XIV.—*On the Recent and Fossil Foraminifera of the Shore-sands of Selsey Bill, Sussex.*—VIII. *Tabular List of Species and Localities.*

By Edward Heron-Allen, F.L.S., F.R.M.S., and Arthur Earland, F.R.M.S.

(*Read February* 15, 1911.)

The examination of the material gathered from the Selsey shore-sands having occupied the whole of our available leisure for three years, it is not extraordinary that many species have come to light after we had dealt with their genera in the accepted zoological sequence. The following list is therefore appended to our series of papers by way of index to the series. The figures in the second column refer to the numbers under which each species will be found described in the pages of the Journal.

The letter E signifies that the species was recorded by Earland in 1905 from the shore-sands of the neighbouring locality, Bognor.*

It will be observed that the species found on the east shore of Selsey Bill are remarkably few. Several gatherings have been made "above the Park Beds," but on examination they have proved to contain little beyond molluscan fragments. Why this should be the case we cannot attempt to explain at present. The most exhaustive examinations have been made of the material "Opposite Bungalows," where a monthly gathering has been made for more than a year; at "S.E. Medmerry Farm," where a remarkable gathering was made in April, 1909, richer in rare forms than any other gathering made on this coast; and "Above the Housepond Beds"; whilst the Chalk Foraminifera have received especial attention. The "Blue Band," which was exposed for two days in June, 1908, has never been seen again. Fortunately, an ample supply of material was secured on this occasion; and it will be observed that though the Foraminifera were abundant, they are all referable to less than fifty species. They are, however, without exception, extraordinarily beautiful, being casts in pure pyrites of a rich golden-bronze.

The Pleistocene Mud deposit opposite Medmerry Farm, the contents of the Giant *Pholas* shells found among the Pleistocene Flints between West Street and Medmerry, and the long series of samples from the 100-ft. Artesian Well Boring at "Large Acres," present geological features and problems which must be left for discussion at a future date. We have preferred, for the present, to leave these three deposits out of the scope of the series of papers of which this is the terminal instalment.

* Journ. Quekett Micr. Club, 1905, p. 187.

New Serial Number.	Original Number.	CATALOGUE OF SPECIES.	Preliminary Examination of 1000 c.cm. 1	Above the "Park" Beds. 2	Mixon Rocks, Detritus and Mud. 3	"Kerk Arrow" Spit. 4	Opposite Marine Hotel. 5	Opposite Bungalows. 6	Above the "Selsey" Beds. 7	Opposite Thorney Coast-guard Station. 8	S.E. Medmerry Farm. 9	N.W. Medmerry Farm. 10	Above the "House-pond" Beds. 11	West Wittering to Earnley. 12	The "Blue Band." 13	Chalk from Flints and Shore-sand. 14
		Family GROMIDÆ.														
1	299*a*	*Gromia dujardinii* Schulze ..			×											
2	299	*G. oviformis* Dujardin			×											
		Family MILIOLIDÆ.														
		Sub-family **Nubecularinæ.**														
3	300	*Nubecularia Bradyi* Millett..											×			
4	1	*N. lucifuga* Defrance (E.) ..	×		×	×	×	×	×	×	×		×	×	×	×
5	301	*N. tibia* Jones and Parker ..											×			
6	302	*N. elongata* d'Orbigny			×			×			×	×				
		Sub-family **Miliolininæ.**														
7	2	*Biloculina ringens* Lamarck sp. (E.)	×		×	×	×	×	×	×		×				
8	3	*B. sphæra* d'Orbigny	×													
9	303	*Spiroloculina antillarum* d'Orbigny (E.)	×													
10	5	*S. excavata* d'Orbigny (E.) ..	×		×		×	×		×	×		×			×
11	10	*S. foveolata* Egger	×							×						
12	9	*S. grata* Terquem	×				×						×	×		
13	6	*S. incerta* Terquem	×		×		×	×	×							
14	4	*S. limbata* d'Orbigny (E.) ..	×						×				×			
15	304	*S nitida* d'Orbigny.		×		×			×	×			×	×		
16	11	*S. pertusa* Terquem	×													
17	305	*S. planulata* Lamarck (E.) ..	×					×	×				×	×		
18	7	*S. tenuis* Czjzek sp.	×						×	×			×			
19	8	*S. tenuiseptata* Brady	×						×	×			×	×		
20	306	*S. Terquemiana* sp. n.			×		×							×		
21	28	*Miliolina agglutinans* d'Orbigny sp.	×			×			×		×		×	×		
22	30	*M. alveoliniformis* Brady ..			×						×					
23	14	*M. auberiana* d'Orbigny (E.)	×		×	×		×	×	×	×		×	×		
24	20	*M. bicornis* Walker and Jacob sp. (E.)	×		×	×	×	×	×	×	×		×	×		
25	307	*M. boueana* d'Orbigny	×													
26	19	*M. circularis* Bornemann sp. (E.)	×	×	×	×	×		×	×	×		×	×	×	
27	27	*M. contorta* d'Orbigny sp. (E.)	×	×	×	×		×	×	×	×		×			
28	24	*M. ferussacii* d'Orbigny sp. (E.)	×	×		×	×	×	×	×	×		×	×	×	
29	29	*M. fusca* Brady (E.)	×	×		×	×	×	×	×	×		×	×	×	
30	308	*M. insignis* Brady	×										×			
31	23	*M. linneana* d'Orbigny sp. ..	×			×		×	×	×	×		×	×		
32	13	*M. oblonga* Montagu sp. (E.)	×		×				×	×			×	×	×	
33	25	*M. parisiensis* d'Orbigny ..	×							×						
34	22	*M. pulchella* d'Orbigny sp. (E.)			×					×			×	×		
35	15	*M. pygmæa* Reuss sp.	×		×				×	×			×	×		

New Serial Number.	Original Number.	CATALOGUE OF SPECIES.	1 Preliminary Examination of 1000 c.cm.	2 Above the "Park" Beds.	3 Mixon Rocks, Detritus and Mud.	4 "Kerk Arrow" Spit.	5 Opposite Marine Hotel.	6 Opposite Bungalows.	7 Above the "Selsey" Beds.	8 Opposite Thorney Coastguard Station.	9 S.E. Medmerry Farm.	10 N.W. Medmerry Farm.	11 Above the "House-pond" Beds.	12 West Wittering to Earnley.	13 The "Blue Band."	14 Chalk from Flints and Shore-sand.
36	309	*Miliolina rotunda* d'Orbigny			×								×			
37	26	*M. saxorum* Lamarck sp. ..	×													
38	310	*M. sclerotica* Karrer	×	×				×	×	×			×	×		
39	21	*M. scrobiculata* Brady	×		×		×	×		×	×		×	×		
40	12	*M. seminulum* Linné sp. (E.)	×	×	×	×		×	×	×	×		×	×		×
41	311	*M. sub-orbicularis* d'Orbigny sp.								×						
42	18	*M. sub-rotunda* Montagu sp. (E.)	×		×	×	×	×	×	×	×		×	×		
43	17	*M. tricarinata* d'Orbigny sp. (E.)	×	×	×	×	×	×	×	×			×	×		
44	16	*M. trigonula* Lamarck sp. (E.)	×	×	×	×	×	×	×	×	×		×	×		
45	312	*M. undosa* Karrer						×	×				×			
46	31	*M. secans* d'Orbigny sp. (E.)	×	×	×	×	×	×	×	×	×		×	×		×
47	32	*M. secans* var. *tenuistriata* Earland (E.)	×		×			×					×			
48	32	*M. secans* d'Orbigny sp. var. *denticulata* Costa (E.) ..			×	×		×								
		Sub-family **Haueriniæ**.														
49	33	*Articulina foveolata* sp. n.	×							×						
50	314	*A. sagra* d'Orbigny						×								
51	34	*A. sulcata* Reuss							×							
52	313	*Vertebralina striata* d'Orbigny							×	×						
		Sub-family **Peneroplidinæ**.														
53	35	*Cornuspira foliacea* Philippi sp.	×				×	×								×
54	36	*C. involvens* Reuss (E.)	×		×	×			×				×	×		
55	37	*C. selseyensis* sp. n. (E.) ..	×		×	×		×	×	×		×	×	×		
56	38	*Peneroplis pertusus* Forskäl sp.	×										×			
57	39	*P. pertusus* var. *arietinus* Batsch	×						×				×			
58	40	*P. pertusus* var. *cylindraceus* Lamarck	×		×	×			×	×			×	×		
59	41	*P. pertusus* var. *carinatus* d'Orbigny	×													
60	42	*Orbitolites duplex* Carpenter	×							×			×			
61	315	*O. complanata* Lamarck ..								×						
		Sub-family **Alveolininæ**.														
62	43	*A. boscii* Defrance sp.	×		×					×						×
63	43	*A. melo* Fichtel and Moll ..			×											
64	43	*A. quoii* d'Orbigny			×											
65	43	*A. sabulosa* Montfort			×											

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		Family ASTRORHIZIDÆ.														
		Sub-family **Astrorhizinæ.**														
66	316	*Pelosina variabilis* Brady ..			×			×								
		Sub-family **Saccammininæ.**														
67	44	*Psammosphæra fusca* Schulze	×							×	×		×			
68	45	*Saccamina sphærica* M. Sars	×				×	×		×			×	×		
		Sub-family **Rhabdammininæ.**														
69	317	*Hyperammina vagans* Brady (E.)			×		×		×							
		Family LITUOLIDÆ.														
		Sub-family **Lituolinæ.**														
70	318	*Reophax ampullacea* Brady..			×											
71	319	*R. fusiformis* Williamson ..			×											
72	46	*R. moniliforme* Siddall.. ..	×		×			×	×	×			×	×		
73	226	*R. scorpiurus* Montfort ..														×
74	47	*Haplophragmium agglutinans* d'Orbigny sp.	×	×	×	×	×	×	×	×						
75	48	*H. canariense* d'Orbigny sp. (E.)	×		×	×	×	×	×	×	×		×	×		
76	227	*H. fontinense* (Terquem) ..														×
77	228	*H. inflatum* Reuss..								×						×
78	320	*H. latidorsatum* Bornemann							×							
79	321	*H. nanum* Brady			×											
80	49	*H. neocomianum* Chapman ..	×				×	×	×	×	×		×	×		×
		Sub-family **Trochammininæ.**														
81	50	*Thurammina papillata* Brady (E.)	×	×				×		×			×			
82	51	*Ammodiscus gordialis* Jones and Parker sp. (E.)	×			×		×	×	×			×	×		
83	52	*A. incertus* d'Orbigny sp. (E.)	×					×								×
84	53	*Trochammina inflata* Montagu sp. (E.)	×	×	×	×			×	×	×		×	×	×	
85	54	*T. squamata* Jones and Parker (E.)	×		×				×	×			×	×		
86	322	*T. rotaliformis* J. Wright (MS.)											×			
87	55	*Webbina hemisphærica* Jones, Parker, and Brady	×				×						×			
88	229	*W. irregularis* d'Orbigny ..														×

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		Family TEXTULARIDÆ.														
		Sub-family **Textularinæ.**														
89	56	*Textularia agglutinans* d'Orbigny								×				×		
90	323	*T. concava* Karrer											×			×
91	58	*T. globulosa* Ehrenberg ..	×			×			×	×				×		×
92	57	*T. gramen* d'Orbigny (E.) ..	×		×			×			×		×			
93	324	*T. inconspicua* Brady var. *jugosa* Brady									×					
94	325	*T. rugosa* Reuss sp.											×			×
95	230	*T. trochus* d'Orbigny														×
96	231	*T. turris* d'Orbigny											×			×
97	59	*Verneuilina elongata* Terquem	×									×				
98	60	*V. polytropha* Reuss sp. (E.)	×	×		×	×	×	×	×	×		×	×		
99	61	*V. pygmæa* Egger sp.	×										×			
100	62	*V. spinulosa* Reuss (E)	×					×	×	×	×		×	×		×
101	63	*V. triquetra* Münster sp. ..	×							×						×
102	64	*Tritaxia lepida* Brady			×											
103	65	*T. tricarinata* Reuss	×													×
104	232	*T. foveolata* Marsson														×
105	66	*Bigenerina conica* sp. n. ..	×							×			×			
106	67	*B. selseyensis* sp. n.	×				×	×	×	×	×		×			
107	326	*Spiroplecta biformis* Parker and Jones (E.)											×			
108	69	*S. fusca* Earland (E.)										×	×			
109	233	*S. prælonga* Reuss sp.														×
110	68	*S. sagittula* Defrance sp. (E.)	×		×	×		×	×	×	×		×	×		×
111	327	*Gaudryina filiformis* Berthelin (E.)							×				×			×
112	237	*G. jonesiana* d'Orbigny ..														×
113	234	*G. pupoides* d'Orbigny														×
114	236	*G. rugosa* d'Orbigny				×										×
115	235	*G. subrotundata* Schwager (E.)														×
116	70	*Valvulina austriaca* d'Orbigny	×													
117	71	*V. triangularis* var. *pupa* d'Orbigny	×													
118	238	*Clavulina angularis* d'Orbigny														×
119	72	*C. communis* d'Orbigny ..	×													
120	328	*C. obscura* Chaster (E.).. ..			×				×							
121	73	*C. parisiensis* d'Orbigny ..	×				×		×		×		×		×	
		Sub-family **Buliminiæ.**														
122	74	*Bulimina aculeata* d'Orbigny (E.)	×							×			×			
123	75	*B. affinis* d'Orbigny	×												×	×

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124	76	*Bulimina brevis* d'Orbigny ..	×		×						×		×	×	×	×
125	77	*B. elegans* d'Orbigny (E.) ..	×			×	×	×	×	×	×		×	×	×	×
126	244	*B. elegantissima* d'Orbigny (E.)						×	×	×			×			×
127	329	*B. elegantissima* d'Orbigny var. *seminuda* Terquem ..											×			
128	78	*B. elongata* d'Orbigny (E.) ..	×				×	×	×	×	×		×	×		
129	330	*B. fusiformis* Williamson ..								×			×			
130	331	*B. marginata* d'Orbigny (E.)	×					×	×	×	×		×	×		
131	245	*B. murchisoniana* d'Orbigny														×
132	79	*B. obtusa* d'Orbigny	×										×			×
133	242	*B. ovata* d'Orbigny (E.).. ..														×
134	240	*B. ovulum* Reuss														×
135	241	*B. presli* d'Orbigny														×
136	332	*B. pupa* Terquem									×					
137	80	*B. pupoides* d'Orbigny (E.) ..	×			×			×	×			×			
138	243	*B. pyrula* d'Orbigny														×
139	333	*B. selseyensis* sp. n.						×								
140	81	*B. squamigera* d'Orbigny (E.)	×						×	×			×	×		
141	334	*B. striato-punctata* Terquem									×		×			
142	335	*B. subteres* Brady	×													
143	336	*B. Terquemiana* Terquem sp.						×					×			
144	239	*B. variabilis* d'Orbigny ..														×
145	82	*Virgulina subsquamosa* Egger	×													
146	246	*V. schreibersiana* Czjzek ..														×
147	83	*Bolivina œnariensis* Costa sp.	×				×						×			
148	84	*B. beyrichi* Reuss	×	×		×	×	×	×	×	×		×	×		×
149	90	*B. decorata* Jones	×						×							
150	85	*B. dilatata* Reuss (E.)	×	×			×		×	×	×		×	×		
151	337	*B. durandii* Millett											×			
152	338	*B. eocenica* Terquem			×											
153	86	*B. lævigata* Williamson sp. (E.)	×						×							
154	87	*B. nobilis* Hantken (E.) ..	×		×	×			×				×			
155	247	*B. obsoleta* Eley (syn. *Textularia quadrilatera* Brady)	×										×			×
156	88	*B. plicata* d'Orbigny (E.) ..	×			×			×	×			×	×		
157	89	*B. punctata* d'Orbigny (E.) ..	×		×	×				×			×	×	×	×
158	339	*B. robusta* Brady											×			
159	340	*B. textilarioides* Reuss.. ..								×			×			
160	341	*B. tortuosa* Brady (E.)							×	×			×			
161	91	*B. variabilis* Williamson sp.	×						×				×			
162	248	*Pleurostomella alternans* Schwager														×
		Family CHILOSTOMELLIDÆ.														
163	248	*Elipsoidella pleurostomelloides* sp. n.														×

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		Family LAGENIDÆ.														
		Sub-family **Lageninæ.**														
164	97	*Lagena acuticosta* Reuss ..	×										×	×		×
165	249	*L. aspera* Reuss			×											×
166	342	*L. bicarinata* Terquem ..	×													
167	94	*L. clavata* d'Orbigny sp. (E.)	×					×	×	×			×	×		
168	350	*L. costata* Williamson				×										
169	92	*L. globosa* Montagu sp. (E.)	×			×			×	×	×		×	×		×
170	250	*L. gracilis* Williamson	×			×										×
171	343	*L. gracillima* Seguenza ..							×							
172	102	*L. hexagona* Williamson sp. (E.)	×			×				×	×		×			
173	344	*L. hispida* Reuss (E.)							×	×			×			
174	103	*L. lævigata* Reuss sp.	×						×							
175	95	*L. lævis* Montagu sp. (E.) ..	×	×	×	×		×	×	×	×		×	×		
176	345	*L. lineata* Williamson (E.) ..							×	×			×		×	
177	104	*L. lucida* Williamson sp. (E.)	×	×		×		×	×	×	×		×	×		
178	105	*L. marginata* Walker and Boys (E.)	×			×		×	×	×	×		×			
179	106	*L. orbignyana* Seguenza sp. (E.)	×			×			×	×	×		×	×		
180	107	*L. orbignyana* var. *selseyensis* var. n.	×			×		×	×	×			×	×		
181	346	*L. orbignyana* Seguenza sp. var. *walleriana* Wright ..											×			
182	347	*L. perlucida* Williamson ..							×				×			
183	348	*L. quadrata* Williamson (E.)							×							
184	101	*L. reticulata* Macgillivray sp. (E.)	×			×			×	×			×			
185	99	*L. semistriata* Williamson (E.)	×			×	×	×	×	×			×	×		
186	100	*L. squamosa* Montagu sp. (E.)	×						×	×			×	×		
187	349	*L. squamosa* Montagu var. *Montagui* Wright (E.) ..											×			
188	95	*L. striata* d'Orbigny sp. (E.)	×			×		×	×	×			×	×		×
189	96	*L. sulcata* Walker and Jacob sp. (E.)	×				×	×	×	×			×	×		×
190	96	*L. sulcata* var. *interrupta* Williamson (E.)	×			×				×			×			
191	98	*L. Williamsoni* Alcock sp. (E.)	×	×		×	×	×	×	×			×	×		
		Sub-family **Nodosarinæ.**														
192	351	*Nodosaria arundinea* Schwager	×													
193	352	*N. calomorpha* (Reuss)														×
194	257	*N. communis* d'Orbigny (E.)	×					×	×	×	×		×	×		×
195	262	*N. conferta* Reuss														×
196	255	*N. consobrina* d'Orbigny ..														×
197	252	*N. farcimen* Reuss..														×

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198	109	*Nodosaria filiformis* d'Orbigny	×		×				×		×		×	×		×
199	259	*N. hispida* d'Orbigny														×
200	108	*N. lævigata* d'Orbigny (E.) ..	×		×		×	×	×	×	×		×	×		
201	254	*N. lorneiana* d'Orbigny.. ..														×
202	258	*N. mucronata* Neugeboren ..											×			×
203	261	*N. obscura* Reuss														×
204	253	*N. pauperata* d'Orbigny ..														×
205	256	*N. plebeia* Reuss														×
206	251	*N. radicula* Linné sp.														×
207	260	*N. raphanus* Linné sp. ..														×
208	353	*N. scalaris* Batsch sp. (E.) ..											×			
209	110	*N. soluta* Reuss (E.)	×													
210	264	*N. Steenstrupi* Reuss														×
211	263	*N. Zippei* Reuss														×
212	265	*Lingulina carinata* d'Orbigny														×
213	267	*Frondicularia archiaciana* d'Orbigny														×
214	266	*F. angulosa* d'Orbigny														×
215	272	*F. crassa* Reuss														×
216	269	*F. gaultina* Reuss														×
217	111	*F. inæqualis* Costa	×													
218	270	*F. inversa* Reuss														×
219	271	*F. marginata* Reuss														×
220	268	*F. verneuiliana* d'Orbigny ..														×
221	112	*Rhabdogonium tricarinatum* d'Orbigny													×	
222	354	*Marginulina glabra* d'Orbigny								×			×			×
223	273	*M. glabra* var. *elongata* d'Orb.														×
224	274	*M. hispida* Neugeboren ..														×
225	275	*M. trilobata* d'Orbigny														×
226	276	*Vaginulina legumen* Linné sp. (E.)							×							
227	280	*Cristellaria acutauricularis* Fichtel and Moll sp. ..														×
228	283	*C. convergens* Born														×
229	117	*C. crassa* d'Orbigny	×													
230	114	*C. crepidula* Fichtel and Moll sp. (E.)	×					×								×
231	119	*C. cultrata* Montfort	×								×		×	×		×
232	115	*C. italica* Defrance sp.	×													
233	113	*C. lata* Cornuel sp.	×													
234	277	*C. Marcki* Reuss														×
235	281	*C. navicula* d'Orbigny														×
236	118	*C. nitida* d'Orbigny	×													
237	279	*C. recta* d'Orbigny														×
238	116	*C. rotulata* Lamarck sp. ..	×						×	×			×			×
239	278	*C. scitula* Berthelin														×
240	282	*C. triangularis* d'Orbigny ..														×

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241	284	*Cristellaria vortex* Fichtel and Moll														×
242	286	*Flabellina baudouiniana* d'Orbigny														×
243	288	*F. interpunctata* von der Marck														×
244	285	*F. pulchra* d'Orbigny														×
245	287	*F. rugosa* d'Orbigny														×
		Sub-family **Polymorphininæ.**														
246	355	*Polymorphina acuminata* Williamson							×	×	×		×			
247	125	*P. angusta* Egger	×													
248	130	*P. communis* d'Orbigny ..	×	×		×	×	×	×	×	×		×	×		
249	128	*P. complanata* d'Orbigny ..	×			×		×		×			×			
250	127	*P. compressa* d'Orbigny (E.)	×		×		×	×	×	×			×	×		×
251	122	*P. concava* Williamson (E.) ..	×								×		×			
252	129	*P. elegantissima* Parker and Jones	×				×		×	×				×		
253	123	*P. gibba* d'Orbigny..	×	×	×	×	×	×	×	×			×	×	×	×
254	137	*P. hirsuta* Brady, Parker, and Jones	×						×				×			
255	120	*P. lactea* Walker and Jacob sp. (E.)	×	×		×	×	×	×	×	×		×	×	×	×
256	356	*P. lactea* var. *amygdaloides* Reuss											×			
257	126	*P. lanceolata* Reuss (E.) ..	×						×	×			×			
258	132	*P. myristiformis* Williamson	×				×									
259	121	*P. oblonga* Williamson (E.)	×						×		×		×			
260	133	*P. ornata* Karrer	×													
261	357	*P. problema* d'Orbigny			×		×						×			
262	135	*P. regina* Brady, Parker, and Jones (E)	×		×	×	×	×		×	×		×	×		
263	131	*P. rotundata* Bornemann sp. (E.)	×		×	×	×	×					×			
264	124	*P. sororia* Reuss	×			×		×	×	×	×		×	×		×
265	136	*P. spinosa* d'Orbigny sp. ..	×										×			
266	358	*P. thouini* d'Orbigny			×											
267	134	*P. tuberculata* d'Orbigny ..	×		×			×	×	×			×			
268	359	*Dimorphina longicollis* Brady sp.						×								
269	139	*Uvigerina angulosa* Williamson (E.)	×		×		×	×	×	×	×		×	×		
270	360	*U. asperula* Czjzek (E.).. ..							×							×
271	138	*U. asperula* Czjzek var. *ampullacea* Brady	×							×						
272	289	*U. canariensis* d'Orbigny (E.)														×
273	140	*U. muralis* Terquem	×		×				×	×			×	×		
274	290	*U. pygmæa* d'Orbigny									×					×
275	141	*U. selseyensis* sp. n.	×			×	×	×	×	×	×		×	×		

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276	361	*Sagrina asperula* Chapman..	×													
277	291	*S. cretacea* sp. n.														×
278	362	*S. dimorpha* Parker and Jones								×						×
		Sub-family **Ramulininæ**.														
279	292	*Ramulina aculeata* d'Orbigny sp.														×
		Family GLOBIGERINIDÆ.														
280	294	*Globigerina æquilateralis* Brady											×			×
281	142	*G. bulloides* d'Orbigny (E.) ..	×	×			×	×	×	×			×			×
282	143	*G. cretacea* d'Orbigny	×			×		×	×		×		×			×
283	145	*G. dutertrei* d'Orbigny													×	
284	144	*G. linnæana* d'Orbigny sp. ..	×										×			×
285	293	*G. marginata* Reuss						×								×
286	146	*G. pachyderma* Ehrenberg sp.	×				×				×		×			
287	295	*Orbulina universa* d'Orbigny												×	×	×
288	296	*Sphæroidina bulloides* d'Orbigny (E.)														×
		Family ROTALIDÆ.														
		Sub-family **Spirillininæ**.														
289	148	*Spirillina inæqualis* Brady..	×													
290	149	*S. limbata* Brady	×													×
291	363	*S. lucida* Sidebottom								×						
292	150	*S. margaritifera* Williamson										×				
293	151	*S. selseyensis* sp. n.	×													
294	147	*S. vivipara* Ehrenberg (E.) ..	×			×	×	×	×	×	×	×	×			
		Sub-family **Rotalinæ**.														
295	152	*Patellina corrugata* Williamson (E.)	×						×					×		
296	170	*Discorbina allomorphinoides* Reuss sp.	×			×								×	×	
297	364	*D. araucana* d'Orbigny ..	×													
298	365	*D. bertheloti* d'Orbigny (E) ..	×													
299	167	*D. biconcava* Parker and Jones	×													
300	171	*D. cristata* sp. n.	×										×			
301	166	*D. dimidiata* Jones and Parker	×		×	×	×	×	×	×	×		×	×		
302	366	*D. eximia* Hantken											×			
303	154	*D. globularis* d'Orbigny sp. (E.)	×				×	×						×		
304	367	*D. inæquilateralis* sp. n. ..						×								
305	159	*D. isabelleana* d'Orbigny sp.	×			×	×	×	×	×	×		×	×		
306	368	*D. nitida* Williamson			×		×	×		×	×		×			

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307	156	*Discorbina obtusa* d'Orbigny sp. (E.)	×				×	×	×				×			
308	163	*D. opercularis* d'Orbigny sp.	×			×		×	×	×		×	×	×		
309	160	*D. orbicularis* Terquem sp. (E.)	×		×	×	×	×	×	×			×			
310	161	*D. parisiensis* d'Orbigny sp. (E.)	×		×	×			×	×	×	×	×	×		
311	369	*D. patelliformis* Brady var. *corrugata* var. n.						×								
312	370	*D. pileolus* d'Orbigny sp. ..	×													
313	371	*D. polystomelloides* Parker and Jones									×		×			
314	164	*D. rarescens* Brady	×							×	×		×			
315	157	*D. rosacea* d'Orbigny sp. (E.)	×	×	×		×	×	×	×	×		×	×	×	
316	372	*D. rosacea* d'Orbigny var. *selseyensis* var. n.						×								
317	168	*D. saulcii* d'Orbigny	×						×	×			×			
318	373	*D. tabernacularis* Brady ..											×			
319	169	*D. trochidiformis* Lamarck sp.			×					×						
320	153	*D turbo* d'Orbigny sp. (E.) ..	×		×	×	×	×	×	×			×	×	×	×
321	155	*D. valvulata* d'Orbigny sp. ..	×													
322	374	*D. ventricosa* Brady							×	×			×			
323	165	*D. vesicularis* Lamarck sp. ..	×				×	×	×	×			×	×	×	
324	158	*D. vilardeboana* d'Orbigny sp.	×		×	×	×	×	×	×			×			
325	162	*D. wrightii* Brady (E.)	×		×			×	×	×	×		×	×		
326	172	*Cycloloculina annulata* Heron-Allen and Earland	×			×	×	×	×	×	×		×	×		
327	173	*C. polygyra* Heron-Allen and Earland	×					×		×	×		×	×		
328	174	*Planorbulina mediterranensis* d'Orbigny (E.)	×		×				×	×			×			
329	175	*P. larvata* Parker and Jones	×													
330	375	*Linderina brugesii* Schlumberger	×		×		×	×	×	×	×		×	×	×	
331	181	*Truncatulina akneriana* d'Orbigny sp.	×						×	×			×			
332	297	*T. cordieriana* d'Orbigny sp.														×
333	184	*T. culter* Parker and Jones sp.	×	×	×			×	×	×				×	×	
334	180	*T. haidingerii* d'Orbigny sp. (E.)	×		×	×	×	×	×	×			×	×	×	×
335	176	*T. lobatula* Walker and Jacob sp. (E.)	×	×	×	×	×	×	×	×	×		×	×	×	×
336	376	*T. refulgens* Montfort (E.) ..	×				×	×			×					×
337	377	*T. reticulata* Czjzek (E.) ..											×			
338	183	*T. robertsoniana* Brady.. ..	×													
339	178	*T. tenuimargo* Brady	×							×			×			
340	182	*T. ungeriana* d'Orbigny sp. (E)	×	×	×	×	×	×	×	×	×		×	×	×	×
341	177	*T. variabilis* d'Orbigny (E.)	×					×	×	×			×	×		
342	179	*T. wuellerstorfi* Schwager sp.	×			×			×	×			×			
343	185	*Anomalina ammonoides* Reuss sp.	×		×	×	×	×		×	×		×	×	×	×
344	378	*A. ariminensis* d'Orbigny ..							×		×		×			
345	186	*A. coronata* Parker and Jones	×													

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346	187	*A. grosserugosa* Gümbel sp. (E.)	×										×			
347	379	*Pulvinulina auricula* Fichtel and Moll (E.)							×							
348	380	*P. brongniartii* d'Orbigny ..	×			×		×	×	×	×		×	×	×	
349	189	*P. concentrica* Parker and Jones (E).	×										×			
350	381	*P. crassa* d'Orbigny							×	×			×		×	
351	198	*P. elegans* d'Orbigny sp. ..	×	×			×	×	×					×	×	×
352	195	*P. exigua* Brady	×										×			
353	382	*P. haliotidea* sp. n.								×						
354	192	*P. hauerii* d'Orbigny (E.) ..	×		×	×	×	×	×	×	×		×			×
355	197	*P. karsteni* Reuss sp. (E.) ..	×												×	
356	383	*P. lateralis* Terquem	×										×			
357	193	*P. menardii* d'Orbigny sp. (E.)	×		×		×	×	×	×		×	×	×	×	
358	191	*P. oblonga* Williamson sp. ..	×										×			
359	188	*P. punctulata* d'Orbigny sp...	×													×
360	384	*P. repanda* Fichtel and Moll	×							×			×			
361	385	*P. repanda* var. *concamerata* Montagu					×	×	×					×		
362	196	*P. schreibersii* d'Orbigny sp.	×				×	×								
363	386	*P. reticulata* Reuss .. .	×													
364	199	*P. semimarginata* d'Orbigny	×				×	×	×	×	×	×	×			
365	194	*P. truncatulinoides* (syn. *micheliniana* d'Orbigny) ..	×			×		×		×	×		×	×	×	×
366	387	*P. tumida* Brady	×								×		×			
367	388	*P. umbonata* Reuss							×							
368	190	*P. vermiculata* d'Orbigny sp.	×					×								
369	200	*Rotalia beccarii* Linné sp. (E.)	×	×	×	×	×	×	×	×	×	×	×	×	×	×
370	203	*R. exsculpta* Reuss..	×												×	×
371	205	*R. calcar* d'Orbigny (E.) ..	×			×	×	×	×	×	×		×	×	×	
372	298	*R. clementiana* d'Orbigny ..														×
373	201	*R. orbicularis* d'Orbigny ..	×	×				×					×	×	×	×
374	202	*R. soldanii* d'Orbigny	×			×	×	×	×	×	×		×		×	×
375	204	*R. suessonensis* d'Orbigny ..	×													
		Sub-family **Tinorporinæ**.														
376	206	*Gypsina inhærens* Schultze sp. (E.)	×		×	×		×	×	×	×		×	×	×	
377	207	*Polytrema miniaceum* Linné sp.	×				×	×		×	×		×	×		
		Family NUMMULINIDÆ.														
		Sub-family **Polystomellinæ**.														
378	212	*Nonionina asterizans* Fichtel and Moll sp. (E.)	×			×			×	×			×	×	×	
379	213	*N. boueana* d'Orbigny	×										×			
380	208	*N. depressula* Walker and Jacob sp. (E.)	×	×		×			×	×	×		×	×	×	×

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381	211	*Nonionina orbicularis* Brady	×										×	×		
382	389	*N. pauperata* Balkwill and Wright (E.)							×				×			
383	210	*N. pompilioides* Fichtel and Moll sp.	×				×		×	×	×		×	×		×
384	390	*N. quadriloculata* sp. n. ..		×			×	×		×	×		×	×		
385	214	*N. scapha* Fichtel and Moll sp.	×			×			×	×			×	×	×	
386	209	*N. umbilicatula* Montagu sp. (E.)	×	×	×	×			×	×	×		×	×		
387	216	*Polystomella crispa* Linné sp. (E.)	×	×	×	×	×	×	×	×	×		×	×		×
388	217	*P. macella* Fichtel and Moll sp. (E.)	×	×		×	×	×	×	×	×		×	×		×
389	215	*P. striatopunctata* Fichtel and Moll sp. (E.)	×	×	×	×	×	×	×	×	×		×	×	×	×
390	215	*P. striatopunctata* (Fichtel and Moll) var. *selseyensis* Heron-Allen and Earland	×	×		×	×	×	×	×			×	×		
		Sub-family **Nummilitinæ.**														
391	218	*Amphistegina lessonii* d'Orbigny			×											
392	219	*Operculina complanata* Defrance sp.	×						×	×						
393	220	*O. ammonoides* Gronovius sp.	×													×
394	221	*Nummulites planulata* Lamarck	×													
395	222	*N. lævigata* Lamarck	×	×	×		×	×		×	×		×	×		
396	223	*N. variolaria* Sowerby	×		×										×	
397	224	*N. elegans* Sowerby	×	×	×	×	×	×		×	×		×		×	
398	225	*N. wemmelensis* de la Harpe	×													

Journal of the
Royal Microscopical Society

CONTAINING ITS TRANSACTIONS AND PROCEEDINGS

AND

A SUMMARY OF CURRENT RESEARCHES RELATING TO

ZOOLOGY AND BOTANY

(principally Invertebrata and Cryptogamia)

MICROSCOPY, &c.

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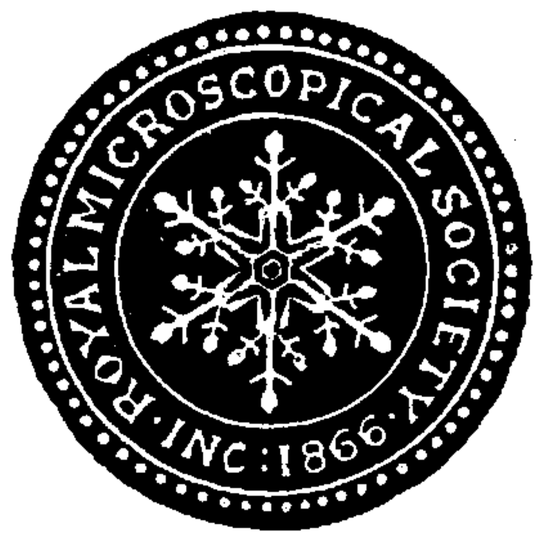
Minimis partibus, per totum Naturæ campum, certitudo omnis innititur quas qui fugit pariter Naturam fugit.—*Linnæus.*

FOR THE YEAR

1911



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