

APPENDIX No. I.

Examples of Dredging Papers, selected in order to show the associations of species in the several regions. The numerous dredging operations on which this Report is founded were all registered in a similar manner.

The accentuated numbers in the column of "dead specimens" refer to the disunited valves of Conchifera and Brachiopoda.

I.				II.			
DateMay 29th, 1841.				DateSeptember 12, 1842.			
LocalityNonsa Bay, Paros.				Locality{ Gulf of Smyrna, off Mouth of Hermus.			
DepthFive to six fathoms.				Depth.....Seven fathoms.			
Distance from shore(Within the Bay.)				Distance from shoreHalf a mile.			
GroundMud and sandy mud.				Ground.....Dark mud.			
RegionII.				RegionII.			
Species.	No. of li- ving spec.	No. of dead spec.	Observations.	Species.	No. of li- ving spec.	No. of dead spec.	Observations.
Pinna squamosa.....	0	1	In sandy mud.	Pecten sulcatus	0	4'	Full grown valves.
Modiola tulipa	1	0		— varius	0	3'	Full size.
Pecten polymorphus. 4	6'			Modiola barbata	2	2'	Hitherto a fossil.
— hyalinus.....	1	0	In dark mud.	Solen tenuis	1	3'	
Nncula margaritacea. 0	40'			— coarctatus	0	8'	
Cytherea chione.....	0	1'		Thracia pubescens ...	2	3'	
— venetiana	1	3-5'		Ligula boysii	0	2'	Young speci- mens.
— apicalis	1	2-12'		Pandora obtusa	0	4'	
Artemis lincta.....	0	1'		Tellina donacina	5	10'	
Pullastra virginea ...	0	5'		Corbula nucleus	12	8-50'	
Venus verrucosa.....	0	5'		Cardium echinatum...	0	3'	All young.
Tellina donacina	0	1-3'		Artemis lincta	0	10'	
— balaustina	0	2'		Montacuta, sp.....	0	1	
Ligula boysii	0	2-10'	A strong valve.	Nucula margaritacea..	5	30	
Lucina lactea	0	2-38'		— emarginata	6	3-15'	
— squamosa	0	3'		Dentalium 9-costatum	6	30	New.
— rotundata	0	4'		Turritella terebra ...	6	12	
Cardium rusticum ...	0	1'		Parthenia elegantissi-	0	12	
— exiguum.....	3	7'	Washed in from shore.	Eulima subulata [ma	0	1	All young.
Cardita sulcata	0	1'		Bulla truncatula	0	4	
Patella scutellaris ...	0	1		— striatula	0	6	
Calyptrea sinense ...	0	2		Rissoa monodonta ...	0	8	
Bulla hydatis	0	1		Ringuicula auriculata.	0	5	
Turritella 3-plicata...	0	1		Pleurotoma formicaria	0	2	
Trochus canaliculatus	0	4		Cerithium angustis- simum	0	2	
Cerithium lima	0	3		Buccinum variable ...		0	10
— vulgatum	12	8		— granulatum.....	0	8	
Murex fistulosus.....	1	0	In dark mud.	Murex brandaris	0	2	
Aplysia depilans.....	1	0		Natica pulchella	0	2	
Ostræa plicatula.....	0	10'		Calyptrea sinense	2	18	
<i>Radiata</i> .—Asterias, sp. Ophiura albida. Holo- thuria tubulosa. Caryophyllia cyathus. Sponges. Several Crustacea. Five specimens of a Gobius. Plants.—Zostera oceanica. Caulerpa prolifera. Dictyomenia volubilis. Acetabularia.				<i>Radiata</i> .—Amphiura chiagi. Two specimens of Chi- rodota. Cucumaria pentactes, 2. No Zoophytes. Two species of Serpula. A few Annelides. Two Crustacea.			

III.

Date Aug. 17, 1841.
 Locality Bay of Vathy, Amorgo.
 Depth 10 to 15 fathoms.
 Distance from shore ... Within the port.
 Ground Sand, gravelly and shelly.
 Region III.

Species.	No. of living spec.	No. of dead spec.	Observations.
<i>Modiola tulipa</i>	0	1'	All very small.
<i>Pecten polymorphus</i> .	1	30'	
— opercularis.....	0	3'	
<i>Cardita trapezia</i>	0	1'	
— sulcata	0	3'	
<i>Cardium exiguum</i>	0	1'	
— papillosum	0	50'	
<i>Nucula margaritacea</i> ..	3	50'	
— emarginata.....	2	15	
<i>Ligula boysii</i>	0	50'	
<i>Lucina transversa</i>	0	1'	New. Hitherto a fossil.
— lactea	0	50'	
— hiatelloides.....	3	30	
<i>Pleurotoma attenuata</i>	0	1	
— ægeensis	7	1	
<i>Rissoa pulchella</i>	0	5	
<i>Trochus magnus</i>	0	1	
<i>Cerithium lima</i>	0	60	
<i>Merita viridis</i>	0	2	
<i>Natica millepunctata</i> .	0	2	
— guillemini [ma	0	1	New.
<i>Parthenia elegantissi</i> ..	0	10	
<i>Marginella clandestin</i>	0	1	
<i>Bulla striatula</i> [na	0	1	
— ovulata	0	2	
<i>Dentalium 9-costatum</i>	1	10	

Ophioderma lacertosa, one specimen. *Echino-
cyamus*, dead. A few Crustacea.

IV.

Date August 29, 1841.
 Locality Head of Cervi Bay, Morea.
 Depth 20 fathoms.
 Distance from shore ... One mile.
 Ground Weedy.
 Region III. (commencement of.)

<i>Modiola tulipa</i>	1	0	A young shell.
<i>Anomia ehippium</i> ...	0	1'	
<i>Pecten polymorphus</i> .	0	4'	Very small.
— opercularis.....	2	4'	
— pusio	1	1	Young specimens
<i>Cytherea apicalis</i>	0	2-3'	
<i>Cardium exiguum</i>	4	3'	Full size.
— lævigatum	0	1	
<i>Cardita trapezia</i>	5	3'	Young specimens
<i>Nucula emarginata</i> ...	0	3'	
<i>Arca lactea</i>	16	10'	
— tetragona	2	0	
— barbata	2	1	
<i>Ligula boysii</i>	0	1'	

Species.	No. of living spec.	No. of dead spec.	Observations.
<i>Tellina balaustina</i>	0	3'	
<i>Hiatella arctica</i>	2	0	
<i>Dentalium 9-costatum</i>	1	3	
<i>Natica valenciensis</i> ...	0	1	
<i>Chiton lævis</i>	1	0	
<i>Turbo rugosus</i>	4	1	
<i>Trochus crenulatus</i> ...	0	1	
— exiguus	4	2	
— ziziphiius	0	2	
<i>Cerithium vulgatum</i> ..	1	1	
— lima.....	0	1	New.
<i>Triforis adversum</i> [ni	0	1	
<i>Chenopus pes-peleca</i> ...	0	1	
<i>Nassa prismatica</i>	0	1	
<i>Columbella rustica</i> ...	0	2	
— linnæi	0	3	
<i>Fusus lignarius</i>	0	1	
— fasciarioides...	0	2	
<i>Murex cristatus</i>	0	2	
<i>Pleurotoma formicaria</i>	0	1	
— reticulataspinoza	1	0	{ In crevices of sponge.
<i>Mitra obsoleta</i>	0	1	
— savignii [træoides	0	2	
<i>Pleurobranchus calyp-</i>	0	2	

1 *Asterias*. 2 *Ophioderma lacertosa*.
 Many sponges, annellides and corallines.

V.

Date Sept. 14, 1842.
 Locality Gulf of Smyrna.
 Depth..... 26 fathoms.
 Distance from shore ... Two miles and a half.
 Ground Fine brown mud.
 Region III.

<i>Avicula tarentina</i>	3	3'	{ Full grown, adhering to each other.
<i>Hiatella arctica</i>	4	0	

Amphiura chiagii.
Plumulariæ and other *Sertulariadae* adhering, with small sponges, to the *Aviculæ*.

VI.

Date Sept. 16, 1842. [Smyrna.
 Locality Off Long Island, Gulf of
 Depth..... 28 fathoms.
 Distance from shore ... One mile and a half.
 Ground Yellow sand.
 Region III.

<i>Lucina spinifera</i>	1	2'	
<i>Ligula prismatica</i> ...	0	3	
<i>Pandora obtusa</i>	0	3	
<i>Astarte pusilla</i> ?	1	0	

Sertularian zoophytes.
Ophura texturata. *Comatula mediterranea*.

Note.—The two preceding dredges are examples selected from many such, of unprolific tracts in a

region usually fertile in living inhabitants. In this case a sea-bottom derived from the debris of fresh water tertiary formations seems to be the negative influence.

VII.

Date Dec. 1, 1841.
 Locality Port of Sumboli under Cra-
 Depth 30 fathoms. [gus, Lycia.
 Distance from shore ... Within the basin.
 Ground Ash-coloured mud.
 Region IV.

Species.	No. of li- ving spec.	No. of dead spec.	Observations.
Modiola tulipa.....	0	1'	It will be observed, that among the many testacea taken in this dredge, only two species occurred alive. The locality is a deep basin with a very shallow and narrow entrance, an indurated bar of sand and pebbles having formed across an inlet, the consequence of which has probably been the destruction of the greater number of mollusca which formerly inhabited it.
Lima tenera.....	0	1'	
Pecten jacobæus	0	frag.	
— polymorphus ...	0	10'	
— opercularis	0	2'	
Ostræa plicatula, jun.?	0	10'	
Arca noæ.....	0	frag.	
Pectunculus lineatus..	0	1'	
Nucula emarginata ...	0	2'	
— margaritacea ...	0	12'	
Cardita sulcata	0	1'	
— trapezia	0	1'	
Cardium lævigatum...	0	1'	
— papillosum	0	10'	
— exiguum	0	3'	
— echinatum	0	20'	
Venus ovata.....	0	2'	
— incompata?	0	1'	
Cytherea venetiæa	0	2'	
— apicalis	0	12'	
Lucina spinifera	0	10'	
— sinuosa	0	1'	
— commutata	0	1'	
Tellina donacina	0	2'	
Saxicava arctica	0	2	
Thracia pubescens ...	0	frag.	
Corbula nucleus	20	40'	
Ligula prismatica	0	6'	
— boysii	0	4'	
Solen coarctatus [uis	0	6'	
Gastrophænacuneifor-	0	2'	
Murex brandaris	0	frag.	
Aporrhais pes-pelecani	0	2	
Cerithium vulgatum...	0	1	
— lima.....	0	5	
Conus mediterraneus.	0	frag.	
Turritella 3-plicata ...	0	1	
Rissoa cimex	0	2	
Trochus exiguus	0	1	
— contourii.....	0	1	
— sanguineus	0	1	
Natica pulchella	0	1	
Bulla hydati	0	1	
Dentalium 9-costatum	2	5	
Bulimus acutus	0	1	

Leaves of olive and of *Quercus coccifer* were found imbedded in the mud. No zoophytes occurred.

VIII.

Date August 5. [Paros.
 Locality Off northern extremity of
 Depth..... 40 fathoms.
 Distance from shore ... Three miles and a half.
 Ground Weedy.
 Region V.

Species.	No. of li- ving spec.	No. of dead spec.	Observations.
Pecten pusio	5	4'	Small.
— opercularis	0	1	
Nucula margaritacea ..	0	2'	
Cytherea apicalis.....	0	1'	
Cardita squamosa	1	1'	
Cardium papillosum..	0	2	
Fusus fasciarioides ..	1	0	New.
Murex brandaris	0	3	
Vermetus gigas	0	1	
— corneus	3	0	New.
Trochus exiguus	8	2	
Turbo rugosus [dus	1	0	
Pleurobranchus sordi-	1	0	New.
Doris tenerrima	2		New.
— gracilis	2		
— coccinea	1		
Ascidia, four species.			
Aplidium, two species.			

Echinocyamus, alive and dead. Plumularia. Several Crustacea.
 Codium tomentosum.

IX.

Date October 11, 1841.
 Locality Off Cape Crio, Asia Minor.
 Depth..... 55 to 70 fathoms.
 Distance from shore ... Three-fourths of a mile.
 Ground Millepore.
 Region VI.

Pecten pes-felis	0	frag.	
— hyalinus	0	1'	
— pusio	0	2'	
Venus ovata.....	0	1'	
Cytherea apicalis.....	0	2-2'	
Lucina bipartita	0	3'	
Astarte incrassata	0	4'	
Cardita trapezia	0	2'	
Arca barbata	0	1'	
— lactea	0	1'	
Terebratula truncata ..	10	6-8'	
— detruicata	18	30-10'	
— seminulum	2	0	
Crania ringens.....	20	8'	
Fusus lavatus	5	2	
— crispatus.....	0	3	
— turritellatus	2	5	} hitherto only fossil.
Pleurotoma	0	frag.	
Columbella linnei ...	0	2	
Cerithium lima	0	2	

Species.	No. of living spec.	No. of dead spec.	Observations.	Species.	No. of living spec.	No. of dead spec.	Observations.	
Triforis adversum	0	1	New.	Tornatella fasciata ...	1	0	Well grown.	
Mitra obsoleta	0	3		Emarginula elongata ..	0	1		
— granum	0	1		Chiton lævis	1	0		
— ebenus	0	2		<i>Annelides</i> .—Serpulæ. <i>Crustacea</i> .—Some small species. <i>Radiata</i> .—Echinus monilis and Echinocyamus pusillus. Species of Cidaris.				
Murex cristatus	0	1		XI.				
Trochus fanulum	0	1		Date	July, 1841.			
Turbo sanguineus	0	2		Locality	Off Serpho-Poulo.			
Turritella 3-plicata ..	2	3'		Depth	95 fathoms.			
Natica valenciensis ...	0	frag.		Distance from shore ...	Two miles.			
Cypræa europæa [mis]	0	1		Ground	Millepore.			
Emarginula capulifor-	0	2	A new species.	Region	VII.			
Lottia unicolor	1	3		<i>Terebratula truncata</i> ..				
Chiton rissoi	1	0		— detruncata	0	6-4'	New.	
— lævis	1	0		— lunifera	30	10-6'		
— fascicularis	1	0		— crassa	0	3'		
— frelandi	1	0	<i>Crania ringens</i>	0	35'			
Goniaster, sp., 1 spec. Asterina, sp., 3 spec. Echinus monilis, many specimens. Cidaris listrix, abundant, alive. Echinocyamus, many specimens. Myriapora truncata, alive. A small yellow Goby.				<i>Lima elongata</i>	0	2'	New.	
X. (by Lieut. Spratt.)				— crassa	0	3'		
Date	July, 1842.			<i>Modiola</i>	1	1'	Very young.	
Locality	Off east coast of Naxia.			<i>Pecten testæ</i>	0	1-3'		
Depth	80 to 95 fathoms.			— concentricus ...	2	4'	New.	
Distance from shore ...	Three miles from N.E. Cape.			— similis	0	6'		
Ground	Nullipore.			<i>Cardita squamosa</i>	1	7'	New.	
Region	VII.			<i>Cytherea apicalis</i>	0	2'		
<i>Terebratula truncata</i> ..	1	0	All small. A small valve.	<i>Venus ovata</i>	0	4'	New.	
— detruncata	18	6		<i>Astarte pusilla</i>	0	2		
<i>Pecten varius</i>	6	4'		<i>Lucina commutata</i> ...	0	1'	New.	
— opercularis	0	1'		— bipartita	0	1'		
— testæ	1	2'		<i>Arca lactea</i>	4	6'	Hitherto known only fossil.	
<i>Lima elongata</i>	0	1'	Young and small, apparently frag. of M. barbata.	<i>Pleurotoma crispata</i> ..	1	3		
<i>Modiola</i>	0	2		— abyssicola	0	3	New.	
<i>Hiatella arctica</i>	1	0		— marivignæ	1	7		
<i>Cardita aculeata</i>	0	1'		— reticulata	1	1	New.	
<i>Astarte incrassata</i> ? ...	0	1'		— minuta	0	4		
<i>Cytherea apicalis</i>	3	3'	Small. Small.	<i>Fusus muricatus</i>	0	5	New.	
<i>Venus ovata</i>	1	2'		<i>Triforis perversum</i> ...	0	1		
<i>Arca tetragona</i>	1	1'		— lima	0	7	New.	
— scabra	0	2		<i>Turritella 3-costata</i> ..	0	2		
<i>Murex cristatus</i> , var. ...	4	2		<i>Trochus exiguus</i>	0	2	New.	
<i>Pleurotoma maravig-</i>	1	2	<i>Turbo sanguineus</i>	0	2			
— gracilis [næ]	1	0	<i>Rissoa reticulata</i> [na	6	36	New.		
— crispata	1	1	<i>Marginella clandesti-</i>	0	2			
— reticulata	0	1	<i>Tornatella pusilla</i> ...	0	1	New.		
— formicaria	1	0	<i>Emarginula elongata</i> ..	0	1			
<i>Cerithium lima</i>	2	6	— capuliformis ...	0	2	New.		
<i>Trochus exiguus</i>	2	1	<i>Fissurella græca</i>	0	1			
<i>Phasianella pulla</i>	1	0	<i>Cleodora pyramidata</i> ..	0	1	Two species of sponge. Several zoophytes, including Caryophyllia. Echinocyamus, alive. Echinus monilis, alive and dead. Several small Crustacea.		
<i>Rissoa reticulata</i>	1	3						
— ventricosa	1	0						
<i>Turbo rugosus</i>	2	0						
<i>Natica pulchella</i>	0	1						

XII.

DateSept. 16, 1841.
 LocalityOff Ananas Rocks.
 Depth105 fathoms.
 Distance from shore...From rocks three miles, from
 GroundNullipore. [Milo ten miles.
 RegionVII.

Species.	No. of living spec.	No. of dead spec.	Observations.
<i>Terebratula vitrea</i>	0	2'	Dead and worn.
— <i>truncata</i>	30	100-20'	Of all ages.
— <i>detruncata</i>	100	400-6'	Of all ages.
— <i>seminulum</i>	18	10-8'	
— <i>appressa</i>	1	0	Adhering to T.
<i>Crania ringens</i>	0	6'	<i>vitrea</i> . New.
<i>Lima elongata</i>	0	5'	New.
<i>Pecten concentricus</i> ..	0	1'	New.
— <i>fenestratus</i>	0	2'	New.
<i>Spondylus gussonii</i> ...	1	1'	
<i>Arca lactea</i>	1	7'	
— <i>scabra</i>	0	2'	
<i>Neæra cuspidata</i>	0	1'	
— <i>attenuata</i>	0	1'	New.
<i>Fusus echinatus</i>	0	2	
<i>Pleurotoma crispata</i> ..	0	2	{ Hitherto known only fossil.
— <i>marivignæ</i>	0	2	
— <i>abyssicola</i>	0	4	
<i>Mitra phillipiana</i>	0	4	
<i>Cerithium lima</i>	0	8	
<i>Trochus tinei</i>	0	6	
— <i>exiguus</i>	1	9	{ Hitherto known only fossil in the
<i>Turbo sanguineus</i>	0	24	
<i>Rissoa reticulata</i>	4	11	
<i>Emarginula elongata</i> ..	0	8	
<i>Pileopsis hungarica</i> ...	0	1	Small.
<i>Lottia unicolor</i>	1	24'	New.
<i>Atlanta peronii</i>	0	2	Encrusted with nullipore, and thus rendered solid.
<i>Hyalæa gibbosa</i>	0	1'	
<i>Cleodora pyramidata</i> ..	0	3'	
<i>Criseis clava</i>	0	7	
— <i>spinifera</i>	0	10	

Pectinura vestita, one (new). *Echinocyamus*, many, dead. Young *Cidaris*, alive. *Echinus monilis*, alive and dead. Four species of zoophyte. Several species of *Serpula*. Fragment of a *Balanus*. Small crabs. Foraminifera.

XIII.

DateSept. 2. [and Cerigo.
 LocalityChannel between the Morea
 Depth110 fathoms. [coast.
 Distance from shore...Three miles from Cervi
 GroundSandy mud.
 RegionVIII.

<i>Pecten similis</i>	0	10'	{ New to Mediterranean.
<i>Lima elongata</i>	0	3'	

Species.	No. of living spec.	No. of dead spec.	Observations.
<i>Lima crassa</i>	0	4'	New.
<i>Nucula polii</i>	0	5'	
— <i>striata</i>	1	6'	
<i>Arca lactea</i>	0	1'	Young shell.
<i>Poromya anatinoides</i> ..	0	2'	New.
<i>Neæra costellata</i>	2	4'	
— <i>cuspidata</i>	1	2'	
<i>Hiatella rugosa</i>	0	frag.	Full grown.
<i>Pandora obtusa</i>	0	3'	
<i>Kellia abyssicola</i>	0	8'	New.
<i>Cardium minimum</i>	0	3'	
<i>Rissoa reticulata</i>	0	6	
<i>Bulla utriculus</i>	0	1	
<i>Trochus millegranus</i> ..	1	1	
<i>Parthenia ventricosa</i> ..	0	1	New.
<i>Dentalium quinquan-</i>	0	4	Hitherto fossil.
<i>Atlanta peronii</i> [gularæ	0	3	
<i>Ladas planorboides</i> ..	0	2	
? <i>Limacina minuta</i> ...	0	3	
<i>Hyalæa gibbosa</i>	0	3	
— <i>vaginellina</i>	0	1	
<i>Cleodora pyramidata</i> ..	0	4	
3 species of <i>Criseis</i> ?..	0	...	Abundant.

Annelides.—*Ditrupa subulata* and *pusilla*, the latter alive.

Crustacea.—Several small species.

Radiata.—*Amphiura chiagi*. Spiuics of *Cidaris*.

* XIV.

DateAugust 2, 1841.
 LocalityOff Island of Amorgo.
 Depth140 fathoms.
 Distance from shore...Ten miles. [of pumice.
 GroundWhite mud with fragments
 RegionVIII.

<i>Anomia polymorpha</i> ..	0	1-4	Perhaps a strag-
<i>Lima elongata</i>	0	12'	New. [gler.
— <i>crassa</i>	0	5'	New. [ranean.
<i>Pecten similis</i>	0	30'	New to Mediter-
— <i>dumasii</i>	0	1'	
— <i>fenestratus</i>	0	2'	New.
<i>Nucula polii</i>	0	1'	
<i>Arca tetragona</i>	1	1	
— <i>lactea</i>	0	10'	
<i>Cardium minimum</i>	0	1'	
<i>Kellia abyssicola</i>	3	2-4'	New.
<i>Ligula profundissima</i> ..	2	5-17'	New. [only fossil.
<i>Neæra costellata</i>	0	7'	Hitherto known
— <i>cuspidata</i>	1	12'	[only fossil.
<i>Murex vaginatus</i>	0	1	Hitherto known
<i>Cerithium lima</i>	0	1	A straggler.
<i>Rissoa ovata</i>	0	1	New.
<i>Parthenia ventricosa</i> ..	0	1	New.
<i>Eulima subulata</i>	0	1	
— <i>distorta</i> [gularæ	0	1	
<i>Dentalium quinquan-</i>	2	30	
<i>Bulla utriculus</i> [nea	0	1	
<i>Carinaria mediterranea</i>	0	1	Small.

Species.	No. of living spec.	No. of dead spec.	Observations.	Depth.....	185 fathoms.
<i>Atlanta peronii</i>	0	6	New.	Distance from shore ...	Two miles.
? <i>Limacina minuta</i>	0	8		Ground	Pale yellowish mud.
<i>Hyalæa gibbosa</i>	0	10		Region	VIII.
— <i>vaginellina</i>	0	1			
<i>Criseis clava</i>	0	40			
— <i>spinifera</i>	0	100			
— <i>striata</i>	0	4			
Idmonea and another zoophyte. Ophiura abyssicola, alive. Fragments of a <i>Brissus</i> . <i>Serpula</i> , one species; <i>Ditrupa pusilla</i> , and three species of <i>Crustacea</i> .					
XV.					
Date	Sept. 17, 1841.				
Locality	Off Milo.				
Depth	150 fathoms.				
Distance from shore ...	Four miles.				
Ground	Fine white sandy mud.				
Region	VIII.				
<i>Pecten similis</i>	0	30'	New to Mediter- [ranean]		
— <i>concentricus</i> ...	0	2'			
— <i>dumasii</i>	0	frag.			
<i>Lima elongata</i>	0	8'			
— <i>crassa</i>	0	8'			
<i>Arca lactea</i>	0	10'	New.		
— <i>scabra</i>	0	1'	New.		
<i>Poromya anatinoides</i> ..	0	1'	New.		
<i>Kellia abyssicola</i>	0?	10-50'	New.		
<i>Neæra cuspidata</i>	0	2'	[only as fossil.		
— <i>costellata</i>	0	3'	Hitherto known		
— <i>abbreviata</i>	0	2'	New.		
<i>Cardita squamosa</i> ...	0	1'	A young valve.		
<i>Ligula profundissima</i> ..	0	1-15'			
<i>Crania ringens</i> [ta	0	2'			
<i>Terebratula detrunca</i> ..	0	2	Stragglers.		
<i>Murex vaginatus</i>	0	1	And two frag-		
<i>Fusus muricatus</i> [na	0	4	ments (hitherto		
<i>Marginella clandestina</i> ..	0	1	fossil).		
<i>Rissoa reticulata</i>	0	12			
— <i>ovulata</i>	0	2			
<i>Parthenia ventricosa</i> ..	0	1	New.		
<i>Cerithium lima</i>	0	1	Straggler?		
<i>Lottia unicolor</i>	0	1			
<i>Scissurella plicata</i>	0	3			
<i>Peracle physoides</i>	0	3			
<i>Hyalæa gibbosa</i>	0	22			
— <i>vaginellina</i>	0	1			
— <i>cornea</i>	0	2			
<i>Cleodora pyramidata</i> ..	0	many			
—	0	2			
Criseis, the three species abundant.					
XVI.					
Date	Dec. 23, 1843. [Asia Minor.				
Locality	S.E. side of Gulf of Macri,				
Species.	No. of living spec.	No. of dead spec.	Observations.	Depth.....	185 fathoms.
<i>Pecten concentricus</i> ..	0	3'	New.		
— <i>hoskynsi</i>	0	4'	New.		
— <i>similis</i>	0	3'			
<i>Arca imbricata</i>	1	18'			
<i>Nucula striata</i>	0	2'			
— <i>ægeensis</i>	1	6-5'	New.		
<i>Kellia abyssicola</i>	4	20'	New.		
<i>Neæra cuspidata</i>	1	3'	[only fossil.		
— <i>costellata</i>	1	8	Hitherto known		
— <i>abbreviata</i>	0	3	New.		
<i>Ligula profundissima</i> ..	1	3-15'			
<i>Pleurotoma abyssicola</i> ..	0	3	New.		
<i>Nassa intermedia</i> , var.	0	3	New.		
<i>Rissoa reticulata</i>	0	12	Hitherto fossil only in Medi- terranean, re- cent in North Seas.		
[na					
<i>Marginella clandestina</i> ..	0	3			
<i>Dentalium quinquan-</i>	0	36			
<i>Hyalæa cornea</i> [gulare	0	frag.			
— <i>gibbosa</i>	0	3			
— <i>vaginellina</i>	0	1			
<i>Cleodora pyramidata</i> ..	0	12			
<i>Criseis clava</i>	0	many			
— <i>spinifera</i>	0	many			
— <i>striata</i>	0	many			
? <i>Limacina minuta</i>	0	many	New.		
<i>Carinaria mediterranea</i> ..	0	1			
<i>Peracle physoides</i> [nea	0	10	New.		
Many <i>Nodosaria</i> and other Foraminifera. The carapace of a crab. A very small living sponge. Arms of <i>Amphiura chiagii</i> .					
XVII.					
Date... ..	Nov. 25, 1841. [Asia Minor.				
Locality	S. extremity of Gulf of Macri,				
Depth	230 fathoms.				
Distance from shore ...	One mile (shore steep).				
Ground	Fine yellowish mud.				
Region	VIII.				
<i>Terebratula vitrea</i>	0	2'	New.		
<i>Ligula profundissima</i> ..	0	3'			
<i>Arca imbricata</i> [gulare	1	1'			
<i>Dentalium quinquan-</i>	1	0			
<i>Hyalæa gibbosa</i>	0	1			
<i>Cleodora pyramidata</i> ..	0	8			
<i>Criseis spinifera</i>	0	5			
A glassy <i>Serpula</i> , and the corneous tube of an Annelide adhered to the <i>Terebratula</i> ; also a species of <i>Alecto</i> and a <i>Lobatula</i> .					
XVI.					
Date	Dec. 23, 1843. [Asia Minor.				
Locality	S.E. side of Gulf of Macri,				