

## Appendix

Taxon name	EMG	Log10 biomass
<i>Abra (Abra) petropolitana</i> Stenzel 1957	infaunal suspension	3.60323
<i>Aciculiscala acuta</i> Sohl 1963	carnivore	2.43411
<i>Acirsa (Hemiacirsa) americana</i> (Wade 1926)	carnivore	4.93249
<i>Acirsa (Hemiacirsa) clathrata</i> Sohl 1964	carnivore	4.41426
<i>Acirsa (Hemiacirsa) flexicostata</i> Sohl 1964	carnivore	5.00577
<i>Acteon cicatricosus</i> Sohl 1964	carnivore	3.33312
<i>Acutostrea plumosa</i> (Morton 1833)	epifaunal suspension	5.01807
<i>Aenona eufaulensis</i> (Conrad 1860)	infaunal deposit	4.7053
<i>Agaronia alabamensis</i> (Conrad 1833)	carnivore	5.41674
<i>Agaronia bombylis</i> (Conrad 1833)	carnivore	4.66169
<i>Agerostrea falcata</i> (Morton 1827)	epifaunal suspension	5.39048
<i>Agerostrea mesenterica</i> (Morton 1834)	epifaunal suspension	5.17104
<i>Amaurellina</i> n. sp. Sohl & Koch	carnivore	no data
<i>Ambigostrea tecticosta</i> (Gabb 1860)	epifaunal suspension	4.64093
<i>Amuletum ? costatum</i> Sohl 1964	carnivore	3.91253
<i>Amuletum fasciolatum</i> (Wade 1926)	carnivore	4.31131
<i>Anadara cretacea</i> (Conrad 1869)	infaunal suspension	4.15327
<i>Ancilla staminea</i> (Conrad 1832)	carnivore	5.46834
<i>Ancilla staminea punctulifera</i> (Gabb 1860)	carnivore	4.80477
<i>Ancillus acutula</i> (Stephenson 1941)	carnivore	4.01107
<i>Ancistrosyrinx bastropensis</i> (Harris 1937)	carnivore	4.1254
<i>Anomalofusus lemniscatus</i> Sohl 1964	carnivore	4.59419
<i>Anomia argentaria</i> Morton 1833	epifaunal suspension	5.55608
<i>Anomia ephippioides</i> Gabb 1860	epifaunal suspension	5.79873
<i>Anomia ornata</i> Gabb 1876	epifaunal suspension	4.88662
<i>Aphrodina tippana</i> (Conrad 1858)	infaunal suspension	6.03583
“ <i>Aporrhaid</i> n. gen., n. sp. (MD)” Sohl & Koch OFR	infaunal suspension	no data
<i>Architectonica (Granosolarium) coffea</i> Sohl 1964	carnivore	3.95577
<i>Architectonica (Granosolarium) meekana</i> Gabb 1860	carnivore	4.64681
<i>Architectonica (Stellaxis) alveata</i> (Conrad 1833)	carnivore	5.26839
<i>Architectonica (Stellaxis) elaborata</i> (Conrad 1833)	carnivore	5.34353
<i>Architectonica fungina</i> Conrad 1833	carnivore	4.2444
<i>Architectonica</i> sp. A Nelson 1975	carnivore	no data
<i>Architectonica</i> sp. B Nelson 1975	carnivore	no data
<i>Architectonica</i> sp. C Nelson 1975	carnivore	no data
<i>Arrhoges (Latiala) lobata</i> (Wade 1926)	infaunal suspension	5.48956
<i>Ascaulocardium armatum</i> (Morton 1833)	infaunal suspension	no data
<i>Astarte? culebrensis</i> (Stephenson 1941)	infaunal suspension	3.21012
<i>Ataphrus</i> n. sp. Sohl & Koch OFR	unknown	no data
<i>Athleta lisbonensis forma crockettensis</i> (Plummer 1933)	carnivore	5.2382
<i>Athleta petrosus</i> (Conrad 1833)	carnivore	5.7329
<i>Athleta sayanus</i> (Conrad 1833)	carnivore	5.90517
<i>Balcis exilis</i> (Gabb 1860)	carnivore	3.23741
<i>Balcis tenua</i> (Gabb 1860)	carnivore	2.67704
<i>Barbatia carolinensis</i> (Conrad 1875)	infaunal suspension	5.50573
<i>Barbatia uxorispalmeri</i> Stenzel & Krause 1957	infaunal suspension	5.39048
<i>Bathytormus protectus</i> (Conrad 1832)	infaunal suspension	6.04587
<i>Bathytormus pteropsis</i> (Conrad 1860)	infaunal suspension	5.49948
<i>Bellifusus angulicostata</i> Sohl 1964	carnivore	5.59038
<i>Bellifusus curvicostatus</i> (Wade 1926)	carnivore	5.65717
<i>Bellifusus</i> sp. Sohl 1964	carnivore	4.99053
<i>Beretra ripleyana</i> (Conrad 1858)	carnivore	5.536
<i>Bonellitia parilis</i> Palmer 1937	carnivore	4.22141
<i>Botula conchafodentis</i> (Gardner 1916)	epifaunal suspension	4.30624
<i>Botula lingua</i> Gardner 1916	epifaunal suspension	3.7005
<i>Buccinopsis crassicostata</i> (Gabb 1876)	carnivore	5.54497
<i>Buccitriton sagenum</i> (Conrad 1833)	carnivore	4.6499
<i>Buccitriton texanum</i> (Gabb 1860)	carnivore	4.3407
<i>Bullata larvata</i> (Conrad 1833)	carnivore	4.97577
<i>Bullata semen</i> (I. Lea 1833)	carnivore	3.864
<i>Bullata semenoides</i> (Gabb 1860)	carnivore	3.2905
<i>Caestocorbula crassiplica</i> (Gabb 1860)	infaunal suspension	3.34157
<i>Caestocorbula murchisonii</i> (I. Lea 1833)	infaunal suspension	3.34157
<i>Calliomphalus (Calliomphalus) paucispirilus</i> Sohl 1964	grazer	4.44601

## Appendix. Continued.

Taxon name	EMG	Log10 biomass
Calliophthalmus (Planolateralus) tuberculosus Sohl 1964	grazer	4.10867
Callista (Callista) perovata (Conrad 1833)	infaunal suspension	5.79873
Callista (Callista) perovata lisbonensis (Harris 1919)	infaunal suspension	5.01807
Callista (Costacallista) aequorea (Conrad 1833)	infaunal suspension	5.43009
Callista (Costacallista) mortoni (Conrad 1834)	infaunal suspension	5.5419
Calorhadia (Calorhadia) compsa (Gabb 1860)	infaunal deposit	5.46849
Calorhadia (Litorhadia) petropolitana Stenzel & Krause 1957	infaunal deposit	3.42209
Calorhadia (Litorhadia?) evanescentior Stenzel & Krause 1957	infaunal deposit	3.66891
Calyptrophorus velatus (Conrad 1833)	grazer	5.60329
Camptonectes argillensis (Conrad 1860)	epifaunal suspension	4.38975
Camptonectes bubonis (Stephenson 1941)	epifaunal suspension	5.21812
Camptonectes burlingtonensis (Gabb 1860)	epifaunal suspension	6.25528
Cantharus (Cantharus) lemniscatus Sohl 1964	carnivore	5.16937
Caricella bolaris (Conrad 1833)	carnivore	5.37631
Caricella pyruloides (Conrad 1832)	carnivore	5.90517
Caryocorbula alabamiensis (I. Lea 1833)	infaunal suspension	3.7005
Caryocorbula densata (Conrad in Wailes 1854)	infaunal suspension	4.66995
Caryocorbula deussenii (Gardner 1945)	infaunal suspension	4.13138
Caveola acuta (Wade 1926)	carnivore	4.65944
Caveola acuta speciosa Sohl 1964	carnivore	4.23155
Cerithiella aequalirata Dockery 1993	carnivore	3.32939
Cerithiella n. sp. Sohl 1964	carnivore	3.33436
Cerithioderma nodosa Dockery 1993	epifaunal suspension	4.90827
Chlamys deshayesii (I. Lea 1833)	epifaunal suspension	5.50206
Cirsochilus (Claibornia) lineatum (I. Lea 1833)	grazer	3.45474
Cirsotrema (Coroniscala) linteum (Conrad 1860)	carnivore	5.3216
Cirsotrema (Coroniscala) nassulum (Conrad 1833)	carnivore	4.7995
Clavipholas pectorosa (Conrad 1852)	boring suspension	5.23191
Cochlespira engonata (Conrad 1865)	carnivore	5.12023
Cochlespirella nana (I. Lea 1833)	carnivore	3.58476
Coffee (Neo)gastropod sp. 10 Kosnik, pers. opin.	carnivore	no data
Coffee (Neo)gastropod sp. 11 Kosnik, pers. opin.	carnivore	no data
Coffee (Neo)gastropod sp. 4 Kosnik, pers. opin.	carnivore	2.9981
Coffee (Neo)gastropod sp. 5 Kosnik, pers. opin.	carnivore	4.291
Coffee (Neo?)gastropod sp. 2 Kosnik, pers. opin.	carnivore	no data
Coffee Arcoid sp. 1 Kosnik, pers. opin.	unknown	no data
Coffee Camptonectes sp. 1 (inflated) Kosnik, pers. opin.	epifaunal suspension	no data
Coffee Camptonectes sp. 2 (flat) Kosnik, pers. opin.	epifaunal suspension	no data
Coffee Cardiidae sp. 1 Kosnik, pers. opin.	infaunal suspension	3.14125
Coffee Cardiidae sp. 2 Kosnik, pers. opin.	infaunal suspension	no data
Coffee Exogyra sp. 1 Kosnik, pers. opin.	epifaunal suspension	no data
Coffee Gastropod sp. 8 Kosnik, pers. opin.	unknown	3.60499
Coffee Gastropod sp. 9 Kosnik, pers. opin.	unknown	3.93581
Coffee Inoceramus sp. 1 Kosnik, pers. opin.	epifaunal suspension	no data
Coffee Linearia sp. 1 Kosnik, pers. opin.	infaunal deposit	5.69312
Coffee Mitrid sp. 1 Sohl 1964	carnivore	3.77132
Coffee Nuculana sp. 1 Kosnik, pers. opin.	infaunal deposit	3.07094
Coffee Venerid sp. 3 Kosnik, pers. opin.	infaunal suspension	no data
Coffee Venerid sp. 4 Kosnik, pers. opin.	infaunal suspension	no data
Conomitra fusoides (I. Lea 1833)	carnivore	4.17393
Conus (Lithoconus) sauridens Conrad 1833	carnivore	6.30316
Corbula subradiata Gardner 1916	infaunal suspension	3.44144
Cornulina armigera (Conrad 1833)	carnivore	6.24318
Coronia genitiva (Casey 1904)	carnivore	3.94618
Cossmannia tennesseensis (Wade 1926)	grazer	3.66861
Crassatella hodgei (Stephenson 1923)	infaunal suspension	5.5419
Crassatella vadosa Morton 1833	infaunal suspension	5.80913
Crassostrea alabamiensis (Lea 1833)	epifaunal suspension	6.45905
Crassostrea frionis (Harris 1919)	epifaunal suspension	6.91257
Crenella elegantula Meek & Hayden 1862	epifaunal suspension	1.5259
Crenella serica Conrad 1860	epifaunal suspension	3.0369
Creonella n. sp. Sohl & Koch OFR	carnivore	no data
Creonella subangulata Sohl 1964	carnivore	3.51681
Creonella triplicata Wade 1917	carnivore	3.47885

## Appendix. Continued.

Taxon name	EMG	Log10 biomass
<i>Crepidula dumosa</i> Conrad 1834	epifaunal suspension	5.49293
<i>Crepidula lirata</i> Conrad 1833	epifaunal suspension	5.71223
<i>Cryptospira</i> ( <i>Euryentome</i> ) <i>silabra</i> (Palmer 1937)	carnivore	4.66377
<i>Cubitostrea petropolitana</i> Stenzel & Twining 1957	epifaunal suspension	5.43399
<i>Cyclorisma parva</i> (Gardner 1916)	infaunal suspension	2.8357
<i>Cyclostremiscus exacuus</i> (Conrad 1833)	grazer	4.2444
<i>Cylichna diversilirata</i> Sohl 1964	carnivore	4.33498
<i>Cylichna incisa</i> Stephenson 1941	carnivore	3.74979
<i>Cylichna?</i> sp. Sohl 1964	carnivore	3.01331
<i>Cymbophora appressa</i> (Gabb 1876)	infaunal suspension	5.01807
<i>Cymbophora berryi</i> (Gardner 1916)	infaunal suspension	4.90457
<i>Cymbophora wordeni</i> (Gardner 1916)	infaunal suspension	5.61123
<i>Cyprimeria alta</i> Conrad 1858	infaunal suspension	6.45905
<i>Cyprimeria depressa</i> Conrad 1860	infaunal suspension	5.61123
<i>Cyprimeria major</i> Gardner 1916	infaunal suspension	6.66353
<i>Diodora tenebrosa</i> (Conrad 1833)	grazer	5.63481
<i>Diplodonta</i> ( <i>Diplodonta</i> ) <i>petropolitana</i> Stenzel 1957	infaunal suspension	3.83351
<i>Diplodonta</i> ( <i>Diplodonta</i> ) <i>ungulina</i> (Conrad 1833)	infaunal suspension	4.27711
<i>Distorsio</i> ( <i>Personella</i> ) <i>septemdentata</i> Gabb 1860	carnivore	5.15707
<i>Doliocassis nupera</i> (Conrad 1833)	carnivore	5.3216
<i>Dorsanum scalatum</i> (Heilprin 1891)	carnivore	4.5186
<i>Drilluta distans</i> (Conrad 1860)	carnivore	5.34821
<i>Drilluta major</i> Wade 1916	carnivore	6.3059
<i>Ecphora proquadricostata</i> Wade 1917	carnivore	4.63119
<i>Elliposcapa cylindrica</i> (Gardner 1916)	carnivore	4.81217
<i>Entomope ponderi</i> Dockery 1993	infaunal deposit	2.69979
<i>Eoacteon ithyocheilus</i> Sohl 1964	carnivore	4.16093
<i>Eoacteon linteus</i> (Conrad 1858)	carnivore	4.65762
<i>Eodrillia texana</i> (Conrad 1865)	carnivore	3.40568
<i>Eomiltha pandata</i> (Conrad 1833)	infaunal chemosymbiont	5.79873
<i>Eopleurotoma sayi</i> (I. Lea 1833)	carnivore	4.25087
<i>Eosurcula moorei</i> (Gabb 1860)	carnivore	4.7358
<i>Epitonium faearium</i> Dockery 1993	carnivore	4.67872
<i>Eulima ? clara</i> Wade 1926	carnivore	4.08408
<i>Eulima extremis</i> Aldrich 1911	carnivore	2.94375
<i>Eulima gracilistylis</i> Sohl 1964	carnivore	4.58406
<i>Eulima monmouthensis</i> (Gardner 1916)	carnivore	3.76941
<i>Euspira rectilabrum</i> (Conrad 1858)	carnivore	4.80233
<i>Exogyra costata</i> Say 1820	epifaunal suspension	6.72025
<i>Exogyra costata spinifera</i> Stephenson 1941	epifaunal suspension	6.61923
<i>Exogyra ponderosa</i> Roemer 1849	epifaunal suspension	6.94772
<i>Exogyra upatoiensis</i> Stephenson 1914	epifaunal suspension	5.5419
<i>Ficopsis penita</i> (Conrad 1833)	carnivore	5.3663
<i>Ficopsis texana</i> (Harris 1895)	carnivore	4.87004
<i>Fulgerca attenuata</i> (Wade 1926)	carnivore	3.37314
<i>Fulgerca compressilirata</i> Sohl 1964	carnivore	3.48855
<i>Fusimilis novemcostatus</i> (Conrad 1858)	carnivore	5.74517
<i>Fusimilis tippanus</i> (Conrad 1858)	carnivore	5.72589
<i>Fusimitra polita</i> (Gabb 1860)	carnivore	4.31494
<i>Fusinus?</i> cf. <i>F. macnairyensis</i> (Wade 1926)	carnivore	4.4624
<i>Gastropoda</i> sp. 1 CoBabe & Allmon 1994	unknown	no data
<i>Gastropoda</i> sp. 2 CoBabe & Allmon 1994	unknown	no data
<i>Gegania antiquata striata</i> (I. Lea 1833)	carnivore	4.2444
<i>Gegania mississippiensis</i> Dockery 1993	carnivore	4.59896
<i>Gervilliopsis ensiformis</i> (Conrad 1858)	epifaunal suspension	7.6525
<i>Glycymeris idonea</i> (Conrad 1833)	infaunal suspension	5.43009
<i>Glycymeris microsulci</i> Wade 1926	infaunal suspension	4.98899
<i>Glycymeris rotundata</i> (Gabb 1860)	infaunal suspension	5.82741
<i>Glycymeris staminea</i> (Conrad 1833)	infaunal suspension	5.82741
<i>Glycymeris trigonella</i> (Conrad 1833)	infaunal suspension	4.02783
<i>Glycymeris trigonella minor</i> (I. Lea 1833)	infaunal suspension	4.3987
<i>Glyptotoma conradiana</i> (Aldrich 1895)	carnivore	3.74556
<i>Glyptotoma crassiplicata</i> (Gabb 1860)	carnivore	3.78798

## Appendix. Continued.

Taxon name	EMG	Log10 biomass
Goniocylichna elongata Sohl 1964	carnivore	4.10631
Graciliala decemlirata (Conrad 1858)	infaunal suspension	4.49209
Graciliala johnsoni (Stephenson 1923)	infaunal suspension	5.07485
Granocardium dumosum (Conrad 1870)	infaunal suspension	5.34957
Granocardium kummeli Weller 1907	infaunal suspension	5.85545
Granocardium lowei Stephenson 1955	infaunal suspension	4.15327
Gryphaeostrea vomer (Morton 1828)	epifaunal suspension	5.5419
Gymnentome unicarinata Dockery 1993	grazer	6.30923
Gyrodos major Wade 1926	grazer	5.48837
Gyrodos spillmani Gabb 1861	grazer	5.12102
Gyrodos supraplicatus (Conrad 1858)	grazer	6.19971
Hastula houstonia (Harris 1895)	carnivore	4.22307
Hastula venusta (I. Lea 1833)	carnivore	4.14346
Haustator carinata (Lea 1833)	infaunal suspension	4.98498
Haustator infans (Stenzel & Turner 1940)	infaunal suspension	3.63913
Hercorhyncus (Haplovoluta) bicarinatus (Wade 1917)	carnivore	5.66608
Hercorhyncus (Haplovoluta) triliratus Sohl 1964	carnivore	5.46122
Hercorhyncus (Hercorhyncus) pagodaformis Sohl 1964	carnivore	5.35416
Hercorhyncus (Hercorhyncus) tippanus Conrad 1860	carnivore	5.32571
Hesperiturris nodocarinatus 'var' (Gabb 1860)	carnivore	4.41111
Hesperiturris nodocarinatus (Gabb 1860)	carnivore	4.49051
Idonearca capax Conrad 1858	infaunal suspension	6.0596
Idonearca carolinensis (Gabb 1876)	infaunal suspension	5.93597
Idonearca littlei (Gabb 1877)	infaunal suspension	7.02607
Idonearca n. sp. (Brightseat) Sohl & Koch OFR	infaunal suspension	no data
Juliacorbula monmouthensis (Gardner 1916)	infaunal suspension	4.14238
Katherinella smithvillensis Stenzel & Krause 1957	infaunal suspension	5.14191
Lacinia alveata (Conrad 1833)	carnivore	6.47267
Lacrimiforma secunda (Wade 1926)	carnivore	3.14077
Laternula? robusta Stephenson 1941	infaunal suspension	6.03583
Latirus moorei (Gabb 1860)	carnivore	5.40513
Laxispira lumbricalis Gabb 1877	infaunal suspension	4.50726
Laxispira monilifera Sohl 1964	infaunal suspension	4.35841
Legumen ellipticum Conrad 1858	infaunal suspension	5.84151
Leionucula cuneifrons (Conrad 1860)	infaunal deposit	4.78951
Lemniscolittorina yonkersi Dockery 1993	carnivore	4.65367
Leptosolen ? elongata Weller 1907	infaunal suspension	5.07117
Leptosolen biplicatus (Conrad 1858)	infaunal suspension	6.10581
Levifusus mortoni (I. Lea 1833)	carnivore	4.74789
Levifusus mortonopsis (Gabb 1860)	carnivore	5.38574
Limopsis sp. 1 CoBabe & Allmon 1994	infaunal suspension	no data
Limopsis sp. 2 CoBabe & Allmon 1994	infaunal suspension	no data
Limopsis sp. 3 CoBabe & Allmon 1994	infaunal suspension	no data
Linearia cribelli Stephenson 1941	infaunal deposit	4.64093
Linearia magnoliensis Stephenson 1923	infaunal deposit	5.17104
Linearia metastrata Conrad 1860	infaunal deposit	4.3987
Linearia n. sp. (convex sulcate) Sohl & Koch OFR	infaunal deposit	no data
Linga (Cavilinga) pomilia (Conrad 1833)	infaunal chemosymbiont	3.7005
Linga (Cavilinga) pomilia alveata (Conrad 1833)	infaunal chemosymbiont	3.23301
Liopeplum canalis (Conrad 1858)	carnivore	5.88212
Liopeplum cretaceum (Conrad 1858)	carnivore	6.02213
Liopistha protexia (Conrad 1853)	carnivore	4.8437
Liothyris carolinensis Conrad 1875	infaunal deposit	5.85545
Lirodiscus tellinoides (Conrad 1833)	infaunal suspension	4.09781
Longoconcha dalli (Stephenson 1941) ?	carnivore	6.38215
Longoconcha tennesseensis (Wade 1926)	carnivore	6.77296
Lowenstamia cucullata Sohl 1964	carnivore	4.29611
Lucina (Recurvella) dolabra (Conrad 1833)	infaunal chemosymbiont	3.84745
Lycettia tippanus (Conrad 1858)	epifaunal suspension	5.17104
Lyrioclamys cretosus (deFrance in Brongniart 1822)	epifaunal suspension	6.11102
Mactrid n. sp. Sohl & Koch OFR	infaunal suspension	no data
Malletia littlei (Gardner 1916)	infaunal deposit	4.01578
Malletia longifrons (Conrad 1860)	infaunal deposit	4.71225
Malletia protexta (Conrad 1869) non Gabb	infaunal deposit	no data

## Appendix. Continued.

Taxon name	EMG	Log10 biomass
'Marginella' constricta (Conrad 1853)	carnivore	no data
Mathilda (Echinimathilda) corona Sohl 1960	carnivore	3.95601
Mathilda cedarensis Stephenson 1941	carnivore	3.40568
Mathilda claibornensis Aldrich 1887	carnivore	2.4966
Mathilda pentelira Dockery 1993	carnivore	2.70558
Mazzalina inaurata (Conrad 1833)	carnivore	5.50511
Mesalia claibornensis Harris 1895	infaunal suspension	5.08515
Mesalia vetusta (Conrad 1833)	infaunal suspension	5.07485
Michela trabeatooides (Harris 1895)	carnivore	5.51454
Microdrillia aldrichella Casey 1903	carnivore	3.4935
Modiolus sedesclaris Gardner 1916	epifaunal suspension	4.96261
Modiolus trigonus Gardner 1916	epifaunal suspension	4.44248
Morea cancellaria Conrad 1860	carnivore	5.36229
Morea corsicanensis depressa Sohl 1964	carnivore	5.40848
Morea marylandica Gardner 1916	carnivore	4.98516
Morea transenna Stephenson 1955	carnivore	5.10006
Murex vanuxemi silvaticus Palmer 1937	carnivore	4.53331
Myobarbum laevigatum Sohl 1963	carnivore	4.80028
Myrtea stephensoni Gardner 1916	infaunal chemosymbiont	3.5339
Napulus cf. N. fragilis Sohl 1964	carnivore	4.53756
"Natica" "(Naticarius)" semilunata I. Lea 1833	carnivore	4.62167
Neamphitomaria stantoni (Sohl 1960)	grazer	2.73807
Nemodon brevifrons Conrad 1875	epifaunal suspension	5.6445
Nemodon eufaulensis (Gabb 1860)	epifaunal suspension	4.64093
Nemodon grandis Wade 1926	epifaunal suspension	6.4244
Nemodon n. sp. (large) Sohl & Koch OFR	epifaunal suspension	no data
Nerita reticulirata Dockery 1993	grazer	3.41257
Neverita limula (Conrad 1833)	carnivore	5.48604
Notocorbula texana (Gabb 1860)	infaunal suspension	3.9409
Nozeba n. sp. Sohl & Koch OFR	grazer	no data
Nucula amica Gardner 1916	infaunal deposit	3.7005
Nucula magnifica (Conrad 1833)	infaunal deposit	4.96261
Nucula mauricensis Harris 1919	infaunal deposit	4.65553
Nucula ovula (I. Lea 1833)	infaunal deposit	3.84745
Nucula percrassa Conrad 1858	infaunal deposit	5.4144
Nucula perequalis Conrad 1860?	infaunal deposit	4.81211
Nucula stantoni Stephenson 1923	infaunal deposit	4.8437
Nuculana coelata (Conrad 1833)	infaunal deposit	5.1221
Nuculana rostratruncata (Gardner 1916)	infaunal deposit	4.74643
Nuculana whitfieldi (Gardner 1916)	infaunal deposit	3.44144
Nymphalucina linearia (Stephenson 1941)	infaunal chemosymbiont	3.21012
Nymphalucina parva (Stephenson 1923)	infaunal chemosymbiont	3.61998
Orthoyoldia psammotaea (Dall 1898)	infaunal deposit	4.90457
Pachecoa pulcra (Gabb 1860)	infaunal suspension	3.76137
Pachecoa sabinica (Harris 1919)	infaunal suspension	3.55159
Paladmete cancellaria (Conrad 1858)	carnivore	4.96967
Paladmete gardnerae Wade 1926	carnivore	4.6898
Paladmete laevis Sohl 1964	carnivore	4.49026
Palmerella dumblei (Harris 1895)	infaunal suspension	4.825
Palmerella pleboides (Vaughan 1895)	infaunal suspension	4.64681
Panopea monmouthensis Gardner 1916	infaunal suspension	6.85792
Paranomia scabra (Morton 1834)	epifaunal suspension	5.9869
Parmicorbula gibbosa (I. Lea 1833)	infaunal suspension	4.30624
Parmicorbula percompressa (Gardner 1916)	infaunal suspension	3.34157
Parmicorbula suffalciata (Wade 1926)	infaunal suspension	4.30624
Parmicorbula terramaria (Gardner 1916)	infaunal suspension	3.42209
Penion bellus (Conrad 1833)	carnivore	4.78316
Penion bellus leai (Palmer 1937)	carnivore	4.42108
Penion delabechii (I. Lea 1833)	carnivore	4.60801
Phacoides ? mattiformis (Stephenson 1941)	infaunal chemosymbiont	4.8437
Phelopteria linguiformis (Evans & Shumard 1854)	epifaunal suspension	4.64093
Pitar (Pitar) nuttali (Conrad 1834)	infaunal suspension	5.79873
Plagiarcia rhomboidella (I. Lea 1833)	infaunal suspension	4.12029
Pleuriocardia (Dochmocardia) eufaulensis (Conrad 1860)	infaunal suspension	5.1948



## Appendix. Continued.

Taxon name	EMG	Log10 biomass
<i>Plicatula filamentosa</i> (Conrad 1833)	epifaunal suspension	4.28689
<i>Pliciscala</i> ( <i>Cylindriscala</i> ) <i>albitesta</i> (Meyer & Aldrich 1886)	carnivore	4.18951
<i>Polinices aratus</i> (Gabb 1860)	carnivore	4.39758
<i>Polinices eminulus</i> (Conrad 1833)	carnivore	5.12517
<i>Polinices kummeli</i> Sohl 1960	carnivore	5.11088
<i>Postligata wordeni</i> Gardner 1916	infaunal suspension	3.81941
<i>Promathilda</i> ( <i>Clathrobaculus</i> ) <i>parvula</i> Sohl 1960	carnivore	3.59039
<i>Protobranch</i> N. Gen n. sp. (-p10) Sohl & Koch OFR	unknown	no data
<i>Protocardium</i> ( <i>Pachycardium</i> ) <i>spillmani</i> (Conrad 1869)	infaunal suspension	6.21437
<i>Protosurcula gabbii</i> (Conrad 1865)	carnivore	5.15374
<i>Pseudamaura lepta</i> Sohl 1964	carnivore	5.12668
<i>Pseudoclaviscala laevicosta</i> Dockery 1993	carnivore	4.22279
<i>Pseudoclaviscala rugacosta</i> Dockery 1993	carnivore	4.71744
<i>Pseudolimea pelagica</i> (Morton 1833)	epifaunal suspension	5.46849
<i>Pseudolimea reticulata</i> (Forbes 1845)	epifaunal suspension	4.2573
<i>Pseudomalaxis pateriformis</i> Stephenson 1955	carnivore	4.09603
<i>Pseudomalaxis pilsbryi</i> Harbison 1945	carnivore	3.52253
<i>Pteria rhombica</i> Gardner 1916	epifaunal suspension	6.21437
<i>Pterocera</i> <i>tippana</i> (Conrad 1858)	infaunal suspension	5.12576
<i>Pteropsella praelapidosa</i> (Stenzel & Krause 1957)	infaunal suspension	5.23191
<i>Pycnodonte vesicularis</i> (Lamarck 1806)	epifaunal suspension	6.5733
<i>Pyramimitra terebraeformis</i> (Conrad 1833)	carnivore	3.78033
<i>Pyrifusus crassus</i> Sohl 1964	carnivore	5.54616
<i>Pyrifusus subdensatus</i> Conrad 1858	carnivore	5.3447
<i>Pyropsis interstriatus</i> (Wade 1926)	carnivore	5.70922
<i>Pyropsis perlata</i> Conrad 1860	carnivore	6.01564
<i>Ranellina maclurii</i> (Conrad 1833)	carnivore	5.01219
<i>Remera flexicostata</i> Sohl 1964	carnivore	5.0243
<i>Remera juncea</i> (Gardner 1916)	carnivore	4.643
<i>Remera stephensoni</i> Harbison 1945?	carnivore	4.66343
<i>Remnita anomalocostata</i> (Wade 1926)	carnivore	5.00493
<i>Remnita hastata</i> Sohl 1964	carnivore	4.32038
<i>Retusa</i> ( <i>Cylichnina</i> ) <i>galba</i> (Conrad 1833)	carnivore	3.4058
<i>Retusa</i> ( <i>Cylichnina</i> ) <i>kelloyii</i> (Gabb 1860)	carnivore	3.49341
<i>Ringicula clarki</i> Gardner 1916	carnivore	4.3895
<i>Ringicula culbertsoni</i> Stephenson 1941	carnivore	4.69756
<i>Ringicula pulchella</i> Shumard 1861	carnivore	4.06551
<i>Ringicula trapequara</i> Harris 1895	carnivore	2.66337
<i>Sargana stantoni</i> (Weller 1907)	carnivore	5.78443
<i>Sassia carlea</i> Dockery 1993	carnivore	4.6054
<i>Scabrotrigonia angulicostata</i> (Gabb 1876)	infaunal suspension	5.1221
<i>Scabrotrigonia eufaulensis</i> (Gabb 1860)	infaunal suspension	5.46849
<i>Scabrotrigonia thoracica</i> (Morton 1834)	infaunal suspension	5.93597
<i>Scambula perplana</i> Conrad 1869	infaunal suspension	4.3987
<i>Serpulorbis major</i> (Chavan in Palmer 1937)	epifaunal suspension	no data
<i>Serpulorbis squamulosus</i> (Conrad in Morton 1834)	epifaunal suspension	4.87004
<i>Serrifusus</i> ? n. sp. Sohl & Koch OFR	carnivore	no data
<i>Sinum bilix</i> (Conrad 1833)	carnivore	4.6827
<i>Sinum declive</i> (Conrad 1833)	carnivore	5.15456
<i>Solariella cancellata</i> (Conrad 1833)	grazer	3.7409
<i>Solariella stalagmium</i> (Conrad 1833)	grazer	4.56608
<i>Solariella tricostata</i> (Conrad 1833)	grazer	4.16226
<i>Solariorbis clara</i> (Sohl 1960)	grazer	2.739
<i>Solyma elliptica</i> (Gabb 1861)	infaunal deposit	5.39048
<i>Solyma gardnerae</i> Stephenson 1941	infaunal deposit	5.25455
<i>Solyma levis</i> Stephenson 1923	infaunal deposit	5.9097
<i>Sourimis georgiana</i> (Gabb 1876)	infaunal deposit	5.43009
<i>Spisula parilis</i> (Conrad 1833)	infaunal suspension	3.7005
<i>Stantonella interrupta</i> (Conrad 1858)	carnivore	6.14206
<i>Stosicia</i> (s.l.) <i>antiqua</i> Dockery 1993	grazer	2.9804
<i>Striarca cuneata</i> Gabb	infaunal suspension	5.40648
<i>Striarca saffordi</i> (Gardner non Gabb)	infaunal suspension	3.13881
<i>Striarca umbonata</i> (Conrad 1875)	infaunal suspension	4.64093
<i>Striaticostatum micropunctatum</i> Dockery 1993	carnivore	4.78669

## Appendix. Continued.

Taxon name	EMG	Log10 biomass
<i>Sulcobuccinum vetusta</i> (Conrad 1865)	carnivore	5.26357
<i>Sulcobuccinum vetusta carinata</i> (Conrad in Gabb 1860)	carnivore	5.61388
<i>Sulcobuccinum vetusta forma</i> (Conrad 1833)	carnivore	4.22141
<i>Sulcobuccinum vetusta perspectiva</i> (Conrad in Gabb 1860)	carnivore	5.24307
<i>Syncyclonema simplicius</i> (Conrad 1860)	epifaunal suspension	3.6848
<i>Teinostoma texanum</i> Palmer 1937	grazer	3.2227
<i>Tellina</i> ( <i>Eurytellina</i> ) <i>mooreana</i> Gabb 1860	infaunal deposit	4.75985
<i>Tellina</i> ( <i>Eurytellina</i> ) <i>papyria</i> (Conrad 1833)	infaunal deposit	5.34957
<i>Tellina</i> ( <i>Moerella</i> ) <i>petropolitana</i> Stenzel & Krause 1957	infaunal deposit	5.23647
<i>Tellina n. sp.</i> (fine concentrics & cancellate post.) Sohl & Koch OFR	infaunal deposit	no data
<i>Tellina n. sp.</i> (smooth) Sohl & Koch OFR	infaunal deposit	no data
<i>Tellinimera buboana</i> Stephenson 1955	infaunal deposit	4.52568
<i>Tellinimera gabbi</i> Gardner 1916	infaunal deposit	2.4974
<i>Tenagodus vitis</i> (Conrad 1833)	epifaunal suspension	4.93634
<i>Tenea parilis</i> (Conrad 1860)	infaunal suspension	5.01807
<i>Tenuipteria argentea</i> (Conrad 1858)	epifaunal suspension	5.7085
<i>Terebra</i> ( <i>Mirula</i> ) <i>texagya</i> Harris 1895	carnivore	4.4348
<i>Thylacus cretaceus</i> Conrad 1860	epifaunal suspension	2.86704
<i>Tiburnus texanus</i> (Harris 1895)	grazer	2.92689
<i>Trichotropis squamosa</i> Gabb 1876	epifaunal suspension	5.52398
<i>Trigonostoma babylonicum</i> (Lea 1833)	carnivore	4.5601
<i>Trigonostoma gemmatum</i> (Conrad 1833)	carnivore	5.15367
<i>Trigonostoma penrosii</i> (Harris 1895)	carnivore	3.92022
<i>Tundora tuberculata</i> Stephenson 1941	infaunal suspension	4.59287
<i>Turricula</i> ( <i>Plentaria</i> ) <i>plenta</i> (Aldrich & Harris 1895)	carnivore	5.25189
<i>Turritella apita</i> de Gregorio 1890	infaunal suspension	4.3407
<i>Turritella bilira</i> Stephenson 1941	infaunal suspension	4.57192
<i>Turritella dutexata</i> (Harris 1895)	infaunal suspension	4.18951
<i>Turritella hilgardi</i> Sohl 1960	infaunal suspension	4.97461
<i>Turritella houstonia</i> Harris 1895	infaunal suspension	4.40597
<i>Turritella n. sp.</i> (Multilirate) Sohl & Koch OFR	infaunal suspension	no data
<i>Turritella nasuta</i> Gabb 1860	infaunal suspension	4.8917
<i>Turritella obruta</i> Conrad 1833	infaunal suspension	5.05325
<i>Turritella paravertebroides</i> Gardner 1916	infaunal suspension	no data
<i>Turritella quadrilira</i> Johnson 1898	infaunal suspension	5.21471
<i>Turritella tippiana</i> Conrad 1858	infaunal suspension	5.76695
<i>Turritella triliria</i> Conrad 1860	infaunal suspension	5.76499
<i>Turritella vertebroides</i> Morton 1834	infaunal suspension	6.0611
<i>Tympanotonus</i> ( <i>Exechocirsus</i> ) <i>cowickeensis</i> (Sohl 1964)	grazer	4.14445
<i>Tympanotonus</i> ( <i>Exechocirsus</i> ) <i>trilirus</i> Dockery 1993	grazer	4.4573
<i>Tympanotonus</i> ( <i>Tympanotonus</i> ) <i>binodosus</i> Dockery 1993	grazer	5.96974
<i>Uddenia texana</i> Stephenson 1941	infaunal suspension	2.80411
<i>Urceolabrum mantachieensis</i> Sohl 1964	unknown	3.77617
<i>Urceolabrum turberculatum callistum</i> Harbison 1945	unknown	3.9648
<i>Uromitra gracilis</i> (H.C. Lea 1941)	carnivore	3.37314
<i>Variseila meeki</i> (Wade 1926)	carnivore	3.52631
<i>Venericardia</i> ( <i>Clairbornicardia</i> ) <i>alticostata</i> (Conrad 1833)	infaunal suspension	6.24518
<i>Venericardia</i> ( <i>Pleuromeris</i> ) <i>parva</i> (I. Lea 1833)	infaunal suspension	3.3622
<i>Venericardia</i> ( <i>Venericardia</i> ) <i>rotunda</i> (I. Lea 1833)	infaunal suspension	4.7797
<i>Venericardia</i> ( <i>Venericor</i> ) <i>claiboplata</i> Gardner & Bowles 1939	infaunal suspension	6.37053
<i>Venericardia</i> ( <i>Venericor</i> ) <i>densata</i> (Conrad 1845)	infaunal suspension	5.5874
<i>Veniella conradi</i> (Morton 1833)	infaunal suspension	4.48478
<i>Vetericardiella crenalirata</i> (Conrad 1860)	infaunal suspension	3.17972
<i>Vokesula smithvillensis petropolitana</i> Stenzel & Twining 1957	infaunal suspension	3.34157
<i>Xenophora</i> ( <i>Xenophora</i> ) <i>leprosa</i> (Morton 1834)	grazer	5.90376
<i>Zikkuratia tabanneensis</i> Sohl 1963	carnivore	2.82959