ? linearea (Stephenson)
 - 1 Myrtea stephensoni Gardner
 - 12 Uddenia texana Stephenson
 - 60 Cymbophora berryi (Gardner)
 - 21 Aenona eufaulensis (Conrad)
 - 2 Cyclorisma parva (Gardner)
 - 3 Corbula subradiata Gardner
 - 7 Turritella (Sohlitella) bilira (Stephenson)
 - 11 Turritella n. sp. (Multilirate)
 - 1 Nozeba n. sp.
 - 9 Rissoa n. sp. (lirate)
 - 7 Euspira rectilabrum (Conrad)
 - 2 Zikkuratia tabanneensis Sohl
 - 7 Creonella triplicata Wade
 - 2 Cadulus obnutus (Conrad)
 - 1 Crab parts
 - 8 Otolith

LOCATION NO. 281 FT. GAINES NE 111', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
7. CALCAREOUS CARBONACEOUS
8. SILTY
9. VERY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 84 ft.
15. fauna:
 - 5 *Nucula cunifrons* Conrad
 - 2 *Striarca cuneata* Gabb
 - 35 *Nymhalucina* ? *linearea* (Stephenson)
 - 1 *Myrtea stephensoni* Gardner
 - 54 *Uddenia texana* Stephenson
 - 2 *Trachycardium* sp.
 - 61 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora* n. sp. (fine concentrics)
 - 3 *Tellina* sp.
 - 18 *Aenona eufaulensis* (Conrad)
 - 18 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 11 *Turritella* n. sp. (Multilirate)
 - 4 *Nozeba* n. sp.
 - 10 *Rissoa* n. sp. (lirate)
 - 2 *Turboella tallahatchiensis* Sohl
 - 4 *Euspira rectilabrum* (Conrad)
 - 1 *Ringicula* (*Ringiculella*) *clarki* Gardner
 - 1 *Cylichna* sp.
 - 4 *Pyramidellid* n. sp. n. gen.
 - 12 *Creonella triplicata* Wade
 - 9 *Creonella* cf. *C. subangulata* Sohl
 - 9 *Cadulus obnatus* (Conrad)
 - present Fish parts
 - 19 Otolith

LOCATION NO. 282 FT. GAINES NE 109', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
7. CALCAREOUS CARBONACEOUS
8. SILTY
9. VERY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 86 ft.
15. fauna:
 - 10 *Nucula cunifrons* Conrad
 - 15 *Nuculana whitfieldi* (Gardner)
 - 3 *Nuculana rostrotruncata* (Gardner)
 - 2 *Striarca cuneata* Gabb
 - 3 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Glycymeris rotundata* (Gabb)
 - 2 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 4 *Anomia* (*Anomia*) *argentaria* Morton
 - 3 *Cubitostrea tecticosta* (Gabb)
 - 35 *Nymphalucina* ? *linearea* (Stephenson)
 - 4 *Myrtea stephensoni* Gardner
 - 164 *Uddenia texana* Stephenson
 - 148 *Cymbophora berryi* (Gardner)
 - 3 *Cymbophora* n. sp. (fine concentrics)
 - 2 *Tellinimera gabbi* Gardner
 - 3 *Tellina* sp.
 - 20 *Aenona eufaulensis* (Conrad)
 - 13 *Cyprimeria depressa* Conrad
 - 1 *Corbula subradiata* Gardner
 - 2 *Caesticorbula* (*Parmicorbula*) *suffalciata* (Wade)
 - 1 *Caesticorbula* (*Parmicorbula*) *terramaria* (Gardner)
 - 6 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 24 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 46 *Turritella* n. sp. (Multilirata)
 - 2 *Nozeba* n. sp.
 - 1 *Rissoa* n. sp. (lirate)
 - 10 *Euspira rectilabrum* (Conrad)
 - 1 *Aliofusus* sp.
 - 1 *Bellifusus* sp.
 - 2 *Cylichna* sp.
 - 3 *Creonella* cf. *C. subangulata* Sohl
 - 17 *Cadulus obnutus* (Conrad)
 - 2 Otolith

LOCATION NO. 283 FT. GAINES NE 108', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
8. FINELY SANDY
9. SPARINGLY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 87 ft.
15. fauna:
 - 1 Nucula amica Gardner
 - 12 Nucula cunifrons Conrad
 - 22 Nuculana whitfieldi (Gardner)
 - 5 Nuculana rostrotruncata (Gardner)
 - 19 Striarca cuneata Gabb
 - 1 Modiolus sedesclaris Gardner
 - 1 Pteria sp.
 - 2 Syncylonema simplicus (Conrad)
 - 4 Anomia (Anomia) argentaria Morton
 - 1 Ostrea sp.
 - 48 Nymphalucina ? Linearea (Stephenson)
 - 2 Myrtea stephensoni Gardner
 - 311 Uddenia texana Stephenson
 - 4 Trachycardium sp.
 - 95 Cymbophora berryi (Gardner)
 - 11 Cymbophora n. sp. (fine concentrics)
 - 25 Aenona eufaulensis (Conrad)
 - 11 Linearia metastriata Conrad
 - 28 Cyclorisma parva (Gardner)
 - 2 Corbula subradiata Gardner
 - 1 Caesticorbula (Parmicorbula) suffalciata (Wade)
 - 10 Caesticorbula (Parmicorbula) terramaria (Gardner)
 - 1 Urceolabrum sp.
 - 45 Turritella (Sohlitella) bilira (Stephenson)
 - 149 Turritella n. sp. (Multilirata)
 - 1 Seila n. sp.
 - 5 Rissoa n. sp. (lirate)
 - 2 Turboella crebricostata
 - 3 Gyrodes? n.sp.
 - 8 Euspira rectilabrum (Conrad)
 - 1 Paladmete cancellaria (Conrad)
 - 4 Acteon cicatricosus Sohl
 - 1 Ringicula (Ringiculella) clarki Gardner
 - 9 Cylichna sp.
 - 18 Creonella triplicata Wade
 - 9 Creonella cf. C. subangulata Sohl
 - 41 Cadulus obnutus (Conrad)
 - 1 Fish parts
 - 4 Otolith

LOCATION NO. 284 FT. GAINES NE 107', CLAY CO., GA

1. PROVIDENCE FM
2. UPPER
3. SUBSURFACE DATA 1981-83
4. CLAY
5. DARK GRAY
7. CARBONACEOUS
8. SILTY-FINELY SANDY
9. VERY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 42 min. 37 sec. NORTH
13. 85 deg. 5 min. 15 sec. WEST
14. 88 ft.
15. fauna:
 - 1 *Nuculana whitfieldi* (Gardner)
 - 1 *Striarca saffordi* (Gardner)non Gabb
 - 9 *Nymphalucina* ? *linearea* (Stephenson)
 - 1 *Myrtea stephensoni* Gardner
 - 9 *Uddenia texana* Stephenson
 - 36 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora wordeni* (Gardner)
 - 1 *Tellinimera gabbi* Gardner
 - 5 *Aenona eufaulensis* (Conrad)
 - 1 *Cyclorisma parva* (Gardner)
 - 2 *Corbula subradiata* Gardner
 - 2 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 3 *Turritella* n. sp. (Multilirate)
 - 2 *Creonella triplicata* Wade
 - 2 *Cadulus obnutus* (Conrad)
 - 1 *Micrabacia* spp.

LOCATION NO. 287 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. BROWN GRAY
7. ARGILLACEOUS
9. MICACEOUS
10. FINE
11. CALCITE AND MOLDS
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 378 ft.
15. fauna:
 - 1 Perrisonota sp.
 - 1 Syncylonema simplicus (Conrad)
 - 1 Myrtea stephensoni Gardner
 - 2 Cymbophora berryi (Gardner)
 - 1 Cymbophora n. sp. (fine ribs)
 - present Tellinimera gabbi Gardner
 - 1 Legumen ellipticum Conrad
 - present Turritella sp.
 - present Hamulus onyx Morton

LOCATION NO. 288 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
8. SILTY-CLAYEY
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 377 ft.

15. fauna:
 - 1 *Syncylonema simplicus* (Conrad)
 - 1 *Nymphalucina ? linearea* (Stephenson)
 - 1 *Uddenia texana* Stephenson
 - 1 *Trachycardium* sp.
 - 3 *Cymbophora berryi* (Gardner)
 - 1 *Turritella (Sohlitella) trilira* (Conrad)
 - 1 *Dentalium leve* Stephenson
 - present *Hamulus onyx* Morton

LOCATION NO. 289 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
9. MICACEOUS
10. FINE
11. MOLDS ONLY
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 367 ft.

15. fauna:
 - 2 *Crenella serica* Conrad
 - 2 *Syncylonema simplicus* (Conrad)
 - 1 *Cymbophora berryi* (Gardner)
 - 1 *Tenea parilis* Conrad
 - 2 *Turritella chalybeatensis* Sohl
 - 1 *Paladmete cancellaria* (Conrad)

LOCATION NO. 290 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. DARK GRAY
7. ARGILLACEOUS
9. VERY MICACEOUS
10. FINE
11. CALCITE AND MOLDS
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 359 ft.

15. fauna:
 - present *Syncylonema simplicus* (Conrad)
 - present *Ostrea* sp.
 - present *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - present Ammonite fragments
 - present *Serpula* sp.

LOCATION NO. 291 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
8. CLAYEY
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 255 ft.
15. fauna:
 - 6 *Nucula amica* Gardner
 - 6 *Nuculana whitfieldi* (Gardner)
 - 1 *Striarca* sp.
 - 1 *Striarca saffordi* (Gardner) non Gabb
 - 18 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 8 *Anomia* (*Anomia*) *argentaria* Morton
 - 10 *Nymphalucina* ? *linearea* (Stephenson)
 - 7 *Cymbophora berryi* (Gardner)
 - 1 *Veniella conradi* (Morton)
 - 2 *Cyclorisma parva* (Gardner)
 - 3 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 2 *Eufistulena* sp.
 - 10 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 3 *Turritella chalybeatensis* Sohl
 - 1 *Xenophora leprosa* (Morton)
 - 8 *Paladmete cancellaria* (Conrad)
 - present Neogastropods indeterminate
 - 1 *Creonella triplicata* Wade
 - 1 *Baculites* sp.
 - present Ammonite fragments
 - 1 *Dentalium leve* Stephenson
 - present Bryozoa (encrusting)
 - present *Hamulus onyx* Morton
 - present Crab parts

LOCATION NO. 292 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
7. ARGILLACEOUS
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 349 ft.
15. fauna:
 - 8 *Nuculana whitfieldi* (Gardner)
 - 1 *Nuculana* sp.
 - 3 *Striarca saffordi* (Gardner) non Gabb
 - 11 *Syncylonema simplicus* (Conrad)
 - 2 *Anomia* (*Anomia*) *argentaria* Morton
 - 8 *Pterotrionia* (*Scabrotrionia*) *eufaulensis* (Gabb)
 - 1 *Granocardium* (*Granocardium*) *tippicum* Conrad
 - 1 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora appressa* (Gabb)
 - 1 *Leptosolen biplicata* (Conrad)
 - 1 *Tellina* sp.
 - 1 *Aenona eupaulensis* (Conrad)
 - 4 *Linearia metastriata* Conrad
 - 10 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 4 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 1 *Turritella tippiana* Conrad
 - 4 *Paladmete cancellaria* (Conrad)
 - 1 Neogastropods indeterminate
 - 1 *Acteon* sp.
 - present *Hamulus onyx* Morton
 - present Crab parts

LOCATION NO. 293 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 345 ft.
15. fauna:
 - 4 *Nucula amica* Gardner
 - 3 *Nuculana whitfieldi* (Gardner)
 - 2 *Striarca saffordi* (Gardner) non Gabb
 - 23 *Inoceramus* (*Inoceramus*) sp.
 - 23 *Syncylonema simplicus* (Conrad)
 - 13 *Anomia* (*Anomia*) *argentaria* Morton
 - 2 *Cubitostrea tecticosta* (Gabb)
 - 7 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 4 *Nymhalucina* ? *linearea* (Stephenson)
 - 1 *Cymbophora berryi* (Gardner)
 - 5 *Cyclorisma parva* (Gardner)
 - 4 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 1 *Cuspidaria* (*Cuspidaria*) sp.
 - 18 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 5 *Turritella tippana* Conrad
 - 2 *Turritella chalybeatensis* Sohl
 - 11 *Paladmete cancellaria* (Conrad)
 - present Ammonite fragments
 - 1 *Dentalium leve* Stephenson
 - present Bryozoa (branching)
 - present *Hamulus onyx* Morton
 - present *Serpula* sp.
 - present Otolith

LOCATION NO. 294 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
8. CLAYEY
9. MICACEOUS
10. VERY FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 343 ft.
15. fauna:
 - 6 *Nuculana whitfieldi* (Gardner)
 - 1 *Striarca saffordi* (Gardner) non Gabb
 - 3 *Crenella serica* Conrad
 - 35 *Syncylonema simplicus* (Conrad)
 - 1 *Anomia* (*Anomia*) *argentaria* Morton
 - 4 *Cubitostrea tecticosta* (Gabb)
 - 2 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 1 *Nymphalucina* ? *linearea* (Stephenson)
 - 1 *Uddenia texana* Stephenson
 - 2 *Cyclorisma parva* (Gardner)
 - 7 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 4 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 2 *Turritella tippiana* Conrad
 - 9 *Turritella chalybeatensis* Sohl
 - 2 *Paladmete cancellaria* (Conrad)
 - 1 *Creonella triplicata* Wade
 - present Ammonite fragments
 - 1 *Cadulus obnatus* (Conrad)
 - 1 *Dentalium leve* Stephenson
 - present *Hamulus onyx* Morton

LOCATION NO. 295 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
8. VERY FINELY SANDY
9. MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 342 ft.
15. fauna:
 - 1 *Nucula amica* Gardner
 - 1 *Nuculana whitfieldi* (Gardner)
 - 3 *Striarca saffordi* (Gardner) non Gabb
 - 2 *Limopsis perbrevis* Wade
 - 6 *Crenella serica* Conrad
 - 1 *Crenella elegantula* Meek & Hayden
 - 59 *Syncylonema simplicus* (Conrad)
 - 7 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Anomia* (*Anomia*) *ornata* Gabb
 - 1 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 6 *Cubitostrea tecticosta* (Gabb)
 - 1 *Pterotriconia* (*Scabrotriconia*) *eufaulensis* (Gabb)
 - 4 *Nymhalucina* ? *linearea* (Stephenson)
 - 2 *Uddenia texana* Stephenson
 - 1 *Trachycardium eupaulensis* (Conrad)
 - 6 *Cyclorisma parva* (Gardner)
 - 1 *Legumen* sp.
 - 1 *Corbula monmouthensis* Gardner
 - 65 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 2 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 8 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 1 *Turritella paravertebroides* Gardner
 - 5 *Turritella chalybeatensis* Sohl
 - 1 *Euspira rectilabrum* (Conrad)
 - 1 *Sargana stantoni* (Weller)
 - 1 *Acteon* sp.
 - 3 *Creonella triplicata* Wade
 - 1 *Cadulus obnutus* (Conrad)
 - 3 *Dentalium leve* Stephenson
 - present Bryozoa (branching)
 - present *Hamulus onyx* Morton

LOCATION NO. 296 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
8. CLAYEY
9. FINELY MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 340 ft.
15. fauna:
 - 9 *Nucula amica* Gardner
 - 7 *Nuculana whitfieldi* (Gardner)
 - 2 *Nemodon enfaulensis* (Gabb)
 - 33 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Limopsis perbrevis* Wade
 - 5 *Limopsis meeki* Wade
 - 12 *Crenella serica* Conrad
 - 1 *Crenella elegantula* Meek & Hayden
 - 2 *Modiolus sedesclaris* Gardner
 - 1 *Modiolus* sp.
 - 3 *Pteria rhombica* Gardner
 - 56 *Syncylonema simplicus* (Conrad)
 - 10 *Anomia* (*Anomia*) *argentaria* Morton
 - 3 *Cubitostrea tecticosta* (Gabb)
 - 1 *Ostrea* sp.
 - 2 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 8 *Nymhalucina* ? *linearea* (Stephenson)
 - 4 *Uddenia texana* Stephenson
 - 1 *Trachycardium eupaulensis* (Conrad)
 - 2 *Cymbophora berryi* (Gardner)
 - 1 *Linearia weiseri* Stephenson
 - 4 *Cyclorisma parva* (Gardner)
 - 42 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 1 *Liopistha protexta* Conrad
 - 1 *Laxispira monilifera* Sohl
 - 1 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 3 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 10 *Turritella chalybeatensis* Sohl
 - 1 *Paladmete cancellaria* (Conrad)
 - 1 *Ringicula* (*Ringiculella*) *clarki* Gardner
 - 1 *Ringicula* cf. *R. pulchella* Shumard
 - 1 *Cylichna* sp.
 - 1 *Scobinodola guttatus* Sohl
 - present Bryozoa (encrusting)
 - present *Hamulus squamosus* Gabb
 - present *Hamulus onyx* Morton
 - present Otolith

LOCATION NO. 297 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. CLAY
5. GRAY
8. SILTY-FINELY SANDY
9. FINELY MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 337 ft.
15. fauna:
 - 7 *Nucula amica* Gardner
 - 1 *Nuculana whitfieldi* (Gardner)
 - 1 *Perissonata gabbi* (Gardner)
 - 7 *Striarca saffordi* (Gardner) non Gabb
 - 6 *Limopsis perbrevis* Wade
 - 10 *Crenella serica* Conrad
 - 2 *Modiolus sedesclaris* Gardner
 - 4 *Pteria rhombica* Gardner
 - 1 *Pteria* sp.
 - 35 *Syncylonema simplicus* (Conrad)
 - 7 *Anomia* (*Anomia*) *argentaria* Morton
 - 2 *Ostrea* sp.
 - 2 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 2 *Phacoides* ? *mattiformis* (Stephenson)
 - 2 *Uddenia texana* Stephenson
 - 1 *Cyclorisma parva* (Gardner)
 - 23 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 7 *Laxispira monilifera* Sohl
 - 1 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 21 *Turritella chalybeatensis* Sohl
 - 3 *Acteon cicatricosus* Sohl
 - 1 *Cylichna* sp.
 - present Bryozoa (encrusting)
 - present *Hamulus squamosus* Gabb
 - present *Hamulus onyx* Morton
 - present Crab parts

LOCATION NO. 298 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
6. WITH & WITHOUT SHELL HASH
7. CARBONACEOUS
8. SILTY-CLAYEY
9. MICACEOUS
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 335 ft.
15. fauna:
 - 2 *Nucula amica* Gardner
 - 5 *Striarca saffordi* (Gardner) non Gabb
 - 3 *Crenella serica* Conrad
 - 4 *Modiolus sedesclaris* Gardner
 - 41 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) sp.
 - 5 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Nymphalucina* ? *linearea* (Stephenson)
 - 1 *Bathytormus pteropsis* (Conrad)
 - 1 *Tenea parilis* Conrad
 - 4 *Cyclorisma parva* (Gardner)
 - 26 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 2 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 16 *Turritella chalybeatensis* Sohl
 - present *Acteon* sp.
 - 1 *Cadulus obnatus* (Conrad)
 - present *Hamulus onyx* Morton
 - present Otolith

LOCATION NO. 299 JOSIE WELL, PIKE CO., AL

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. DARK GRAY
8. VERY CLAYEY
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 52 min. 8 sec. NORTH
13. 85 deg. 43 min. 4 sec. WEST
14. 333 ft.
15. fauna:
 - 2 *Nucula percrassa* Conrad
 - 2 *Nucula amica* Gardner
 - 1 *Nuculana whitfieldi* (Gardner)
 - 4 *Striarca saffordi* (Gardner)non Gabb
 - 2 *Limopsis perbrevis* Wade
 - 1 *Modiolus sedesclaris* Gardner
 - 33 *Syncylonema simplicus* (Conrad)
 - 5 *Anomia (Anomia) argentaria* Morton
 - 1 *Nymphalucina ? linearea* (Stephenson)
 - 1 *Lucina* sp.
 - 2 *Uddenia texana* Stephenson
 - 1 *Aenona eufaulensis* (Conrad)
 - 3 *Cyclorisma parva* (Gardner)
 - 20 *Caesticorbula (Caesticorbula) crassaplica* (Gabb)
 - 3 *Caesticorbula (Parmicorbula) percompressa* Gardner
 - 8 *Turritella (Sohlitella) trilira* (Conrad)
 - 7 *Turritella chalybeatensis* Sohl
 - 1 *Bellifusus ? sp.*
 - 1 *Paladmete cancellaria* (Conrad)
 - present Ammonite fragments
 - present Otolith

LOCATION NO. 301 HATCHER WELL 1, QUITMAN CO., GA

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. DARK GRAY
7. CARBONACEOUS ARGILLACEOUS
8. CLAYEY
9. VERY MICACEOUS
10. FINE
11. MOLDS ONLY
12. 31 deg. 48 min. 57 sec. NORTH
13. 85 deg. 0 min. 47 sec. WEST
14. 235 ft.
15. fauna:
 - 1 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Modiolus sedesclaris* Gardner
 - 7 *Syncylonema simplicus* (Conrad)
 - 2 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 1 *Camptonectes* (*Camptonectes*) sp.
 - 1 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 1 *Nymhalucina* ? *linearea* (Stephenson)
 - 3 *Bathytormus pteropsis* (Conrad)
 - 4 *Trachycardium eufaulensis* (Conrad)
 - 3 *Cymbophora berryi* (Gardner)
 - 1 *Corbula monmouthensis* Gardner
 - 2 *Corbula* sp.
 - 1 *Drilluta* ? sp.
 - 1 *Paladmete cancellaria* (Conrad)

LOCATION NO. 302 HATCHER WELL 1, QUITMAN CO., GA

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. GRAY
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 31 deg. 48 min. 57 sec. NORTH
13. 85 deg. 0 min. 47 sec. WEST
14. 231 ft.
15. fauna:
 - 1 *Nemodon enfaulensis* (Gabb)
 - 1 *Crenella serica* Conrad
 - 1 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 3 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Ostrea* sp.
 - 1 *Nymhalucina* ? *linearea* (Stephenson)
 - 1 *Myrtea stephensoni* Gardner
 - 1 *Bathytormus pteropsis* (Conrad)
 - 1 *Uddenia texana* Stephenson
 - 2 *Trachycardium* sp.
 - 4 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora wordeni* (Gardner)
 - 1 *Tellina* sp.
 - 1 *Cyclorisma parva* (Gardner)
 - 1 *Corbula monmouthensis* Gardner
 - 2 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 1 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 3 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 1 *Turritella hilgardi* Sohl
 - 1 *Euspira rectilabrum* (Conrad)
 - 1 *Paladmete laevis* Sohl
 - 2 Neogastropods indeterminate
 - 1 *Dentalium leve* Stephenson
 - present *Micrabacia* spp.
 - present Bryozoa (encrusting)

LOCATION NO. 303 HATCHER WELL 1, QUITMAN CO., GA

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GRAY
10. COARSE
12. 31 deg. 48 min. 57 sec. NORTH
13. 85 deg. 0 min. 47 sec. WEST
14. 224 ft.
15. fauna:
 - 3 *Glycymeris rotundata* (Gabb)
 - 1 *Crenella serica* Conrad
 - 2 *Botula conchafodentis* (Gardner)
 - 2 *Syncylonema simplicus* (Conrad)
 - 9 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 1 *Anomia* (*Anomia*) *argentaria* Morton
 - 4 *Cubitostrea tecticosta* (Gabb)
 - 4 *Pterotrigonina* (*Scabrotrigonina*) *angulicostata* (Gabb)
 - 4 *Pterotrigonina* (*Scabrotrigonina*) *eufaulensis* (Gabb)
 - 1 *Bathytormus pteropsis* (Conrad)
 - 1 *Uddenia texana* Stephenson
 - 2 *Granocardium* (*Granocardium*) *kummeli* Weller
 - 5 *Trachycardium eupaulensis* (Conrad)
 - 2 *Tellina* ? sp.
 - 2 *Liothyris* sp.
 - 1 *Cyclorisma parva* (Gardner)
 - 2 *Corbula monmouthensis* Gardner
 - 1 *Nerita* n. sp.
 - 2 *Turritella* sp.
 - 1 *Euspira rectilabrum* (Conrad)
 - 1 *Eoacteon linteus* (Conrad)
 - 1 *Ringicula* sp. ? (= *Avellana lintoni* Gardner)
 - present *Hardouinea* sp.
 - present *Serpula* sp.

LOCATION NO. 304 HATCHER WELL 1, QUITMAN CO., GA

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. LIGHT GRAY
10. COARSE
11. CALCITE AND MOLDS
12. 31 deg. 48 min. 57 sec. NORTH
13. 85 deg. 0 min. 47 sec. WEST
14. 221 ft.
15. fauna:
 - 2 *Nucula percrassa* Conrad
 - 4 *Striarca cuneata* Gabb
 - 3 *Glycymeris rotundata* (Gabb)
 - 2 *Syncylonema simplicus* (Conrad)
 - 10 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 1 *Lima* (*Lima*) *acutilineata* Conrad
 - 3 *Cubitostrea tecticosta* (Gabb)
 - 3 *Pterotrigonina* (*Scabrotrigonina*) *angulicostata* (Gabb)
 - 4 *Pterotrigonina* (*Scabrotrigonina*) *eufaulensis* (Gabb)
 - 2 *Crassatella vadosa vadosa* Morton
 - 2 *Bathytormus pteropsis* (Conrad)
 - 1 *Uddenia texana* Stephenson
 - 2 *Uddenia* sp.
 - 1 *Granocardium* (*Granocardium*) *tippatum* Conrad
 - 11 *Granocardium* (*Granocardium*) *kummeli* Weller
 - 12 *Trachycardium eupaulensis* (Conrad)
 - 1 *Linearia pectinis* Stephenson
 - 2 *Liothyris* sp.
 - 1 *Cyclorisma parva* (Gardner)
 - 1 *Corbula* sp.
 - 1 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 - 1 *Opertochasma* sp.
 - 3 *Laxispira monilifera* Sohl
 - 4 *Turritella hilgardi* Sohl
 - 1 *Xenophora* sp.
 - 1 *Arrhoges* (*Latiala*) cf. *A. lobata* (Wade)
 - 1 *Arrhoges* (*Latiala*) sp.
 - 2 *Euspira rectilabrum* (Conrad)
 - 2 *Paladmete laevis* Sohl
 - present Neogastropods indeterminate
 - 1 *Dentalium leve* Stephenson
 - present Bryozoa (encrusting)
 - present *Hardouinea* sp.
 - present *Hamulus?* *huntensis* Stephenson

LOCATION NO. 305 HATCHER WELL 1, QUITMAN CO., GA

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. GRAY
9. SPARINGLY MICACEOUS
10. COARSE
11. CALCITE AND MOLDS
12. 31 deg. 48 min. 57 sec. NORTH
13. 85 deg. 0 min. 47 sec. WEST
14. 218 ft.
15. fauna:
 - 15 Glycymeris rotundata (Gabb)
 - 2 Lycettia tippanus (Conrad)
 - 7 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 1 Anomia (Anomia) argentaria Morton
 - 2 Cubitostrea tecticosta (Gabb)
 - 1 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 1 Astarte ? culebrensis (Stephenson)
 - 4 Crassatella vadosa vadosa Morton
 - 3 Uddenia texana Stephenson
 - 2 Granocardium (Granocardium) kummeli Weller
 - 1 Cymbophora n. sp. (fine concentrics)
 - 1 Liothyris sp.
 - 1 Ataphrus n. sp.
 - 1 Turritella sp.
 - present Bryozoa (encrusting)
 - present Hardouinea sp.

LOCATION NO. 306 HATCHER WELL 1, QUITMAN CO., GA

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. LIGHT GRAY
9. SPARINGLY MICACEOUS
10. COARSE
11. CALCITE AND MOLDS
12. 31 deg. 48 min. 57 sec. NORTH
13. 85 deg. 0 min. 47 sec. WEST
14. 215 ft.

15. fauna:
 - 1 Glycymeris sp.
 - 5 Anomia (Anomia) argentaria Morton
 - 1 Granocardium (Granocardium) sp.
 - 2 Trachycardium sp.
 - 1 Veniella conradi (Morton)
 - present Bryozoa (encrusting)
 - present Hardouinea sp.
 - present Hamulus onyx Morton
 - present Serpula sp.
 - present Crab parts

LOCATION NO. 307 HATCHER WELL 1, QUITMAN CO., GA

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SANDSTONE
5. WHITE GRAY
9. MICACEOUS
10. MEDIUM
11. CALCITIC SHELLS ONLY
12. 31 deg. 48 min. 57 sec. NORTH
13. 85 deg. 0 min. 47 sec. WEST
14. 209 ft.

15. fauna:
 - 39 Syncylonema simplicus (Conrad)
 - 12 Anomia (Anomia) argentaria Morton
 - 8 Cubitostrea tecticosta (Gabb)
 - present Hardouinea sp.
 - present Serpula sp.

LOCATION NO. 308 HATCHER WELL 1, QUITMAN CO., GA

1. PROVIDENCE FM
3. SUBSURFACE DATA 1981-83
4. SAND
5. LIGHT GRAY
9. MICACEOUS
10. COARSE
11. CALCITE AND MOLDS
12. 31 deg. 48 min. 57 sec. NORTH
13. 85 deg. 0 min. 47 sec. WEST
14. 203 ft.
15. fauna:
 - 1 *Striarca cuneata* Gabb
 - 5 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 1 *Anomia* (*Anomia*) *argentaria* Morton
 - 2 *Cubitostrea tecticosta* (Gabb)
 - 5 *Pterotrigonia* (*Scabrotrigonia*) *angulicostata* (Gabb)
 - 2 *Pterotrigonia* (*Scabrotrigonia*) *eufaulensis* (Gabb)
 - 2 *Bathytormus pteropsis* (Conrad)
 - 6 *Granocardium* (*Granocardium*) *tippanum* Conrad
 - 1 *Granocardium* (*Granocardium*) *kummeli* Weller
 - 5 *Liothyris* sp.
 - 2 *Aphrodina* (*Aphrodina*) sp.
 - present *Hardouinea* sp.
 - present *Hamulus onyx* Morton
 - present Bone material
 - present Plant fragments

LOCATION NO. 351 ELIM, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. CLAY
5. GRAY
8. SILTY
9. FINELY MICACEOUS
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 34 deg. 2 min. 30 sec. NORTH
13. 79 deg. 48 min. 1 sec. WEST
14. 70 ft.
15. fauna:
 - 7 *Nucula percrassa* Conrad
 - 7 *Nuculana whitfieldi* (Gardner)
 - 1 *Nemodon eufaulensis* (Gabb)
 - 9 *Striarca saffordi* (Gardner) non Gabb
 - 9 *Syncylonema simplicus* (Conrad)
 - 6 *Anomia* (*Anomia*) *argentaria* Morton
 - 2 *Exogyra costata* Say
 - 5 *Cubitostrea tecticosta* (Gabb)
 - 14 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 4 *Nymphalucina* ? *linearea* (Stephenson)
 - 5 *Crassatella vadosa vadosa* Morton
 - 3 *Trachycardium eufaulensis* (Conrad)
 - 3 *Cymbophora appressa* (Gabb)
 - 3 *Aenona eufaulensis* (Conrad)
 - 1 *Veniella conradi* (Morton)
 - 5 *Cyprimeria depressa* Conrad
 - 9 *Corbula monmouthensis* Gardner
 - 7 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Pseudomalaxis* ? sp.
 - 1 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 1 *Turritella vertebroides* Morton
 - 2 *Turritella* sp.
 - 1 *Bellifusus* ? sp.
 - 3 *Sphenodiscus* sp.
 - 2 *Hamulus onyx* Morton

LOCATION NO. 352 LYNCHES MILL, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. CLAY
5. GRAY
6. SHELL HASH
8. FINELY SANDY
9. MICACEOUS
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 34 deg. 1 min. 45 sec. NORTH
13. 79 deg. 49 min. 0 sec. WEST
14. 75 ft.
15. fauna:
 - 3 *Nuculana whitfieldi* (Gardner)
 - 1 *Nemodon eufaulensis* (Gabb)
 - 10 *Striarca saffordi* (Gardner) non Gabb
 - 32 *Syncylonema simplicus* (Conrad)
 - 3 *Anomia* (*Anomia*) *argentaria* Morton
 - 2 *Exogyra costata* Say
 - present *Cubitostrea tecticosta* (Gabb)
 - 2 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 1 *Nymhalucina* ? *linearea* (Stephenson)
 - 5 *Crassatella vadosa vadosa* Morton
 - 1 *Granocardium* (*Granocardium*) sp.
 - 10 *Trachycardium eufaulensis* (Conrad)
 - 2 *Cymbophora appressa* (Gabb)
 - 3 *Aenona eufaulensis* (Conrad)
 - 2 *Veniella conradi* (Morton)
 - 2 *Cyclorisma parva* (Gardner)
 - 54 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 7 *Caesticorbula* (*Parmicorbula*) *terramaria* (Gardner)
 - 7 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 4 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 2 *Turritella vertebroides* Morton
 - 1 *Euspira rectilabrum* (Conrad)
 - 1 *Paladmete cancellaria* (Conrad)
 - present *Neogastropods* indeterminate
 - 1 *Hamulus onyx* Morton

LOCATION NO. 353 DEWITT'S BLUFF, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. CLAY
5. GRAY
8. SILTY
9. FINELY MICACEOUS
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 33 deg. 59 min. 36 sec. NORTH
13. 79 deg. 31 min. 3 sec. WEST
14. 40 ft.

15. fauna:

- 17 Nuculana whitfieldi (Gardner)
- 1 Solemya sp.
- 3 Nemodon enfaulensis (Gabb)
- 23 Striarca saffordi (Gardner)non Gabb
- 1 Limopsis sp.
- 1 Pteria sp.
- 1 Camptonectes (Camptonectes) sp.
- 5 Anomia (Anomia) argentaria Morton
- 1 Pycnodonte sp.
- 37 Cubitostrea tecticosta (Gabb)
- present Ostrea sp.
- 1 Pterotrighonia (Scabrotrighonia) eufaulensis (Gabb)
- 24 Nymhalucina ? linearea (Stephenson)
- 6 Trachycardium eufaulensis (Conrad)
- 18 Cymbophora berryi (Gardner)
- 5 Cymbophora appressa (Gabb)
- 2 Tellinimera buboana Stephenson
- 11 Tellinimera gabbi Gardner
- 4 Liothyris ? n. sp.
- 5 Etea sp.
- 1 Cyclorisma parva (Gardner)
- 10 Corbula monmouthensis Gardner
- 22 Caesticorbula (Caesticorbula) crassaplica (Gabb)
- 1 Periplomya ? sp.
- 1 Cuspidaria (Cuspidaria) ampulla Gardner
- 1 Pseudomalaxis ? sp.
- 1 Margaritella cf. M. pumila Stephenson
- 6 Turritella (Sohlitella) trilira (Conrad)
- 6 Turritella (Sohlitella) bilira (Stephenson)
- 1 Gyrodes supraplicatus (Conrad)
- 1 Euspira rectilabrum (Conrad)
- 1 Amaurellina stephensoni (Wade)
- 1 Tuba sp.
- 1 Morea cancellaria Conrad
- 1 Stantonella sp.
- 1 Deussenia bellalirata (Conrad)
- 2 Paladmete cancellaria (Conrad)
- 1 Nonacteonina sp.
- 7 Baculites columna Morton

LOCATION NO. 353 DEWITT'S BLUFF, FLORENCE CO., SC
5 Sphenodiscus sp.
4 Dentalium navarroii Stephenson
5 Dentalium leve Stephenson
9 Micrabacia spp.
present Fish parts
present Shark parts

LOCATION NO. 354 DAVIS LANDING-2, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. SAND
5. GRAY
8. SILTY
9. MICACEOUS
10. MEDIUM
11. CALCITIC SHELLS ONLY
12. 33 deg. 54 min. 32 sec. NORTH
13. 79 deg. 26 min. 53 sec. WEST
14. 35 ft.
15. fauna:
 - 3 *Crenella serica* Conrad
 - 5 *Syncylonema simplicus* (Conrad)
 - 6 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 100 *Anomia* (*Anomia*) *argentaria* Morton
 - 8 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 50 *Lima* (*Lima*) *pelagica* (Morton)
 - 2 *Exogyra costata* Say
 - present Bryozoa (encrusting)
 - present Bryozoa (branching)
 - present Echinoid sp.
 - present *Hamulus squamosus* Gabb
 - present *Hamulus onyx* Morton

LOCATION NO. 356 DAVIS LANDING-1, FORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. CLAY
5. DARK GRAY
7. SPARINGLY GLAUCONITIC
8. FINELY SANDY
9. MICACEOUS
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 33 deg. 54 min. 32 sec. NORTH
13. 79 deg. 26 min. 53 sec. WEST
14. 35 ft.
15. fauna:
 - 1 *Nucula cunifrons* Conrad
 - 1 *Nuculana whitfieldi* (Gardner)
 - 2 *Inoceramus* (*Inoceramus*) sp.
 - 3 *Syncylonema simplicus* (Conrad)
 - 2 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 8 *Anomia* (*Anomia*) *argentaria* Morton
 - 6 *Exogyra costata* Say
 - 57 *Cubitostrea tecticosta* (Gabb)
 - 2 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 1 *Crassatella* sp.
 - 3 *Trachycardium* sp.
 - 3 *Cymbophora berryi* (Gardner)
 - 1 *Leptosolen biplicata* (Conrad)
 - 2 *Aenona eupaulensis* (Conrad)
 - 2 *Homomya?* *thrusheri* Stephenson
 - 2 *Liopistha* n. sp. (narrow)
 - 6 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 1 *Gyrodos spillmani* Gabb
 - 1 *Paladmete cancellaria* (Conrad)
 - 2 *Baculites* sp.
 - 8 *Sphenodiscus* sp.

present Crab parts
present Shark parts

LOCATION NO. 357 DEAD RIVER LANDING-2, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. SAND
5. BUFF GRAY
6. POORLY SORTED
8. CLAYEY
10. MEDIUM
11. CALCITE AND MOLDS
12. 33 deg. 53 min. 54 sec. NORTH
13. 79 deg. 25 min. 39 sec. WEST
14. 19 ft.
15. fauna:
 - 4 *Nuculana whitfieldi* (Gardner)
 - 3 *Nemodon enfaulensis* (Gabb)
 - 1 *Glycymeris* sp.
 - 12 *Crenella serica* Conrad
 - 25 *Syncylonema simplicus* (Conrad)
 - 20 *Anomia* (*Anomia*) *argentaria* Morton
 - 32 *Lima* (*Lima*) *pelagica* (Morton)
 - 1 *Cubitostrea tecticosta* (Gabb)
 - 4 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 2 *Nymphalucina* ? *linearea* (Stephenson)
 - 2 *Unicardium concentricum* (Conrad)
 - 2 *Uddenia* sp.
 - 2 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 2 *Linearia metastriata* Conrad
 - 3 *Veniella conradi* (Morton)
 - 27 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Calliomphalus* (*Calliomphalus*) *americanus* Wade
 - 1 *Ataphrus* n. sp.
 - 5 *Laxispira monilifera* Sohl
 - 1 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 3 *Euspira rectilabrum* (Conrad)
 - 1 Neogastropods indeterminate
 - 2 *Cylichna* sp.
 - 1 *Eulima* sp.
 - present *Micrabacia* spp.
 - present Bryozoa (encrusting)
 - present *Hamulus squamosus* Gabb
 - present *Hamulus onyx* Morton
 - present *Serpula* sp.

LOCATION NO. 358 ALLISON'S LANDING-4, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. CLAY
5. GRAY
8. SILTY-FINELY SANDY
9. MICACEOUS
11. CALCITIC SHELLS ONLY
12. 33 deg. 53 min. 15 sec. NORTH
13. 79 deg. 24 min. 30 sec. WEST
14. 22 ft.
15. fauna:
 - 4 *Crenella serica* Conrad
 - 23 *Syncylonema simplicus* (Conrad)
 - 2 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 39 *Anomia* (*Anomia*) *argentaria* Morton
 - 9 *Lima* (*Lima*) *pelagica* (Morton)
 - 10 *Cubitostrea tecticosta* (Gabb)
 - present *Hamulus squamosus* Gabb
 - present *Hamulus onyx* Morton
 - present Shark parts

LOCATION NO. 359 ALLISON'S LANDING-5, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
7. ARGILLACEOUS GLAUCONITIC
9. SPARINGLY MICACEOUS
10. FINE
11. CALCITE, MOLDS, AND PHOSPHATIC MOLDS
12. 33 deg. 53 min. 15 sec. NORTH
13. 79 deg. 24 min. 30 sec. WEST
14. 22 ft.
15. fauna:
 - 1 Crenella serica Conrad
 - 8 Lithophaga sp.
 - 4 Syncylonema simplicus (Conrad)
 - 3 Anomia (Anomia) argentaria Morton
 - 2 Lima (Lima) pelagica (Morton)
 - 13 Exogyra costata Say
 - 1 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 2 Crassatella vadosa vadosa Morton
 - 1 Trachycardium eufaulensis (Conrad)
 - 1 Cymbophora sp.
 - 2 Caesticorbula (Caesticorbula) crassaplica (Gabb)
 - 2 Calliomphalus (Calliomphalus) nudus Sohl
 - 5 Laxispira monilifera Sohl
 - 1 Graciliata sp.
 - present Micrabacia spp.
 - present Hamulus onyx Morton
 - present Crab parts

LOCATION NO. 361 DEAD RIVER-1, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. CLAYSTONE
5. BROWN TO LT. GRAY
7. CALCAREOUS
8. SANDY
10. MEDIUM
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 33 deg. 53 min. 54 sec. NORTH
13. 79 deg. 25 min. 39 sec. WEST
14. 20 ft.
15. fauna:
 - 19 *Nuculana whitfieldi* (Gardner)
 - 6 *Nemodon enfaulensis* (Gabb)
 - 1 *Cucullaea (Idonearca) capax* Conrad
 - 1 *Glycymeris* sp.
 - 2 *Lycettia tippanus* (Conrad)
 - 25 *Crenella serica* Conrad
 - 1 *Pteria* sp.
 - 15 *Syncylonema simplicus* (Conrad)
 - 6 *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - 19 *Anomia (Anomia) argentaria* Morton
 - 2 *Lima (Lima) reticulata* Lyell & Forbes
 - 4 *Lima (Lima) pelagica* (Morton)
 - 2 *Pycnodonte* sp.
 - 1 *Exogyra costata* Say
 - 5 *Cubitostrea tecticosta* (Gabb)
 - 23 *Pterotrignia (Scabrotrignia) eufaulensis* (Gabb)
 - 1 *Nymhalucina ? linearea* (Stephenson)
 - 3 *Myrtea stephensoni* Gardner
 - 11 *Unicardium concentricum* (Conrad)
 - 9 *Vetericardiella crenalirata* (Conrad)
 - 59 *Crassatella vadosa vadosa* Morton
 - 7 *Uddenia texana* Stephenson
 - 3 *Granocardium (Granocardium) lowei* Stephenson
 - 7 *Granocardium (Granocardium) kummeli* Weller
 - 13 *Trachycardium eufaulensis* (Conrad)
 - 1 *Cymbophora berryi* (Gardner)
 - 2 *Linearia metastriata* Conrad
 - 1 *Etea* sp.
 - 12 *Veniella conradi* (Morton)
 - 5 *Cyclorisma parva* (Gardner)
 - 4 *Cyprimeria alta* Conrad
 - 6 *Corbula monmouthensis* Gardner
 - 54 *Caesticorbula (Caesticorbula) crassaplica* (Gabb)
 - 5 *Ataphrus n. sp.*
 - 16 *Laxispira monilifera* Sohl
 - 1 *Turritella (Sohlitella) trilira* (Conrad)
 - 1 *Turritella (Sohlitella) bilira* (Stephenson)
 - 1 *Turritella penderensis* Stephenson
 - 5 *Arrhoges (Latiala) cf. A. lobata* (Wade)

LOCATION NO. 361 DEAD RIVER-1, FLORENCE CO., SC
5 Euspira rectilabrum (Conrad)
1 Sargana stantoni (Weller)
1 Neogastropods indeterminate
1 Ringicula (Ringiculella) clarki Gardner
1 Cylichna sp.
present Micrabacia spp.
present Echinoid sp.
present Hamulus onyx Morton
present Serpula sp.
present Shark parts

LOCATION NO. 362 ALLISON'S LANDING-2, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. LIGHT GRAY
8. SILTY
10. MEDIUM
11. CALCITE AND MOLDS
12. 33 deg. 53 min. 15 sec. NORTH
13. 79 deg. 24 min. 30 sec. WEST
14. 18 ft.
15. fauna:
 - 10 *Nuculana whitfieldi* (Gardner)
 - 1 *Arca* sp.
 - 6 *Nemodon enfaulensis* (Gabb)
 - 12 *Glycymeris rotundata* (Gabb)
 - 4 *Postligata wordeni* Gardner
 - 1 *Lycettia tippanus* (Conrad)
 - 13 *Crenella serica* Conrad
 - 1 *Modiolus sedesclaris* Gardner
 - 1 *Pteria* sp.
 - 40 *Syncylonema simplicus* (Conrad)
 - 8 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 33 *Anomia* (*Anomia*) *argentaria* Morton
 - 22 *Lima* (*Lima*) *pelagica* (Morton)
 - 1 *Exogyra costata* Say
 - 40 *Cubitostrea tecticosta* (Gabb)
 - 14 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 3 *Nymhalucina* ? *linearea* (Stephenson)
 - 3 *Myrtea stephensoni* Gardner
 - 5 *Unicardium concentricum* (Conrad)
 - 1 *Vetericardiella crenalirata* (Conrad)
 - 4 *Crassatella vadosa vadosa* Morton
 - 1 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 3 *Trachycardium eupaulensis* (Conrad)
 - 1 *Linearia metastriata* Conrad
 - 1 *Linearia magnoliensis* Stephenson
 - 5 *Veniella conradi* (Morton)
 - 12 *Cyclorisma parva* (Gardner)
 - 3 *Cyprimeria alta* Conrad
 - 3 *Corbula monmouthensis* Gardner
 - 60 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 14 *Calliomphalus* (*Calliomphalus*) *nudus* Sohl
 - 2 *Ataphrus* n. sp.
 - 1 *Pseudomalaxis pilsbryi* Harbison
 - 19 *Laxispira monilifera* Sohl
 - 2 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 1 *Turritella vertebroides* Morton
 - 3 *Turritella pointensis* Stephenson
 - 2 *Euspira rectilabrum* (Conrad)
 - 1 *Mathilda* sp.

LOCATION NO. 362 ALLISON'S LANDING-2, FLORENCE CO., SC

1	Sargana sp.
1	Paladmete cancellaria (Conrad)
1	Ringicula (Ringiculella) clarki Gardner
2	Cylichna sp.
1	Baculites columna Morton
1	Sphenodiscus sp.
present	Micrabacia spp.
present	Bryozoa (encrusting)
present	Hamulus onyx Morton
present	Crab parts

LOCATION NO. 363 ALLISON'S LANDING-3, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. BUFF
7. CALCAREOUS ARGILLACEOUS
10. MEDIUM
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 33 deg. 53 min. 15 sec. NORTH
13. 79 deg. 24 min. 30 sec. WEST
14. 21 ft.
15. fauna:
 - 1 Arca sp.
 - 10 Glycymeris rotundata (Gabb)
 - 2 Lycettia tippanus (Conrad)
 - 8 Crenella serica Conrad
 - 9 Syncylonema simplicus (Conrad)
 - 25 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 43 Anomia (Anomia) argentaria Morton
 - 15 Lima (Lima) reticulata Lyell & Forbes
 - 4 Exogyra costata Say
 - 2 Cubitostrea tecticosta (Gabb)
 - 4 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 1 Vetericardiella ? sp.
 - 59 Crassatella carolinana (Stephenson)
 - 2 Granocardium (G.) cf. G. trilineatum Weller
 - 14 Granocardium (Granocardium) kummeli Weller
 - 1 Cymbophora appressa (Gabb)
 - 2 Solyma aff. S. elliptica (Conrad)
 - 1 Linearia metastriata Conrad
 - 7 Veniella conradi (Morton)
 - 1 Aphrodina (Aphrodina) tippana (Conrad)
 - 16 Cyprimeria alta Conrad
 - 3 Caesticorbula (Caesticorbula) crassaplica (Gabb)
 - 2 Calliomphalus sp.
 - 1 Ataphrus n. sp.
 - 5 Laxispira monilifera Sohl
 - 2 Turritella (Sohlitella) trilira (Conrad)
 - 1 Turritella vertebroides Morton
 - 2 Turritella sp.
 - 1 Calyptraea sp.
 - 4 Liopeplum nodosum Sohl
 - 5 Neogastropods indeterminate
 - 2 Ellipsoscapha sp.
 - 1 Sphenodiscus sp.
 - present Micrabacia spp.
 - present Hamulus sp.
 - present Serpula sp.

LOCATION NO. 364 ALLISON'S LANDING-1, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. LIGHT GRAY
9. SPARINGLY MICACEOUS
10. FINE
11. CALCITE, MOLDS, AND SOME CALCITE REPLACEMENT
12. 33 deg. 53 min. 15 sec. NORTH
13. 79 deg. 24 min. 30 sec. WEST
14. 18 ft.
15. fauna:
 - 3 *Nuculana whitfieldi* (Gardner)
 - 1 *Nemodon enfaulensis* (Gabb)
 - 1 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Limopsis* sp.
 - 1 *Glycymeris* sp.
 - 3 *Postligata wordeni* Gardner
 - 4 *Crenella serica* Conrad
 - 1 *Lithophaga* sp.
 - 35 *Syncylonema simplicus* (Conrad)
 - 14 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 27 *Anomia* (*Anomia*) *argentaria* Morton
 - 19 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 12 *Lima* (*Lima*) *pelagica* (Morton)
 - 2 *Exogyra costata* Say
 - 11 *Cubitostrea tecticosta* (Gabb)
 - 1 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 1 *Myrtea stephensoni* Gardner
 - 1 *Unicardium concentricum* (Conrad)
 - 1 *Uddenia texana* Stephenson
 - 2 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 2 *Linearia metastriata* Conrad
 - 1 *Veniella conradi* (Morton)
 - 2 *Cyclorisma parva* (Gardner)
 - 1 *Corbula monmouthensis* Gardner
 - 27 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 2 *Calliomphalus* (*Calliomphalus*) *nudus* Sohl
 - 8 *Laxispira monilifera* Sohl
 - 1 *Acteon* sp.
 - 1 *Dentalium leve* Stephenson
 - present *Micrabacia* spp.
 - present *Hamulus onyx* Morton
 - present Crab parts
 - present Fish parts

LOCATION NO. 365 HONEY LAKE, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. LIGHT GRAY
6. AVERAGE
7. CALCAREOUS
10. MEDIUM
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 33 deg. 50 min. 0 sec. NORTH
13. 79 deg. 15 min. 0 sec. WEST
15. fauna:
 - 14 *Nuculana whitfieldi* (Gardner)
 - 11 *Nemodon enfaulensis* (Gabb)
 - 4 *Cucullaea (Idonearca) littlei* Gabb
 - 1 *Cucullaea (Idonearca) cf I. powersi* Stephenson
 - 1 *Limopsis* sp.
 - 146 *Glycymeris rotundata* (Gabb)
 - 5 *Postligata wordeni* Gardner
 - 5 *Lycettia tippanus* (Conrad)
 - 65 *Crenella serica* Conrad
 - 2 *Crenella elegantula* Meek & Hayden
 - 1 *Botula carolinensis* (Conrad)
 - 1 *Modiolus trigonus* Gardner
 - 2 *Inoceramus (Endocostea) sp.*
 - 1 *Inoceramus (Inoceramus) sp.*
 - 188 *Syncylonema simplicus* (Conrad)
 - 78 *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - 162 *Anomia (Anomia) argentaria* Morton
 - 1 *Anomia (Anomia) ornata* Gabb
 - 41 *Lima (Lima) reticulata* Lyell & Forbes
 - 1 *Lima (Lima) acutilineata* Conrad
 - 15 *Exogyra costata* Say
 - 145 *Cubitostrea tecticosta* (Gabb)
 - 1 *Ostrea* sp.
 - 3 *Pterotrignia (Scabrotrignia) eufaulensis moorei* (St
 - 1 *Pterotrignia (Scabrotrignia) cerulea* Whitfield
 - 1 *Pterotrignia (Scabrotrignia) sp.*
 - 7 *Nymhalucina ? linearea* (Stephenson)
 - 146 *Crassatella vadosa vadosa* Morton
 - 2 *Uddenia* sp.
 - 35 *Granocardium (G.) cf. G. (G.) bowenae* Stephenson
 - 1 *Cymbophora berryi* (Gardner)
 - 2 *Tellina* sp.
 - 15 *Veniella conradi* (Morton)
 - 1 *Glossus* sp.
 - 24 *Cyclorisma parva* (Gardner)
 - 40 *Cyprimeria major* Gardner
 - 3 *Corbula* sp.
 - 46 *Caesticorbula (Caesticorbula) crassaplica* (Gabb)
 - 3 *Liopistha protexta* Conrad

LOCATION NO. 365 HONEY LAKE, FLORENCE CO., SC

9	<i>Calliophthalmus</i> (<i>Calliophthalmus</i>) <i>nudus</i> Sohl
2	<i>Ataphrus</i> n. sp.
20	<i>Laxispira monilifera</i> Sohl
1	<i>Turritella</i> (<i>Sohlitella</i>) <i>trilira</i> (Conrad)
2	<i>Turritella</i> (<i>Sohlitella</i>) <i>bilira</i> (Stephenson)
4	<i>Turritella vertebroides</i> Morton
2	<i>Turritella pointensis</i> Stephenson
2	<i>Helicaulax formosa</i> Stephenson
1	<i>Pterocerella</i> sp.
1	<i>Gyrodus supraplicatus</i> (Conrad)
5	<i>Gyrodus</i> sp.
5	<i>Euspira rectilabrum</i> (Conrad)
2	<i>Deussenia</i> sp.
2	<i>Bellifusus curvicostatus</i> (Wade)
5	<i>Bellifusus</i> sp.
3	<i>Drilluta buboanus</i> Sohl
2	<i>Drilluta</i> sp.
3	<i>Hercorhyncus</i> (<i>Hercorhyncus</i>) sp.
1	<i>Medionapus</i> sp.
1	<i>Liopeplum cretaceum</i> (Conrad)
14	Neogastropods indeterminate
3	<i>Ringicula</i> (<i>Ringiculella</i>) <i>clarki</i> Gardner
present	<i>Clione</i> sp.
15	<i>Micrabacia</i> spp.
present	Bryozoa (encrusting)
present	Bryozoa (branching)
present	Echinoid sp.
2	<i>Hamulus squamosus</i> Gabb
44	<i>Hamulus?</i> <i>huntensis</i> Stephenson
35	<i>Hamulus onyx</i> Morton
1	<i>Serpula</i> sp.
present	Crab parts
present	Fish parts

LOCATION NO. 366 HONEY LAKE, FLORENCE CO., SC

1. PEEDEE
2. LOWER
3. SOHL COLLECTION
4. SANDSTONE
5. LIGHT GRAY
6. AVERAGE
7. CALCAREOUS
10. MEDIUM
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 33 deg. 51 min. 45 sec. NORTH
13. 79 deg. 23 min. 6 sec. WEST
14. 16 ft.
15. fauna:
 - 14 *Nuculana whitfieldi* (Gardner)
 - 11 *Nemodon enfaulensis* (Gabb)
 - 4 *Cucullaea (Idonearca) littlei* Gabb
 - 1 *Cucullaea (Idonearca) cf I. powersi* Stephenson
 - 1 *Limopsis* sp.
 - 146 *Glycymeris rotundata* (Gabb)
 - 6 *Postligata wordeni* Gardner
 - 7 *Lycettia tippanus* (Conrad)
 - 65 *Crenella serica* Conrad
 - 2 *Crenella elegantula* Meek & Hayden
 - 1 *Botula carolinensis* (Conrad)
 - 1 *Modiolus trigonus* Gardner
 - 3 *Inoceramus (Endocostea) sp.*
 - 1 *Inoceramus (Inoceramus) sp.*
 - 188 *Syncylonema simplicus* (Conrad)
 - 78 *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - 162 *Anomia (Anomia) argentaria* Morton
 - 1 *Anomia (Anomia) ornata* Gabb
 - 41 *Lima (Lima) reticulata* Lyell & Forbes
 - 1 *Lima (Lima) acutilineata* Conrad
 - 15 *Exogyra costata* Say
 - 145 *Cubitostrea tecticosta* (Gabb)
 - 1 *Ostrea* sp.
 - 3 *Pterotrignia (Scabrotrignia) eufaulensis* (Gabb)
 - 1 *Pterotrignia (Scabrotrignia) cerulea* Whitfield
 - 1 *Pterotrignia (Scabrotrignia) sp.*
 - 7 *Nymhalucina ? linearea* (Stephenson)
 - 145 *Crassatella vadosa vadosa* Morton
 - 2 *Uddenia* sp.
 - 1 *Granocardium (Granocardium) kummeli* Weller
 - 36 *Granocardium (G.) cf. G. (G.) bowenae* Stephenson
 - 1 *Cymbophora berryi* (Gardner)
 - 1 *Tellinimera buboana* Stephenson
 - 3 *Tellina* sp.
 - 16 *Veniella conradi* (Morton)
 - 2 *Glossus* sp.
 - 27 *Cyclorisma parva* (Gardner)
 - 1 *Cyprimeria alta* Conrad
 - 40 *Cyprimeria major* Gardner

LOCATION NO. 366 HONEY LAKE, FLORENCE CO., SC

3 Corbula sp.

46 Caesticorbula (Caesticorbula) crassaplica (Gabb)

3 Liopistha protexta Conrad

10 Calliomphalus (Calliomphalus) americanus Wade

4 Ataphrus n. sp.

20 Laxispira monilifera Sohl

2 Turritella (Sohlitella) trilira (Conrad)

5 Turritella (Sohlitella) bilira (Stephenson)

2 Turritella tippana Conrad

4 Turritella vertebroides Morton

2 Turritella pointensis Stephenson

1 Graciliala sp.

2 Helicaulax formosa Stephenson

1 Pterocerella sp.

1 Gyrodes supraplicatus (Conrad)

5 Gyrodes sp.

9 Euspira rectilabrum (Conrad)

2 Deussenia sp.

2 Bellifusus crassicosatus Stephenson

5 Bellifusus sp.

3 Drilluta buboanus Sohl

2 Drilluta sp.

1 Ornopsis (Ripleyella) ? sp.

3 Hercorhyncus (Hercorhyncus) sp.

1 Remera sp.

2 Medionapus sp.

1 Liopeplum cretaceum (Conrad)

6 Ringicula (Ringiculella) clarki Gardner

present Clione sp.

present Micrabacia spp.

present Bryozoa (encrusting)

present Bryozoa (branching)

present Echinoid sp.

present Hamulus squamosus Gabb

present Hamulus? huntensis Stephenson

present Hamulus onyx Morton

present Serpula sp.

present Crab parts

present Fish parts

LOCATION NO. 367 SMITH MILL, GEORGETOWN CO., SC

1. PEEDEE
2. UPPER
3. SOHL COLLECTION
4. SAND
5. GRAY
8. SILTY
9. MICACEOUS
10. FINE
11. CALCITIC SHELLS ONLY
12. 33 deg. 46 min. 39 sec. NORTH
13. 79 deg. 19 min. 54 sec. WEST
14. 15 ft.

15. fauna:
 - 1 Syncylonema simplicus (Conrad)
 - 132 Anomia (Anomia) argentaria Morton
 - 1 Anomia (Anomia) ornata Gabb
 - 15 Lima (Lima) pelagica (Morton)
 - 36 Cubitostrea tecticosta (Gabb)
 - present Hamulus onyx Morton
 - present Shark parts

LOCATION NO. 368 SMITH MILL-2, GEORGETOWN CO., SC

1. PEEDEE
2. UPPER
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
8. SILTY
9. MICACEOUS
10. FINE
11. CALCITE AND MOLDS
12. 33 deg. 46 min. 39 sec. NORTH
13. 79 deg. 19 min. 54 sec. WEST
14. 16 ft.
15. fauna:
 - 3 Syncylonema simplicus (Conrad)
 - 41 Anomia (Anomia) argentaria Morton
 - 31 Lima (Lima) pelagica (Morton)
 - 2 Cubitostrea tecticosta (Gabb)
 - 1 Crassatella sp.
 - 2 Trachycardium sp.
 - 1 Cymbophora sp.
 - 2 Caesticorbula (Caesticorbula) crassaplica (Gabb)
 - present Hamulus onyx Morton
 - present Crab parts

LOCATION NO. 369 SMITH MILL-4, GEORGETOWN CO., SC

1. PEEDEE
2. UPPER
3. SOHL COLLECTION
4. SAND
5. GRAY
7. GLAUCONITIC
8. CLAYEY
9. FINELY MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 33 deg. 46 min. 45 sec. NORTH
13. 79 deg. 20 min. 0 sec. WEST
14. 23 ft.
15. fauna:
 - 1 Camptonectes (Camptonectes) argillensis (Conrad)
 - 31 Anomia (Anomia) argentaria Morton
 - 1 Anomia (Anomia) ornata Gabb
 - 10 Lima (Lima) pelagica (Morton)
 - 1 Exogyra costata Say
 - 14 Cubitostrea tecticosta (Gabb)
 - 2 Caesticorbula (Caesticorbula) crassaplica (Gabb)
 - 1 Hamulus onyx Morton
 - 3 Serpula sp.
 - present Bone material
 - present Shark parts

LOCATION NO. 371 SMITH MILL-3, GEORGETOWN CO., SC

1. PEEDEE
2. UPPER
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
6. POORLY SORTED
9. SPARINGLY MICACEOUS
10. MEDIUM
11. CALCITE AND MOLDS
12. 33 deg. 46 min. 45 sec. NORTH
13. 79 deg. 20 min. 0 sec. WEST
14. 16 ft.
15. fauna:
 - 2 Nemodon sp.
 - 4 Cucullaea (Idonearca) sp.
 - 4 Syncylonema simplicus (Conrad)
 - 6 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 14 Anomia (Anomia) argentaria Morton
 - 21 Lima (Lima) pelagica (Morton)
 - 1 Exogyra costata Say
 - 1 Cubitostrea tecticosta (Gabb)
 - 1 Pterotrignia (Scabrotrignia) sp.
 - 4 Trachycardium sp.
 - 1 Cyprimeria sp.
 - 3 Caesticorbula (Caesticorbula) crassaplica (Gabb)
 - 3 Turritella (Sohlitella) trilira (Conrad)
 - 1 Turritella (Sohlitella) bilira (Stephenson)
 - 3 Amaurellina stephensoni (Wade)
 - 1 Pyrifusus sp.
 - present Bryozoa (branching)
 - present Hamulus onyx Morton

LOCATION NO. 372 PINE BLUFF-1, GEORGETOWN CO., SC

1. PEEDEE
2. UPPER
3. SOHL COLLECTION
4. SAND
5. GRAY
8. CLAYEY
9. MICACEOUS
10. FINE
11. CALCITIC SHELLS ONLY
12. 33 deg. 45 min. 45 sec. NORTH
13. 79 deg. 18 min. 15 sec. WEST
14. 15 ft.

15. fauna:

- 1 Syncylonema simplicus (Conrad)
 - 77 Anomia (Anomia) argentaria Morton
 - 3 Lima (Lima) reticulata Lyell & Forbes
 - 28 Lima (Lima) pelagica (Morton)
 - 18 Cubitostrea tecticosta (Gabb)
- present Hamulus squamosus Gabb

LOCATION NO. 373 PINE BLUFF-2, GEORGETOWN CO., SC

1. PEEDEE
2. UPPER
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
8. SILTY
9. MICACEOUS
10. FINE
11. CALCITE AND MOLDS
12. 33 deg. 45 min. 45 sec. NORTH
13. 79 deg. 18 min. 15 sec. WEST
14. 17 ft.

15. fauna:
 - 2 Syncylonema simplicus (Conrad)
 - 38 Anomia (Anomia) argentaria Morton
 - 34 Lima (Lima) pelagica (Morton)
 - 1 Cubitostrea tecticosta (Gabb)
 - 4 Cymbophora sp.
 - 4 Caesticorbula (Caesticorbula) crassaplica (Gabb)
 - 1 Sphenodiscus sp.
 - present Hamulus squamosus Gabb
 - present Hamulus onyx Morton

LOCATION NO. 374 PINE BLUFF-3, GEORGETOWN CO., SC

1. PEEDEE
2. UPPER
3. SOHL COLLECTION
4. SAND
5. GRAY
8. SILTY
9. MICACEOUS
10. FINE
11. CALCITIC SHELLS ONLY
12. 33 deg. 45 min. 45 sec. NORTH
13. 79 deg. 18 min. 15 sec. WEST
14. 20 ft.
15. fauna:
 - 5 *Nuculana whitfieldi* (Gardner)
 - 1 *Nemodon enfaulensis* (Gabb)
 - 7 *Syncylonema simplicus* (Conrad)
 - 5 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 157 *Anomia* (*Anomia*) *argentaria* Morton
 - 4 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 29 *Lima* (*Lima*) *pelagica* (Morton)
 - 1 *Exogyra* sp.
 - 27 *Cubitostrea tecticosta* (Gabb)
 - 2 *Nymhalucina* ? *linearea* (Stephenson)
 - 1 *Crassatella vadosa vadosa* Morton
 - 2 *Trachycardium* sp.
 - 3 *Cymbophora* cf. *C. berryi* (Gardner)
 - 2 *Leptosolen biplicata* (Conrad)
 - 2 *Linearia metastriata* Conrad
 - 1 *Veniella conradi* (Morton)
 - 1 *Cyprimeria* sp.
 - 1 *Corbula* sp.
 - 3 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Laternula* sp.
 - present *Hamulus squamosus* Gabb
 - present *Hamulus onyx* Morton
 - present Bone material

LOCATION NO. 391 HILTON PARK, NEW HANOVER CO., NC

1. PEEDEE
2. UNDIFFERENTIATED
3. SOHL COLLECTION
4. SAND
10. FINE
11. CALCITE AND MOLDS
12. 34 deg. 16 min. 20 sec. NORTH
13. 77 deg. 57 min. 0 sec. WEST
15. fauna:
 - 6 Cucullaea (Idonearca) capax Conrad
 - present Lithophagid borings
 - 43 Syncylonema simplicus (Conrad)
 - 8 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 100 Anomia (Anomia) argentaria Morton
 - 2 Anomia (Anomia) ornata Gabb
 - 1 Acesta (Costellacesta) sp.
 - 1 Pycnodonte vesicularis Lamarck
 - 17 Exogyra costata Say
 - 7 Cubitostrea tecticosta (Gabb)
 - 26 Ostrea plumosa Morton
 - 2 Panopea monmouthensis Gardner
 - 5 Turritella (Sohlitella) trilira (Conrad)
 - 2 Striaticostatum sp.
 - 1 Pugnellus sp.
 - 1 Eutrephoceras dekayi (Morton)
 - 3 Sphenodiscus sp.
 - present Clione sp.
 - present Bryozoa (encrusting)
 - present Bryozoa (branching)
 - 2 Linthia variabilis Slocum
 - present Hamulus onyx Morton
 - present Serpula sp.
 - present Crab parts
 - present Bone material

- LOCATION NO. 410 OXEN HILL, PRINCE GEORGES CO., MD
1. SEVERN FM
 2. UPPER
 3. SOHL COLLECTION
 4. SANDSTONE
 5. GRAY
 7. ARGILLACEOUS
 9. MICACEOUS
 10. FINE-MEDIUM
 11. CALCITE, ARAGONITE FILM, SOME CALCITE REPLACEMENT
 12. 38 deg. 47 min. 45 sec. NORTH
 13. 77 deg. 0 min. 0 sec. WEST
 14. 150 ft.

15. fauna:

- 52 *Nucula percrassa* Conrad
- 2 *Nucula amica* Gardner
- 3 *Malletia longifrons* (Conrad)
- 4 *Nuculana rostrotruncata* (Gardner)
- 1 *Nuculana* sp.
- 4 *Striarca cuneata* Gabb
- 7 *Striarca saffordi* (Gardner) non Gabb
- 1 *Glycymeris* sp.
- 5 *Postligata wordeni* Gardner
- 11 *Lycettia tippanus* (Conrad)
- 2 *Crenella serica* Conrad
- 1 *Lithophaga julia*
- present *Lithophagid* borings
- 5 *Syncylonema simplicus* (Conrad)
- 4 *Anomia* (*Anomia*) *argentaria* Morton
- 28 *Cubitostrea tecticosta* (Gabb)
- 129 *Crassatella vadosa vadosa* Morton
- 2 *Bathytormus pteropsis* (Conrad)
- 6 *Trachycardium eufaulensis* (Conrad)
- 26 *Cymbophora berryi* (Gardner)
- 3 *Cymbophora appressa* (Gabb)
- 2 *Leptosolen biplicata* (Conrad)
- 1 *Tellinimera buboana* Stephenson
- 2 *Tellina* sp.
- 2 *Tellina* n. sp. (fine concentrics and cancellate post.)
- 7 *Tenea parilis* Conrad
- 2 *Glossus* sp.
- 28 *Cyprimeria alta* Conrad
- 4 *Legumen ellipticum* Conrad
- 1 *Corbula monmouthensis* Gardner
- 1 *Corbula subradiata* Gardner
- 5 *Corbula* sp.
- 4 *Urceolabrum turberculatum callistum* Harbison
- 1 *Pseudomalaxis pateriformis* Stephenson
- 12 *Turritella* (*Sohlitella*) *trilira* (Conrad)
- 4 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
- 2 *Turritella vertebroides* Morton
- 1 *Striaticostatum* sp.
- 1 *Gyrodes spillmani* Gabb

LOCATION NO. 410 OXEN HILL, PRINCE GEORGES CO., MD

13 *Euspira rectilabrum* (Conrad)
1 *Lowenstamia* sp.
1 *Drilluta buboanus* Sohl
1 *Paladmete cancellaria* (Conrad)
1 *Beretra* sp.
3 *Eutrephoceras dekayi* (Morton)
1 *Baculites* sp.
2 *Discoscaphites conradi* (Morton) var.
5 *Sphenodiscus* sp.
1 Heteromorph ammonite
11 *Dentalium leve* Stephenson
7 *Micrabacia* spp.
1 *Hamulus squamosus* Gabb
1 *Hamulus onyx* Morton
1 *Serpula* sp.
present Plant fragments

LOCATION NO. 411 OXEN HILL, PRINCE GEORGES CO., MD

1. SEVERN FM
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
7. SPARINGLY GLAUCONITIC
9. MICACEOUS
10. FINE
11. CALCITE, MUSHY ARAGONITE, AND SOME REPLACEMENT
12. 38 deg. 47 min. 45 sec. NORTH
13. 77 deg. 0 min. 0 sec. WEST
14. 140 ft.
15. fauna:
 - 22 *Nucula percrassa* Conrad
 - 1 *Malletia longifrons* (Conrad)
 - 4 *Nuculana whitfieldi* (Gardner)
 - 1 *Nuculana rostrotruncata* (Gardner)
 - 2 *Perissonata littlei* Gardner
 - 1 *Perissonata* n. sp. (large, smooth and elongate)
 - 1 *Striarca cuneata* Gabb
 - 4 *Striarca saffordi* (Gardner) non Gabb
 - 1 *Crenella serica* Conrad
 - present *Botula conchafodentis* (Gardner)
 - present *Botula lingua* Gardner
 - 9 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes* (*Camptonectes*) sp.
 - 4 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Anomia* (*Anomia*) *ornata* Gabb
 - 4 *Exogyra costata* Say
 - 4 *Cubitostrea tecticosta* (Gabb)
 - 2 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 35 *Crassatella vadosa vadosa* Morton
 - 2 *Bathytormus pteropsis* (Conrad)
 - 1 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 9 *Trachycardium eupaulensis* (Conrad)
 - 18 *Cymbophora berryi* (Gardner)
 - 11 *Cymbophora appressa* (Gabb)
 - 1 *Leptosolen biplicata* (Conrad)
 - 1 *Aenona eupaulensis* (Conrad)
 - 9 *Tenea parilis* Conrad
 - 1 *Glossus* sp.
 - 2 *Cyprimeria depressa* Conrad
 - 29 *Cyprimeria alta* Conrad
 - 1 *Corbula monmouthensis* Gardner
 - 1 *Corbula* sp.
 - 2 *Panopea monmouthensis* Gardner
 - 1 *Claripholas pectorosa* (Conrad)
 - 1 *Opertochasma* sp.
 - 1 *Liopistha protexta* Conrad
 - 1 *Urceolabrum turberculatum callistum* Harbison
 - 2 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 - 5 *Turritella* (*Sohlitella*) *bilira* (Stephenson)

LOCATION NO. 411 OXEN HILL, PRINCE GEORGES CO., MD

- 1 Gyrodes spillmani Gabb
- 6 Euspira rectilabrum (Conrad)
- 2 Mathilda cf. M. cedarensis Stephenson
- 2 Stantonella interrupta (Conrad)
- 1 Pyrifusus sp.
- 1 Bellifusus sp.
- 2 Hercorhyncus (Hercothyncus) pagodaformis Sohl
- 1 Hercorhyncus (Hercothyncus) sp.
- 1 Napulus octoliratus Conrad
- 3 Paladmete cancellaria (Conrad)
- 1 Beretra ripleyana (Conrad)
- 3 Ringicula (Ringiculella) clarki Gardner
- 2 Creonella triplicata Wade
- 4 Sphenodiscus sp.
- 13 Dentalium leve Stephenson
- 1 Micrabacia spp.
- 1 Hamulus onyx Morton

LOCATION NO. 415 CENTRAL AVE., PRINCE GEORGES CO., MD

1. SEVERN FM
2. UPPERMOST
3. SOHL COLLECTION
4. SAND
5. GRAY
7. ARGILLACEOUS GLAUCONITIC
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 38 deg. 53 min. 30 sec. NORTH
13. 76 deg. 50 min. 45 sec. WEST
14. 110 ft.

15. fauna:

- 48 *Nucula percrassa* Conrad
- 1 *Nucula perequalis* Conrad?
- 5 *Nucula cunifrons* Conrad
- 17 *Nuculana whitfieldi* (Gardner)
- 14 *Nuculana rostrotruncata* (Gardner)
- 3 *Nemodon enfaulensis* (Gabb)
- 10 *Striarca saffordi* (Gardner) non Gabb
- 50 *Postligata wordeni* Gardner
- 6 *Lycettia tippanus* (Conrad)
- 202 *Crenella serica* Conrad
- 1 *Lithophaga* sp.
- 1 *Pteria* sp.
- 43 *Syncylonema simplicus* (Conrad)
- 1 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
- 41 *Anomia* (*Anomia*) *argentaria* Morton
- 1 *Anomia* (*Anomia*) *ornata* Gabb
- 1 *Lima* (*Lima*) *pelagica* (Morton)
- 15 *Pycnodonte vesicularis* Lamarck
- 2 *Exogyra costata* Say
- 1 *Gryphaeostrea vomer* Morton
- 66 *Cubitostrea tecticosta* (Gabb)
- 2 *Ostrea plumosa* Morton
- 32 *Ostrea mesenterica* Morton
- 36 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
- 1 *Myrtea stephensoni* Gardner
- 25 *Crassatella vadosa vadosa* Morton
- 1 *Scambula perplana* Conrad
- 1 *Granocardium* (*Granocardium*) sp.
- 12 *Trachycardium eupaulensis* (Conrad)
- 12 *Cymbophora berryi* (Gardner)
- 1 *Solyma gardnerae* Stephenson
- 2 *Tellinimera buboana* Stephenson
- 2 *Tellinimera gabbi* Gardner
- 12 *Aenona eupaulensis* (Conrad)
- 4 *Linearia metastriata* Conrad
- 2 *Veniella conradi* (Morton)
- 9 *Cyclorisma parva* (Gardner)
- 9 *Cyprimeria depressa* Conrad
- 4 *Cyprimeria alta* Conrad

LOCATION NO. 415 CENTRAL AVE., PRINCE GEORGES CO., MD

1	Legumen ellipticum Conrad
1	Corbula monmouthensis Gardner
3	Corbula subradiata Gardner
49	Caesticorbula (Caesticorbula) crassaplica (Gabb)
4	Caesticorbula (Parmicorbula) terramaria (Gardner)
23	Caesticorbula (Parmicorbula) percompressa Gardner
2	Panopea monmouthensis Gardner
1	Claripholas pectorosa (Conrad)
4	Urceolabrum turberculatum callistum Harbison
5	Turritella (Sohlitella) trilira (Conrad)
1	Turritella tippiana Conrad
2	Turritella vertebroides Morton
1	Turritella sp.
1	Striaticostatum sp.
2	Gyrodes supraplicatus (Conrad)
10	Euspira rectilabrum (Conrad)
1	Mathilda cf. M. cedarensis Stephenson
2	Promathilda (Clathrobaculus) cf. P. (C.) parvula Sohl
3	Stantonella interrupta (Conrad)
1	Drilluta sp.
1	Paladmete cancellaria (Conrad)
1	Fusimilis tippanus (Conrad)
4	Neogastropods indeterminate
5	Ringicula (Ringiculella) clarki Gardner
1	Creonella triplicata Wade
1	Eutrephoceras dekayi (Morton)
2	Baculites sp. (smooth-ovate)
4	Sphenodiscus lobatus (Toumey)
1	Sphenodiscus sp.
7	Cadulus obnatus (Conrad)
25	Dentalium leve Stephenson
present	Chitin
present	Micrabacia spp.
2	Hamulus squamosus Gabb
1	Hamulus onyx Morton
present	Worm Tubes
present	Bone material
present	Shark parts

LOCATION NO. 416 CENTRAL AVE., PRINCE GEORGES CO., MD

1. SEVERN FM
2. UPPERMOST
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
7. ARGILLACEOUS
9. SPARINGLY MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 38 deg. 53 min. 30 sec. NORTH
13. 76 deg. 50 min. 45 sec. WEST
14. 110 ft.

15. fauna:

- 35 *Nucula percrassa* Conrad
- 8 *Nucula cunifrons* Conrad
- 4 *Nuculana whitfieldi* (Gardner)
- 6 *Nuculana rostrotruncata* (Gardner)
- 2 *Perissonata protexta* (Conrad)non Gabb
- 1 *Perissonata littlei* Gardner
- 3 *Nemodon stantoni* Gardner
- 8 *Striarca saffordi* (Gardner)non Gabb
- 4 *Postligata wordeni* Gardner
- 12 *Lycettia tippanus* (Conrad)
- 29 *Crenella serica* Conrad
- 1 *Botula conchafodentis* (Gardner)
- 4 *Modiolus sedesclaris* Gardner
- 1 *Pteria rhombica* Gardner
- 1 *Inoceramus* (*Inoceramus*) sp.
- 44 *Syncylonema simplicus* (Conrad)
- 1 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
- 5 *Anomia* (*Anomia*) *argentaria* Morton
- 66 *Cubitostrea tecticosta* (Gabb)
- 19 *Pterotrignia* (*Scabrotrignia*) *eufaulensis moorei* (Ste
- 1 *Myrtea stephensoni* Gardner
- 73 *Crassatella vadosa vadosa* Morton
- 1 *Bathytormus pteropsis* (Conrad)
- 8 *Granocardium* (*Granocardium*) *kummeli* Weller
- 38 *Trachycardium eupaulensis* (Conrad)
- 58 *Cymbophora berryi* (Gardner)
- 9 *Leptosolen biplicata* (Conrad)
- 6 *Tellinimera gabbi* Gardner
- 16 *Aenona eupaulensis* (Conrad)
- 3 *Etea* cf. *Etea carolinensis* Conrad
- 12 *Tenea parilis* Conrad
- 4 *Cyprimeria depressa* Conrad
- 5 *Cyprimeria alta* Conrad
- 7 *Legumen ellipticum* Conrad
- 2 *Corbula monmouthensis* Gardner
- 1 *Corbula subradiata* Gardner
- 3 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
- 7 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
- 37 *Opertochasma* sp.

LOCATION NO. 416 CENTRAL AVE., PRINCE GEORGES CO., MD

1	<i>Anatymya anteradiata</i> Conrad
5	<i>Liopistha protexta</i> Conrad
7	<i>Urceolabrum turberculatum callistum</i> Harbison
1	<i>Turritella</i> (<i>Sohlitella</i>) <i>trilira</i> (Conrad)
4	<i>Turritella</i> (<i>Sohlitella</i>) <i>bilira</i> (Stephenson)
1	<i>Turritella paravertebroides</i> Gardner
1	<i>Pterocerella tippana</i> (Conrad)
2	<i>Gyrodos americanus</i> Wade
11	<i>Euspira rectilabrum</i> (Conrad)
1	<i>Trachytritan</i> n. sp.
3	<i>Bellifusus curvicostatus</i> (Wade)
1	<i>Graphidula multicostata</i> Stephenson
1	<i>Hercorhyncus</i> (<i>Hercorhyncus</i>) <i>tippanus</i> Conrad
1	<i>Remera flexicostata</i> Sohl
1	<i>Myobarbum</i> ? <i>monmouthensis</i> (Gardner)
5	<i>Paladmete cancellaria</i> (Conrad)
1	<i>Beretra ripleyana</i> (Conrad)
18	<i>Ringicula</i> (<i>Ringiculella</i>) <i>clarki</i> Gardner
1	<i>Oligoptycha</i> sp.
1	<i>Cylichna</i> sp.
1	<i>Creonella triplicata</i> Wade
1	<i>Acirsa</i> (<i>Hemiacirsa</i>) <i>flexicostata</i> Sohl
7	<i>Baculites</i> sp.
1	<i>Discoscaphites conradi</i> (Morton) var.
5	<i>Discoscaphites</i> sp.
4	<i>Sphenodiscus</i> sp.
1	<i>Cadulus obnatus</i> (Conrad)
78	<i>Dentalium leve</i> Stephenson
1	<i>Micrabacia</i> spp.
1	Bryozoa (branching)
1	<i>Hamulus squamosus</i> Gabb
1	<i>Hamulus onyx</i> Morton
present	Plant fragments

LOCATION NO. 417 CENTRAL AVE., PRINCE GEORGES CO., MD

1. SEVERN FM
2. UPPERMOST
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
7. ARGILLACEOUS
9. SPARINGLY MICACEOUS
10. COARSE-VERY COARSE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 38 deg. 53 min. 30 sec. NORTH
13. 76 deg. 50 min. 45 sec. WEST
14. 110 ft.
15. fauna:
 - 132 *Nucula percrassa* Conrad
 - 10 *Nucula cunifrons* Conrad
 - 2 *Malletia longifrons* (Conrad)
 - 21 *Nuculana whitfieldi* (Gardner)
 - 52 *Nuculana rostrotruncata* (Gardner)
 - 3 *Perissonata protexta* (Conrad)non Gabb
 - 3 *Perissonata littlei* Gardner
 - 2 *Nemodon enfaulensis* (Gabb)
 - 12 *Nemodon stantoni* Gardner
 - 10 *Striarca saffordi* (Gardner)non Gabb
 - 1 *Glycymeris rotundata* (Gabb)
 - 49 *Postligata wordeni* Gardner
 - 27 *Lycettia tippanus* (Conrad)
 - 58 *Crenella serica* Conrad
 - 11 *Botula conchafodentis* (Gardner)
 - 2 *Lithophaga* sp.
 - 1 *Modiolus trigonus* Gardner
 - 1 *Modiolus sedesclaris* Gardner
 - 3 *Pteria rhombica* Gardner
 - 100 *Syncylonema simplicus* (Conrad)
 - 21 *Anomia (Anomia) argentaria* Morton
 - 3 *Pycnodonte vesicularis* Lamarck
 - 5 *Exogyra costata* Say
 - 129 *Cubitostrea tecticosta* (Gabb)
 - 34 *Pterotrignia (Scabrotrignia) eufaulensis* (Gabb)
 - 2 *Myrtea stephensoni* Gardner
 - 2 *Vetericardiella crenalirata* (Conrad)
 - 3 *Astarte ? culebrensis* (Stephenson)
 - 207 *Crassatella vadosa vadosa* Morton
 - 1 *Bathytormus pteropsis* (Conrad)
 - 2 *Uddenia texana* Stephenson
 - 24 *Granocardium (Granocardium) kummeli* Weller
 - 108 *Trachycardium eufaulensis* (Conrad)
 - 186 *Cymbophora berryi* (Gardner)
 - 4 *Cymbophora appressa* (Gabb)
 - 34 *Leptosolen biplicata* (Conrad)
 - 2 *Solyma gardnerae* Stephenson
 - 8 *Tellinimera buboana* Stephenson
 - 17 *Tellinimera gabbi* Gardner

LOCATION NO. 417 CENTRAL AVE., PRINCE GEORGES CO., MD

- 64 *Aenona eufaulensis* (Conrad)
 3 *Linearia metastriata* Conrad
 1 *Etea* cf. *Etea carolinensis* Conrad
 10 *Veniella conradi* (Morton)
 39 *Tenea parilis* Conrad
 4 *Cyclorisma parva* (Gardner)
 19 *Cyprimeria depressa* Conrad
 9 *Cyprimeria alta* Conrad
 10 *Legumen ellipticum* Conrad
 3 *Corbula monmouthensis* Gardner
 54 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 29 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 1 *Panopea monmouthensis* Gardner
 2 *Claripholas pectorosa* (Conrad)
 6 *Opertochasma* sp.
 1 *Periplomya* sp.
 19 *Liopistha protexta* Conrad
 1 *Weeksia* n. sp. (no spines)
 36 *Urceolabrum turberculatum callistum* Harbison
 3 *Pseudomalaxis pilsbryi* Harbison
 29 *Turritella* (*Sohlitella*) *trilira* (Conrad)
 44 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 27 *Turritella paravertebroides* Gardner
 2 *Striaticostatum sparsum* Sohl
 5 *Belliscula* sp.
 1 *Arrhoges* (*Latiala*) cf. *A. lobata* (Wade)
 3 *Pterocerella tippana* (Conrad)
 1 *Gyrodes supraplicatus* (Conrad)
 3 *Gyrodes spillmani* Gabb
 14 *Gyrodes americanus* Wade
 2 *Polinices kummeli* Sohl
 44 *Euspira rectilabrum* (Conrad)
 5 *Mathilda* cf. *M. cedarensis* Stephenson
 6 *Promathilda* (*Clathrobaculus*) cf. *P. (C.) parvula* Sohl
 1 *Sargana* sp.
 1 *Morea marylandica* Gardner
 7 *Stantonella interrupta* (Conrad)
 2 *Pyrifusus crassus* Sohl
 8 *Deussenia bellalirata* (Conrad)
 17 *Bellifusus curvicostatus* (Wade)
 1 *Bellifusus* sp.
 2 *Drilluta marylandicus* (Gardner)
 1 *Paleopsephaea tenuilirata* Sohl
 6 *Graphidula terebriformis* Stephenson
 3 *Serrifusus* ? n. sp.
 7 *Hercorhyncus* (*Hercorhyncus*) *tippanus* Conrad

 1 *Hercorhyncus* (*Hercorhyncus*) sp.
 5 *Remera flexicostata* Sohl
 1 *Remera juncea* (Gardner)

LOCATION NO. 417 CENTRAL AVE., PRINCE GEORGES CO., MD

8 Anomalofusus lemniscatus Sohl
 1 Anomalofusus sp.
 2 Pyropsis proluxa Sohl
 6 Napulus octoliratus Conrad
 5 Fulgerca aff. A. attenuata (Wade)
 1 Volutid snail
 4 Ancilla (Ancillus) acutula (Stephenson)
 1 Longoconcha spp.
 3 Liopeplum canalis (Conrad)
 1 Liopeplum cretaceum (Conrad)
 3 Myobarbum ? monmouthensis (Gardner)
 1 Paladmete laevis Sohl
 22 Paladmete cancellaria (Conrad)
 1 Amuletum (Amuletum) dumasensis Sohl
 9 Beretra riplejana (Conrad)
 4 Fusimilis tippanus (Conrad)
 1 Acteon cicatricosus Sohl
 1 Nonacteonina n. sp. (slender, subsuture smooth)
 2 Eoacteon sp.
 145 Ringicula (Ringiculella) clarki Gardner
 4 Oligoptycha sp.
 2 Ellipsoscapha mortoni (Forbes)
 3 Cylichna sp.
 1 Eulima ? clara Wade
 6 Creonella triplicata Wade
 2 Acirsa (Hemiacirsa) clathrata Sohl
 3 Acirsa (Hemiacirsa) flexicostata Sohl
 2 Eutrephoceras dekayi (Morton)
 26 Baculites sp.
 7 Discoscaphites conradi (Morton) var.
 33 Sphenodiscus sp.
 108 Dentalium leve Stephenson
 present Micrabacia spp.
 present Bryozoa (branching)
 present Hamulus squamosus Gabb
 1 Hamulus? huntensis Stephenson
 present Hamulus onyx Morton

- LOCATION NO. 419 LANDOVER MALL, PRINCE GEORGES CO., MD
1. SEVERN FM
 2. UPPERMOST
 3. SOHL COLLECTION
 4. SAND
 5. GRAY
 6. AVERAGE
 7. SPARINGLY GLAUCONITIC
 9. MICACEOUS
 10. FINE
 11. CALCITE AND ARAGONITE WELL PRESERVED
 12. 38 deg. 55 min. 0 sec. NORTH
 13. 76 deg. 51 min. 5 sec. WEST
 14. 125 ft.
 15. fauna:
 - present *Nucula percrassa* Conrad
 - present *Nucula amica* Gardner
 - present *Nucula cunifrons* Conrad
 - present *Malletia longifrons* (Conrad)
 - present *Nuculana whitfieldi* (Gardner)
 - present *Nuculana rostrotruncata* (Gardner)
 - present *Perissonata protexta* (Conrad)non Gabb
 - present *Perissonata littlei* Gardner
 - present *Nemodon enfaulensis* (Gabb)
 - present *Nemodon stantoni* Gardner
 - present *Striarca saffordi* (Gardner)non Gabb
 - present *Cucullaea (Idonearca) capax* Conrad
 - present *Postligata wordeni* Gardner
 - present *Lycettia tippanus* (Conrad)
 - present *Crenella serica* Conrad
 - present *Crenella elegantula* Meek & Hayden
 - present *Botula ripleyana* (Gabb)
 - present *Botula conchafodentis* (Gardner)
 - present *Botula lingua* Gardner
 - present *Modiolus sedesclaris* Gardner
 - present *Pinna (Pinna) laqueata* Conrad
 - present *Pteria rhombica* Gardner
 - present *Tenuiptereus argenteus* (Conrad)
 - present *Inoceramus (Inoceramus) sp.*
 - present *Syncylonema simplicus* (Conrad)
 - present *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - present *Camptonectes n. sp. (small convex)*
 - present *Anomia (Anomia) argentaria* Morton
 - present *Anomia (Anomia) ornata* Gabb
 - present *Lima (Lima) reticulata* Lyell & Forbes
 - present *Lima (Lima) acutilineata* Conrad
 - present *Exogyra costata* Say
 - present *Cubitostrea tecticosta* (Gabb)
 - present *Pterotrignia (Scabrotrignia) eufaulensis* (Gabb)
 - present *Nymhalucina ? linearea* (Stephenson)
 - present *Myrtea stephensoni* Gardner
 - present *Crassatella vadosa vadosa* Morton
 - present *Bathytormus pteropsis* (Conrad)
 - present *Granocardium (Granocardium) lowei* Stephenson

LOCATION NO. 419 LANDOVER MALL, PRINCE GEORGES CO., MD
 present *Granocardium* (*Granocardium*) *kummeli* Weller
 present *Trachycardium eufaulensis* (Conrad)
 present *Cymbophora berryi* (Gardner)
 present *Cymbophora appressa* (Gabb)
 present *Cymbophora wordeni* (Gardner)
 present *Leptosolen biplicata* (Conrad)
 present *Leptosolen* ? n. sp. (angular anterior rib)
 present *Solyma gardnerae* Stephenson
 present *Tellinimera buboana* Stephenson
 present *Tellinimera gabbi* Gardner
 present *Tellina georgiana* Gabb ?
 present *Aenona eufaulensis* (Conrad)
 present *Linearia metastriata* Conrad
 present *Linearia crebelli* Stephenson
 present *Etea* cf. *Etea carolinensis* Conrad
 present *Veniella conradi* (Morton)
 present *Tenea parilis* Conrad
 present *Cyclorisma parva* (Gardner)
 present *Cyprimeria depressa* Conrad
 present *Cyprimeria major* Gardner
 present *Legumen ellipticum* Conrad
 present *Corbula monmouthensis* Gardner
 present *Corbula subradiata* Gardner
 present *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 present *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
 present *Eufistulena* sp.
 present *Panopea monmouthensis* Gardner
 present *Claripholas pectorosa* (Conrad)
 present *Claripholas* sp.
 present *Opertochasma* sp.
 present *Anatymya anteradiata* Conrad
 present *Liopistha protexta* Conrad
 present *Cuspidaria* (*Cuspidaria*) *ampulla* Gardner
 present *Weeksia* n. sp. (no spines)
 present *Urceolabrum turberculatum callistum* Harbison
 present *Pseudomalaxis pilsbryi* Harbison
 present *Turritella* (*Sohlitella*) *trilira* (Conrad)
 present *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 present *Turritella paravertebroides* Gardner
 present *Turritella hilgardi* Sohl
 present *Cerithium* aff. *Cerithium weeksi* Wade
 present *Striaticostatum sparsum* Sohl
 present *Belliscola* sp.
 present *Anteglosia* sp.
 present *Pterocerella tippana* (Conrad)
 present *Aporrhaid* sp.
 present *Pugnellus* (*Pugnellus*) *densatus* Conrad
 present *Gyrodes supraplicatus* (Conrad)
 present *Gyrodes spillmani* Gabb
 present *Gyrodes americanus* Wade

LOCATION NO. 419 LANDOVER MALL, PRINCE GEORGES CO., MD

present *Euspira rectilabrum* (Conrad)

present *Trachytritan* n. sp.

present *Mathilda* cf. *M. cedarensis* Stephenson

present *Mathilda* (*Echinimathilda*) *corona* Sohl

present *Promathilda* (*Clathrobaculus*) cf. *P. (C.) parvula* Sohl

present *Morea marylandica* Gardner

present *Morea cancellaria* Conrad

present *Latiaxis* sp.

present *Lowenstamia cucullata* Sohl

present *Stantonella interrupta* (Conrad)

present *Odantobasis* cf. *O. sulcata*

present *Pyrifusus subdensatus* Conrad

present *Pyrifusus crassus* Sohl

present *Deussenia bellalirata* (Conrad)

present *Bellifusus curvicostatus* (Wade)

present *Drilluta buboanus* Sohl

present *Drilluta marylandicus* (Gardner)

present *Graphidula terebriformis* Stephenson

present *Graphidula* sp.

present *Serrifusus* ? n. sp.

present *Hercorhyncus* (*Hercorhyncus*) *tippanus* Conrad

present *Hercorhyncus* (*Hercorhyncus*) *pagodaformis* Sohl

present *Remera flexicostata* Sohl

present *Remera* cf. *R. cretacea* Gardner

present *Remera* sp.

present *Anomalofusus lemniscatus* Sohl

present *Pyropsis perlata* Conrad

present *Pyropsis prolixa* Sohl

present *Pyropsis* spp.

present *Napulus octoliratus* Conrad

present *Napulus* n. sp.

present *Hydrotribulus asper* Stephenson

present *Fulgerca* aff. *A. attenuata* (Wade)

present Volutid snail

present *Ancilla* (*Ancillus*) *acutula* (Stephenson)

present *Liopeplum canalis* (Conrad)

present *Liopeplum cretaceum* (Conrad)

present *Myobarbum* ? *monmouthensis* (Gardner)

present *Caveola* sp.

present *Paladmete laevis* Sohl

present *Paladmete cancellaria* (Conrad)

present *Amuletum* (*Amuletum*) *dumasensis* Sohl

present *Amuletum* cf. *A. fasceolatum* (Wade)

present *Remnita* cf. *R. biacuminata* (Wade)

present *Beretra* cf. *B. gracilis* (Wade)

present *Fusimilis tippanus* (Conrad)

present *Acteon cicatricosus* Sohl

present *Nonacteonina* cf. *N. graphoides* Stephenson

present *Nonacteonina* n. sp. (slender, subsuture smooth)

LOCATION NO. 419 LANDOVER MALL, PRINCE GEORGES CO., MD

- present Acteon sp.
- present Eoacteon linteus (Conrad)
- present Ringicula (Ringiculella) clarki Gardner
- present Oligoptycha sp.
- present Ellipsoscapha mortoni (Forbes)
- present Ellipsoscapha cf. E. occidentalis Meek & Hayden
- present Cylichna diversilirata Sohl
- present Cylichna incisa Stephenson
- present Eulima monmouthensis (Gardner)
- present Eulima ? clara Wade
- present Creonella cf. C. subangulata Sohl
- present Acirsa (Hemiacirsa) clathrata Sohl
- present Acirsa (Hemiacirsa) flexicostata Sohl
- present Acirsa (Plesioacirsa) sp.
- present Eutrephoceras dekayi (Morton)
- present Discoscaphites iris Conrad
- present Discoscaphites conradi (Morton) var.
- present Sphenodiscus sp.
- present Cadulus obnatus (Conrad)
- present Dentalium sp. (ribbed)
- present Dentalium leve Stephenson
- present Micrabacia spp.
- present Bryozoa (encrusting)
- present Bryozoa (branching)
- present Hamulus squamosus Gabb
- present Hamulus onyx Morton
- present Serpula sp.
- present Otolith
- present Plant fragments

LOCATION NO. 420 LANDOVER MALL, PRINCE GEORGES CO., MD

1. SEVERN FM
3. SOHL COLLECTION
4. SANDSTONE
5. GRAY
7. CALCAREOUS ARGILLACEOUS
10. FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 38 deg. 55 min. 0 sec. NORTH
13. 76 deg. 51 min. 5 sec. WEST
14. 125 ft.
15. fauna:
 - 30 *Nucula percrassa* Conrad
 - 4 *Nucula amica* Gardner
 - 9 *Nucula cunifrons* Conrad
 - 4 *Malletia longifrons* (Conrad)
 - 10 *Nuculana whitfieldi* (Gardner)
 - 30 *Nuculana rostrotruncata* (Gardner)
 - 1 *Perissonata littlei* Gardner
 - 6 *Nemodon eufaulensis* (Gabb)
 - 7 *Striarca saffordi* (Gardner)non Gabb
 - 4 *Postligata wordeni* Gardner
 - 37 *Lycettia tippanus* (Conrad)
 - 30 *Crenella serica* Conrad
 - 1 *Crenella elegantula* Meek & Hayden
 - 1 *Botula conchafodentis* (Gardner)
 - 2 *Botula lingua* Gardner
 - 1 *Modiolus sedesclaris* Gardner
 - 41 *Syncylonema simplicus* (Conrad)
 - 2 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 24 *Anomia* (*Anomia*) *argentaria* Morton
 - 1 *Anomia* (*Anomia*) *ornata* Gabb
 - 2 *Exogyra costata* Say
 - 80 *Cubitostrea tecticosta* (Gabb)
 - 22 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 1 *Nymhalucina* ? *linearea* (Stephenson)
 - 205 *Crassatella vadosa vadosa* Morton
 - 10 *Granocardium* (*Granocardium*) *lowei* Stephenson
 - 2 *Granocardium* (*Granocardium*) *kummeli* Weller
 - 43 *Trachycardium eufaulensis* (Conrad)
 - 33 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora appressa* (Gabb)
 - 4 *Cymbophora wordeni* (Gardner)
 - 6 *Leptosolen biplicata* (Conrad)
 - 5 *Tellinimera buboana* Stephenson
 - 5 *Tellinimera gabbi* Gardner
 - 60 *Aenona eufaulensis* (Conrad)
 - 4 *Linearia metastriata* Conrad
 - 2 *Linearia crebelli* Stephenson
 - 14 *Veniella conradi* (Morton)
 - 16 *Tenea parilis* Conrad

LOCATION NO.	420 LANDOVER MALL, PRINCE GEORGES CO., MD
	1 <i>Cyclorisma parva</i> (Gardner)
	47 <i>Cyprimeria major</i> Gardner
	11 <i>Legumen ellipticum</i> Conrad
	14 <i>Caesticorbula</i> (<i>Caesticorbula</i>) <i>crassaplica</i> (Gabb)
	10 <i>Caesticorbula</i> (<i>Parmicorbula</i>) <i>percompressa</i> Gardner
	1 <i>Panopea monmouthensis</i> Gardner
	2 <i>Pholas</i> sp.
	15 <i>Liopistha protexta</i> Conrad
	9 <i>Urceolabrum turberculatum callistum</i> Harbison
	2 <i>Pseudomalaxis pilsbryi</i> Harbison
	16 <i>Turritella</i> (<i>Sohlitella</i>) <i>trilira</i> (Conrad)
	6 <i>Turritella</i> (<i>Sohlitella</i>) <i>bilira</i> (Stephenson)
	3 <i>Turritella paravertebroides</i> Gardner
	1 <i>Aporrhaid</i> n. gen., n. sp.
	1 <i>Gyrodes supraplicatus</i> (Conrad)
	9 <i>Gyrodes spillmani</i> Gabb
	25 <i>Euspira rectilabrum</i> (Conrad)
	4 <i>Promathilda</i> (<i>Clathrobaculus</i>) cf. <i>P. (C.) parvula</i> Sohl
	3 <i>Morea marylandica</i> Gardner
	1 <i>Morea cancellaria</i> Conrad
	1 <i>Latiaxis</i> sp.
	1 <i>Lowenstamia cucullata</i> Sohl
	2 <i>Pyrifusus subdensatus</i> Conrad
	1 <i>Pyrifusus crassus</i> Sohl
	1 <i>Hercorhyncus</i> (<i>Hercorhyncus</i>) <i>pagodaformis</i> Sohl
	1 <i>Hercorhyncus</i> (<i>Hercorhyncus</i>) sp.
	2 <i>Remera flexicostata</i> Sohl
	1 <i>Remera</i> sp.
	1 <i>Anomalofusus lemniscatus</i> Sohl
	2 <i>Pyropsis</i> spp.
	2 <i>Liopeplum canalis</i> (Conrad)
	1 <i>Paladmete laevis</i> Sohl
	15 <i>Paladmete cancellaria</i> (Conrad)
	1 <i>Amuletum</i> sp.
	1 <i>Fusimilis ripleanus</i> (Conrad)
	2 <i>Acteon cicatricosus</i> Sohl
	1 <i>Nonacteonina</i> sp.
	1 <i>Acteon</i> sp.
	42 <i>Ringicula</i> (<i>Ringiculella</i>) <i>clarki</i> Gardner
	1 <i>Cylichna diversilirata</i> Sohl
	1 <i>Cylichna incisa</i> Stephenson
	1 <i>Creonella</i> cf. <i>C. subangulata</i> Sohl
	4 <i>Acirsa</i> (<i>Hemiacirsa</i>) <i>flexicostata</i> Sohl
	1 <i>Discoscaphites iris</i> Conrad
	1 <i>Discoscaphites conradi</i> (Morton) var.
	15 <i>Sphenodiscus</i> sp.
	124 <i>Dentalium leve</i> Stephenson
	18 <i>Micrabacia</i> spp.
	2 <i>Hamulus squamosus</i> Gabb
	3 <i>Hamulus onyx</i> Morton

LOCATION NO. 420 LANDOVER MALL, PRINCE GEORGES CO., MD
present Serpula sp.
1 Otolith
present Plant fragments

LOCATION NO. 421 LANDOVER MALL, PRINCE GEORGES CO., MD

1. SEVERN FM
2. UPPERMOST
3. SOHL COLLECTION
4. SAND
5. GRAY
6. AVERAGE
7. SPARINGLY GLAUCONITIC
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 38 deg. 55 min. 0 sec. NORTH
13. 76 deg. 51 min. 5 sec. WEST
14. 125 ft.
15. fauna:
 - 229 *Nucula percrassa* Conrad
 - 6 *Nucula cunifrons* Conrad
 - 37 *Nuculana whitfieldi* (Gardner)
 - 6 *Nuculana rostrotruncata* (Gardner)
 - 2 *Perissonata protexta* (Conrad)non Gabb
 - 4 *Nemodon enfaulensis* (Gabb)
 - 12 *Striarca saffordi* (Gardner)non Gabb
 - 2 *Cucullaea (Idonearca) capax* Conrad
 - 89 *Postligata wordeni* Gardner
 - 41 *Lycettia tippanus* (Conrad)
 - 463 *Crenella serica* Conrad
 - 4 *Modiolus trigonus* Gardner
 - 2 *Modiolus sedesclaris* Gardner
 - 1 *Pinna (Pinna) sp.*
 - 109 *Syncylonema simplicus* (Conrad)
 - 1 *Camptonectes (Camptonectes) bubonis* (Stephenson)
 - 193 *Anomia (Anomia) argentaria* Morton
 - 1 *Anomia (Anomia) ornata* Gabb
 - 41 *Pycnodonte vesicularis* Lamarck
 - 11 *Exogyra costata* Say
 - 2 *Exogyra sp.*
 - 1 *Gryphaeostrea vomer* Morton
 - 1 *Agerostrea falcata* (Gabb)
 - 190 *Cubitostrea tecticosta* (Gabb)
 - 2 *Ostrea plumosa* Morton
 - 144 *Ostrea mesenterica* Morton
 - 88 *Pterotrignia (Scabrotrignia) eufaulensis* (Gabb)
 - 1 *Myrtea stephensoni* Gardner
 - 2 *Vetericardiella crenalirata* (Conrad)
 - 81 *Crassatella vadosa vadosa* Morton
 - 6 *Bathytormus pteropsis* (Conrad)
 - 3 *Granocardium (Granocardium) kummeli* Weller
 - 25 *Trachycardium eufaulensis* (Conrad)
 - 34 *Cymbophora berryi* (Gardner)
 - 1 *Cymbophora wordeni* (Gardner)
 - 5 *Tellinimera buboana* Stephenson
 - 9 *Tellinimera gabbi* Gardner
 - 13 *Aenona eufaulensis* (Conrad)
 - 4 *Linearia metastriata* Conrad

LOCATION NO.	421 LANDOVER MALL, PRINCE GEORGES CO., MD
8	<i>Veniella conradi</i> (Morton)
2	<i>Tenea parilis</i> Conrad
5	<i>Cyclorisma parva</i> (Gardner)
3	<i>Cyprimeria depressa</i> Conrad
10	<i>Cyprimeria alta</i> Conrad
4	<i>Legumen ellipticum</i> Conrad
4	<i>Corbula monmouthensis</i> Gardner
4	<i>Corbula subradiata</i> Gardner
6	<i>Corbula</i> sp.
123	<i>Caesticorbula</i> (<i>Caesticorbula</i>) <i>crassaplica</i> (Gabb)
4	<i>Caesticorbula</i> (<i>Parmicorbula</i>) <i>terramaria</i> (Gardner)
52	<i>Caesticorbula</i> (<i>Parmicorbula</i>) <i>percompressa</i> Gardner
5	<i>Liopistha protexta</i> Conrad
1	<i>Urceolabrum turberculatum callistum</i> Harbison
14	<i>Turritella</i> (<i>Sohlitella</i>) <i>trilira</i> (Conrad)
4	<i>Turritella</i> (<i>Sohlitella</i>) <i>bilira</i> (Stephenson)
1	<i>Turritella tippana</i> Conrad
5	<i>Turritella vertebroides</i> Morton
6	<i>Turritella</i> sp.
2	<i>Gyrodes supraplicatus</i> (Conrad)
11	<i>Gyrodes spillmani</i> Gabb
5	<i>Euspira rectilabrum</i> (Conrad)
8	<i>Stantonella interrupta</i> (Conrad)
1	<i>Buccinopsis crassicostata</i> (Gabb)
4	<i>Bellifusus</i> sp.
2	<i>Drilluta distans</i> (Conrad)
1	<i>Serrifusus</i> ? n. sp.
2	<i>Hercorhyncus</i> (<i>Hercorhyncus</i>) <i>tippanus</i> Conrad
1	<i>Hercorhyncus</i> (<i>Haplovoluta</i>) sp.
5	<i>Remera flexicostata</i> Sohl
2	<i>Remera juncea</i> (Gardner)
3	<i>Anomalofusus</i> sp.
1	<i>Pyropsis perlata</i> Conrad
2	Volutid snail
1	<i>Liopeplum canalis</i> (Conrad)
4	<i>Liopeplum cretaceum</i> (Conrad)
7	<i>Paladmete cancellaria</i> (Conrad)
1	<i>Remnita</i> sp.
2	<i>Fusimilis tippanus</i> (Conrad)
28	Neogastropods indeterminate
1	<i>Nonacteonina</i> sp.
30	<i>Ringicula</i> (<i>Ringiculella</i>) <i>clarki</i> Gardner
1	<i>Oligoptycha</i> sp.
3	<i>Creonella triplicata</i> Wade
1	<i>Creonella</i> cf. <i>C. subangulata</i> Sohl
3	<i>Eutrephoceras dekayi</i> (Morton)
8	<i>Baculites</i> sp.
1	<i>Discoscaphites iris</i> Conrad
12	<i>Sphenodiscus</i> sp.
26	<i>Dentalium leve</i> Stephenson

LOCATION NO. 421 LANDOVER MALL, PRINCE GEORGES CO., MD

1	Dentalium sp.
105	Micrabacia spp.
present	Bryozoa (branching)
8	Hamulus squamosus Gabb
13	Hamulus onyx Morton
present	Worm Tubes
present	Crab parts
present	Fish parts
present	Bone material
present	Shark parts
13	Otolith
present	Plant fragments

LOCATION NO. 422 BRIGHTSEAT, PRINCE GEORGES CO., MD

1. SEVERN FM
2. UPPERMOST
3. SOHL COLLECTION
4. SAND
5. GRAY
7. ARGILLACEOUS GLAUCONITIC
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 38 deg. 54 min. 57 sec. NORTH
13. 76 deg. 51 min. 3 sec. WEST
14. 115 ft.
15. fauna:
 - 58 *Nucula percrassa* Conrad
 - 1 *Nucula amica* Gardner
 - 4 *Nucula cunifrons* Conrad
 - 26 *Nuculana whitfieldi* (Gardner)
 - 12 *Nuculana rostrotruncata* (Gardner)
 - 1 *Perissonata protexta* (Conrad)non Gabb
 - 4 *Nemodon eufaulensis* (Gabb)
 - 2 *Striarca* sp.
 - 1 *Cucullaea (Idonearca) capax* Conrad
 - 7 *Postligata wordeni* Gardner
 - 14 *Lycettia tippanus* (Conrad)
 - 33 *Crenella serica* Conrad
 - 1 *Crenella elegantula* Meek & Hayden
 - present Lithophagid borings
 - 1 *Phelopteria linguiformis* (Evans&Shumard)
 - 34 *Syncylonema simplicus* (Conrad)
 - 3 *Camptonectes (Camptonectes) sp.*
 - 7 *Anomia (Anomia) argentaria* Morton
 - 1 *Anomia (Anomia) ornata* Gabb
 - 1 *Exogyra* sp.
 - 13 *Agerostrea falcata* (Gabb)
 - 14 *Cubitostrea tecticosta* (Gabb)
 - 10 *Pterotrionia (Scabrotrionia) eufaulensis* (Gabb)
 - 3 *Myrtea stephensoni* Gardner
 - 1 *Vetericardiella crenalirata* (Conrad)
 - 89 *Crassatella vadosa vadosa* Morton
 - 8 *Granocardium (Granocardium) kummeli* Weller
 - 19 *Trachycardium eufaulensis* (Conrad)
 - 30 *Cymbophora berryi* (Gardner)
 - 3 *Cymbophora wordeni* (Gardner)
 - 13 *Leptosolen biplicata* (Conrad)
 - 1 *Solya gardnerae* Stephenson
 - 5 *Tellinimera gabbi* Gardner
 - 2 *Tellina* sp.
 - 20 *Aenona eufaulensis* (Conrad)
 - 5 *Linearia metastriata* Conrad
 - 2 *Etea* sp.
 - 13 *Tenea parilis* Conrad
 - 2 *Glossus* sp.

LOCATION NO. 422 BRIGHTSEAT, PRINCE GEORGES CO., MD

3 *Cyclorisma parva* (Gardner)
3 *Cyprimeria depressa* Conrad
7 *Cyprimeria alta* Conrad
18 *Legumen ellipticum* Conrad
19 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
3 *Caesticorbula* (*Parmicorbula*) *percompressa* Gardner
2 *Claripholas pectorosa* (Conrad)
1 *Laternula* ? *robusta* Stephenson
11 *Liopistha protexta* Conrad
14 *Urceolabrum turberculatum callistum* Harbison
1 *Pseudomalaxis pateriformis* Stephenson
12 *Turritella* (*Sohlitella*) *trilira* (Conrad)
10 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
1 *Striaticostatum* sp.
2 *Belliscula* sp.
1 *Mesostoma* sp.
1 *Arrhoges* (*Latiala*) cf. *A. lobata* (Wade)
2 *Pterocerella tippana* (Conrad)
2 *Gyrodos spillmani* Gabb
2 *Polinices kummeli* Sohl
15 *Euspira rectilabrum* (Conrad)
5 *Mathilda* cf. *M. cedarensis* Stephenson
5 *Promathilda* (*Clathrobaculus*) cf. *P. (C.) parvula* Sohl
2 *Sargana stantoni* (Weller)
2 *Morea marylandica* Gardner
1 *Rhombopsis* sp.
1 *Bellifusus* sp.
1 *Drilluta* sp.
2 *Hercorhyncus* (*Hercorhyncus*) *pagodaformis* Sohl

7 *Remera flexicostata* Sohl
3 *Pyropsis* spp.
1 *Napulus* sp.
4 *Ancilla* (*Ancillus*) *acutula* (Stephenson)
2 *Liopeplum cretaceum* (Conrad)
1 *Caveola acuta speciosa* Sohl
1 *Paladmete laevis* Sohl
9 *Paladmete cancellaria* (Conrad)
1 *Remnita anomalocostata* (Wade)
2 *Remnita hastata* Sohl
4 *Beretra ripleyana* (Conrad)
1 *Acteon* sp.

52 *Ringicula* (*Ringiculella*) *clarki* Gardner
1 *Ellipsoscapha cylindrica* (Gardner)
1 *Acirsa* (*Hemiagirsa*) aff. *A. americana* (Wade)
4 *Eutrephoceras dekayi* (Morton)
9 *Discoscaphites conradi* (Morton) var.
16 *Sphenodiscus* sp.
1 *Cadulus obnutus* (Conrad)
56 *Dentalium leve* Stephenson

LOCATION NO. 422 BRIGHTSEAT, PRINCE GEORGES CO., MD
present Micrabacia spp.
present Bryozoa (branching)
present Hamulus squamosus Gabb
present Hamulus onyx Morton
present Shark parts
present Plant fragments

LOCATION NO. 423 BRIGHTSEAT, PRINCE GEORGES CO., MD

1. SEVERN FM
2. UPPERMOST
3. SOHL COLLECTION
4. SAND
5. GRAY
7. ARGILLACEOUS GLAUCONITIC
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE WELL PRESERVED
12. 38 deg. 54 min. 57 sec. NORTH
13. 76 deg. 51 min. 3 sec. WEST
14. 115 ft.
15. fauna:
 - 142 Nucula percrassa Conrad
 - 1 Nucula amica Gardner
 - 4 Nucula cunifrons Conrad
 - 25 Nuculana whitfieldi (Gardner)
 - 9 Nuculana rostrotruncata (Gardner)
 - 1 Perissonata protexta (Conrad)non Gabb
 - 1 Perissonata littlei Gardner
 - 5 Nemodon enfaulensis (Gabb)
 - 39 Striarca saffordi (Gardner)non Gabb
 - 4 Cucullaea (Idonearca) capax Conrad
 - 1 Cucullaea (Idonearca) n. sp. (Brightseat)
 - 142 Postligata wordeni Gardner
 - 26 Lycettia tippanus (Conrad)
 - 473 Crenella serica Conrad
 - 34 Modiolus sedesclaris Gardner
 - 2 Phelopteria linguiformis(Evans&Shumard)
 - 1 Pteria rhombica Gardner
 - 1 Tenuiptereus argenteus (Conrad)
 - 41 Syncylonema simplicus (Conrad)
 - 2 Camptonectes (Camptonectes) bubonis (Stephenson)
 - 1 Chlamys (Chlamys) cretosus (deFrance)
 - 122 Anomia (Anomia) argentaria Morton
 - 7 Lima (Lima) reticulata Lyell & Forbes
 - 12 Pycnodonte vesicularis Lamarck
 - 6 Exogyra costata spinifera Stephenson
 - 2 Gryphaeostrea vomer Morton
 - 297 Cubitostrea tecticosta (Gabb)
 - 5 Ostrea plumosa Morton
 - 204 Ostrea mesenterica Morton
 - 106 Pterotrignia (Scabrotrignia) eufaulensis (Gabb)
 - 16 Myrtea stephensoni Gardner
 - 1 Vetericardiella crenalirata (Conrad)
 - 160 Crassatella vadosa vadosa Morton
 - 1 Bathytormus pteropsis (Conrad)
 - 3 Uddenia texana Stephenson
 - 1 Protocardium (Pachycardium) spillmani (Conrad)
 - 1 Granocardium (Granocardium) kummeli Weller
 - 22 Trachycardium eufaulensis (Conrad)
 - 1 Mactrid n. sp.

LOCATION NO.	423 BRIGHTSEAT, PRINCE GEORGES CO., MD
24	<i>Cymbophora berryi</i> (Gardner)
5	<i>Cymbophora wordeni</i> (Gardner)
3	<i>Leptosolen biplicata</i> (Conrad)
2	<i>Leptosolen ? elongata</i> Weller
4	<i>Tellinimera buboana</i> Stephenson
5	<i>Tellina</i> sp.
2	<i>Tellina</i> n. sp. (smooth)
37	<i>Aenona eufaulensis</i> (Conrad)
3	<i>Linearia metastriata</i> Conrad
9	<i>Veniella conradi</i> (Morton)
8	<i>Tenea parilis</i> Conrad
11	<i>Cyclorisma parva</i> (Gardner)
21	<i>Cyprimeria depressa</i> Conrad
11	<i>Cyprimeria alta</i> Conrad
5	<i>Legumen ellipticum</i> Conrad
25	<i>Corbula monmouthensis</i> Gardner
7	<i>Corbula subradiata</i> Gardner
308	<i>Caesticorbula</i> (<i>Caesticorbula</i>) <i>crassaplica</i> (Gabb)
5	<i>Caesticorbula</i> (<i>Parmicorbula</i>) <i>terramaria</i> (Gardner)
89	<i>Caesticorbula</i> (<i>Parmicorbula</i>) <i>percompressa</i> Gardner
1	<i>Claripholas pectorosa</i> (Conrad)
1	<i>Opertochasma</i> sp.
2	<i>Liopistha protexta</i> Conrad
7	<i>Urceolabrum turberculatum callistum</i> Harbison
3	<i>Teinostoma</i> cf. <i>T. clara</i> Sohl
1	<i>Pseudomalaxis stantoni</i> Sohl
6	<i>Turritella</i> (<i>Sohlitella</i>) <i>trilira</i> (Conrad)
16	<i>Turritella</i> (<i>Sohlitella</i>) <i>bilira</i> (Stephenson)
3	<i>Turritella vertebroides</i> Morton
1	<i>Anteglosia tennesseensis</i> (Wade)
1	<i>Arrhoges</i> (<i>Latiala</i>) sp.
2	<i>Pterocerella tippana</i> (Conrad)
1	<i>Gyrodes supraplicatus</i> (Conrad)
4	<i>Gyrodes spillmani</i> Gabb
39	<i>Euspira rectilabrum</i> (Conrad)
5	<i>Mathilda</i> cf. <i>M. cedarensis</i> Stephenson
1	<i>Stantonella interrupta</i> (Conrad)
1	<i>Pyropsis perlata</i> Conrad
1	<i>Liopeplum cretaceum</i> (Conrad)
2	<i>Paladmete cancellaria</i> (Conrad)
2	<i>Beretra</i> sp.
1	<i>Fusimilis novemcostatus</i> (Conrad)
1	<i>Acteon</i> sp.
13	<i>Ringicula</i> (<i>Ringiculella</i>) <i>clarki</i> Gardner
3	<i>Cylichna incisa</i> Stephenson
1	<i>Eulima ? clara</i> Wade
12	<i>Creonella triplicata</i> Wade
6	<i>Creonella</i> cf. <i>C. subangulata</i> Sohl
5	<i>Sphenodiscus</i> sp.
3	<i>Cadulus obnatus</i> (Conrad)

LOCATION NO. 423 BRIGHTSEAT, PRINCE GEORGES CO., MD
2 Dentalium sp. (ribbed)
29 Dentalium leve Stephenson
present Micrabacia spp.
present Echinoid sp.
present Hamulus squamosus Gabb
present Hamulus onyx Morton
present Serpula sp.
present Crab parts
present Otolith

LOCATION NO. 430 LANHAM, PRINCE GEORGES CO., MD

1. SEVERN FM
2. UPPER
3. SOHL COLLECTION
4. SAND
5. GRAY
7. ARGILLACEOUS
9. MICACEOUS
10. FINE
11. MOLDS ONLY
12. 38 deg. 56 min. 48 sec. NORTH
13. 76 deg. 50 min. 35 sec. WEST
14. 120 ft.
15. fauna:
 - 1 Malletia longifrons (Conrad)
 - 8 Nuculana whitfieldi (Gardner)
 - 1 Nemonon enfaulensis (Gabb)
 - 8 Striarca saffordi (Gardner) non Gabb
 - 38 Postligata wordeni Gardner
 - 1 Mytilus? sp.
 - 1 Crenella serica Conrad
 - 3 Pinna (Pinna) sp.
 - 11 Syncylonema simplicus (Conrad)
 - 7 Cubitostrea tecticosta (Gabb)
 - 41 Pterotrignia (Scabrotrignia) eufaulensis moorei (Stephenson)
 - 25 Vetericardiella crenalirata (Conrad)
 - 11 Crassatella vadosa vadosa Morton
 - 2 Scambula perplana Conrad
 - 5 Trachycardium eufaulensis (Conrad)
 - 14 Cymbophora berryi (Gardner)
 - 1 Cymbophora appressa (Gabb)
 - 3 Leptosolen biplicata (Conrad)
 - 8 Aenona eufaulensis (Conrad)
 - 21 Linearia metastriata Conrad
 - 23 Veniella conradi (Morton)
 - 5 Tenea parilis Conrad
 - 1 Cyclorisma parva (Gardner)
 - 2 Legumen ellipticum Conrad
 - 7 Corbula monmouthensis Gardner
 - 15 Caesticorbula (Caesticorbula) crassaplica (Gabb)
 - 1 Caesticorbula (Parmicorbula) percompressa Gardner
 - 1 Eufistulena sp.
 - 1 Liopistha protexta Conrad
 - 3 Urceolabrum turberculatum callistum Harbison
 - 9 Turritella (Sohlitella) bilira (Stephenson)
 - 2 Turritella hilgardi Sohl
 - 73 Cerithium aff. Cerithium weeksi Wade
 - 23 Arrhoges (Latiala) cf. A. lobata (Wade)
 - 1 Hercorhyncus (Hercorhyncus) sp.
 - 1 Remera flexicostata Sohl
 - 1 Paladmete cancellaria (Conrad)
 - 1 Oligoptycha sp.
 - 2 Creonella triplicata Wade

LOCATION NO. 430 LANHAM, PRINCE GEORGES CO., MD
2 Baculites sp.
2 Discoscaphites conradi (Morton) var.
6 Dentalium leve Stephenson
1 Micrabacia spp.
2 Hamulus onyx Morton
present Plant fragments

LOCATION NO. 440 ROUND BAY, ANNE ARUNDEL CO., MD

1. SEVERN FM
2. UPPER
3. SOHL COLLECTION
4. SAND
5. DARK GRAY
7. GLAUCONITIC
9. MICACEOUS
10. FINE
11. MOLDS ONLY
12. 39 deg. 2 min. 20 sec. NORTH
13. 76 deg. 34 min. 0 sec. WEST
14. 10 ft.

15. fauna:
 - 1 Trachycardium sp.
 - 1 Euspira sp.
 - 1 Neogastropods indeterminate
 - 2 Eutrephoceras dekayi (Morton)
 - 31 Baculites (Eubaculites) carinatus Morton
 - 25 Baculites sp.
 - 40 Discoscaphites conradi (Morton) var.
 - 3 Sphenodiscus sp.
 - 1 Micrabacia spp.
- present Plant fragments

LOCATION NO. 450 BETTERTON, KENT CO., MD

1. SEVERN FM
2. UPPER
3. SOHL COLLECTION
4. SAND
5. DARK GRAY
7. ARGILLACEOUS GLAUCONITIC
9. MICACEOUS
10. MEDIUM
11. MOLDS & PHOSPHATIC MOLDS
12. 39 deg. 19 min. 50 sec. NORTH
13. 76 deg. 1 min. 45 sec. WEST
14. 40 ft.

15. fauna:

- | | |
|---------|---|
| 60 | <i>Cucullaea (Idonearca) capax</i> Conrad |
| 4 | <i>Glycymeris rotundata</i> (Gabb) |
| 8 | <i>Botula conchafodentis</i> (Gardner) |
| 4 | <i>Lithophaga</i> sp. |
| 28 | <i>Syncylonema simplicus</i> (Conrad) |
| 1 | <i>Anomia (Anomia) argentaria</i> Morton |
| 1 | <i>Anomia (Anomia) ornata</i> Gabb |
| 2 | <i>Pycnodonte vesicularis</i> Lamarck |
| 9 | <i>Cubitostrea tecticosta</i> (Gabb) |
| 89 | <i>Ostrea mesenterica</i> Morton |
| 2 | <i>Pterotrigonina (Scabrotrigonina) thoracica</i> (Morton)? |
| 1 | <i>Pterotrigonina (Scabrotrigonina) eufaulensis moorei</i> (Stephenson) |
| 14 | <i>Crassatella vadosa vadosa</i> Morton |
| 1 | <i>Granocardium (Granocardium) sp.</i> |
| 2 | <i>Trachycardium eufaulensis</i> (Conrad) |
| 2 | <i>Cardium</i> sp. |
| 11 | <i>Veniella conradi</i> (Morton) |
| 8 | <i>Eufistulena</i> sp. |
| 1 | cf. <i>Corymya tennis</i> Whitfield |
| 1 | <i>Turritella (Sohlitella) bilira</i> (Stephenson) |
| 10 | <i>Turritella paravertebroides</i> Gardner |
| 19 | <i>Turritella</i> sp. |
| 1 | <i>Arrhoges (Latiala) sp.</i> |
| 1 | <i>Pyropsis</i> spp. |
| 1 | <i>Paladmete laevis</i> Sohl |
| 1 | <i>Acteon cicatricosus</i> Sohl |
| 9 | <i>Baculites</i> sp. (smooth-ovate) |
| 1 | <i>Discoscaphites conradi</i> (Morton) var. |
| 2 | <i>Sphenodiscus</i> sp. |
| 2 | <i>Dentalium</i> sp. (ribbed) |
| 1 | <i>Hamulus squamosus</i> Gabb |
| present | <i>Serpula</i> sp. |
| present | Crab parts |
| present | Shark parts |

LOCATION NO. 465 TINTON FALLS, MONMOUTH CO., NJ

1. TINTON FM
3. SOHL COLLECTION
4. SANDSTONE
5. GREEN GRAY
7. SIDERITIC GLAUCONITIC
10. COARSE
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 40 deg. 18 min. 15 sec. NORTH
13. 74 deg. 6 min. 7 sec. WEST
14. 35 ft.

15. fauna:

- | | |
|---------|---|
| 2 | <i>Cucullaea (Idonearca) capax</i> Conrad |
| 4 | <i>Glycymeris rotundata</i> (Gabb) |
| 1 | <i>Pteria</i> sp. |
| 21 | <i>Syncylonema simplicus</i> (Conrad) |
| 1 | <i>Camptonectes (Camptonectes)</i> sp. |
| 26 | <i>Pecten (Pecten?) venustus</i> Morton |
| 3 | <i>Lima (Lima) reticulata</i> Lyell & Forbes |
| 20 | <i>Pycnodonte vesicularis</i> Lamarck |
| 1 | <i>Exogyra</i> sp. |
| 18 | <i>Gryphaeostrea vomer</i> Morton |
| 1 | <i>Ostrea plumosa</i> Morton |
| 44 | <i>Ostrea mesenterica</i> Morton |
| 1 | <i>Pterotrignia (Scabrotrignia) angulicostata</i> (Gabb) |
| 1 | <i>Protocardium (Pachycardium)</i> sp. |
| 4 | <i>Granocardium (Granocardium) kummeli</i> Weller |
| 1 | <i>Cymbophora</i> sp. |
| 2 | <i>Veniella conradi</i> (Morton) |
| 1 | <i>Glossus</i> sp. |
| 4 | <i>Calliomphalus (Calliomphalus) americanus</i> Wade |
| 1 | <i>Calliomphalus (Planolateralis) microancelli</i> Stephenson |
| 1 | <i>Turritella (Sohlitella) bilira</i> (Stephenson) |
| 7 | <i>Turritella</i> sp. |
| 1 | <i>Striaticostatum sillimani</i> (Morton) |
| 1 | <i>Arrhoges (Latiala) cf. A. lobata</i> (Wade) |
| 3 | <i>Euspira rectilabrum</i> (Conrad) |
| 1 | <i>Pyrifusus</i> sp. |
| 1 | <i>Drilluta cf. buboanus</i> Sohl |
| 1 | <i>Hercorhyncus (Hercorhyncus) pagodaformis</i> Sohl |
| 1 | <i>Pyropsis</i> spp. |
| 1 | <i>Anisomyon?</i> sp. |
| 3 | <i>Sphenodiscus lobatus</i> (Toumey) |
| present | <i>Clione</i> sp. |
| present | Bryozoa (branching) |
| present | Crab parts |

LOCATION NO. 470 PORICY BROOK, MONMOUTH CO., NJ

1. SANDY HOOK MBR,
2. LOWER
3. SOHL COLLECTION
4. SAND
5. GRAY
6. POORLY SORTED
7. ARGILLACEOUS GLAUCONITIC
9. MICACEOUS
10. FINE-MEDIUM
11. CALCITE AND MUSHY ARAGONITE
12. 40 deg. 22 min. 8 sec. NORTH
13. 74 deg. 7 min. 2 sec. WEST
14. 75 ft.
15. fauna:
 - 5 *Nucula percrassa* Conrad
 - 11 *Nucula amica* Gardner
 - 85 *Nuculana whitfieldi* (Gardner)
 - 1 *Nemodon enfaulensis* (Gabb)
 - 4 *Striarca saffordi* (Gardner) non Gabb
 - 6 *Limopsis* sp.
 - 59 *Crenella serica* Conrad
 - 4 *Crenella elegantula* Meek & Hayden
 - 3 *Modiolus sedesclaris* Gardner
 - 1 *Gervillia ensiformis* (Conrad)
 - 9 *Syncylonema simplicus* (Conrad)
 - 13 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 13 *Pecten* (*Pecten*?) *venustus* Morton
 - 5 *Anomia* (*Anomia*) *argentaria* Morton
 - 26 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 33 *Cubitostrea tecticosta* (Gabb)
 - 21 *Ostrea mesenterica* Morton
 - 1 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 6 *Nymhalucina* ? *linearea* (Stephenson)
 - 4 *Vetericardiella crenalirata* (Conrad)
 - 4 *Cymbophora berryi* (Gardner)
 - 1 *Veniella conradi* (Morton)
 - 2 *Corbula monmouthensis* Gardner
 - 7 *Caesticorbula* (*Caesticorbula*) *crassaplica* (Gabb)
 - 1 *Turritella* (*Sohlitella*) *bilira* (Stephenson)
 - 1 *Turritella vertebroides* Morton
 - 2 *Cerithium* aff. *Cerithium weeksi* Wade
 - 1 *Morea marylandica* Gardner
 - 1 *Drilluta* sp.
 - 1 *Napulus* sp.
 - 1 *Oligoptycha* sp.
 - 3 *Baculites* sp.
 - present Ammonite fragments
 - 8 *Dentalium* *leve* Stephenson
 - 1 Trochocyathid coral
 - 1 *Micrabacia* spp.
 - present Bryozoa (branching)
 - 1 *Hamulus onyx* Morton
 - present Fish parts

LOCATION NO. 470 PORICY BROOK, MONMOUTH CO., NJ
present Shark parts
present Otolith

LOCATION NO. 472 WATER WITCH STATION, MONMOUTH CO., NJ

1. SANDY HOOK MBR,
2. LOWER
3. STEPHENSON COLLECTION
4. SAND
5. GRAY
6. AVERAGE
8. CLAYEY
9. MICACEOUS
10. FINE
11. CALCITE AND ARAGONITE FILM ON MOLDS
12. 40 deg. 24 min. 32 sec. NORTH
13. 74 deg. 0 min. 16 sec. WEST
14. 90 ft.
15. fauna:
 - 1 Nucula amica Gardner
 - 21 Nuculana whitfieldi (Gardner)
 - 3 Nemodon enfaulensis (Gabb)
 - 5 Crenella serica Conrad
 - 2 Crenella elegantula Meek & Hayden
 - 5 Camptonectes (Camptonectes) sp.
 - 7 Pecten (Pecten?) venustus Morton
 - 3 Lima (Lima) reticulata Lyell & Forbes
 - 3 Cubitostrea tecticosta (Gabb)
 - 29 Ostrea mesenterica Morton
 - 1 Nymphalucina ? linearea (Stephenson)
 - 2 Vetericardiella crenalirata (Conrad)
 - 2 Protocardium (Brevicardium) sp.
 - 5 Cymbophora berryi (Gardner)
 - 1 Leptosolen biplicata (Conrad)
 - 1 Caesticorbula (Caesticorbula) crassaplica (Gabb)
 - 4 Cerithium aff. Cerithium weeksi Wade
 - 1 Morea marylandica Gardner
 - 1 Dolicholatirus sp.
 - 1 Pyropsis spp.
 - 1 Eutrephoceras dekayi (Morton)
 - present Ammonite fragments
 - 3 Dentalium leve Stephenson
 - 1 Hamulus onyx Morton
 - present Fish parts

LOCATION NO. 474 MIDDLETON, MONMOUTH CO., NJ

1. SANDY HOOK MBR,
2. LOWER
3. SOHL COLLECTION
4. SAND
5. GRAY
6. POORLY SORTED
7. ARGILLACEOUS GLAUCONITIC CARBONACEOUS
9. COARSE MICA
10. FINE-MEDIUM
11. MOLDS ONLY
12. 40 deg. 23 min. 47 sec. NORTH
13. 74 deg. 6 min. 56 sec. WEST
14. 90 ft.
15. fauna:
 - 2 *Nucula amica* Gardner
 - 3 *Nucula cunifrons* Conrad
 - 301 *Nuculana whitfieldi* (Gardner)
 - 1 *Perissonata protexta* (Conrad)non Gabb
 - 5 *Perissonata littlei* Gardner
 - 14 *Nemodon enfaulensis* (Gabb)
 - 1 *Nemodon stantoni* Gardner
 - 33 *Striarca saffordi* (Gardner)non Gabb
 - 2 *Cucullaea* (*Idonearca*) *littlei* Gabb
 - 7 *Limopsis* sp.
 - 1 *Glycymeris* sp.
 - 2 *Postligata wordeni* Gardner
 - 35 *Crenella serica* Conrad
 - 1 *Lithophaga* sp.
 - 1 *Pteria rhombica* Gardner
 - 1 *Gervillia ensiformis* (Conrad)
 - 3 *Camptonectes* (*Camptonectes*) *bubonis* (Stephenson)
 - 1 *Pecten* (*Pecten?*) *venustus* Morton
 - 3 *Anomia* (*Anomia*) *argentaria* Morton
 - 12 *Lima* (*Lima*) *reticulata* Lyell & Forbes
 - 1 *Pycnodonte vesicularis* Lamarck
 - 1 *Exogyra costata* Say
 - 1 *Gryphaeostrea vomer* Morton
 - 63 *Cubitostrea tecticosta* (Gabb)
 - 89 *Ostrea mesenterica* Morton
 - 1 *Pterotrignia* (*Scabrotrignia*) *angulicostata* (Gabb)
 - 9 *Pterotrignia* (*Scabrotrignia*) *eufaulensis* (Gabb)
 - 30 *Nymhalucina* ? *linearea* (Stephenson)
 - 12 *Lucina parvetineata* Schumard
 - 20 *Unicardium* sp.
 - 12 *Vetericardiella crenalirata* (Conrad)
 - 7 *Uddenia texana* Stephenson
 - 2 *Granocardium* (*Granocardium*) *kummeli* Weller
 - 4 *Trachycardium eupaulensis* (Conrad)
 - 51 *Cymbophora berryi* (Gardner)
 - 20 *Cymbophora wordeni* (Gardner)
 - 1 *Tellinimera buboana* Stephenson
 - 1 *Aenona eupaulensis* (Conrad)
 - 9 *Veniella conradi* (Morton)

LOCATION NO.	474 MIDDLETON, MONMOUTH CO., NJ
5	<i>Tenea parilis</i> Conrad
2	<i>Legumen ellipticum</i> Conrad
2	<i>Corbula monmouthensis</i> Gardner
15	<i>Caesticorbula</i> (<i>Caesticorbula</i>) <i>crassaplica</i> (Gabb)
1	<i>Caesticorbula</i> (<i>Parmicorbula</i>) <i>percompressa</i> Gardner
2	<i>Opertochasma</i> sp.
12	<i>Liopistha protexta</i> Conrad
1	<i>Ataphrus</i> n. sp.
2	<i>Urceolabrum turberculatum callistum</i> Harbison
4	<i>Margaritella pumila</i> Stephenson
3	<i>Turritella</i> (<i>Sohlitella</i>) <i>trilira</i> (Conrad)
19	<i>Turritella vertebroides</i> Morton
10	<i>Cerithium</i> aff. <i>Cerithium weeksi</i> Wade
3	<i>Striaticostatum sparsum</i> Sohl
1	<i>Xenophora leprosa</i> (Morton)
3	<i>Arrhoges</i> (<i>Latiala</i>) cf. <i>A. lobata</i> (Wade)
2	<i>Anchura</i> cf. <i>A. abrupta</i> Conrad
1	<i>Gyrodes supraplicatus</i> (Conrad)
7	<i>Euspira rectilabrum</i> (Conrad)
2	<i>Amaurellina stephensoni</i> (Wade)
1	<i>Tuba</i> sp.
1	<i>Sargana</i> sp.
5	<i>Stantonella</i> sp.
7	<i>Bellifusus curvicostatus</i> (Wade)
1	<i>Hercorhyncus</i> (<i>Hercorhyncus</i>) sp.
1	<i>Napulus octoliratus</i> Conrad
1	<i>Paleofusimitra</i> sp.
2	<i>Volutomorpha</i> sp.
10	<i>Paladmete laevis</i> Sohl
7	<i>Paladmete cancellaria</i> (Conrad)
5	<i>Remnita</i> cf. <i>R. biacuminata</i> (Wade)
2	Neogastropods indeterminate
16	<i>Acteon</i> sp.
10	<i>Ringicula</i> (<i>Ringiculella</i>) <i>clarki</i> Gardner
11	<i>Oligoptycha</i> sp.
2	<i>Ellipsoscapha mortoni</i> (Forbes)
1	<i>Eutrephoceras dekayi</i> (Morton)
8	<i>Baculites</i> (<i>Eubaculites</i>) <i>carinatus</i> Morton
1	<i>Discoscaphites conradi</i> (Morton) var.
18	<i>Dentalium leve</i> Stephenson
4	<i>Micrabacia</i> spp.
present	Bryozoa (encrusting)
present	Bryozoa (branching)
present	Echinoid sp.
1	<i>Hamulus onyx</i> Morton
present	<i>Serpula</i> sp.
present	Plant fragments

LOCATION NO. 480 BEERS HILL, MONMOUTH CO., NJ

1. TINTON FM
3. SOHL COLLECTION
4. SANDSTONE
5. GREEN GRAY
7. SIDERITIC GLAUCONITIC
10. COARSE
11. CALCITE AND ARAGONITE REPLACED BY CALCITE
12. 40 deg. 23 min. 32 sec. NORTH
13. 74 deg. 11 min. 10 sec. WEST
14. 285 ft.

15. fauna:
 - 5 Glycymeris rotundata (Gabb)
 - 2 Ostrea mesenterica Morton
 - 9 Pterotrignia (Scabrotrignia) cerulea Whitfield
 - 3 Crassatella vadosa vadosa Morton
 - 2 Protocardium (Pachycardium) sp.
 - 16 Granocardium (Granocardium) kummeli Weller
 - 1 Veniella conradi (Morton)
 - 2 Aphrodina (Aphrodina) ? sp.
 - 1 Turritella sp.
 - 2 Neogastropods indeterminate
 - 1 Sphenodiscus sp.